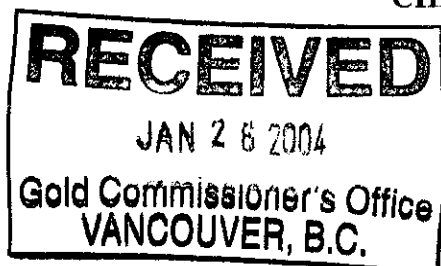


CHAPLEAU RESOURCES LTD.



ASSESSMENT REPORT
ON
PROSPECTING, GRID SOIL SAMPLING AND DIAMOND DRILLING
ON THE ZINGER PROPERTY

NTS 82F049 & 82F050

Latitude 49° 26' N Longitude 116° 11' W
UTM Coordinates:
5476000 N 560500 E

Work performed from June 1, 2003 to October 31, 2003

Owners – Chapleau Resources Ltd.
104-135 0th Avenue South
Cranbrook, B.C.
VIC 2N1

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

27.340
1 of 2

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Submitted – January 16, 2004

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1.0 Introduction

This report describes a program of prospecting, grid soil sampling and diamond drilling completed on the Zinger property in the upper Perry Creek drainage during June-October 2003.

The Zinger property, located approximately 30 kilometers west-southwest of Cranbrook, B.C., in the Fort Steele Mining Division (Fig.1). The claim block straddles a ridge between Perry Creek and Hellroaring Creek, near headwaters of both drainages. The claims are centered near 49°26' N Latitude and 116°11' W Longitude / UTM 5476000N, 560500E.

The Zinger claim group occurs within the Moyie Range of the Purcell Mountains, in moderately rugged terrain near the headwaters of Perry Creek and Hellroaring Creek. Elevation on the claim block ranges from 1490 m to 2220 m. Forest cover consists of a mixture of mainly Pine, Fir and Larch. Portions of the claim block in both the Perry Creek and Hellroaring Creek drainages have been clear-cut logged.

The local climate is fairly dry, although significantly more snow falls at the property than at the city of Cranbrook. The area is normally snow covered from late October to late May. Field season extends from early-June to late-October.

1.10 Access

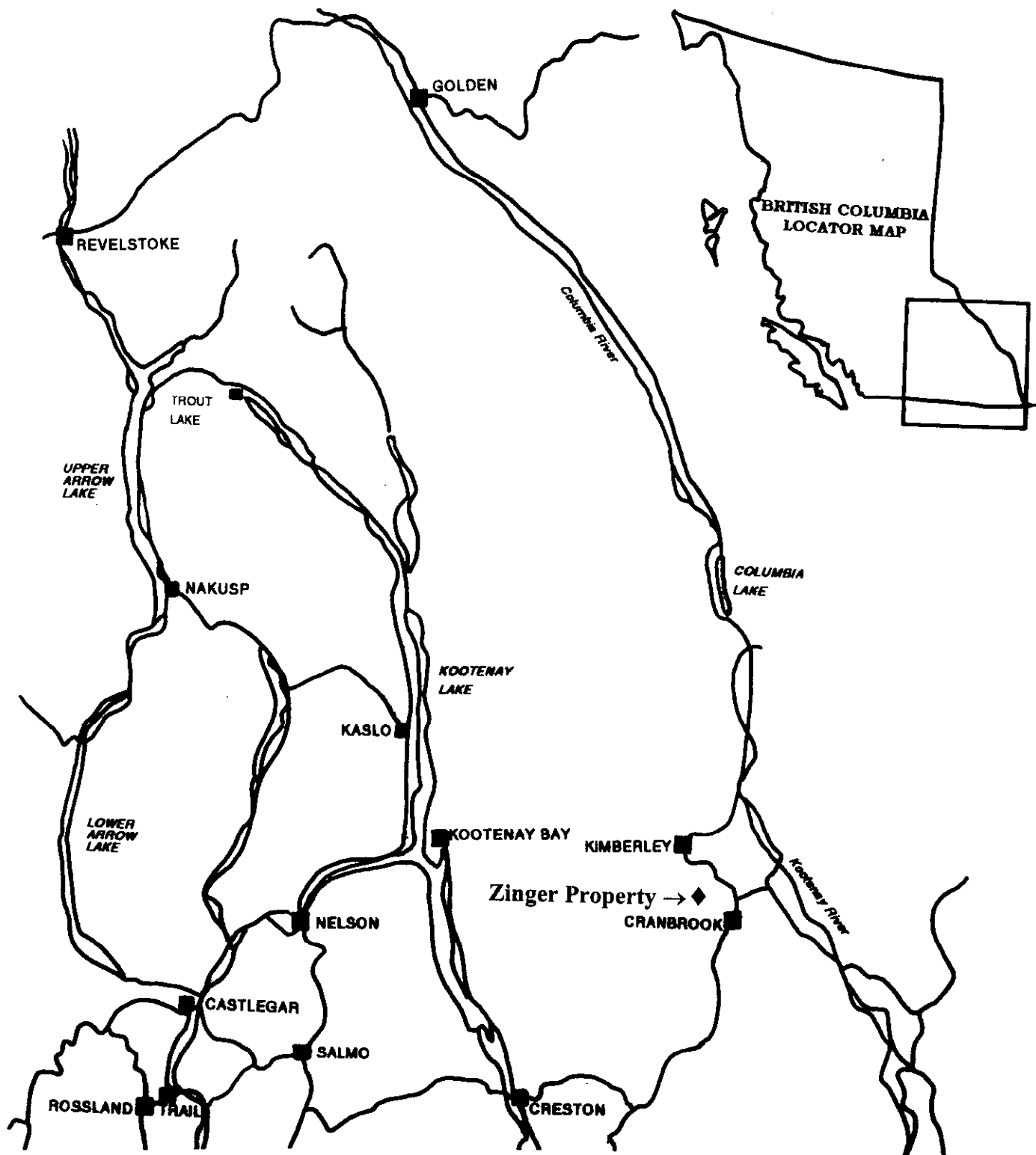
Access to the property is via logging roads up either Perry Creek or Hellroaring Creek.

1.20 Property Definition, History, Background Information

The Zinger property includes 166 claims totaling 166 units. The claims are owned by two groups of individuals. Zinger 1 to 96 and 100 to 109 are owned by Peter Klewchuk and Craig Kennedy. The Zinger 110 to 169 are owned by Super Group Holdings Ltd. The claims are currently under option to Chapleau Resources Ltd. who is also the operator.

The Zinger claims are situated near the headwaters of Perry Creek which was the site of a placer gold rush near the turn of the 20th century. Intermittent placer gold production has occurred since that time. Numerous old workings on and in the vicinity of the Zinger claims date back to the early part of the 20th century.

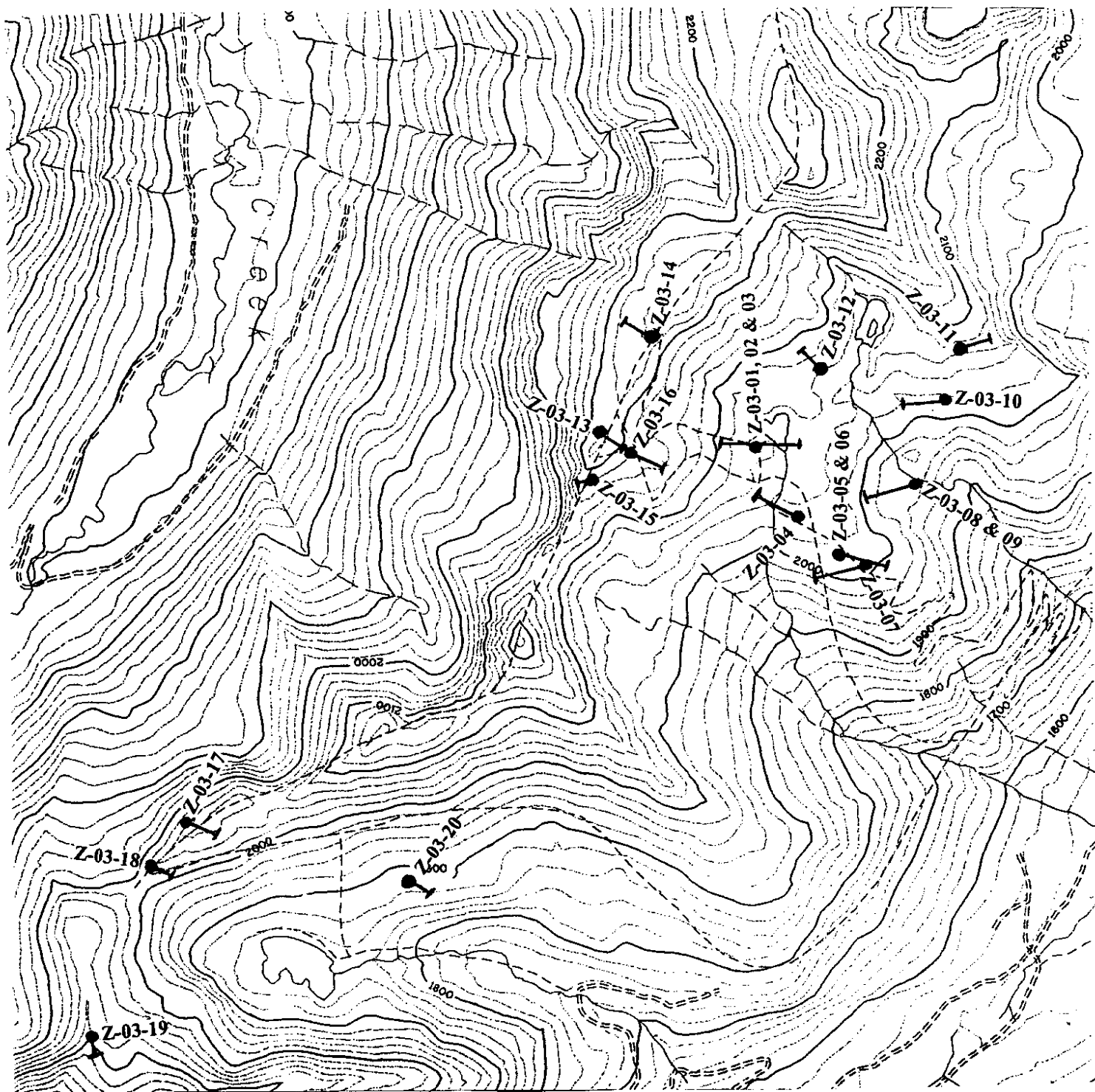
More recent lode gold exploration activity started in the early 1980s' following a dramatic increase in the price of gold. Numerous claims were staked to cover prospective vein gold sources of known placer streams near Cranbrook, including this part of Perry



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Chapleau Resources Ltd.

| | |
|--------------------------|--|
| ZINGER PROPERTY | |
| Property Location | |
| Map | |
| Date: Jan/04 | |
| FIGURE 1 | |



NTS Mapsheet 82F050

Chapleau Resources Ltd.

ZINGER PROPERTY
Drill Hole Location
Map

Scale: 1:20,000

Date: Jan/04

FIGURE 2

Creek. A program of prospecting, soil sampling, VLF-EM surveys, geologic mapping, bulldozer trenching, heavy mineral concentrate sampling was carried out (Troup, Wong, 1981; Holcapek, 1982). Some of the larger quartz veins ("lodes") were drilled but the drilling returned only sporadic (although locally high-grade) intercepts (Ridley, Troup, 1984; Hardy, 1986).

In 1985 Partners Oil and Minerals Ltd. took reconnaissance soil samples along the trail above Gold Run Lake and detected significant gold anomalies (Brewer, 1985, A.R. 15,284). In 1987 they conducted grid soil sampling and established the presence of a large and rather strong gold anomaly (Brewer, 1987, A.R. 16,656).

Also in the mid-1980s', the old "Yellow Metal" prospect was explored using soil geochemistry and ground geophysics (Mark, 1986, A.R. 15,387).

In 1993 Consolidated Ramrod Gold Corporation staked a large claim block in the area. Their work included soil geochemistry, road building, trenching and diamond drilling in the area of the present Zinger claims. Trenching near the approximate up-slope cut-off of one of the soil anomalies exposed a strong NNE-striking gold-mineralized quartz vein/shear zone system (Klewchuk, 1994, A.R. 23,398).

In 1997 and 1998 VLF-EM surveys were conducted over parts of the claims; some survey lines crossed one of the Ramrod's gold-in soil anomalies. A northwest trending VLF-EM anomaly was identified, crossing regional stratigraphy a short distance west of a strong gold-in soil anomaly (Klewchuk, 1998, A.R. 25,634). In 1999 more detailed surface prospecting and rock geochemistry established the presence of widespread anomalous gold in bedrock, associated with quartz veinlet breccias and pyrite mineralization (Klewchuk, 2000, A.R. 26,216).

In 2000 National Gold Corporation acquired the current Zinger claims and conducted extensive soil sampling program. Soil samples were collected on two separate grids. The smaller "Gold Run Lake grid" consisted of 89 samples collected on three separate east-west lines spaced 100 meters apart immediately north of Gold Run Lake, on the Zinger 24 and 83 claims. The larger "Heart Lake grid" consisted of 154 samples taken along eight east-west lines spaced 100 meters apart and covering an area around Heart Lake on the Zinger 17, 19, 32 and 47 mineral claims.

On the "Gold Run Lake grid", sixteen of the 89 samples (18%) returned gold values of 100 ppb and more, with a maximum gold value of 403 ppb. Higher values tend to be spread over the grid area with one 4-sample cluster (107 to 297 ppb) near the western end of the middle grid line, approximately 200 meters northwest of Gold Run Lake. On the "Heart Lake grid", only nine of the 154 soil samples returned gold values >100 ppb (6%) but values range up to 520 ppb Au, and six of the nine higher values are >200 ppb Au. Most of the higher gold values are from west of Heart Lake (Klewchuk, 2001).

Also in 2000, National Gold Corporation conducted a limited program of rock geochemical sampling (total of 136 rock samples). These samples were collected

primarily in the Heart Lake area, where comparatively little exploration work had been undertaken in the past. A few rock samples were taken as a follow-up of work done in 1999. The samples returned quite high numbers, including 96 samples (71%) exceeding 100 ppb Au, 47 samples (35%) exceeding 500 ppb Au, 34 samples (25%) exceeding 1000 ppb Au, 10 samples (7%) exceeding 5000 ppb Au, and 4 samples (3%) exceeding 10,000 ppb Au. These results have effectively demonstrated widespread gold mineralization in bedrock on the Zinger claims, primarily in the Heart Lake area. Combined with previous rock geochemistry done on the property, they have demonstrated anomalous gold over a northeast strike length of 3.5 km and over a northwest cross-strike extent of at least 2.0 km (Klewchuk, 2001, 2003).

In 2002 Chapleau Resources Ltd. conducted a one-day due diligence visit to the Heart Lake area and to the west, on a few previously trenched showings situated on the ridge (Perry Creek-Hellroaring Creek divide). Chip rock sampling of broad pyritic zones of silicification hosting northeast-trending auriferous quartz veins in the Heart Lake area returned values to 1.425 g/t Au across 1.5 meters and 3.83 g/t Au across 1.0 meter; grab and composite grab sampling of similar material returned values to 9.60 g/t Au. Sampling of quartz-chalcopyrite and quartz-galena veins from a pit on the ridge (divide) excavated by explorers in the early 20th century returned values to 23.7 g/t Au. Sampling of quartz veins and silicified metasediments within several nearby trenches returned values to 4.43 g/t Au (Schulze, 2003).

1.30 Summary of Work Done

The 2003 exploration program involved surface prospecting and rock sampling, grid soil sampling and diamond drilling. A total of 1,496 grab and chip rock samples were collected in the course of prospecting. A total of 6,356 grid soil samples were collected. Phase 1 and 2 drilling program included the drilling of 20 diamond drill holes of NQ size, totaling **3317.2 meters**. Access involving establishing the new roads and drill pads was necessary.

2.00 General Geology of the Property

The property area is underlain by mid-Proterozoic sediments of the Purcell Supergroup that have been intruded by the mid-Cretaceous Bayonne plutonic suite.

2.10 Precambrian metasediments and intrusives

The Purcell Supergroup is a thick sequence of terrigenous clastic, carbonate, and minor volcanic rocks. The basal *Aldridge Formation*, as exposed in Canada, is siliciclastic turbidites about 4000 meters thick. It is informally divided into the Lower, Middle, and Upper members. The Lower Aldridge, the base of which is not exposed, is about 1500 meters of rusty weathering (due to pyrrhotite), thin to medium bedded argillite, wacke and quartzitic wacke generally interpreted as distal turbidites. The Sullivan SEDEX

orebody occurs at the top of this division. The Middle Aldridge is about 2500 meters of grey to rusty weathering, dominantly medium bedded quartzitic wacke turbidites with periodic inter-turbidite intervals of thin bedded, rusty weathering argillites some of which form finely laminated marker beds (time stratigraphic units correlated over great distances within the Aldridge/Prichard basin). The Upper Aldridge is about 300 meters of thin bedded to laminated, rusty weathering, dark argillite and gray siltite often in couplet-style beds. The Aldridge Formation is overlain by the **Creston Formation**, consisting of quartzites and gray, green and maroon wackes representing tidal flat to deltaic depositional environments forming a sequence up to 1800 meters thick. The Creston Formation is in turn overlain by predominantly dolomitic silstones of the **Kitchener Formation**. The Purcell Supergroup has been intruded by sills, somewhat discordant sheets and dykes of the 1433 Ma \pm 10 Ma **Moyie Sills suite**, most prominent in the lower portions of the Aldridge Formation.

2.20 Cretaceous Bayonne plutonic suite

The Purcell Supergroup has been intruded by the **mid-Cretaceous Bayonne plutonic suite**, occurring as an arcuate belt extending along the eastern edge of the Kootenay Arc from northwest of Salmon Arm, British Columbia, through the Revelstoke, Golden and Cranbrook area, and beyond the Canada-USA border (Logan, 2002). This intrusive suite is one of a number of mid-Cretaceous plutonic suites traced along the eastern rim of the Cordilleran from Alaska to Yukon and British Columbia and further south to the USA. Together, these intrusive suites determine a global-scale metallogenic province (or belt) of intrusive-related gold mineralization including a number of large deposits known in Alaska, Yukon, British Columbia and probably extending further south to the Carlin and related group of mining districts in Nevada.

The intrusives of the Bayonne plutonic suite consist largely of monzogranite to granodiorite and biotite to biotite-muscovite granites. The hornblende-biotite granites are metaluminous to weakly peraluminous; two-mica granites, aplites and pegmatites are strongly peraluminous. Trace element analysis suggests the Bayonne plutonic suite intrusives were likely derived from crustal melting in response to crustal thickening along the North American Craton margin (Logan, 2002).

Numerous Bayonne plutonic suite intrusives occur within the Cranbrook area, including the largest Reade Lake stock, with determined (K-Ar method) radiological age of 122 Ma (Hoy and Van der Hayden, 1988). The stock is strongly alkalic, with increasing alkali feldspar content with increasing magmatic differentiation. The smaller Kiakho stock (94 Ma, U-Pb method) is found underlying the Bar gold prospect. A definite chain of small to larger quartz monzonite to granodiorite intrusives is located west of the Zinger property and can be traced northeast, i.e., parallel to the major direction of the mineralized zones found on the Zinger property. A small granodiorite stock crops out on the ridge west of Hellroaring Creek about 2 kilometers west-northwest of the Zinger property. Another, larger intrusive crops out on the ridge west of Hellroaring Creek about 4 kilometers north

of the Zinger property. Gold mineralization on the Zinger claims may be related to felsic intrusive activity represented by these plutons.

2.30 Tectonic features

The structural pattern of the area is determined by at least three or four major (regional-scale) fault systems. First, the major northwest-southeast fault zone occurred roughly parallel to the orientation of the major Cordilleran orogenic belts extends through the whole area. Second, a wide district to regional-scale fault zone occurred as transverse to the first one extends southwest-northeast. Third, a number of east-west narrower and often concealed fault zones ("Syenite trends") occur throughout the area. There is also another quite remarkable west-northwest (310-320o) fault system (so called "Vine vein trend") represented by discontinuous and often concealed fault and deformation zones. Together, these faults form a complex (and obviously multiple re-activated) structural network, with numerous zones of their mutual (locally – triple) intersection zones that acted as structural "traps" and control the majority of the gold and related mineralization occurred in the area.

This fault network is superimposed on the variously-sized folded structures which appear to have importance in controlling the hydrothermal mineralization.

2.40 Adjacent properties

The Zinger property is bordered to the west by a number of properties covering the northeast-trending chain of felsic intrusives mentioned above. These adjacent properties include the Gar property covering the larger intrusive and related gold mineralization found in some 4 km north of the Zinger claims, and its extensions to the southwest and northeast, respectively. The later covers, in particular, the Leader gold-copper-lead showing. In total, these adjacent claims cover an extensive strip of the ground extending parallel to the Zinger claims. These claims are a portion of the Cranbrook Gold Project currently exploring by Chapleau Resources. To the east, across the Perry Creek valley, a number of claim blocks cover another parallel (northeast-trending) mineralized structure.

2.50 Local geology of the property

The Zinger property is underlain mainly by rocks of the Creston Formation with the extreme western edge of the claim block possibly underlain by Kitchener Formation rocks (Klewchuk, 2001). Kitchener Formation crops out west of the claim block along the Hellroaring Creek road and the lowermost bedrock exposures on the west edge of the property appear to be near the Creston-Kitchener contact. On the property, the Creston Formation consists mainly of shallow water laminated and thin bedded argillites, medium thick bedded siltstones and medium and thicker bedded quartzites. The lithologic character can vary extensively over a short distance, making it difficult to block out separate map-units.

Argillaceous and silty beds are vari-colored with shades of green, gray, blue-gray, purple and brown. Quartzites and siltstones are white, light purple to pink, and shades of light brown and gray. Thicker quartzite and silty quartzite beds are commonly graded or have cross-bedding and/or internal laminations. Mud-chip breccias are not uncommon; these are usually less than one meter in thickness and typically purple in color but can also occur within white graded quartzites. Many argillite beds display mud cracks, attesting to the shallow water depositional regime. Extensive quartz veining is present over the property but varies in intensity from place to place.

According to P.Klewchuk (2001), beds mostly strike northeasterly and dip moderately to steeply to the northwest. The variation in dip is probably related to drag folding along steeply dipping fault and shear structures that parallel the strike of beds but have generally steeper dips. Where drag folding has been observed, the sense of movement is west side up, suggesting reverse or thrust faulting. The strike and dip of beds is commonly slightly wavy and there is local thickening and thinning of individual beds, apparently due to deformation. Across the claim block there is widespread structural deformation with numerous scattered fault and shear zones. These zones of deformation cannot always be followed along strike; they appear at least locally to die out, suggesting 'en echelon' or reticulate pattern of development. Argillaceous zones have responded to deformation in a more ductile manner than the quartzites and have taken up most of the stress as they are typically more sheared, usually with an abundance of thin wavy quartz veins. Quartzites and siltstones are locally brecciated with a matrix of usually narrow quartz veins. Fault repetition of the Creston Formation strata probably exists on the property but the amount of displacement on any of the fault structures has not been determined.

Development of quartz veins and shearing on the property appears to have occurred at about the same time. In a few places there is evidence of northwest structure breaking up northwest quartz veins but elsewhere northwest veins cut across northeast shearing.

A number of gabbro dikes striking northeast (i.e., parallel or almost parallel to the bedding) occur in the Creston Formation on the eastern flank of the Zinger claims. These are presumably part of the Moyie Intrusions, which are considerably more prolific in the underlying Aldridge Formation (not exposed on the Zinger claims). These bedding-parallel dikes appear to be sills although they may be structure-parallel dikes. Locally, the gold-bearing quartz stockwork and veins are superimposed on the dikes or found occupying parallel structural zones.

A strongly magnetic gabbro dike striking roughly east-west occurs within the southern portion of the Zinger claims. This dike mapped near old workings is about 15 meters wide, fine to medium grained, and trends roughly east-west, crossing the regional structure. West of Gold Run Lake this gabbro is broken up by NNE structures and locally extends into the NNE structures. The gabbro is altered with carbonate, magnetite and epidote common. An adit is developed on the upper (south) contact of the gabbro dike, where it is carbonate-altered and sheared. A thin quartz breccia zone is also developed on this contact (Klewchuk, 2000).

In general, the property geology can be simplified as a large mineralized package exceeding 15-20 km in strike length and tracing one of the most significant lineament zones found in the East Kooteney region. The package includes a number of sub-parallel faulting and deformation zones following along the northeast-striking sequence of intercalating metasediments (quartzites and argillites) intruded by concordant or semi-concordant gabbroic sills and dykes. This type of geological setting as well as local occurrence of greenschists facies metamorphism and banded hematite-enriched units suggests some "greenstone belt" affinity of the mineralized package.

To date, the internal structure of the mineralized package is quite poorly understood especially as to mutual relationships of various faulting and deformation zones, their relative ages and importance in controlling the mineralization. In this regard, it seems to be clear that most intensely mineralized sectors are related to some transverse fault zones crosscutting the package. Some of these transverse faults are well developed whereas others are concealed and can be traced by the "chains" of mineral occurrences (including these traced from the outside the prospect).

In addition, of special importance could be the evidences for intense folding occurred within the prospect. In particular, it has been long time postulated that the area, based on a regional view, lies along the crest of the Purcell geoanticline; isoclinal folds having amplitudes of up to 50 meters with axis plunging at 30° north as well as the folds plunging southwesterly have been observed (Leech, 1957). Further, it has been observed that some of the mineralized zones are controlled by foliation related to the folded structures rather than to the larger fault zones transecting the prospect. On the other hand, many of the folds observed are, in turn, related to the larger faults representing the drag-folds; where drag folding has been observed, the sense of movement is west side up, suggesting reverse or thrust faulting (Klewchuk, 2001). P.Klewchuk (2003) reported small monoclinical kink folds controlling the gold mineralization in the central part of the Zinger prospect from north of Liverpool Creek to north of Gold Run Lake. Individual kink fold zones strike approximately 070° and dip 15 to 25° southeast. The hinge areas of the folds, where greater dilatency and brecciation were developed, host a concentration of pyrite- and gold-bearing thin lensey quartz veins.

2.60 Alteration and mineralization

Various styles of hydrothermal alteration are very broadly occurred in the sedimentary rocks found on the Zinger property. There are at least three or four various (subsequent ?) mineral assemblages (stages of mineralization ?), and they are occurred in correspondingly various structural settings:

1. Northeast-striking (about 20°), vertical or steeply (70-85°) northwest-dipping quartz-sericite (+pyrite, ferrous carbonate, occasional galena and chalcopyrite) stringers, veinlets, veins and wider pervasive alteration and stockwork zones represent most abundant mineralization. Locally the stockworks contain up to 50

stringers per meter and form broad (up to 30-50 meters wide) and extended (up to 300-400 meters in strike length) zones. The stockworks bear most intensive and consistent gold mineralization grading from a few hundred ppb Au to several g/t Au, although barren ones are also common. These stockworks are distinguished as the "Zinger-type mineralization".

2. Northeast-striking (about 20o), vertical or steeply (70-85o) northwest-dipping massive quartz veins (with minor sericite, pyrite and ferrous carbonate) vary in thickness from 0.5-1 meter to 10-15 meters. Some individual veins exhibit significant strike extent (up to 150-200 meters); a number of more prominent zones hosting these veins were followed for 3-5 km almost without discontinuities. These veins are often surrounded by and generally show close relations to the quartz-sericite (+pyrite, carbonate) stockworks mentioned above. Locally (on deeper levels ?) these veins contain galena, sphalerite (occasionally in high concentrations – up to 20-30% together with pyrite) and sporadic arsenopyrite and chalcopyrite, although generally the sulfide content is low. Scheelite occurs locally.

These massive quartz veins ("lodes") were in the focus of the exploration within the area since the end of the 19th century. The best known examples include the Columbia Vein ("the Columbia Mines") that was explored and partially mined by a 150 meter long adit (now caved), a 15 meter deep shaft and several hundred feet of surface trenches and pits. The adit known as "Scorgie tunnel" has gold values obtained throughout the tunnel as high as 50.15 g/t Au with an apparent average grade of 9 g/t Au. Sampling by Gallant Gold Mines in 1981 confirmed the presence of gold; assays of 13.1 g/t Au, and 9.77 g/t Au were obtained from the Columbia workings. The Columbia vein is on average 9-12 meter wide in this area. Another showing called "the Homestake mine" is located east of the Columbia mine; it is characterized by locally high grade gold, with the values up to 96.45 g/t Au in select grab samples and one drill intersection reported 9.46 g/t Au over 1 meter. To the south, the Columbia mine vein structure is traced to the "Shakespeare showing" where gold values up to 32 g/t Au were reported (Brewer, 1997). However, gold mineralization found in these veins is typically erratic and usually not exceeding a few g/t Au.

3. Northeast-striking (about 20o), flat to moderately (10-40o) west-dipping quartz-hematite stringers, typically very thin (about 5 mm), form a weak stockwork (locally up to 5-10 stringers per meter but usually less) spread throughout the property but relatively more intense in its southern portion. Usually these stringers are barren but in a few cases they returned up to 6 g/t Au.

4. Roughly east-west striking (60-70o), steeply (70-90o) south-dipping quartz (+pyrite) veins, typically narrow (0.5-5 meters thick), were traced for up to 300-400 meters strike extent; they bear low gold values (50-100 ppb Au), with just sporadic enrichment up to 10 g/t Au in the intersections with the northeast-striking stockwork zones.

5. West-northwest striking (290-320°), steeply (70-90°) south-southwest dipping, quartz-chlorite-hematite-ferrous carbonate veins and veined zones, typically narrow (from a few centimeters to 5 meters), were traced for over 1000 meters strike extent; they are typically barren and appear to represent the latest mineralizing event. Significant displacements of the previously formed (including gold-bearing) mineralized zones often occurs along these veins.

The northeast-trending mineralized zones form the major structural pattern of the Zinger prospect. These larger mineralized zones are 200-300 meters in total width but incorporate numerous narrower, pinching and swelling mineralized lenses and "strips" varying from a few meters to few tens of meters in width and from tens to hundreds of meters in strike length separated by barren intervals. The zones are steeply-dipping, with the down-dip extent locally (in mountainous sectors) observed for 300-400 meters. To date, at least 7-8 larger northeast-striking linear mineralized zones have been identified and partially traced in non-overburden areas for more than 1-5 km along strike; locally abundant mineralized float indicates the possibility for other mineralized zones to exist in the sectors of overburden. The overall strike extent of the mineralized package was not completely determined (remains open-ended) but exceeds at least 10 km, locally exceeding at least 3 km in width.

The mineralized zones comprise intense bedding-parallel and minor cross-cutting auriferous quartz stockworks composed of quartz, quartz-ferrous carbonate, quartz-sericite and quartz-sulfide (pyrite, galena, sphalerite, chalcopyrite, etc.) mineral assemblages. Locally, wider massive quartz veins situated 'en echelon' are found in the middle (pivotal) parts of the stockworks; less often, these quartz veins represent the major structural element of the mineralized zones. Visible gold has been identified in rocks and panning concentrates on a number of showings. A total of 395 rock grab and chip samples were taken in 2003 to characterize outcropping and subcropping auriferous zones of the most mineralized portion of the prospect; 5 (1.3%) of them returned values exceeding 10 g/t Au, 50 (12.6%) – values in between 1 g/t and 10 g/t Au, 40 (10.1%) – values in between 0.5 g/t and 1 g/t Au, and 150 (38.0%) – values in between 0.1 g/t and 0.5 g/t Au (i.e., 62% of the rock samples returned values exceeding 0.1 g/t Au). The consistency of the higher gold values varies for different mineralized zones and generally increases within the stockworks versus massive quartz veins.

The Zinger prospect incorporates at least three relatively more intensely mineralized and conditionally outlined sectors referred to as Central Zinger, North Zinger and South Zinger sectors, respectively, each exceeding approximately 1.5 km by 2.5 km in surface area. In fact, however, it may be found that there is no geological margin separating these sectors; instead, there may be a gradual change of the character of mineralization.

The Central Zinger sector is characterized by almost equal development of auriferous quartz stockwork (in the western part) and massive quartz-sulfide veins (in the eastern part), both northeast-striking. Numerous (several hundred) outcrop grab and chip (including channel chip) samples returned highly anomalous gold values ranging from a few hundred ppb (parts per billion) to several grams/tonne Au, locally up to 15-25 g/t Au.

The North Zinger sector («Columbia-Homestake mines») is centered in about 3 km north of the Central Zinger sector and is characterized by predominance of massive quartz-sulfide veins, with relatively minor occurrence of quartz stockwork. There are 4-5 large northeast-striking veined-deformation zones identified to date, and some of them were traced for 2-3 km, continuing the trend occurred on the Central Zinger sector. The North Zinger sector was the area of most active historical small-scale mining, with locally very high grade gold values reportedly in the range of 25-100 g/t Au. Most recent rock grab sampling, including that by SuperGroup Holdings Ltd., returned values ranging from several grams/tonne to 100 g/t Au. Notably, there is a number of thick crosscutting (east-west-oriented) quartz veins within this sector.

The South Zinger («Gold Run Lake») sector is centered in about 2 km south of the Central Zinger sector, and is characterized by a strong gold-in-soil anomaly exceeding 2 km across. The gold-in-soil values locally exceed 1,000 ppb (1 g/t) Au, with most common 50-300 ppb. Although most of the area is overburden and covered by intense vegetation, limited outcrops suggest the presence of a large auriferous quartz stockwork, with minor importance of massive quartz veins. Some of these veins returned values up to 5-15 g/t Au, with historical data on up to 3.9 oz/T Au in grab samples. A notable feature of the sector is the presence of crosscutting (east-west-striking) lamprophyric dykes and numerous east-west-striking quartz veins.

The Central Zinger and South Zinger sectors were the focus of the Company's drilling program during the summer of 2003. The drilling revealed numerous intercepts of low-grade gold mineralization. They are listed and discussed in the respective section below.

3.00 Prospecting and Rock Sampling

Prospecting has been conducted in 2003 over significant portions of the Zinger prospect, however, not exceeding some 20-30% of the total claim block area. A number of linear mineralized zones has been identified; they comprise intense bedding-parallel and minor cross-cutting quartz stockworks composed of auriferous quartz, quartz-ferrous carbonate, quartz-sericite and quartz-sulfide (pyrite, galena, sphalerite, chalcopyrite, etc.) mineral assemblages. Locally, wider quartz veins situated 'en echelon' are found in the middle (pivotal) parts of the stockworks; less often, massive quartz veins and lenses represent the major structural element of the mineralized zones. Visible gold has been identified in rocks and panning concentrates on a number of showings. A total of 1,496 rock grab and chip samples were collected and assayed.

In some portions of the prospect, the prospecting was accompanied by geological and structural mapping of mineralized zones. The mapping was intended to determine the continuity of the mineralization revealed in the course of previous initial and detailed prospecting.

In particular, the mapping has generated a substantial increase in the number of the known mineralized zones and revealed their significant lateral extent, with the larger of them extending for more than 1-5 km along strike. These larger mineralized zones are of some 200-300 meters in total width but incorporate numerous narrower, pinching and swelling mineralized "lenses" and "strips" (from a few meters to few tens of meters in width and from tens to hundreds of meters in strike length) separated by barren intervals. The zones are steeply-dipping, with the down-dip extent locally (in mountainous sectors) observed for some 300-400 meters. To date, at least 7-8 larger northeast-striking linear mineralized zones have been identified and partially traced in non-overburden areas; locally abundant mineralized float indicates the possibility for other mineralized zones to exist in the sectors of overburden. Although the overall strike extent of the mineralized package was not completely determined (remains open-ended), it exceeds at least 10 km, locally exceeding at least 3 km in width.

4.00 Grid Soil Sampling

Grid soil geochemical sampling was conducted over the prospect to determine possible lateral extent of the mineralization by outlining the gold-in-soil geochemical anomalies. The grid covered the area of approximately 18 km by 3 km. The distance between soil sampling lines was 200 meters in the central portion of this area and 600-1800 meters on its periphery. The distance between soil samples in the lines was 25 meters. Some parts of the area were covered by soil grid sampling by previous operators. The total number of soil samples taken by the Company in 2003 on the Zinger Prospect was 6,356; about 2,500 soil samples were taken by previous operators.

Grid soil sampling on the Zinger prospect revealed a large complex gold-in-soil anomaly and a number of smaller ones located on its strike extension (Figure 8). The core portion of this larger anomaly contoured on the 25 ppb Au value is about 3,000 meters by 2,800 meters; within this area, nearly 50% of the values exceed 50 ppb Au and about 20% exceed 100 ppb Au (about 5% of the values exceed 1,000 ppb Au). To the southwest, the anomaly extends outside the sampled area and remains open-ended. To the northeast, the anomaly splits into several smaller elongated anomalies tracing for another 5.0 km; however, strong lead- and weaker copper-in-soil anomalies are traced for the whole extent of the sampled area (i.e., for approximately 18 km) and remain open-ended.

5.00 Diamond Drilling

A total of 3317.2 meters of diamond drilling in 20 holes were completed during the Phase 1 and Phase 2 drilling programs extending from June 13 to July 31, 2003 and from September 12 to October 15, 2003, respectively.

The holes DDH Z-03-01 through DDH Z-03-11 were drilled during the Phase 1 program. DDH Z-03-01, Z-03-02 and Z-03-03 were drilled as a fan from a single setup. Hole Z-03-04 was drilled from a second setup located about 275 meters southeast of the first. DDH

Z-03-05 and Z-03-06 were drilled as a fan from a single setup (third setup) located some 230 meters southeast of the second setup. DDH Z-03-07 was drilled from the fourth setup located about 50 meters further southeast of the third setup. DDH Z-03-08 and Z-03-09 were drilled from the fifth setup situated about 380 meters northeast of the fourth setup. DDH Z-03-10 was drilled from the sixth setup situated 300 meters northeast of the fifth setup. DDH Z-03-11 was drilled from the seventh setup situated 175 meters further northeast of the sixth setup.

The holes DDH Z-03-12 through DDH Z-03-20 were drilled during the Phase 2 program. Every hole was drilled from a separate setup.

The following Table states location, azimuths, dips and lengths of the diamond drill holes drilled at the Zinger property in 2003.

Table 1: Locations, azimuths, dips and lengths of the diamond drill holes drilled at the Zinger property in 2003.

| NN | DDH | Location (UTM NAD 83) | | Azimuth | Dip | End of Hole (m) |
|----|---------|-----------------------|----------|---------|------|-----------------|
| | | Easting | Northing | | | |
| 1 | Z-03-01 | 560628 | 5476229 | 090o | -45o | 235.7 |
| 2 | Z-03-02 | 560628 | 5476229 | 270o | -45o | 163.4 |
| 3 | Z-03-03 | 560628 | 5476229 | 270o | -60o | 199.1 |
| 4 | Z-03-04 | 560754 | 5475988 | 290o | -45o | 190.9 |
| 5 | Z-03-05 | 560956 | 5475811 | 118o | -45o | 214.0 |
| 6 | Z-03-06 | 560956 | 5475811 | 118o | -60o | 232.6 |
| 7 | Z-03-07 | 561035 | 5475765 | 225o | -45o | 277.9 |
| 8 | Z-03-08 | 561190 | 5476079 | 255o | -45o | 164.6 |
| 9 | Z-03-09 | 561190 | 5476079 | 255o | -65o | 165.0 |
| 10 | Z-03-10 | 561315 | 5476361 | 265o | -45o | 215.9 |
| 11 | Z-03-11 | 561301 | 5476538 | 075o | -45o | 116.5 |
| 12 | Z-03-12 | 560864 | 5476473 | 324o | -45o | 121.3 |
| 13 | Z-03-13 | 560093 | 5476252 | 118o | -45o | 132.6 |
| 14 | Z-03-14 | 560271 | 5476596 | 298o | -45o | 169.5 |
| 15 | Z-03-15 | 560064 | 5476093 | 252o | -45o | 73.8 |
| 16 | Z-03-16 | 560212 | 5476172 | 130o | -45o | 175.6 |
| 17 | Z-03-17 | 558680 | 5474890 | 118o | -45o | 168.9 |
| 18 | Z-03-18 | 558530 | 5474700 | 118o | -45o | 84.1 |
| 19 | Z-03-19 | 558310 | 5474100 | 166o | -45o | 98.1 |
| 20 | Z-03-20 | 559400 | 5474650 | 118o | -45o | 117.7 |

Drilling was done by Lone Ranger Drilling, and the core was logged by D.L.Pighin, P.Geo. The core is stored in covered core racks on the Vine property near the north end of Moyie Lake.

Drill Holes Z-03-01, Z-03-02 and Z-03-03 (first setup)

These drill holes were drilled from a single setup situated west of mineralized zone representing typical "Zinger style mineralization", striking 20o NE and measuring up to 25-30 meters in width in the middle of its lateral extension traced for about 100-150 meters. On surface, this zone returned consistent gold numbers (in the range of 1.0 to 3.8 g/t Au) during previous rock sampling performed by the SuperGroup and re-confirmed by Chapleau's rock grab and chip sampling in 2002. As a result, this zone was considered as a primary drill target at the beginning of the drill program. Due to the presence of a rock cliff immediately west of the zone, the holes were collared inside the zone, close to its western contact. One hole (DDH Z-03-01) was drilled from west to east to intersect the major portion of the mineralized zone on depth. The two other holes (DDH Z-03-02 and Z-03-03) were drilled from east to west to intersect the western flank of the zone and possible dip extension of a number of smaller parallel zones found further west and returned also high gold numbers (up to 6.8-9.6 g/t Au) in the course of surface sampling in 2002.

No intercepts exceeding 1 g/t Au were encountered in the holes. However, holes DDH Z-03-02 and Z-03-03 returned a number of lower grade intercepts. They are summarized in Table 2.

Table 2: Intercepts exceeding 0.1 g/t Au, DDH Z-03-02 and Z-03-03¹

| Hole | Interval (meters) | Width (meters) | Gold (g/t) by metallic screen fire assay | | | Average for the interval (g/t Au over meters) |
|---------|-------------------|----------------|--|----------------------------|-----------------------------|---|
| | | | Total Au | Au in +100 micron fraction | Au in - 100 micron fraction | |
| Z-03-02 | 66.3-67.3 | 1.0 | 0.10 | 1.08 | 0.08 | 0.422/5.0 m |
| | 67.3-68.3 | 1.0 | 0.20 | 2.78 | 0.17 | |
| | 68.3-69.3 | 1.0 | 0.90 | 2.87 | 0.88 | |
| | 69.3-70.3 | 1.0 | 0.64 | 2.53 | 0.62 | |
| | 70.3-71.3 | 1.0 | 0.27 | <0.05 | 0.28 | |

¹ Here and in other Tables: shading is used to emphasize continuous intervals.

| | | | | | | |
|---------|-------------|-----|------|-------|-------|--------------------|
| Z-03-02 | 136.0-136.5 | 0.5 | 0.14 | 0.68 | 0.13 | 0.125/2.0 m |
| | 136.5-137.0 | 0.5 | 0.12 | <0.05 | 0.12 | |
| | 137.0-137.5 | 0.5 | 0.09 | <0.05 | 0.10 | |
| | 137.5-138.0 | 0.5 | 0.15 | <0.05 | 0.15 | |
| Z-03-03 | 47.3-48.3 | 1.0 | 0.11 | 6.74 | <0.05 | 0.110/1.0 m |
| | 69.3-70.3 | 1.0 | 0.52 | 1.17 | 0.51 | 0.350/2.0 m |
| | 70.3-71.3 | 1.0 | 0.18 | 0.52 | 0.18 | |
| | 125.0-125.5 | 0.5 | 0.18 | 0.17 | 0.18 | 0.163/1.5 m |
| | 125.5-126.0 | 0.5 | 0.14 | 0.26 | 0.14 | |
| | 126.0-126.5 | 0.5 | 0.17 | 1.62 | 0.13 | |
| | 127.0-127.5 | 0.5 | 0.10 | <0.05 | 0.11 | 0.100/1.0 m |
| | 127.5-128.0 | 0.5 | 0.10 | <0.05 | 0.10 | |
| | 136.0-137.0 | 1.0 | 0.21 | 0.09 | 0.21 | 0.215/6.0 m |
| | 137.0-138.0 | 1.0 | 0.27 | 0.32 | 0.27 | |
| | 138.0-139.0 | 1.0 | 0.23 | 0.29 | 0.23 | |
| | 139.0-140.0 | 1.0 | 0.35 | 0.54 | 0.35 | |
| | 140.0-141.0 | 1.0 | 0.14 | 0.45 | 0.14 | |
| | 141.0-142.0 | 1.0 | 0.09 | 0.26 | 0.09 | |
| | 159.0-159.5 | 0.5 | 0.38 | 0.86 | 0.37 | 0.337/1.5 m |
| | 159.5-160.0 | 0.5 | 0.28 | 1.23 | 0.26 | |
| | 160.0-160.5 | 0.5 | 0.35 | 2.61 | 0.28 | |

All three holes intersected wide quartz-ferrous carbonate-sericite-pyrite stockworks composing generally bedding-parallel sub-vertical mineralized zones visually similar to that outcropping on surface. However, in contrast to the surface sampling data, not all of these stockworks bear gold mineralization. In particular, no gold numbers were returned by DDH Z-03-01. Even when these intersected mineralized zones bear some gold mineralization, the gold values are much lower compared to those obtained on surface. In addition, this low-grade gold mineralization occupies only portions of the stockwork zones encountered, and there are no visual differences between the gold-bearing and barren stockworks. This indicates a high degree of inconsistency of the gold mineralization. In other words, it looks like gold mineralization is confined to some localized portions of the stockworks. However, the gold-bearing mineralization was intersected at significant depth (over 150 meters from surface) indicating its considerable vertical extent.

Geochemically, there are no remarkable differences between gold-bearing and barren intervals of the stockworks. Although a few elevated (up to 200-300 ppm) lead and zinc

values correspond to some gold-bearing intervals, the contents of these elements as well as arsenic and copper are low and show no correlation with gold.

Drill Hole Z-03-04 (second setup)

This drill hole was drilled to test another mineralized zone striking 20o NE and traced for about 200-300 meters. This zone, having a surface width of about 10-12 meters for most of its strike extent, exhibits a sharp thickening (up to 30-50 meters) in its middle portion, which was targeted for drilling. On surface, this zone representing typical "Zinger style mineralization" returned numerous highly anomalous although inconsistent gold values varying from less than 5 ppb Au to 150-250 ppb Au, locally up to 982 ppb Au.

The drilling returned a number of low-grade intercepts summarized in Table 3.

Table 3: Intercepts exceeding 0.1 g/t Au, DDH Z-03-04

| Hole | Interval (meters) | Width (meters) | Gold (g/t) by metallic screen fire assay | | | Average for the interval (g/t Au over meters) |
|---------|-------------------|----------------|--|----------------------------|-----------------------------|---|
| | | | Total Au | Au in +100 micron fraction | Au in - 100 micron fraction | |
| Z-03-04 | 10.0-11.0 | 1.0 | 0.22 | 0.27 | 0.22 | 0.220/1.0 m |
| | 23.0-24.0 | 1.0 | 0.10 | 0.08 | 0.11 | 0.180/2.0 m |
| | 24.0-25.0 | 1.0 | 0.26 | 4.99 | 0.23 | |
| | 26.0-27.0 | 1.0 | 0.13 | 0.45 | 0.13 | 0.130/1.0 m |
| | 70.5-71.5 | 1.0 | 1.54 | 9.55 | 1.46 | 0.875/2.0 m |
| | 71.5-72.5 | 1.0 | 0.21 | 1.70 | 0.20 | |

The hole has intersected a broad interval (2.2-40.0 m) of widely scattered thin quartz-ferrous carbonate-pyrite veinlets, which incorporates several narrower portions of more intense auriferous veining. The presence of coarse gold has been indicated in a portion of this interval. Another interval of intense quartz veining with abundant pyrite was observed at 70.5-71.5 meters; this interval returned higher gold grades and also demonstrates the presence of coarse gold.

Geochemically, elevated copper (40-207 ppm), lead (19-333 ppm) and zinc (98-240 ppm) contents were recorded at 7.0-12.0 meters that has no correlation to any elevated gold values. In contrast, the interval of 70.5-71.5 meters returning the highest gold grades shows no increase in copper, lead, zinc and arsenic values.

Drill Holes Z-03-05 through Z-03-11 (third, fourth, fifth, sixth and seventh setups)

These seven holes tested one very long (traced for 2-3 kilometers, with possible extension up to 5 km) NE-striking (about 20°) mineralized zone. This zone incorporates a massive quartz core (surface width varies from 2-3 meters to 15-20 meters) surrounded by a quartz stockwork halo (5-20 meters from each side) that brings a total width of the mineralized zone to typically 10-15 meters with local thickening up to 50 meters across. Numerous old workings were discovered along this zone; some pits exceed 10 meters across being up to 5 meters dip. Apparently, these workings dealt with the portions of the zone locally enriched in sulfides (pyrite, arsenopyrite) and related gold. Visible gold was observed in a few locations in the rocks as well as in panning concentrate obtained from the crushed rocks and gauged material. On the east side of the zone, a thick (more than 5 meters across ?) gabbroic dike is found which is traced parallel to the zone for several hundred meters; farther northeast, two thinner (1-2 m each) parallel dikes continue the trend. Surface rock samples, however, returned mostly low gold values varying from less than 5 ppb Au to several tens of ppb Au, with sporadic values of few hundreds ppb and just a few samples returned the values in the range of 1-3 g/t Au.

The setups were situated to test the strike extension of the mineralized zone. The first two drill holes (DDH Z-03-05 and Z-03-06) were drilled from west to east (dip of 45° and 60°, respectively) from a single setup. DDH Z-03-07 was drilled from a setup situated on another side of the zone, in favorable location to intersect the thicker southern extension of the zone untested by the previous two holes. DDH Z-03-08 and Z-03-09 were drilled from west to east (dip of 45° and 65°, respectively) from a single setup situated about 360 meters northeast. DDH Z-03-10 was drilled from east to west from a setup situated about 290 meters farther northeast of the DDH Z-03-09 and Z-03-09. Finally, DDH Z-03-11 was drilled from west to east from a setup situated about 175 meters further northeast of the DDH Z-03-10.

The drilling returned a number of low-grade intercepts summarized in Table 4.

Table 4: Intercepts exceeding 0.1 g/t Au, DDH Z-03-05 through Z-03-11.

| Hole | Interval (meters) | Width (meters) | Gold (g/t) by metallic screen fire assay | | | Average for the interval (g/t Au over meters) |
|---------|-------------------|----------------|--|----------------------------|-----------------------------|---|
| | | | Total Au | Au in +100 micron fraction | Au in - 100 micron fraction | |
| Z-03-05 | 104.5-105.0 | 0.5 | 1.94 | 4.66 | 1.87 | 1.115/1.0 m |
| | 105.0-105.5 | 0.5 | 0.29 | 0.24 | 0.30 | |
| | 143.5-144.5 | 1.0 | 0.20 | 0.66 | 0.20 | 0.200/1.0 m |
| | 153.0-154.0 | 1.0 | 0.65 | 2.87 | 0.59 | 0.650/1.0 m |
| Z-03-06 | 190.5-191.0 | 0.5 | 0.18 | 0.97 | 0.16 | 0.130/1.0 m |

| | | | | | | |
|-------------------|--|-----|------|-------|------|--------------------|
| Z-03-06 Cont'd | 191.0-191.5 | 0.5 | 0.08 | 0.14 | 0.08 | |
| | 194.5-195.0 | 0.5 | 0.26 | 6.00 | 0.08 | 0.260/0.5 m |
| | 197.0-197.5 | 0.5 | 0.12 | 0.70 | 0.11 | 0.120/0.5 m |
| | 214.0-215.0 | 1.0 | 0.10 | <0.05 | 0.10 | 0.100/0.5 m |
| | 224.0-225.0 | 1.0 | 0.15 | 0.24 | 0.15 | 0.150/1.0 m |
| Z-03-07 | 13.1-14.1 | 1.0 | 0.11 | 0.18 | 0.11 | 0.110/1.0 m |
| | 20.6-21.1 | 0.5 | 0.10 | <0.05 | 0.11 | 0.100/0.5 m |
| | 175.3-175.8 | 0.5 | 0.49 | <0.05 | 0.50 | 0.490/0.5 m |
| | 220.5-221.5 | 1.0 | 0.13 | 0.14 | 0.13 | 0.165/2.0 m |
| | 221.5-222.5 | 1.0 | 0.20 | 0.28 | 0.20 | |
| Z-03-08 | 79.0-79.5 | 0.5 | 1.12 | 3.68 | 1.12 | 0.760/1.0 m |
| | 79.5-80.0 | 0.5 | 0.40 | 0.28 | 0.40 | |
| | 86.5-87.0 | 0.5 | 0.12 | <0.05 | 0.12 | 0.120/0.5 m |
| | 88.0-88.5 | 0.5 | 0.29 | 0.63 | 0.29 | 0.335/2.0 m |
| | 88.5-89.0 | 0.5 | 0.33 | 0.75 | 0.33 | |
| | 89.0-89.5 | 0.5 | 0.41 | <0.05 | 0.42 | |
| | 89.5-90.0 | 0.5 | 0.31 | <0.05 | 0.32 | |
| Z-03-09 | No intercepts of 0.1 g/t Au and higher | | | | | |
| Z-03-10 | 59.5-60.5 | 1.0 | 0.13 | 2.04 | 0.12 | 0.130/1.0 m |
| Z-03-11 | No intercepts of 0.1 g/t Au and higher | | | | | |

All the holes have intersected the mineralized zone targeted, in particular, DDH Z-03-05 – at 67.5-78.0 meters (quartz vein with 25% pyrite - at 69.5-71.0 meters, quartz vein with 70% pyrite and minor galena, sphalerite and tetrahedrite - at 76.0-76.5 meters) and another zone at 104.5-115.6 meters (intense quartz-ferrous carbonate stockwork composing about 50% of the core), DDH Z-03-06 – at 118.5-122.5 meters (quartz vein), DDH Z-03-07 – at 99.5-108.5 meters (quartz vein with 15-30% pyrite, with rare galena, sphalerite and tetrahedrite), DDH Z-03-08 – at 78.5-83.5 meters (quartz vein) followed by intense quartz-sericite-ferrous carbonate stockwork (30 veinlets per meter and more) at 83.5-91.5 meters, DDH Z-03-09 – at 108.5-120.9 meters (quartz vein, with 5-10% pyrite), DDH Z-03-10 – at 68.0-71.0 meters (quartz vein), and DDH Z-03-11 – at 63.5-68.0 meters (quartz vein). Besides the stockwork intervals noted, there are also many other intercepts of intense stockwork zones of various widths locally containing pyrite, galena, sphalerite, tetrahedrite, arsenopyrite, etc.

Few gold values were returned from the quartz vein intersected in the majority of the holes drilled despite the favorable surface indications noted above. Only DDH Z-03-08 returned quite weak gold numbers from a narrow interval within the quartz vein (0.760 g/t Au over 1.0 m). All other intercepts listed in Table 4 are found outside of the quartz vein and are related to quartz-ferrous carbonate-sericite-pyrite stockworks. This may reflect extremely erratic distribution of gold within the vein, or occurrence of the gold

only within some quite narrow intervals of the vein formed on its intersections with crosscutting controlling structures.

Geochemically, the drill holes returned a number of intercepts having elevated to strongly elevated contents of lead, zinc, copper and arsenic. In particular, lead content locally exceeds one-two thousand ppm, copper, zinc and arsenic – a few hundred ppm. The holes DDH Z-03-05 through Z-03-07 have intersected the Moyie dike, which returned generally elevated contents of silver (up to 2.4 g/t Ag), copper (up to 893 ppm, typically 200-300 ppm Cu) and some other characteristic elements (Mn, Ni, Sc, Ti, etc.).

Drill Hole Z-03-12 (eighth setup)

This drill hole was drilled to test another mineralized zone composing of typical “Zinger style mineralization” and exceeding 200 meters in strike length and 30-50 meters in width; including a halo of scattered mineralized stringers, the total width may exceed 90-100 meters. This zone strikes northeast (about 20°NE) and outcrops approximately 350 meters northeast and on strike with the mineralized zone composed of similar “Zinger style mineralization” and targeted by DDH Z-03-01 to Z-03-03, thus representing, probably, its strike extension. Surface grab sampling returned numerous highly anomalous gold values varying from 150 ppb Au to 1580 ppb Au, with one sample returned 14,700 ppb Au (14.7 g/t Au).

The drilling returned a number of low-grade intercepts summarized in Table 5.

Table 5: Intercepts exceeding 0.1 g/t Au, DDH Z-03-12.

| Hole | Interval (meters) | Width (meters) | Gold (g/t) by metallic screen fire assay | | | Average for the interval (g/t Au over meters) |
|---------|-------------------|----------------|--|----------------------------|-----------------------------|---|
| | | | Total Au | Au in +100 micron fraction | Au in – 100 micron fraction | |
| Z-03-12 | 3.0-4.0 | 1.0 | 0.12 | 6.24 | 0.10 | 0.120/1.0 m |
| | 13.0-14.0 | 1.0 | 0.18 | 0.18 | 0.19 | 0.198/4.0 m |
| | 14.0-15.0 | 1.0 | 0.17 | <0.05 | 0.17 | |
| | 15.0-16.0 | 1.0 | 0.19 | 5.12 | 0.16 | |
| | 16.0-17.0 | 1.0 | 0.25 | 0.85 | 0.25 | |
| Z-03-12 | 25.5-26.0 | 0.5 | 0.10 | 0.06 | 0.11 | 0.383/3.5 m |
| | 26.0-26.5 | 0.5 | 0.71 | 14.50 | 0.64 | |
| | 26.5-27.0 | 0.5 | 0.78 | 2.12 | 0.78 | |
| | 27.0-27.5 | 0.5 | 0.19 | <0.05 | 0.20 | |

| | | | | | | |
|-------------------|-----------|-----|------|-------|------|-------------|
| Z-03-12 Cont'd | 27.5-28.0 | 0.5 | 0.18 | 0.56 | 0.18 | |
| | 28.0-28.5 | 0.5 | 0.47 | 0.58 | 0.47 | |
| | 28.5-29.0 | 0.5 | 0.25 | 0.15 | 0.26 | |
| | 59.0-60.0 | 1.0 | 0.12 | <0.05 | 0.13 | |
| | 61.0-62.0 | 1.0 | 0.12 | 1.74 | 0.11 | 0.120/1.0 m |

The drill hole has intersected a broad interval of quartz-ferrous carbonate-sericite-pyrite stockwork ("Zinger style mineralization") of various intensity. It is especially intense at the interval of 25.5-33.0 meters. Similar to other holes that intersected "the Zinger style mineralization", the total stockwork area is wider than its portion containing gold values. The presence of coarse gold is also evident providing up to 20-50 times higher gold content in the coarse fraction as compared to that in fine fraction and in the sample totals. Some of the gold-enriched intervals locally exhibit anomalous lead and zinc values (up to 515 ppm Pb, 144 ppm Zn). Generally, however, the contents of Pb, Zn, Cu and As are very low.

Drill Holes Z-03-13, Z-03-14 and Z-03-15 (ninth, tenth and eleventh setups)

These drill holes were drilled to test a large mineralized zone composing of typical "Zinger style mineralization" and traced for at least one kilometer strike extent having a width of a few to several tens of meters. In fact, this zone can be subdivided for a number of smaller zones, a few meters to few tens of meters wide and up to a few hundred meters long each. This zone represents a portion of much wider and longer mineralized "strip" - one of the "strips" extending for several kilometers found on the Zinger prospect. This zone returned numerous elevated (100-2800 ppb Au) and locally high-grade (from 3.4-9.1 g/t Au to 21-25 g/t Au) gold values in the course of surface sampling. A number of old trenches and small open pits have been located within the zone. It is important that this zone is parallel and is situated some 500 meters west of the mineralized zone tested by DDH Z-03-01 to Z-03-03 and Z-03-12; the area between these two zones also incorporates a number of still un-tested mineralized zones (and a zone tested by DDH Z-03-16, see below).

The setups were situated to test the strike extension of the mineralized zone through some appreciable distance. DDH Z-03-14 was drilled 400 meters northeast of DDH Z-03-13, whereas DDH Z-03-15 was drilled 175 meters southwest of DDH Z-03-13. DDH Z-03-13 was drilled from west to east; DDH Z-03-14 and Z-03-15 were drilled from east to west. It is important to note that there are many paralleling mineralized zones behind the drill collars and thus obviously were not tested by drilling.

The drilling returned a number of low-grade intercepts summarized in Table 6.

Table 6: Intercepts exceeding 0.1 g/t Au, DDH Z-03-13 through Z-03-15.

| Hole | Interval (meters) | Width (meters) | Gold (g/t) by metallic screen fire assay | | | Average for the interval (g/t Au over meters) |
|---------|-------------------|----------------|--|----------------------------|-----------------------------|---|
| | | | Total Au | Au in +100 micron fraction | Au in - 100 micron fraction | |
| Z-03-13 | 57.0-58.0 | 1.0 | 0.42 | 3.67 | 0.08 | 0.415/2.0 m |
| | 58.0-59.0 | 1.0 | 0.41 | 1.68 | 0.40 | |
| | 61.0-62.0 | 1.0 | 0.11 | 0.13 | 0.11 | 0.110/1.0 m |
| Z-03-13 | 66.0-66.5 | 0.5 | 0.76 | 30.3 | 0.51 | 0.361/3.5 m |
| | 66.5-67.0 | 0.5 | 0.20 | 1.69 | 0.19 | |
| | 67.0-67.5 | 0.5 | 0.29 | 2.09 | 0.27 | |
| | 67.5-68.0 | 0.5 | 0.26 | 5.11 | 0.22 | |
| | 68.0-68.5 | 0.5 | 0.07 | 2.40 | 0.06 | |
| | 68.5-69.0 | 0.5 | 0.08 | 0.49 | 0.08 | |
| | 69.0-69.5 | 0.5 | 0.87 | 50.4 | 0.40 | |
| | 71.5-72.5 | 1.0 | 0.25 | 1.66 | 0.23 | 0.250/1.0 m |
| | 73.5-74.5 | 1.0 | 0.06 | 0.91 | 0.05 | 0.150/3.0 m |
| | 74.5-75.5 | 1.0 | 0.33 | 3.63 | 0.28 | |
| | 75.5-76.5 | 1.0 | 0.06 | 2.60 | <0.05 | |
| | 78.5-79.5 | 1.0 | 0.11 | 0.35 | 0.11 | 0.110/1.0 m |
| | 87.5-88.5 | 1.0 | 0.10 | 5.29 | <0.05 | 0.100/1.0 m |
| Z-03-14 | 31.5-32.0 | 0.5 | 0.70 | 1.53 | 0.69 | 0.700/0.5 m |
| | 50.0-51.0 | 1.0 | 0.19 | 0.34 | 0.19 | 0.190/1.0 m |
| | 101.0-101.5 | 0.5 | 0.30 | 6.41 | 0.20 | 0.300/1.0 m |
| | 102.0-102.5 | 0.5 | 0.13 | 0.69 | 0.12 | 0.450/3.0 m |
| | 102.5-103.0 | 0.5 | 0.08 | 0.50 | 0.07 | |
| | 103.0-103.5 | 0.5 | 1.35 | 2.81 | 1.33 | |
| | 103.5-104.0 | 0.5 | 0.26 | 0.68 | 0.25 | |
| | 104.0-104.5 | 0.5 | 0.65 | 5.82 | 0.43 | |
| | 104.5-105.0 | 0.5 | 0.23 | 0.54 | 0.22 | |
| | 105.0-106.0 | 1.0 | 0.18 | 0.71 | 0.18 | 0.180/1.0 m |
| | 120.5-121.5 | 1.0 | 0.11 | 1.29 | 0.09 | 0.230/3.0 m |
| | 121.5-122.5 | 1.0 | 0.34 | 0.08 | 0.35 | |
| | 122.5-123.5 | 1.0 | 0.24 | 0.21 | 0.24 | |
| Z-03-15 | 10.0-11.0 | 1.0 | 0.75 | 7.47 | 0.73 | 0.750/1.0 m |
| | 19.0-20.0 | 1.0 | 0.86 | 6.08 | 0.81 | 0.860/1.0 m |

| | | | | | | |
|---------|-----------|-----|------|------|------|-------------|
| Z-03-15 | 35.5-36.0 | 1.0 | 0.42 | 0.99 | 0.40 | 1.285/2.0 m |
| Cont'd | 36.0-36.5 | 0.5 | 2.24 | 3.21 | 2.22 | |
| | 36.5-37.0 | 0.5 | 1.41 | 24.5 | 1.16 | |
| | 37.0-37.5 | 0.5 | 1.07 | 6.82 | 1.00 | |
| | 50.0-51.0 | 1.0 | 0.24 | 0.73 | 0.24 | 0.443/3.0 m |
| | 51.0-51.5 | 0.5 | 0.69 | 2.02 | 0.68 | |
| | 51.5-52.0 | 0.5 | 0.73 | 2.86 | 0.68 | |
| | 52.0-53.0 | 0.5 | 0.38 | 1.93 | 0.35 | |
| | 54.0-55.0 | 1.0 | 0.17 | 0.98 | 0.17 | 0.170/1.0 m |
| | 59.5-60.0 | 0.5 | 0.32 | 6.00 | 0.29 | 0.320/0.5 m |

All three drill holes have intersected continuous mineralized zone revealing its strike extent in excess of 575 meters. The zone remains open along strike and down dip although it splits onto two narrower zones toward the northeast, as revealed by DDH Z-03-14. This most pronounced zone was intersected by DDH Z-03-13 at approximately 57.0-79.5 meters, by DDH Z-03-14 – at 101.0-123.5 meters (the zone splits into two narrower zones occurring at 101.0-106.0 meters and 120.5-123.5 meters), and by DDH Z-03-15 – at 35.5-60.0 meters. The total width of the zone is about 20-25 meters although it incorporates a number of narrower sections separated by lower-grade or barren intervals. In addition, a number of narrower mineralized zones were intersected outside (probably parallel to) this thicker zone.

No anomalous values of Pb, Zn, Cu, As were encountered in DDH Z-03-13; elevated Pb values (237-317 ppm) were returned from 31.5-32.0 meters and slightly elevated Pb and Cu values – at 102.5-110.8 meters in DDH Z-03-14; no anomalous Zn and As values were found in association with gold. In contrast, some intervals returned highly anomalous copper (up to 1270 ppm) and silver (up to 3.6 ppm) values but no associated gold was encountered in these intervals. Similarly, just slightly elevated lead values were returned in some auriferous intervals in DDH Z-03-15, with no As, Cu, Zn values.

Drill Hole Z-03-16 (twelve setup)

This drill hole was drilled to test a large mineralized zone composed of typical “Zinger style mineralization” and traced for at least 200 meters strike extent having a width up to 50 meters. This zone is parallel (to the east) to the zones tested by DDH Z-03-13 to Z-03-15 and, probably, represents a portion of another paralleling mineralized “strip” with possible significant strike. This zone returned numerous elevated (up to 1085-1255 ppb Au) gold values in surface grab samples. Several old trenches and small pits have been located within the zone.

The drilling returned a number of low-grade intercepts summarized in Table 7.

Table 7: Intercepts exceeding 0.1 g/t Au, DDH Z-03-16.

| Hole | Interval (meters) | Width (meters) | Gold (g/t) by metallic screen fire assay | | | Average for the interval (g/t Au over meters) |
|---------|----------------------|-------------------|--|-------------------------------------|--------------------------------------|--|
| | | | Total Au | Au in +100 micron fraction | Au in - 100 micron fraction | |
| Z-03-16 | 7.5-8.0 | 0.5 | 0.44 | 0.84 | 0.44 | 0.484/17.5 m |
| | 8.0-8.5 | 0.5 | 0.39 | 1.55 | 0.39 | |
| | 8.5-9.0 | 0.5 | 0.31 | 0.29 | 0.32 | |
| | 9.0-9.5 | 0.5 | 0.62 | 5.17 | 0.59 | |
| | 9.5-10.0 | 0.5 | 0.96 | 7.84 | 0.91 | |
| | 10.0-10.5 | 0.5 | 0.60 | 5.88 | 0.56 | |
| | 10.5-11.0 | 0.5 | 0.15 | 0.13 | 0.15 | |
| | 11.0-12.0 | 1.0 | 0.14 | 0.10 | 0.14 | |
| | 12.0-12.5 | 0.5 | <0.05 | <0.05 | <0.05 | |
| | 12.5-13.0 | 0.5 | 0.12 | 0.17 | 0.12 | |
| | 13.0-13.5 | 0.5 | <0.05 | <0.05 | <0.05 | |
| | 13.5-14.0 | 0.5 | 0.45 | 0.20 | 0.46 | |
| | 14.0-14.5 | 0.5 | 0.47 | 2.68 | 0.45 | |
| | 14.5-15.0 | 0.5 | 0.38 | 0.73 | 0.37 | |
| | 15.0-15.5 | 0.5 | 0.44 | 1.13 | 0.44 | |
| | 15.5-16.0 | 0.5 | 0.61 | 1.28 | 0.60 | |
| | 16.0-16.5 | 0.5 | 0.33 | 0.66 | 0.32 | |
| | 16.5-17.0 | 0.5 | 0.27 | 0.19 | 0.28 | |
| | 17.0-17.5 | 0.5 | 0.29 | 0.64 | 0.29 | |
| | 17.5-18.0 | 0.5 | 0.17 | 0.20 | 0.17 | |
| | 18.0-18.5 | 0.5 | 0.50 | 1.38 | 0.49 | |
| | 18.5-19.0 | 0.5 | 0.62 | 3.71 | 0.55 | |
| | 19.0-19.5 | 0.5 | 2.71 | 10.45 | 2.58 | |
| | 19.5-20.0 | 0.5 | 0.97 | 3.31 | 0.94 | |
| Z-03-16 | 20.0-20.5 | 0.5 | 1.05 | 4.78 | 1.01 | 0.212/9.0 m |
| | 20.5-21.0 | 0.5 | 0.35 | 0.38 | 0.35 | |
| | 21.0-22.0 | 1.0 | 0.24 | 0.94 | 0.24 | |
| | 22.0-23.0 | 1.0 | 0.18 | 0.13 | 0.19 | |
| | 23.0-24.0 | 1.0 | 0.20 | 0.83 | 0.19 | |
| | 24.0-25.0 | 1.0 | 0.46 | 2.62 | 0.43 | |
| | 32.0-33.0 | 1.0 | 0.10 | 2.45 | 0.09 | |
| | 33.0-33.5 | 0.5 | 0.10 | 1.93 | 0.10 | |
| | 33.5-34.0 | 0.5 | 0.55 | 29.6 | 0.47 | |

| | | | | | | |
|-------------------|-----------|-----|------|-------|------|-------------|
| Z-03-16 Cont'd | 34.0-34.5 | 0.5 | 0.10 | 5.41 | 0.08 | |
| | 34.5-35.0 | 0.5 | 0.17 | 6.59 | 0.13 | |
| | 35.0-35.5 | 0.5 | 0.27 | 4.54 | 0.26 | |
| | 35.5-36.0 | 0.5 | 0.42 | 14.50 | 0.33 | |
| | 36.0-36.5 | 0.5 | 0.32 | 9.15 | 0.24 | |
| | 36.5-37.0 | 0.5 | 0.21 | 3.13 | 0.19 | |
| | 37.0-38.0 | 1.0 | 0.05 | 1.21 | 0.05 | |
| | 38.0-39.0 | 1.0 | 0.10 | 0.28 | 0.10 | |
| | 39.0-40.0 | 1.0 | 0.10 | 13.10 | 0.08 | |
| | 40.0-41.0 | 1.0 | 0.27 | 17.00 | 0.20 | |
| | 46.5-47.5 | 1.0 | 0.46 | 8.44 | 0.43 | 0.350/2.0 m |
| | 47.5-48.5 | 1.0 | 0.24 | 17.50 | 0.16 | |
| | 56.5-57.5 | 1.0 | 0.13 | 0.65 | 0.13 | 0.130/1.0 m |
| | 76.5-77.5 | 1.0 | 0.12 | 0.74 | 0.12 | 0.120/1.0 m |
| | 79.5-80.5 | 1.0 | 0.39 | 30.7 | 0.34 | 0.290/2.5 m |
| | 80.5-81.5 | 1.0 | 0.14 | 10.25 | 0.10 | |
| | 81.5-82.0 | 0.5 | 0.34 | 5.14 | 0.32 | |
| | 86.5-87.0 | 0.5 | 0.12 | 0.41 | 0.12 | 0.167/1.5 m |
| | 87.0-87.5 | 0.5 | 0.17 | 1.19 | 0.15 | |
| | 87.5-88.0 | 0.5 | 0.21 | 3.06 | 0.19 | |
| | 96.0-97.0 | 1.0 | 0.19 | 0.82 | 0.18 | 0.190/1.0 m |

The hole intersected broad intervals (7.3-68.0 m, 78.5-88.5 m, etc.) of strong to weak quartz-sericite-ferrous carbonate-pyrite stockworks. In contrast to other holes, most of these intervals are auriferous. Elevated lead values (up to 261 ppm) were encountered to the depth of approximately 50 meters downhole; no elevated As, Cu, Zn values were returned.

Drill Holes Z-03-17 through Z-03-19 (thirteenth, fourteenth and fifteenth setups)

These drill holes were drilled on the South Zinger portion of the Zinger property. The holes targeted a large mineralized zone (in fact – a “strip” incorporating a number of variably-thick mineralized zones) which, according to surface mapping and prospecting, represents the far southern continuation of similar mineralized “strips” encountered and partially targeted for drilling within the central portion of the Zinger property (DDH Z-03-13 to Z-03-15). Within the South Zinger portion of the property, the mineralized zones (“strips”) were traced on surface for at least 1.5 km along strike; these zones were also traced toward the central portion of the property (another nearly 1.8 km) tested by DDH Z-03-13 through Z-03-16. These zones returned numerous elevated (in the range of 100-6000 ppb Au) and locally high-grade gold values varying up to 19.1 g/t Au on Chapleau's data and up to 3.93 oz/T Au according to the previous operators. A number of old trenches and small pits have been located within the zones.

The setups were situated to test the strike extension of the mineralized zone through some appreciable distance. DDH Z-03-17 was drilled 220 meters northeast of DDH Z-03-18, whereas DDH Z-03-19 was drilled approximately 650 meters south-southwest of DDH Z-03-18. The holes were drilled from the northwest to southeast (azimuth from 118o to 166o). Similarly to previous drill locations, many paralleling mineralized zones were discovered behind the drill collars and thus obviously were not tested by drilling.

The drilling returned a number of low-grade intercepts summarized in Table 8.

Table 8: Intercepts exceeding 0.1 g/t Au, DDH Z-03-17 through Z-03-19.

| Hole | Interval (meters) | Width (meters) | Gold (g/t) by metallic screen fire assay | | | Average for the interval (g/t Au over meters) |
|---------|-------------------|----------------|--|----------------------------|-----------------------------|---|
| | | | Total Au | Au in +100 micron fraction | Au in - 100 micron fraction | |
| Z-03-17 | 47.0-48.0 | 1.0 | 0.10 | <0.05 | 0.11 | 0.100/1.0 m |
| | 59.0-60.0 | 1.0 | 0.14 | 0.25 | 0.14 | 0.140/1.0 m |
| | 62.0-63.0 | 1.0 | 0.28 | 20.5 | 0.19 | 0.280/1.0 m |
| | 70.0-70.5 | 0.5 | 0.16 | 25.7 | 0.05 | 0.160/0.5 m |
| | 76.0-76.5 | 0.5 | 0.47 | 4.30 | 0.44 | 0.365/1.0 m |
| | 76.5-77.0 | 0.5 | 0.26 | 21.5 | 0.21 | |
| | 94.0-94.5 | 0.5 | 0.17 | <0.05 | 0.17 | 0.170/0.5 m |
| | 105.0-106.0 | 1.0 | 0.07 | 0.75 | 0.06 | 0.373/4.0 m |
| | 106.0-107.0 | 1.0 | 0.18 | 0.08 | 0.19 | |
| | 107.0-108.0 | 1.0 | 0.87 | 3.27 | 0.84 | |
| | 108.0-109.0 | 1.0 | 0.37 | 1.25 | 0.36 | |
| | 113.0-114.0 | 1.0 | 0.49 | 2.26 | 0.46 | 0.490/1.0 m |
| Z-03-18 | 53.0-54.0 | 1.0 | 0.11 | <0.05 | 0.12 | 0.230/4.0 m |
| | 53.0-54.0 | 1.0 | 0.36 | 1.74 | 0.35 | |
| | 54.0-55.0 | 1.0 | 0.24 | 7.97 | 0.22 | |
| | 55.0-56.0 | 1.0 | 0.21 | 5.33 | 0.20 | |
| Z-03-19 | 22.5-23.0 | 0.5 | 0.55 | 0.42 | 0.56 | 0.550/0.5 m |

Hole Z-03-17 has intersected a wide alternating sequence of auriferous and barren intervals; the auriferous intervals are represented by intense quartz-sericite-ferrous carbonate-pyrite stockworks. No anomalous values of Pb, Zn, Cu, As were returned. The auriferous intervals intersected by DDH Z-03-18 and Z-03-19 are also related to intense quartz-sericite-ferrous carbonate-pyrite stockworks, with locally up to 50% of quartz in

the core volume. No anomalous values of Pb, Zn, Cu, As were recorded in auriferous intervals although highly anomalous Pb values (up to 1590 ppm) are found in adjacent non-auriferous sections.

Drill Hole Z-03-20 (sixteenth setup)

This drill hole was drilled on the South Zinger portion of the Zinger property, about 650 meters east of the mineralized zone tested by DDH Z-03-17 through Z-03-19. At this location, the southwestern continuation of other zones tested by DDH Z-03-16 or DDH Z-03-01 to Z-03-03 at the central portion of the property (about 1.7-1.9 km northeast) was suggested. Although a precise location of the zone was unclear (due to overburden), the possibility of the zone to continue here was suggested on the basis of numerous float pieces composed of the "Zinger style mineralization" and returning anomalous gold values (from common 25-300 ppb Au to a maximum of 4940 ppb Au).

The hole was drilled from west to east, and it is more than likely that the hole tested just a portion of the mineralized zone, as a "strip" of gold-bearing float boulders is much wider; some of these boulders were found behind the hole collar.

The drilling returned a low-grade but remarkable intercept shown in Table 9.

Table 9: Intercepts exceeding 0.1 g/t Au, DDH Z-03-20.

| Hole | Interval (meters) | Width (meters) | Gold (g/t) by metallic screen fire assay | | | Average for the interval (g/t Au over meters) |
|---------|-------------------|----------------|--|----------------------------|-----------------------------|---|
| | | | Total Au | Au in +100 micron fraction | Au in - 100 micron fraction | |
| Z-03-20 | 46.0-47.0 | 1.0 | 0.19 | 0.45 | 0.19 | 0.290/3.0 m |
| | 47.0-48.0 | 1.0 | 0.61 | 0.58 | 0.62 | |
| | 48.0-49.0 | 1.0 | 0.07 | 1.42 | 0.07 | |

The auriferous intervals are composed of scattered quartz-ferrous carbonate-pyrite veinlets; this stockwork was observed to the depth of 114 meters in drill core, however, is mostly barren. No anomalous Pb, Zn, Cu, As values were encountered in the auriferous intervals but adjacent samples returned elevated Pb values (up to 393 ppm).

The results of the diamond drilling on the Zinger prospect show that almost all holes (except DDH Z-03-01) drilled on the western half of the prospect have intersected alternating sequences of low-grade auriferous and barren intervals showing the presence of gold mineralization over significant widths. In this regard, it is important to emphasize

that these thirteen holes tested the strike extent of mineralization over a very large area, with the distance between the northeasternmost and southwesternmost holes of about 2.8 km, and the distance between the holes within this 2.8 km-long area varying from about 175-220 meters to 1,800 meters. According to surface data, mineralization continues over these intervals. Across the strike, the presence of mineralization was shown over a distance of about 800 meters. Both along and across strike, the mineralization remains open-ended. More dense drilling is required within the tested portion of the mineralized package. The continuation of this area also remains untested although surface data (both prospecting and soil geochemistry) indicate the continuity of mineralization for at least several kilometers both northeast and southwest. In addition, almost all the holes (except DDH Z-03-02 and Z-03-03) were drilled from different set-ups, i.e., the mineralization at depth remains open. Meanwhile, the data on DDH Z-03-02 and Z-03-03 demonstrate the continuity of mineralization for at least 250-300 meters down-dip.

6.00 Sampling and Assaying Techniques

Sampling on the Zinger property was conducted directly by Chapleau Resources Ltd. Sample analysis, including preparation, was done by ALS Chemex Labs of North Vancouver, B.C., a certified analytical laboratory.

Rock geochemical sampling was conducted along field and roadside traverses, and consists largely of grab and composite grab sampling of proximal "float" material. Outcrop exposure is sparse in many areas, resulting in the necessity to sample "boulder trains", including boulders within talus slopes and stream beds. Chip, as well as grab samples were commonly taken in areas of outcrop exposure. In this case, rock chip sampling across measured distances of an outcrop was conducted, often as a series of consecutive samples over considerable widths. Samples intervals corresponded to changes in lithology and no samples exceeded 2.0 metres in length. At a few locations, parallel chip samples were conducted across mineralized zones.

The minimum weight for rock grab samples was 0.25 kg; however, where sufficient material existed, samples usually exceeded 1.0 kg in weight. Chip samples were larger, depending on length, to a maximum of roughly 4 kg.

In most of the soil sampling grids, the sampling was conducted along the lines spaced 100-200 meters apart, commonly at regular 25-metre spacing between samples in the line. The sampling lines were oriented across suggested mineralized trends. B-horizon soil samples were taken and ranged from 0.5 to 1.5 kg in size.

The core selected for assaying was cut into equal portions by rock saw and sampled. Intervals of highly friable material, unsuitable for sawing, were split vertically using hand tools within the core boxes to minimize loss of fine gold by settling during transport or sampling. Some intervals, usually narrow, of material that can be neither sawn or split using hand tools were split using a standard core splitter. The remaining split halves of all

samples are stored in strongly constructed outdoor roofed core racks at secure facilities at the Vine property near Cranbrook, B.C.

Most sample intervals were limited to 0.5-1.0 meter in length. Prior to splitting, all sample intervals were indicated by china marker on the core boxes and on small wooden blocks placed at the beginning of the interval; these blocks indicate both sample numbers and measured intervals. Sample intervals were recorded separately from the core logbooks; copies are stored at a separate site from the originals.

All drill core samples were placed in thick plastic industry standard sample bags, sealed with thick plastic serrated "Zip Straps" and sent in similarly sealed rice bags to ALS Chemex Labs. Standard and blank samples were inserted into the sample sequence at regular intervals.

The rock and soil samples were analyzed by using standard 30-gram fire assay techniques, whereby they are crushed to ensure that a minimum of 70% of the material is less than 2.0 mm in size; this material is then thoroughly mixed. From this, a 250g sample is pulverized to 75-micron size; then a 30-gram sample of this is analyzed by fire assay with atomic absorption finish techniques. This provides gold analysis ranging from 0.005 to 10 g/t Au; samples exceeding these values (overlimits) were re-analyzed by 30-gram gravimetric finish. Rejects of all samples exceeding 10 g/t Au were also re-analyzed to confirm repeatability of values.

The core samples were analyzed by using metallic screen fire assay (MSFA) techniques. This included the following preparation and analytical procedures:

- 1) All samples are crushed so that >90% of the product is less than 2mm in size. This replaces earlier crushing guaranteeing that >70% will be less than 2mm.
- 2) The entire crushed sample is then pulverized so that >85% is less than 75 microns in length. Formerly, a 250g "split" was pulverized as such, with the remainder stored as a "reject".
- 3) Samples are analyzed by "Dry Screen" metallic screen fire assay techniques. Here, the entire pulverized sample is passed through a 100-micron dry screen, two samples of the undersized fraction (<100 microns) are analyzed by gravimetric techniques, and the oversized fraction is analyzed by fire assay techniques. Weighted averages of the weight and gold content of the oversized fraction and the average of two samples of the undersized fraction are obtained, for a final gold value. This increases the accuracy of results and indicates the presence of coarse gold, if any.

All samples were also analyzed by 34-element ICP, to test for abundances of Ag, Al, As, B, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, Hg, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Sc, Sr, Ti, Tl, U, V, W and Zn.

7.00 Interpretations and Conclusions

Essential clarification on the local geology of the Zinger prospect was obtained in 2003.

In particular, it has been determined that the **Zinger prospect** incorporates a large mineralized package exceeding 15-20 km in strike length, tracing one of the most significant lineament zone found in the East Kootenay region. The package is represented by a number of sub-parallel faulting and deformation zones following along the thick Proterozoic sequence of intercalating metasediments (quartzites and argillites) intruded by semi-concordant gabbroic sills and dykes.

The data suggests a close genetic and spatial relation of the mineralization found on the Zinger prospect to the regional-scale lineament zone rather than previously suggested direct links to any of the hidden intrusive (of Cretaceous age ?). Although some intrusive-related character of the mineralization can still not be ruled out, it implies more distal relationships of the mineralization to the possible intrusive on depth.

The Zinger prospect is currently considered as having the most potential among all prospects involved in the Cranbrook Gold Project. This is supported by the significant size of the mineralized system exceeding several kilometers in strike length and width as well as exceeding at least hundreds of meters in downdip extension. This system incorporates a large number of high- and low-grade gold showings, which can be outlined as extended (linear) mineralized zones. Significant potential exists to encounter other, still unrecognized zones of mineralization, as only a portion of the prospect has been prospected and mapped in detail. Additional important evidence for significant potential of the prospect is represented by a large strong gold-in-soil anomaly exceeding some 3 km by 2.8 km in surface area.

The results of the diamond drilling on the Zinger prospect show that almost all holes (except DDH Z-03-01) drilled on the western half of the prospect (i.e., not including DDH Z-03-05 through Z-03-11) have intersected alternating sequences of low-grade auriferous and barren intervals showing the presence of gold mineralization over significant widths. In this regard, it is important to emphasize that these thirteen holes tested the strike extent of mineralization over a very large area, with the distance between the northeasternmost and southwesternmost holes of about 2.8 km, and the distance between the holes within this 2.8 km-long portion varying from about 175-220 meters to 1,800 meters; according to surface data, mineralization continues over these intervals. Across the strike, the presence of mineralization was shown over a distance of about 800 meters. Both along and across strike, the mineralization remains open-ended. Obviously, more dense drilling is required within the tested portion of the mineralized package. Also, the continuation of this portion remains still untested although surface data (both prospecting and soil geochemistry) indicate the continuity of mineralization for at least several kilometers both northeast and southwest. In addition, almost all the holes (except DDH Z-03-02 and Z-03-03) were drilled from different set-ups, i.e., the mineralization encountered was not followed to the depth and remains open as well. Meanwhile, the data

on DDH Z-03-02 and Z-03-03 demonstrate the continuity of mineralization for at least 250-300 meters down-dip.

Significant potential still exists to encounter higher grade intervals of the mineralization in the course of additional drilling. This potential is also supported by numerous high-grade showings discovered on surface and may be realized by more dense drilling. The structures controlling this gold mineralization and areas of their possible superposition remain to be determined.

8.00 Recommendations

8.10 Recommendations

Further follow-up work is recommended for the Zinger prospect. This would include the following:

- continuation of the prospecting and mapping program,
- establishing new drill sites (with construction of access roads) on all the drill targets outlined but not drilled during the 2003,
- drilling «infill» holes in the areas between the existing drill sites,
- drilling to test the deeper extension of the mineralization using some of the previous drill sites.

Reverse circulation drilling may be advantageous in terms of both better recovery of the coarse gold and lower drilling costs compared to diamond drilling. This possibility should be evaluated prior to the commencement of the drilling program.

8.20 Proposed Budget

The following is a proposed budget for the Phase 1 follow-up diamond drilling and surface exploration program on the Zinger prospect for 2004. Quotes are based on present drilling and support costs, as well as sample analysis costs, and are in Canadian funds.

Prospecting/Mapping

| | |
|--|--------------|
| 1 geologist x 30 days @ \$300/day | \$9,000 |
| 1 technician x 30 days @ \$180/day | \$5,400 |
| Sample analysis: 600 samples @ \$25/sample | \$15,000 |
| Shipping: 600 samples @ \$1.50/sample | \$900 |
| Supplies: | \$1,000 |
| Helicopter: 10 hours @ \$1,000/hour | \$10,000 |
| Truck rental: 1 month @ \$800/month | <u>\$800</u> |
| Fuel, oil, etc. | |

Sub-total for prospecting/mapping \$42,100

Diamond Drilling

Drilling

| | |
|--|-----------|
| Meterage: 15 holes @ 150 m/hole = 2250 meters @ \$80/meter | \$180,000 |
| Water truck support: 25 days @ \$2,160/day | \$54,000 |
| Travel time: | \$10,000 |
| Drill moves, mobilization and demobilization | \$20,000 |
| «Cat» bulldozer support (excluding drill moves) | \$12,000 |
| Supplies, miscellaneous equipment rental | \$15,000 |

Road building

| | |
|-----------|----------|
| Excavator | \$18,000 |
| D-9 cat | \$12,000 |

Geologist/Technical Support

| | |
|--|----------|
| 1 geologist x 45 days @ \$300/day | \$13,500 |
| 1 technician x 45 days @ \$180/day | \$8,100 |
| Rent of core shack: 1.5 months @ 500/month | \$750 |
| Supplies | \$2,000 |

Sample Analysis

| | |
|--|----------|
| 2250 samples @ \$25/sample | \$56,250 |
| 400 samples @ \$80/sample | \$32,000 |
| Shipping: 2250 samples @ \$1.50/sample | \$3,375 |

Miscellaneous

| | |
|--|----------------|
| Truck rental: 1.5 months @ \$800/month | <u>\$1,200</u> |
|--|----------------|

Sub-total for diamond drilling \$438,175

Sub-total for prospecting/mapping and diamond drilling \$480,275

Reclamation

\$25,000

Total On-site Expenses

\$505,275

Off-site Operations

| | |
|---|----------|
| Project Planning | \$5,000 |
| Permitting | \$1,200 |
| Compilation/Report writing: 10 m/days @ \$300/day | \$3,000 |
| Map drafting - outside contractor | \$10,000 |

Total Off-site Expenses

\$19,200

Total project cost

\$524,475

Contingency at 10%**\$52,448****Total project cost including contingency****\$576,923**

Follow-up work comprising a Phase 2 program is dependent on Phase 1 results. Therefore, a detailed budget is not provided here, as no estimates for amount and type of work are available at this time. Upon a decision to proceed with a Phase 2 follow-up program, cost estimates will be based on actual costs incurred during Phase 1.

9.00 Itemized Cost Statement**ZINGER Property Diamond Drill Program**

Zinger Drillholes: Z-03-01 to Z-03-20

20 Diamond Drillholes (NQ) totaling 3317.2 m

From June 11, 2003 to October 15, 2003

Drilling Contractor:

Lone Ranger Diamond Drilling Ltd., 31 Shuswap River Drive, Lumby, B.C.

| | | |
|---------------|------------------|--------------|
| June11-15/03 | 3,787.40 | |
| June16-30/03 | 41,469.52 | |
| July1-15/03 | 38,628.52 | |
| July16-31/03 | 41,000.52 | |
| Sept 10-15/03 | 8,545.30 | |
| Sept 16-30/03 | 33,149.80 | |
| Oct 1-15/03 | <u>32,045.04</u> | \$198,626.10 |

Geological Contractor:

Dave Pighin, P.Geo., 301 - 8th St. S., Cranbrook, B.C. V1C 1P2

- permitting, log core, prepare drill sections, etc.

| | | |
|-----------|-----------------|-------------|
| July/03 | 6,500.00 | |
| August/03 | 1,690.00 | |
| Sep/03 | 5,633.36 | |
| Oct/03 | <u>3,250.00</u> | \$17,073.36 |

Geological Wages:

Serguei Soloviev, P.Geo., Corporate Geologist

- drill program design, oversee program, prepare drill sections,
report writing, etc.

20 days @ 400/day = **\$8,000.00**

Labour - Wages:

Jason Frame

- pick up core, cut core, prepare core for assaying, etc.

June, 2003 2,000.00

July, 2003 4,000.00

September, 2003 2,640.00

October 2003, 2,000.00 \$10,640.00

Assay Charges:

ALS Chemex Laboratories Ltd., 212 Brooksbank Ave.,

North Vancouver, B.C. V7J 2C1

- samples were analyzed using 34 element ICP and
using Au Screen Fire Assay - 100 um

Assays for samples from Zinger holes Z-03-01 to Z-03-11

1869 samples @ cost of \$40.55/sample \$75,787.95

Computer Drafting:

Kevin Franck & Associates, 1656 - 6th Ave. S.,

Cranbrook, B.C. V1C 6H5

- drafting drill plans, sections, location maps, etc.

89.0 hours @ \$35/hour \$3,115.00

TOTAL "ZINGER" DRILLING= **\$313,242.41**

Soil Grid Expenditures

Work performed from: June 23 to August 11, 2003

CONTRACTORS:

CJJ Exploration Contracts, 2445 DeWolfe Ave., Kimberley, B.C. V1C 1R1

- collect soil samples

3939 samples @ \$4.25/sample \$16,740.75

Kootenay Geo-Services Ltd.

P.O. Box 63, Skookumchuck, B.C. V0B 2E0

- collect soil samples

2540 samples @ \$4.25/sample \$10,795.00

ASSAY CHARGES:

ALS Chemex Laboratories, 212 Brooksbank Ave., N.Vancouver, B.C.

Samples analyzed using Au ICP with AEI Finish and

34 element ICP

6356 samples @ \$15.15/sample \$96,293.40

Computer Drafting:

Kevin Franck & Associates, 1656 - 6th Ave. S.,
Cranbrook, B.C. V1C 6H5
- drafting drill plans, sections, location maps, etc.
61 hours @ \$35/hour

\$2,135.00

Sub-Total - Soil Grid = **\$125,964.15**

Zinger Rock Samples

WAGES:

Fieldwork/Rock Sampling:

Gary Dyck, Geologist 20 days @ \$250/day \$5,000.00

Oleksiy Baklyukov, Geologist 20 days @ \$300/day \$6,000.00

CONTRACTORS:

Mike Kennedy, Prospector, Kimberley, B.C.
28 days @ \$250/day \$7,000.00

Sean Kennedy, Prospector, Kimberley, B.C.
28 days @ \$250/day \$7,000.00

ASSAY CHARGES:

ALS Chemex Laboratories, 212 Brooksbank Ave., N.Vancouver, B.C.

Samples analyzed using 34 element ICP
1496 samples @ \$23.00/sample \$34,408.00

TRANSPORTATION:

1 - 4X4 truck 28 days @ \$50/day \$1,400.00

1 - 4X4 truck 20 days @ \$75/day \$1,500.00

Sub-Total - Rock Sampling = **\$62,308.00**

TOTAL EXPENDITURES = \$501,514.56

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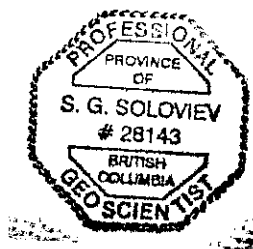
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Appendix 1. Author's Qualifications

I, Serguei G. Soloviev, P.Geo, hereby certify that:

- 1) I am employed on a full-time basis as Chief Geologist and Director with:
Chapleau Resources Ltd.
Suite 104 – 135 10th Avenue South
Cranbrook, B.C. Canada V1C 2N1
- 2) I graduated with a Diploma of Geologist (equal to Master of Science Degree, Geological Exploration) from Moscow State University, Moscow, Russia (former USSR), in 1983.
- 3) I received a Degree of Candidate of Geological and Mineralogical Science (equal to PhD, Geology of Ore Deposits) from Moscow State University, Moscow, Russia (former USSR), in 1987, and then I received a Degree of Doctor of Geological and Mineralogical Science (Geology of Ore Deposits; Metallogeny) from Russian Supreme State Attestation Committee, Moscow, Russia, in 1997.
- 4) I have practiced my profession since 1983 in a number of capacities in Russia, Central and Eastern Asia, Africa, and North America.
- 5) I am a Registered Professional Geoscientist and member in good standing of the Association of Professional Engineers and Geoscientists of British Columbia (APEGBC), and I am authorized to use the seal, which has been affixed to this report.



Dated this 16th day of January, 2004

S. Soloviev

Serguei G. Soloviev, P.Geo

APPENDIX 2:

**Analytical Results on Year-2003 Rock Samples
Zinger Property**

**ALS Chemex****EXCELLENCE IN ANALYTICAL CHEMISTRY**

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: CHAPLEAU RESOURCES

104 - 135 10TH AVE. S

CRANBROOK BC V1C 2N1

Page #: 1

Date : 17-Jun-2003

Account: NJY

CERTIFICATE VA03020321*Zinger*

Project : Cranbrook Gold

P.O. No:

This report is for 17 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 12-Jun-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| PUL-31 | Pulverize split to 85% <75 um |
| SPL-21 | Split sample - riffle splitter |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
104 - 135 10TH AVE. S
CRANBROOK BC V1C 2N1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Page #: 2 - A

Total # of pages : 2 (A - C)

Date : 17-Jun-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS

VA03020321

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | AU-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| OB1150 | | 1.60 | 0.174 | 0.3 | 0.18 | 6 | <10 | 620 | <0.5 | <2 | 0.01 | <0.5 | 1 | 93 | 22 | 1.14 |
| OB1151 | | 1.36 | 0.714 | 8.2 | 0.26 | 208 | <10 | 840 | <0.5 | <2 | <0.01 | <0.5 | 4 | 94 | 66 | 3.83 |
| OB1152 | | 1.46 | 0.009 | <0.2 | 0.14 | <2 | <10 | 30 | <0.5 | <2 | <0.01 | <0.5 | 1 | 104 | 7 | 0.24 |
| OB1153 | | 0.96 | 0.008 | <0.2 | 0.46 | <2 | <10 | 50 | <0.5 | <2 | <0.01 | <0.5 | 1 | 80 | 5 | 0.73 |
| OB1154 | | 0.82 | <0.005 | <0.2 | 0.38 | <2 | <10 | 130 | <0.5 | <2 | 0.01 | <0.5 | 4 | 33 | 2 | 1.45 |
| OB1155 | | 0.76 | <0.005 | <0.2 | 2.06 | 3 | <10 | 40 | <0.5 | <2 | 0.02 | <0.5 | 3 | 53 | 9 | 1.21 |
| OB1156 | | 1.14 | 0.069 | <0.2 | 0.13 | 2 | <10 | 40 | <0.5 | <2 | 0.01 | <0.5 | 1 | 150 | 13 | 0.64 |
| OB1157 | | 0.88 | <0.005 | <0.2 | 0.22 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 2 | 119 | 5 | 0.75 |
| OB1158 | | 1.02 | <0.005 | <0.2 | 0.22 | 2 | <10 | 30 | <0.5 | <2 | <0.01 | <0.5 | 5 | 89 | 4 | 1.20 |
| OB1159 | | 1.26 | 0.214 | 1.0 | 0.27 | <2 | <10 | 60 | <0.5 | 3 | 0.01 | <0.5 | 3 | 96 | 71 | 1.06 |
| OB1160 | | 1.16 | <0.005 | 0.2 | 0.28 | <2 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 2 | 222 | 8 | 0.69 |
| OB1161 | | 0.94 | <0.005 | <0.2 | 0.09 | <2 | <10 | 80 | <0.5 | <2 | <0.01 | <0.5 | 20 | 201 | 10 | 0.95 |
| OB1162 | | 1.14 | 0.008 | 0.2 | 0.23 | 2 | <10 | 180 | <0.5 | <2 | 0.50 | <0.5 | 81 | 129 | 8 | 1.87 |
| OB1163 | | 1.52 | <0.005 | 0.2 | 0.04 | 3 | <10 | 20 | <0.5 | 2 | <0.01 | <0.5 | 25 | 179 | 18 | 1.29 |
| OB1164 | | 1.50 | <0.005 | <0.2 | 0.05 | <2 | <10 | 20 | <0.5 | 2 | <0.01 | <0.5 | 30 | 177 | 18 | 1.11 |
| OB1165 | | 1.44 | 0.133 | <0.2 | 0.20 | <2 | <10 | 100 | <0.5 | <2 | 0.01 | <0.5 | 4 | 83 | 4 | 0.89 |
| OB1166 | | 1.18 | <0.005 | <0.2 | 0.03 | <2 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 163 | 7 | 0.31 |



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Page #: 2 - B

Total # of pages : 2 (A - C)

Date : 17-Jun-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03020321

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 |
|--------------------|-----------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| OB1150 | | <10 | <1 | 0.14 | 20 | 0.01 | 68 | 3 | <0.01 | 5 | 80 | 48 | 0.02 | <2 | <1 | 6 |
| OB1151 | | <10 | 1 | 0.14 | 20 | 0.01 | 15 | 4 | <0.01 | 8 | 140 | 164 | 0.04 | <2 | 1 | 8 |
| OB1152 | | <10 | <1 | 0.10 | 10 | 0.01 | 13 | 1 | <0.01 | 6 | 40 | 56 | <0.01 | <2 | <1 | 1 |
| OB1153 | | <10 | <1 | 0.08 | 20 | 0.01 | 94 | 1 | 0.03 | 5 | 60 | 6 | <0.01 | <2 | <1 | 3 |
| OB1154 | | <10 | <1 | 0.21 | 20 | 0.03 | 102 | <1 | 0.01 | 8 | 200 | 9 | 0.01 | <2 | 1 | 4 |
| OB1155 | | <10 | <1 | 0.10 | 10 | 0.06 | 150 | <1 | 0.02 | 6 | 230 | 11 | 0.02 | <2 | 1 | 5 |
| OB1156 | | <10 | <1 | 0.10 | 10 | 0.01 | 304 | 3 | <0.01 | 8 | 100 | 122 | 0.01 | <2 | <1 | 2 |
| OB1157 | | <10 | <1 | 0.07 | 20 | 0.01 | 144 | 2 | 0.04 | 7 | 110 | 2 | <0.01 | <2 | 1 | 3 |
| OB1158 | | <10 | <1 | 0.11 | 30 | 0.01 | 140 | 1 | 0.04 | 7 | 90 | 2 | <0.01 | <2 | 1 | 3 |
| OB1159 | | <10 | <1 | 0.18 | 30 | 0.02 | 308 | 2 | 0.01 | 6 | 240 | 295 | <0.01 | <2 | <1 | 4 |
| OB1160 | | <10 | <1 | 0.02 | <10 | 0.31 | 169 | 4 | 0.01 | 13 | 60 | 3 | <0.01 | <2 | <1 | 2 |
| OB1161 | | <10 | <1 | 0.07 | 10 | 0.01 | 15 | 4 | 0.01 | 22 | 150 | 20 | 0.02 | 2 | <1 | 7 |
| OB1162 | | <10 | <1 | 0.14 | <10 | 0.01 | 8 | 3 | 0.01 | 43 | 3550 | 16 | 0.83 | <2 | <1 | 20 |
| OB1163 | | <10 | <1 | 0.02 | <10 | <0.01 | 41 | 3 | <0.01 | 22 | 120 | 10 | 0.01 | <2 | <1 | 3 |
| OB1164 | | <10 | <1 | 0.03 | <10 | 0.01 | 40 | 4 | <0.01 | 20 | 80 | 6 | 0.01 | <2 | <1 | 2 |
| OB1165 | | <10 | <1 | 0.09 | 20 | 0.01 | 166 | 2 | 0.02 | 8 | 110 | 6 | 0.01 | <2 | 1 | 2 |
| OB1166 | | <10 | <1 | 0.01 | <10 | <0.01 | 13 | 3 | <0.01 | 9 | 10 | <2 | <0.01 | <2 | <1 | <1 |



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Page #: 2 - C

Total # of pages : 2 (A - C)

Date : 17-Jun-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03020321

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ti | ME-ICP41 Ti | ME-ICP41 U | ME-ICP41 V | ME-ICP41 W | ME-ICP41 Zn |
|--------------------|-----------------------------------|----------------|----------------|---------------|---------------|---------------|----------------|
| | | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| OB1150 | | <0.01 | <10 | <10 | 2 | <10 | 44 |
| OB1151 | | <0.01 | <10 | <10 | 2 | <10 | 166 |
| OB1152 | | <0.01 | <10 | <10 | 1 | <10 | 11 |
| OB1153 | | 0.01 | <10 | <10 | 3 | <10 | 8 |
| OB1154 | | 0.01 | <10 | <10 | 4 | <10 | 27 |
| OB1155 | | 0.05 | <10 | <10 | 12 | <10 | 21 |
| OB1156 | | <0.01 | <10 | <10 | 1 | <10 | 38 |
| OB1157 | | <0.01 | <10 | <10 | 1 | <10 | 14 |
| OB1158 | | <0.01 | <10 | <10 | 2 | <10 | 25 |
| OB1159 | | <0.01 | <10 | <10 | 3 | 90 | 67 |
| OB1160 | | <0.01 | <10 | <10 | 3 | <10 | 10 |
| OB1161 | | <0.01 | <10 | <10 | 2 | <10 | 4 |
| OB1162 | | <0.01 | <10 | <10 | 2 | <10 | 5 |
| OB1163 | | <0.01 | <10 | <10 | 1 | 10 | 8 |
| OB1164 | | <0.01 | <10 | <10 | 1 | 10 | 6 |
| OB1165 | | <0.01 | <10 | <10 | 1 | <10 | 8 |
| OB1166 | | <0.01 | <10 | <10 | 1 | <10 | 3 |

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Page #: 1

Date : 16-Jun-2003

Account: NJY

*Zinger rocks***CERTIFICATE VA03020322**

Project : Cranbrook Gold

P.O. No:

This report is for 19 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 12-Jun-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| PUL-31 | Pulverize split to 85% <75 um |
| SPL-21 | Split sample - riffle splitter |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
104 - 135 10TH AVE. S
CRANBROOK BC V1C 2N1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



ALS Chemex

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ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1 Canada
Phone: 604 984 0221 Fax: 604 984 0218

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104 - 135 10TH AVE. S
CRANBROOK BC V1C 2N1

Page #: 2 - C
Total # of pages : 2 (A - C)
Date : 16-Jun-2003
Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03020322

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------------|-----------------|----------------|---------------|----------------|----------------|
| | | Ti % 0.01 | Ti ppm 10 | U ppm 10 | V ppm 1 | W ppm 10 | Zn ppm 2 |
| OB1167 | | <0.01 | <10 | <10 | 1 | <10 | 44 |
| OB1168 | | <0.01 | <10 | <10 | 1 | <10 | 6 |
| OB1169 | | <0.01 | <10 | <10 | 1 | <10 | 11 |
| OB1170 | | <0.01 | <10 | <10 | 2 | <10 | 9 |
| OB1171 | | <0.01 | <10 | <10 | 1 | <10 | 3 |
| OB1172 | | <0.01 | <10 | <10 | 2 | <10 | 10 |
| OB1173 | | <0.01 | <10 | <10 | 1 | <10 | 5 |
| OB1174 | | <0.01 | <10 | <10 | 1 | <10 | 11 |
| OB1175 | | <0.01 | <10 | <10 | 1 | <10 | 11 |
| OB1176 | | <0.01 | <10 | <10 | 1 | <10 | 6 |
| OB1177 | | <0.01 | <10 | <10 | 1 | <10 | 5 |
| OB1178 | | <0.01 | <10 | <10 | 1 | <10 | 182 |
| OB1179 | | <0.01 | <10 | <10 | 1 | <10 | 37 |
| OB1180 | | <0.01 | <10 | <10 | 1 | <10 | 105 |
| OB1181 | | <0.01 | <10 | <10 | 1 | <10 | 5 |
| OB1182 | | <0.01 | <10 | <10 | 2 | <10 | 9 |
| OB1183 | | <0.01 | <10 | <10 | 5 | <10 | 739 |
| OB1184 | | <0.01 | <10 | <10 | 2 | <10 | 51 |
| OB1185 | | <0.01 | <10 | <10 | 1 | <10 | 5 |

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CRANBROOK BC V1C 2N1

Page #: 1

Date : 23-Jun-2003

Account: NJY

CERTIFICATE VA03020564*Zinger*

Project : Cranbrook Gold

P.O. No:

This report is for 23 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 13-Jun-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| PUL-31 | Pulverize split to 85% <75 um |
| SPL-21 | Split sample - riffle splitter |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Pb-AA46 | Ore grade Pb - aqua regia/AA | AAS |
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Page #: 2 - A

Total # of pages : 2 (A - C)

Date : 23-Jun-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS

VA03020564

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| OB1186 | | 0.92 | 0.015 | <0.2 | 0.14 | <2 | <10 | 70 | <0.5 | <2 | <0.01 | <0.5 | 3 | 175 | 7 | 1.41 |
| OB1187 | | 1.08 | <0.005 | <0.2 | 0.11 | <2 | <10 | 20 | <0.5 | 4 | 0.01 | <0.5 | 1 | 92 | 17 | 0.57 |
| OB1188 | | 1.42 | 0.011 | <0.2 | 0.08 | <2 | <10 | 40 | <0.5 | <2 | 0.01 | <0.5 | 1 | 142 | 8 | 0.39 |
| OB1189 | | 1.54 | 0.240 | <0.2 | 0.07 | <2 | <10 | 500 | <0.5 | <2 | 0.08 | <0.5 | 1 | 142 | 6 | 0.50 |
| OB1190 | | 1.28 | 0.282 | 0.4 | 0.12 | 2 | <10 | 230 | <0.5 | <2 | <0.01 | <0.5 | 1 | 145 | 6 | 0.74 |
| OB1191 | | 0.94 | 0.147 | <0.2 | 0.20 | <2 | <10 | 210 | <0.5 | <2 | <0.01 | <0.5 | 1 | 85 | 4 | 0.55 |
| OB1192 | | 1.06 | 0.766 | <0.2 | 0.18 | <2 | <10 | 80 | <0.5 | <2 | <0.01 | <0.5 | 1 | 86 | 4 | 0.84 |
| OB1193 | | 1.00 | 1.105 | <0.2 | 0.13 | <2 | <10 | 130 | <0.5 | <2 | <0.01 | <0.5 | 1 | 100 | 6 | 0.56 |
| OB1194 | | 1.14 | 0.267 | <0.2 | 0.19 | 3 | <10 | 20 | <0.5 | <2 | 0.01 | <0.5 | 2 | 98 | 5 | 0.68 |
| OB1195 | | 1.16 | 0.239 | <0.2 | 0.32 | <2 | <10 | 50 | <0.5 | <2 | 0.01 | <0.5 | 4 | 26 | 8 | 0.84 |
| OB1196 | | 0.80 | 0.063 | <0.2 | 0.16 | <2 | <10 | 280 | <0.5 | <2 | <0.01 | <0.5 | 3 | 164 | 10 | 0.76 |
| OB1197 | | 1.16 | <0.005 | <0.2 | 0.16 | <2 | <10 | 240 | <0.5 | <2 | 0.01 | <0.5 | 2 | 52 | 7 | 0.72 |
| OB1198 | | 1.06 | >10.0 | 1.6 | 0.12 | <2 | <10 | 1020 | <0.5 | <2 | <0.01 | <0.5 | 1 | 150 | 6 | 0.97 |
| OB1199 | | 1.46 | 0.157 | <0.2 | 0.15 | 4 | <10 | 40 | <0.5 | <2 | <0.01 | <0.5 | 1 | 59 | 3 | 0.60 |
| OB1200 | | 1.22 | 0.642 | <0.2 | 0.17 | 4 | <10 | 140 | <0.5 | <2 | <0.01 | <0.5 | 2 | 96 | 5 | 0.78 |
| OB1201 | | 1.26 | 0.600 | 0.2 | 0.17 | 13 | <10 | 90 | <0.5 | <2 | <0.01 | <0.5 | 1 | 72 | 3 | 1.22 |
| OB1202 | | 1.10 | 0.054 | <0.2 | 0.19 | <2 | <10 | 40 | <0.5 | <2 | <0.01 | <0.5 | 1 | 64 | 5 | 0.47 |
| OB1203 | | 1.06 | 1.560 | <0.2 | 0.17 | 2 | <10 | 190 | <0.5 | <2 | <0.01 | <0.5 | 1 | 66 | 3 | 0.99 |
| OB1204 | | 1.50 | 0.050 | <0.2 | 0.12 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 1 | 80 | 5 | 0.49 |
| OB1205 | | 1.32 | <0.005 | <0.2 | 0.14 | <2 | <10 | 20 | <0.5 | <2 | 0.03 | <0.5 | 2 | 64 | 3 | 0.79 |
| OB1206 | | 1.36 | 0.096 | 0.2 | 0.13 | <2 | <10 | 110 | <0.5 | <2 | 0.01 | <0.5 | 1 | 116 | 13 | 0.44 |
| OB1207 | | 1.00 | >10.0 | 78.6 | 0.10 | <2 | <10 | 170 | <0.5 | 5 | <0.01 | 28.9 | 3 | 182 | 3170 | 2.10 |
| OB1208 | | 1.04 | 0.286 | 0.5 | 0.03 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 4 | 239 | 14 | 0.78 |

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Page #: 2 - B

Total # of pages : 2 (A - C)

Date : 23-Jun-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS**VA03020564**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | Ga ppm 10 | Hg ppm 1 | K % 0.01 | La ppm 10 | Mg % 0.01 | Mn ppm 5 | Mo ppm 1 | Na % 0.01 | Ni ppm 1 | P ppm 10 | Pb ppm 2 | S % 0.01 | Sb ppm 2 | Sc ppm 1 | Sr ppm 1 |
| OB1186 | | <10 | <1 | 0.04 | 10 | 0.03 | 333 | 3 | 0.02 | 10 | 70 | 6 | <0.01 | <2 | 1 | 1 |
| OB1187 | | <10 | <1 | 0.06 | 10 | 0.01 | 15 | 2 | 0.03 | 4 | 80 | 2 | <0.01 | <2 | <1 | 1 |
| OB1188 | | <10 | <1 | 0.06 | 10 | 0.01 | 20 | 3 | <0.01 | 7 | 70 | 5 | 0.01 | <2 | <1 | 1 |
| OB1189 | | <10 | <1 | 0.06 | <10 | 0.01 | 41 | 3 | 0.01 | 7 | 320 | 11 | 0.02 | <2 | <1 | 6 |
| OB1190 | | <10 | <1 | 0.10 | 10 | 0.01 | 9 | 4 | 0.01 | 7 | 100 | 113 | 0.04 | <2 | <1 | 4 |
| OB1191 | | <10 | <1 | 0.15 | 30 | 0.01 | 10 | 6 | 0.01 | 5 | 60 | 8 | 0.01 | <2 | <1 | 4 |
| OB1192 | | <10 | <1 | 0.16 | 20 | 0.01 | 8 | 2 | 0.01 | 5 | 110 | 18 | 0.04 | <2 | <1 | 4 |
| OB1193 | | <10 | <1 | 0.11 | 10 | 0.01 | 9 | 3 | 0.01 | 5 | 60 | 68 | 0.03 | <2 | <1 | 4 |
| OB1194 | | <10 | <1 | 0.09 | 20 | 0.03 | 66 | 2 | 0.01 | 5 | 80 | 4 | <0.01 | <2 | <1 | 1 |
| OB1195 | | <10 | <1 | 0.16 | 40 | 0.05 | 182 | <1 | 0.01 | 3 | 160 | 10 | <0.01 | <2 | <1 | 3 |
| OB1196 | | <10 | <1 | 0.13 | 20 | 0.01 | 16 | 4 | 0.01 | 9 | 80 | 36 | 0.02 | <2 | <1 | 3 |
| OB1197 | | <10 | <1 | 0.08 | 20 | 0.01 | 42 | 1 | 0.03 | 3 | 140 | 20 | 0.01 | <2 | <1 | 3 |
| OB1198 | | <10 | 1 | 0.11 | 10 | <0.01 | 9 | 4 | 0.02 | 7 | 160 | 22 | 0.15 | <2 | <1 | 14 |
| OB1199 | | <10 | <1 | 0.12 | 20 | 0.01 | 16 | 1 | 0.01 | 4 | 130 | 5 | 0.02 | <2 | <1 | 2 |
| OB1200 | | <10 | <1 | 0.14 | 10 | 0.01 | 16 | 2 | 0.01 | 6 | 70 | 10 | 0.31 | <2 | <1 | 4 |
| OB1201 | | <10 | <1 | 0.14 | 10 | 0.01 | 30 | 2 | <0.01 | 4 | 80 | 44 | 0.08 | <2 | <1 | 1 |
| OB1202 | | <10 | <1 | 0.12 | 10 | 0.01 | 29 | 1 | 0.02 | 4 | 60 | 3 | 0.01 | <2 | <1 | 2 |
| OB1203 | | <10 | <1 | 0.16 | 20 | 0.01 | 8 | 2 | <0.01 | 3 | 240 | 28 | 0.03 | <2 | <1 | 3 |
| OB1204 | | <10 | <1 | 0.07 | 20 | 0.01 | 51 | 2 | 0.02 | 4 | 70 | 4 | <0.01 | <2 | <1 | 1 |
| OB1205 | | <10 | <1 | 0.05 | 10 | 0.01 | 57 | 1 | 0.02 | 5 | 220 | <2 | <0.01 | <2 | 1 | 2 |
| OB1206 | | <10 | <1 | 0.10 | 10 | 0.01 | 24 | 2 | <0.01 | 7 | 120 | 19 | <0.01 | <2 | <1 | 2 |
| OB1207 | | <10 | 1 | 0.09 | 10 | <0.01 | 69 | 5 | <0.01 | 10 | 190 | >10000 | 0.97 | 8 | <1 | 5 |
| OB1208 | | <10 | <1 | 0.02 | <10 | <0.01 | 15 | 5 | 0.02 | 13 | 40 | 77 | 0.04 | <2 | <1 | 2 |

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Page # : 2 - C

Total # of pages : 2 (A - C)

Date : 23-Jun-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS**VA03020564**

| Sample Description | Method Analyte Units LOR | ME-ICP41 TI % 0.01 | ME-ICP41 TI ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 | Pb-AA46 Pb % 0.01 |
|--------------------|-----------------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|----------------------------|
| OB1186 | | <0.01 | <10 | <10 | 2 | <10 | 26 | |
| OB1187 | | 0.01 | <10 | <10 | 3 | <10 | 2 | |
| OB1188 | | <0.01 | <10 | <10 | 1 | <10 | 4 | |
| OB1189 | | <0.01 | <10 | <10 | 1 | <10 | 2 | |
| OB1190 | | <0.01 | <10 | <10 | 1 | <10 | 2 | |
| OB1191 | | <0.01 | <10 | <10 | 1 | <10 | 2 | |
| OB1192 | | <0.01 | <10 | <10 | 1 | <10 | 2 | |
| OB1193 | | <0.01 | <10 | <10 | 1 | <10 | <2 | |
| OB1194 | | <0.01 | <10 | <10 | 1 | <10 | 3 | |
| OB1195 | | <0.01 | <10 | <10 | 2 | <10 | 16 | |
| OB1196 | | <0.01 | <10 | <10 | 2 | <10 | 5 | |
| OB1197 | | <0.01 | <10 | <10 | 1 | <10 | 17 | |
| OB1198 | | <0.01 | <10 | <10 | 1 | <10 | <2 | |
| OB1199 | | <0.01 | <10 | <10 | 1 | <10 | 2 | |
| OB1200 | | <0.01 | <10 | <10 | 1 | <10 | 2 | |
| OB1201 | | <0.01 | <10 | <10 | 1 | <10 | 2 | |
| OB1202 | | <0.01 | <10 | <10 | 1 | <10 | 4 | |
| OB1203 | | <0.01 | <10 | <10 | 1 | <10 | 2 | |
| OB1204 | | <0.01 | <10 | <10 | 1 | <10 | 6 | |
| OB1205 | | <0.01 | <10 | <10 | 1 | <10 | 10 | |
| OB1206 | | <0.01 | <10 | <10 | 1 | <10 | 3 | |
| OB1207 | | <0.01 | <10 | <10 | 2 | <10 | 2120 | 2.56 |
| OB1208 | | <0.01 | <10 | <10 | 2 | <10 | 8 | |

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CRANBROOK BC V1C 2N1Page #: 1
Date : 25-Jun-2003
Account: NJY**CERTIFICATE VA03020776**

Project : Cranbrook Gold

P.O. No:

This report is for 42 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 16-Jun-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rod w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 



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Page #: 2 - A

Total # of pages : 3 (A - C)

Date : 25-Jun-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS

VA03020776

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| OB1209 | | 1.24 | 0.010 | 1.9 | 0.02 | 6 | <10 | 100 | <0.5 | 10 | <0.01 | <0.5 | 91 | 213 | 15 | 2.94 |
| OB1210 | | 1.14 | 0.050 | 5.1 | 0.02 | 5 | <10 | 30 | <0.5 | 5 | <0.01 | <0.5 | 12 | 198 | 11 | 1.18 |
| OB1211 | | 1.28 | 0.018 | 1.1 | 0.03 | 6 | <10 | 90 | <0.5 | 9 | <0.01 | <0.5 | 36 | 81 | 7 | 1.58 |
| OB1212 | | 1.02 | 0.109 | <0.2 | 0.19 | <2 | <10 | 230 | <0.5 | <2 | 0.02 | <0.5 | 1 | 74 | 10 | 0.44 |
| OB1213 | | 1.28 | 0.081 | <0.2 | 0.17 | <2 | <10 | 510 | <0.5 | <2 | <0.01 | <0.5 | 1 | 75 | 8 | 0.50 |
| OB1214 | | 0.88 | 0.358 | <0.2 | 0.17 | <2 | <10 | 80 | <0.5 | <2 | 0.01 | <0.5 | 1 | 100 | 8 | 0.56 |
| OB1215 | | 1.02 | 0.165 | <0.2 | 0.21 | <2 | <10 | 140 | <0.5 | <2 | 0.02 | <0.5 | 2 | 68 | 9 | 0.63 |
| OB1216 | | 1.56 | 0.036 | <0.2 | 0.17 | <2 | <10 | 100 | <0.5 | <2 | <0.01 | <0.5 | 1 | 74 | 7 | 0.57 |
| OB1217 | | 1.12 | 0.132 | <0.2 | 0.23 | <2 | <10 | 40 | <0.5 | <2 | 0.01 | <0.5 | 1 | 46 | 9 | 0.41 |
| OB1218 | | 0.70 | 0.512 | <0.2 | 0.19 | <2 | <10 | 260 | <0.5 | <2 | <0.01 | <0.5 | 2 | 133 | 8 | 0.95 |
| OB1219 | | 0.82 | 0.326 | <0.2 | 0.17 | <2 | <10 | 120 | <0.5 | <2 | <0.01 | <0.5 | 1 | 104 | 11 | 0.54 |
| OB1220 | | 0.80 | 0.412 | <0.2 | 0.18 | <2 | <10 | 90 | <0.5 | <2 | <0.01 | <0.5 | 1 | 104 | 8 | 0.76 |
| OB1221 | | 1.12 | 3.17 | 0.4 | 0.13 | <2 | <10 | 210 | <0.5 | <2 | <0.01 | <0.5 | 1 | 102 | 6 | 0.68 |
| OB1222 | | 1.00 | 0.334 | <0.2 | 0.17 | <2 | <10 | 20 | <0.5 | <2 | 0.01 | <0.5 | 1 | 76 | 10 | 0.50 |
| OB1223 | | 0.82 | 0.033 | <0.2 | 0.19 | <2 | <10 | 40 | <0.5 | <2 | <0.01 | <0.5 | 1 | 81 | 12 | 0.48 |
| OB1224 | | 1.06 | 0.065 | <0.2 | 0.17 | <2 | <10 | 70 | <0.5 | <2 | <0.01 | 0.6 | 1 | 76 | 12 | 0.43 |
| OB1225 | | 1.38 | 0.035 | <0.2 | 0.19 | <2 | <10 | 80 | <0.5 | <2 | <0.01 | <0.5 | 4 | 106 | 8 | 1.01 |
| OB1226 | | 0.80 | <0.005 | <0.2 | 0.20 | <2 | <10 | 40 | <0.5 | <2 | 0.06 | <0.5 | 2 | 80 | 8 | 0.40 |
| OB1227 | | 0.74 | 0.064 | <0.2 | 0.24 | <2 | <10 | 90 | <0.5 | <2 | <0.01 | <0.5 | 2 | 56 | 5 | 0.66 |
| OB1228 | | 1.10 | <0.005 | <0.2 | 0.15 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 1 | 78 | 6 | 0.50 |
| OB1229 | | 1.44 | 0.699 | <0.2 | 0.16 | <2 | <10 | 180 | <0.5 | <2 | 0.01 | <0.5 | 1 | 52 | 4 | 0.63 |
| OB1230 | | 0.76 | <0.005 | <0.2 | 0.17 | <2 | <10 | 30 | <0.5 | <2 | <0.01 | <0.5 | 7 | 82 | 7 | 1.81 |
| OB1231 | | 0.96 | <0.005 | <0.2 | 0.16 | <2 | <10 | 330 | <0.5 | <2 | 0.01 | <0.5 | 7 | 82 | 5 | 1.57 |
| OB1232 | | 0.90 | 0.018 | <0.2 | 0.13 | <2 | <10 | 180 | <0.5 | <2 | 0.01 | <0.5 | 3 | 142 | 11 | 0.88 |
| OB1233 | | 1.14 | <0.005 | <0.2 | 0.19 | <2 | <10 | 30 | <0.5 | <2 | <0.01 | <0.5 | 2 | 39 | 4 | 0.79 |
| OB1234 | | 0.66 | 0.447 | <0.2 | 0.39 | <2 | <10 | 60 | <0.5 | <2 | 0.02 | <0.5 | 6 | 73 | 14 | 0.93 |
| OB1235 | | 1.30 | 0.176 | <0.2 | 0.14 | 9 | <10 | 280 | <0.5 | <2 | <0.01 | <0.5 | 3 | 114 | 6 | 1.18 |
| OB1236 | | 1.74 | 0.005 | <0.2 | 0.16 | 2 | <10 | 30 | <0.5 | <2 | 0.01 | <0.5 | 2 | 58 | 6 | 0.56 |
| OB1237 | | 1.02 | <0.005 | <0.2 | 0.21 | <2 | <10 | 40 | <0.5 | <2 | 0.01 | <0.5 | 2 | 36 | 9 | 0.80 |
| OB1238 | | 1.24 | 0.014 | <0.2 | 0.13 | 3 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 2 | 117 | 10 | 0.65 |
| OB1239 | | 1.12 | 0.015 | <0.2 | 0.19 | <2 | <10 | 30 | <0.5 | <2 | <0.01 | <0.5 | 2 | 54 | 10 | 0.93 |
| OB1240 | | 1.18 | <0.005 | <0.2 | 0.11 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 1 | 71 | 20 | 0.44 |
| OB1241 | | 1.10 | 0.112 | 1.1 | 0.20 | <2 | <10 | 240 | <0.5 | <2 | 0.01 | <0.5 | 1 | 69 | 86 | 0.78 |
| OB1242 | | 0.78 | 0.598 | 2.4 | 0.13 | <2 | <10 | 80 | <0.5 | <2 | <0.01 | <0.5 | 2 | 170 | 41 | 0.88 |
| OB1243 | | 1.60 | 0.278 | 0.4 | 0.13 | <2 | <10 | 40 | <0.5 | <2 | 0.01 | <0.5 | 1 | 89 | 14 | 0.44 |
| OB1244 | | 1.30 | 0.052 | <0.2 | 0.15 | <2 | <10 | 30 | <0.5 | <2 | <0.01 | <0.5 | 1 | 89 | 11 | 0.30 |
| OB1245 | | 1.86 | 0.017 | <0.2 | 0.18 | <2 | <10 | 140 | <0.5 | <2 | <0.01 | <0.5 | 3 | 40 | 39 | 0.60 |
| OB1246 | | 1.22 | <0.005 | <0.2 | 0.14 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 1 | 98 | 5 | 0.49 |
| OB1247 | | 1.70 | <0.005 | <0.2 | 0.21 | <2 | <10 | 80 | <0.5 | <2 | 0.02 | <0.5 | 3 | 67 | 4 | 0.73 |
| OB1248 | | 1.40 | 0.071 | 0.2 | 0.13 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 2 | 70 | 31 | 0.46 |

Comments: Sample OB1235 exhibits Au nugget effect, check values: 0.137, 0.067 ppm.

**ALS Chemex****EXCELLENCE IN ANALYTICAL CHEMISTRY**

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Total # of pages : 3 (A - C)

Date : 25-Jun-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03020776

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| OB1249 | | 1.18 | <0.005 | <0.2 | 0.69 | <2 | <10 | 10 | <0.5 | <2 | 0.01 | <0.5 | 4 | 119 | 5 | 0.54 |
| OB1250 | | 1.24 | <0.005 | <0.2 | 0.02 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 2 | 188 | 8 | 0.52 |

Comments: Sample OB1235 exhibits Au nugget effect, check values: 0.137, 0.067 ppm.



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Total # of pages : 3 (A - C)

Date : 25-Jun-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS

VA03020776

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 |
|--------------------|-----------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| OB1209 | | <10 | <1 | 0.01 | <10 | <0.01 | 23 | 7 | 0.01 | 29 | 80 | 83 | 1.25 | <2 | <1 | 2 |
| OB1210 | | <10 | <1 | 0.02 | <10 | <0.01 | 9 | 19 | 0.01 | 12 | 190 | 75 | 0.17 | <2 | <1 | 2 |
| OB1211 | | <10 | <1 | 0.02 | <10 | <0.01 | 13 | 13 | 0.01 | 11 | 80 | 52 | 0.06 | <2 | <1 | 2 |
| OB1212 | | <10 | <1 | 0.14 | 20 | 0.01 | 21 | 1 | 0.02 | 3 | 140 | 18 | 0.02 | <2 | <1 | 6 |
| OB1213 | | <10 | <1 | 0.15 | 30 | 0.01 | 234 | 1 | 0.01 | 4 | 90 | 159 | 0.03 | <2 | <1 | 6 |
| OB1214 | | <10 | <1 | 0.13 | 20 | 0.01 | 8 | 2 | 0.01 | 5 | 120 | 22 | 0.02 | <2 | <1 | 2 |
| OB1215 | | <10 | <1 | 0.15 | 20 | 0.01 | 258 | 2 | 0.02 | 4 | 110 | 18 | 0.04 | <2 | <1 | 3 |
| OB1216 | | <10 | <1 | 0.15 | 20 | 0.01 | 135 | 1 | 0.01 | 4 | 110 | 37 | 0.01 | <2 | <1 | 2 |
| OB1217 | | <10 | <1 | 0.18 | 30 | 0.01 | 24 | 1 | 0.01 | 2 | 110 | 10 | <0.01 | <2 | <1 | 2 |
| OB1218 | | <10 | <1 | 0.18 | 20 | 0.01 | 11 | 3 | 0.01 | 7 | 190 | 7 | 0.15 | <2 | <1 | 4 |
| OB1219 | | <10 | <1 | 0.14 | 10 | 0.01 | 6 | 2 | 0.01 | 5 | 60 | 66 | 0.11 | <2 | <1 | 2 |
| OB1220 | | <10 | 1 | 0.17 | 20 | 0.01 | 9 | 2 | 0.01 | 6 | 170 | 14 | 0.13 | <2 | <1 | 4 |
| OB1221 | | <10 | 1 | 0.13 | 20 | 0.01 | 7 | 2 | 0.01 | 5 | 100 | 32 | 0.08 | <2 | <1 | 3 |
| OB1222 | | <10 | <1 | 0.10 | 20 | 0.01 | 13 | 2 | 0.02 | 4 | 130 | 12 | 0.01 | <2 | <1 | 2 |
| OB1223 | | <10 | <1 | 0.17 | 20 | 0.01 | 111 | 2 | <0.01 | 4 | 130 | 126 | 0.03 | <2 | <1 | 4 |
| OB1224 | | <10 | <1 | 0.15 | 20 | 0.01 | 14 | 1 | <0.01 | 4 | 70 | 108 | 0.02 | <2 | <1 | 2 |
| OB1225 | | <10 | <1 | 0.08 | 20 | 0.01 | 501 | 2 | 0.01 | 7 | 130 | 7 | <0.01 | <2 | 1 | 2 |
| OB1226 | | <10 | <1 | 0.15 | 20 | 0.02 | 158 | 1 | 0.01 | 5 | 110 | 3 | <0.01 | <2 | <1 | 2 |
| OB1227 | | <10 | <1 | 0.18 | 20 | 0.02 | 75 | 1 | 0.01 | 4 | 100 | 5 | <0.01 | <2 | <1 | 2 |
| OB1228 | | <10 | <1 | 0.05 | 20 | 0.01 | 33 | 1 | 0.03 | 4 | 70 | <2 | <0.01 | <2 | <1 | 1 |
| OB1229 | | <10 | <1 | 0.15 | 20 | 0.01 | 27 | 1 | 0.01 | 3 | 100 | 6 | 0.01 | <2 | <1 | 4 |
| OB1230 | | <10 | <1 | 0.08 | 20 | 0.01 | 224 | 2 | 0.04 | 8 | 160 | 2 | 0.01 | <2 | 1 | 2 |
| OB1231 | | <10 | 1 | 0.04 | 10 | 0.01 | 253 | 1 | 0.04 | 8 | 110 | 2 | 0.01 | <2 | 1 | 3 |
| OB1232 | | <10 | <1 | 0.07 | 10 | 0.01 | 197 | 3 | 0.02 | 8 | 80 | 3 | 0.01 | <2 | 1 | 2 |
| OB1233 | | <10 | <1 | 0.12 | 30 | 0.01 | 59 | 1 | 0.02 | 4 | 90 | 2 | <0.01 | <2 | <1 | 2 |
| OB1234 | | <10 | <1 | 0.19 | 20 | 0.05 | 150 | 1 | 0.01 | 6 | 150 | 9 | 0.01 | <2 | 1 | 2 |
| OB1235 | | <10 | <1 | 0.04 | 10 | 0.01 | 22 | 3 | 0.02 | 7 | 60 | 6 | 0.02 | <2 | <1 | 1 |
| OB1236 | | <10 | <1 | 0.09 | 30 | 0.01 | 39 | 1 | 0.02 | 4 | 80 | 2 | <0.01 | <2 | <1 | 2 |
| OB1237 | | <10 | <1 | 0.12 | 10 | 0.01 | 44 | 1 | 0.02 | 4 | 110 | 2 | <0.01 | <2 | <1 | 2 |
| OB1238 | | <10 | <1 | 0.03 | 10 | <0.01 | 10 | 3 | 0.02 | 7 | 70 | 3 | 0.01 | <2 | <1 | 1 |
| OB1239 | | <10 | <1 | 0.12 | 30 | 0.01 | 121 | 1 | 0.01 | 4 | 100 | 6 | <0.01 | <2 | <1 | 2 |
| OB1240 | | <10 | <1 | 0.05 | 20 | <0.01 | 13 | 3 | 0.03 | 3 | 70 | 7 | <0.01 | <2 | <1 | 1 |
| OB1241 | | <10 | <1 | 0.14 | 20 | 0.01 | 24 | 1 | 0.01 | 4 | 210 | 429 | 0.01 | <2 | <1 | 3 |
| OB1242 | | <10 | 1 | 0.12 | 10 | 0.01 | 632 | 3 | <0.01 | 9 | 90 | 435 | 0.03 | <2 | 1 | 1 |
| OB1243 | | <10 | <1 | 0.10 | 20 | 0.01 | 68 | 3 | <0.01 | 4 | 90 | 130 | <0.01 | <2 | <1 | 1 |
| OB1244 | | <10 | <1 | 0.12 | 20 | 0.01 | 111 | 2 | <0.01 | 5 | 40 | 57 | <0.01 | <2 | <1 | 2 |
| OB1245 | | <10 | <1 | 0.14 | 20 | 0.01 | 229 | 1 | <0.01 | 2 | 90 | 202 | <0.01 | <2 | <1 | 3 |
| OB1246 | | <10 | <1 | 0.03 | 20 | 0.01 | 98 | 2 | 0.03 | 5 | 60 | 2 | <0.01 | <2 | <1 | 2 |
| OB1247 | | <10 | <1 | 0.10 | 30 | 0.01 | 517 | 1 | 0.02 | 5 | 150 | 5 | 0.01 | <2 | 1 | 4 |
| OB1248 | | <10 | <1 | 0.08 | 10 | 0.01 | 31 | 2 | 0.02 | 4 | 50 | 14 | <0.01 | <2 | <1 | 1 |

Comments: Sample OB1235 exhibits Au nugget effect, check values: 0.137, 0.067 ppm.

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Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS**VA03020776**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|----------|-----------|-----------|-----------|----------|----------|-----------|----------|-----------|----------|-----------|----------|----------|
| | | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc |
| | | ppm 10 | ppm 1 | % 0.01 | ppm 10 | % 0.01 | ppm 5 | ppm 1 | % 0.01 | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 | ppm 1 |
| OB1249 | | <10 | <1 | 0.06 | 10 | 0.91 | 76 | 2 | <0.01 | 12 | 50 | 2 | <0.01 | <2 | <1 |
| OB1250 | | <10 | <1 | 0.01 | <10 | 0.01 | 54 | 4 | 0.01 | 10 | 30 | 3 | <0.01 | <2 | <1 |

Comments: Sample OB1235 exhibits Au nugget effect, check values: 0.137, 0.067 ppm.



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Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03020776

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ti % 0.01 | ME-ICP41 Ti ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 |
|--------------------|-----------------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|
| OB1209 | | <0.01 | <10 | <10 | 1 | <10 | 18 |
| OB1210 | | <0.01 | <10 | <10 | 1 | <10 | 4 |
| OB1211 | | <0.01 | <10 | <10 | 1 | <10 | 6 |
| OB1212 | | <0.01 | <10 | <10 | 1 | <10 | 4 |
| OB1213 | | <0.01 | <10 | <10 | 1 | <10 | 49 |
| OB1214 | | <0.01 | <10 | <10 | 1 | <10 | 2 |
| OB1215 | | <0.01 | <10 | <10 | 2 | <10 | 11 |
| OB1216 | | <0.01 | <10 | <10 | 1 | <10 | 6 |
| OB1217 | | <0.01 | <10 | <10 | 2 | <10 | 4 |
| OB1218 | | <0.01 | <10 | <10 | 1 | <10 | 3 |
| OB1219 | | <0.01 | <10 | <10 | 1 | <10 | 2 |
| OB1220 | | <0.01 | <10 | <10 | 2 | <10 | 3 |
| OB1221 | | <0.01 | <10 | <10 | 1 | <10 | 2 |
| OB1222 | | <0.01 | <10 | <10 | 1 | <10 | 6 |
| OB1223 | | <0.01 | <10 | <10 | 1 | <10 | 8 |
| OB1224 | | <0.01 | <10 | <10 | 1 | <10 | 51 |
| OB1225 | | <0.01 | <10 | <10 | 1 | <10 | 21 |
| OB1226 | | <0.01 | <10 | <10 | 1 | <10 | 8 |
| OB1227 | | <0.01 | <10 | <10 | 2 | <10 | 12 |
| OB1228 | | <0.01 | <10 | <10 | 1 | <10 | 6 |
| OB1229 | | <0.01 | <10 | <10 | 1 | <10 | 3 |
| OB1230 | | <0.01 | <10 | <10 | 1 | <10 | 47 |
| OB1231 | | <0.01 | <10 | <10 | 1 | <10 | 40 |
| OB1232 | | <0.01 | <10 | <10 | 2 | <10 | 17 |
| OB1233 | | <0.01 | <10 | <10 | 2 | <10 | 13 |
| OB1234 | | <0.01 | <10 | <10 | 2 | <10 | 17 |
| OB1235 | | <0.01 | <10 | <10 | 1 | <10 | 3 |
| OB1236 | | <0.01 | <10 | <10 | 1 | <10 | 5 |
| OB1237 | | <0.01 | <10 | <10 | 2 | <10 | 14 |
| OB1238 | | <0.01 | <10 | <10 | 1 | <10 | 2 |
| OB1239 | | <0.01 | <10 | <10 | 1 | <10 | 21 |
| OB1240 | | <0.01 | <10 | <10 | 1 | <10 | 4 |
| OB1241 | | <0.01 | <10 | <10 | 1 | <10 | 42 |
| OB1242 | | <0.01 | <10 | <10 | 2 | <10 | 66 |
| OB1243 | | <0.01 | <10 | <10 | 1 | <10 | 37 |
| OB1244 | | <0.01 | <10 | <10 | 1 | <10 | 7 |
| OB1245 | | <0.01 | <10 | <10 | 1 | 80 | 50 |
| OB1246 | | <0.01 | <10 | <10 | 2 | <10 | 4 |
| OB1247 | | <0.01 | <10 | <10 | 1 | <10 | 10 |
| OB1248 | | <0.01 | <10 | <10 | 1 | <10 | 4 |

Comments: Sample OB1235 exhibits Au nugget effect, check values: 0.137, 0.067 ppm.

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Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS**VA03020776**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|-----------|----------|----------|----------|-----------|
| | | Tl % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
| | | 0.01 | 10 | 10 | 1 | 10 | 2 |
| OB1249 | | <0.01 | <10 | <10 | 3 | <10 | 17 |
| OB1250 | | <0.01 | <10 | <10 | 2 | <10 | 8 |

Comments: Sample OB1235 exhibits Au nugget effect, check values: 0.137, 0.067 ppm.



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Page #: 1
Date : 23-Jun-2003
Account: NJY

CERTIFICATE VA03021113

Zinger

Project : Cranbrook Gold
P.O. No:
This report is for 32 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 17-Jun-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |
| LOG-22 | Sample login - Rcd w/o BarCode |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
104-135 10TH AVE S
CRANBROOK BC V1C 2N1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

[Signature]

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Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS**VA03021113**

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| OB1251 | | | <0.005 | <0.2 | 0.11 | <2 | <10 | 20 | <0.5 | <2 | 0.03 | <0.5 | 1 | 142 | 6 | 0.68 |
| OB1252 | | | <0.005 | <0.2 | 0.11 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 1 | 210 | 7 | 0.53 |
| OB1253 | | | <0.005 | <0.2 | 0.11 | <2 | <10 | 10 | <0.5 | <2 | 0.01 | <0.5 | 1 | 170 | 6 | 0.64 |
| OB1254 | | | <0.005 | <0.2 | 0.11 | <2 | <10 | 100 | <0.5 | <2 | 0.01 | <0.5 | 2 | 180 | 12 | 0.70 |
| OB1255 | | | <0.005 | <0.2 | 0.10 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 1 | 208 | 9 | 0.61 |
| OB1256 | | | <0.005 | <0.2 | 0.11 | <2 | <10 | 20 | <0.5 | <2 | 0.01 | <0.5 | 1 | 186 | 12 | 0.59 |
| OB1257 | | | <0.005 | <0.2 | 0.17 | <2 | <10 | 30 | <0.5 | <2 | 0.02 | <0.5 | 2 | 157 | 6 | 0.83 |
| OB1258 | | | <0.005 | <0.2 | 0.11 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 2 | 218 | 11 | 0.88 |
| OB1259 | | | 0.037 | <0.2 | 0.14 | <2 | <10 | 900 | <0.5 | <2 | 0.01 | <0.5 | 2 | 163 | 14 | 0.61 |
| OB1260 | | | 0.186 | <0.2 | 0.18 | <2 | <10 | 220 | <0.5 | <2 | 0.01 | <0.5 | 7 | 192 | 32 | 1.16 |
| OB1261 | | | 0.006 | <0.2 | 0.14 | 2 | <10 | 80 | <0.5 | <2 | 0.01 | 0.8 | 5 | 131 | 58 | 3.88 |
| OB1262 | | | <0.005 | <0.2 | 0.18 | 2 | <10 | 80 | <0.5 | <2 | 0.10 | <0.5 | 3 | 200 | 7 | 1.08 |
| OB1263 | | | <0.005 | <0.2 | 0.15 | <2 | <10 | 70 | <0.5 | <2 | <0.01 | <0.5 | 3 | 154 | 5 | 0.93 |
| OB1264 | | | <0.005 | <0.2 | 0.14 | <2 | <10 | 40 | <0.5 | <2 | <0.01 | <0.5 | 1 | 190 | 8 | 0.51 |
| OB1265 | | | 0.044 | <0.2 | 0.15 | <2 | <10 | 90 | <0.5 | <2 | <0.01 | <0.5 | 2 | 134 | 10 | 0.65 |
| OB1266 | | | 0.148 | 0.2 | 0.12 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 1 | 140 | 12 | 0.55 |
| OB1267 | | | 0.016 | <0.2 | 0.07 | <2 | <10 | 50 | <0.5 | <2 | <0.01 | <0.5 | 2 | 188 | 12 | 0.94 |
| OB1268 | | | 0.378 | 1.5 | 0.12 | 3 | <10 | 1130 | <0.5 | <2 | <0.01 | <0.5 | 59 | 231 | 37 | 2.21 |
| OB1269 | | | 0.965 | <0.2 | 0.22 | 6 | <10 | 210 | <0.5 | <2 | 0.05 | <0.5 | 4 | 65 | 5 | 1.17 |
| OB1270 | | | 0.275 | <0.2 | 0.16 | <2 | <10 | 440 | <0.5 | <2 | 0.01 | <0.5 | 1 | 172 | 8 | 0.55 |
| OB1271 | | | 0.075 | <0.2 | 0.16 | <2 | <10 | 300 | <0.5 | <2 | 0.01 | <0.5 | 2 | 138 | 8 | 0.67 |
| OB1272 | | | 0.023 | 0.5 | 0.08 | 2 | <10 | 430 | <0.5 | <2 | <0.01 | 0.5 | 179 | 213 | 62 | 5.22 |
| OB1273 | | | 0.083 | <0.2 | 0.14 | <2 | <10 | 150 | <0.5 | <2 | 0.01 | <0.5 | 1 | 130 | 8 | 0.54 |
| OB1274 | | | 1.740 | <0.2 | 0.15 | 2 | <10 | 130 | <0.5 | 2 | <0.01 | <0.5 | 6 | 202 | 8 | 1.44 |
| OB1275 | | | 0.215 | <0.2 | 0.13 | 2 | <10 | 210 | <0.5 | <2 | <0.01 | <0.5 | 1 | 136 | 8 | 0.68 |
| OB1276 | | | 1.315 | <0.2 | 0.18 | 2 | <10 | 130 | <0.5 | <2 | 0.01 | <0.5 | 6 | 163 | 7 | 1.34 |
| OB1277 | | | 0.907 | <0.2 | 0.17 | <2 | <10 | 100 | <0.5 | <2 | 0.01 | <0.5 | 4 | 125 | 10 | 1.03 |
| OB1278 | | | 0.550 | <0.2 | 0.14 | 2 | <10 | 50 | <0.5 | <2 | <0.01 | <0.5 | 1 | 154 | 8 | 0.76 |
| OB1281 | | | 0.017 | <0.2 | 0.13 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 168 | 21 | 0.81 |
| OB1282 | | | 0.258 | 10.5 | 0.16 | <2 | <10 | 170 | <0.5 | 8 | 0.01 | <0.5 | 1 | 174 | 130 | 0.82 |
| OB1283 | | | 0.982 | <0.2 | 1.43 | <2 | <10 | 40 | <0.5 | <2 | 0.01 | <0.5 | 3 | 86 | 12 | 1.07 |

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Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03021113

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 |
|--------------------|-----------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| OB1251 | | <10 | <1 | 0.04 | 20 | 0.01 | 42 | 2 | 0.02 | 7 | 150 | 4 | <0.01 | <2 | <1 | 3 |
| OB1252 | | <10 | <1 | 0.06 | 10 | 0.01 | 38 | 4 | 0.01 | 11 | 40 | 2 | <0.01 | <2 | <1 | 1 |
| OB1253 | | <10 | <1 | 0.02 | 10 | 0.01 | 66 | 3 | 0.02 | 8 | 90 | 2 | <0.01 | <2 | <1 | 1 |
| OB1254 | | <10 | <1 | 0.05 | 10 | 0.01 | 241 | 3 | 0.02 | 9 | 50 | 40 | <0.01 | <2 | <1 | 2 |
| OB1255 | | <10 | <1 | 0.03 | 10 | <0.01 | 96 | 4 | 0.02 | 10 | 30 | 3 | <0.01 | <2 | <1 | 1 |
| OB1256 | | <10 | <1 | 0.04 | <10 | <0.01 | 72 | 3 | 0.03 | 8 | 60 | 5 | <0.01 | <2 | <1 | 1 |
| OB1257 | | <10 | <1 | 0.07 | 20 | 0.01 | 101 | 3 | 0.02 | 8 | 150 | 3 | <0.01 | <2 | 1 | 2 |
| OB1258 | | <10 | <1 | 0.05 | 20 | <0.01 | 53 | 7 | 0.02 | 10 | 50 | 10 | <0.01 | <2 | <1 | 2 |
| OB1259 | | <10 | <1 | 0.10 | 20 | 0.01 | 130 | 3 | 0.02 | 8 | 130 | 11 | 0.02 | <2 | <1 | 7 |
| OB1260 | | <10 | <1 | 0.16 | 30 | 0.01 | 943 | 5 | 0.01 | 12 | 180 | 38 | 0.01 | <2 | 1 | 2 |
| OB1261 | | <10 | <1 | 0.09 | 30 | 0.01 | 296 | 4 | 0.02 | 9 | 90 | 70 | <0.01 | <2 | <1 | 3 |
| OB1262 | | <10 | <1 | 0.12 | 20 | 0.02 | 197 | 4 | 0.01 | 11 | 530 | 2 | <0.01 | <2 | <1 | 4 |
| OB1263 | | <10 | <1 | 0.09 | 20 | 0.01 | 259 | 3 | 0.02 | 9 | 70 | 2 | <0.01 | <2 | 1 | 2 |
| OB1264 | | <10 | <1 | 0.03 | 20 | 0.01 | 33 | 4 | 0.03 | 10 | 70 | 7 | <0.01 | <2 | <1 | 1 |
| OB1265 | | <10 | <1 | 0.13 | 10 | 0.01 | 250 | 5 | 0.01 | 6 | 70 | 13 | 0.01 | <2 | <1 | 2 |
| OB1266 | | <10 | <1 | 0.11 | 10 | 0.01 | 266 | 3 | <0.01 | 6 | 90 | 286 | 0.01 | <2 | <1 | 1 |
| OB1267 | | <10 | <1 | 0.08 | 10 | <0.01 | 20 | 4 | <0.01 | 9 | 60 | 33 | 0.04 | <2 | <1 | 1 |
| OB1268 | | <10 | <1 | 0.12 | 10 | 0.01 | 21 | 6 | 0.02 | 16 | 170 | 112 | 0.05 | <2 | <1 | 5 |
| OB1269 | | <10 | <1 | 0.20 | 30 | 0.02 | 110 | 1 | <0.01 | 6 | 510 | 12 | 0.02 | <2 | <1 | 9 |
| OB1270 | | <10 | <1 | 0.14 | 20 | 0.01 | 96 | 3 | 0.01 | 8 | 100 | 12 | 0.01 | <2 | <1 | 5 |
| OB1271 | | <10 | <1 | 0.13 | 10 | 0.01 | 30 | 3 | 0.01 | 6 | 100 | 37 | 0.04 | <2 | <1 | 5 |
| OB1272 | | <10 | <1 | 0.07 | <10 | 0.01 | 45 | 5 | 0.01 | 27 | 120 | 43 | 0.29 | <2 | <1 | 4 |
| OB1273 | | <10 | <1 | 0.10 | 10 | 0.01 | 27 | 3 | 0.01 | 6 | 110 | 6 | 0.01 | <2 | <1 | 3 |
| OB1274 | | <10 | <1 | 0.13 | 20 | 0.01 | 231 | 5 | <0.01 | 15 | 90 | 6 | 0.03 | <2 | 1 | 2 |
| OB1275 | | <10 | <1 | 0.11 | 10 | 0.01 | 13 | 3 | 0.01 | 7 | 110 | 12 | 0.06 | <2 | <1 | 6 |
| OB1276 | | <10 | <1 | 0.15 | 30 | 0.01 | 395 | 4 | 0.01 | 14 | 270 | 11 | 0.02 | <2 | 1 | 3 |
| OB1277 | | <10 | <1 | 0.14 | 30 | 0.01 | 183 | 3 | 0.01 | 9 | 150 | 9 | 0.01 | <2 | 1 | 3 |
| OB1278 | | <10 | <1 | 0.12 | 20 | 0.01 | 13 | 3 | <0.01 | 9 | 100 | 59 | 0.02 | <2 | <1 | 2 |
| OB1281 | | <10 | <1 | 0.04 | 10 | <0.01 | 32 | 4 | 0.03 | 9 | 70 | 4 | <0.01 | <2 | <1 | 1 |
| OB1282 | | <10 | <1 | 0.12 | 10 | 0.01 | 17 | 4 | 0.01 | 10 | 180 | 579 | 0.02 | <2 | <1 | 2 |
| OB1283 | | <10 | <1 | 0.14 | 20 | 0.03 | 114 | 2 | 0.01 | 7 | 170 | 22 | 0.01 | <2 | 1 | 3 |

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Page #: 2 - C

Total # of pages : 2 (A - C)

Date : 23-Jun-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS **VA03021113**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ti | Ti | U | V | W | Zn |
| | | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| OB1251 | | 0.01 | <10 | <10 | 2 | <10 | 3 |
| OB1252 | | <0.01 | <10 | <10 | 2 | <10 | 4 |
| OB1253 | | <0.01 | <10 | <10 | 2 | <10 | 4 |
| OB1254 | | <0.01 | <10 | <10 | 1 | <10 | 19 |
| OB1255 | | <0.01 | <10 | <10 | 1 | <10 | 6 |
| OB1256 | | <0.01 | <10 | <10 | 1 | <10 | 7 |
| OB1257 | | <0.01 | <10 | <10 | 2 | <10 | 11 |
| OB1258 | | <0.01 | <10 | <10 | 2 | <10 | 7 |
| OB1259 | | <0.01 | <10 | <10 | 2 | <10 | 4 |
| OB1260 | | <0.01 | <10 | <10 | 2 | <10 | 9 |
| OB1261 | | 0.01 | <10 | <10 | 10 | <10 | 28 |
| OB1262 | | 0.01 | <10 | <10 | 3 | <10 | 9 |
| OB1263 | | <0.01 | <10 | <10 | 2 | <10 | 14 |
| OB1264 | | <0.01 | <10 | <10 | 1 | <10 | 4 |
| OB1265 | | <0.01 | <10 | <10 | 1 | <10 | 3 |
| OB1266 | | <0.01 | <10 | <10 | 1 | <10 | 21 |
| OB1267 | | <0.01 | <10 | <10 | 1 | <10 | 3 |
| OB1268 | | <0.01 | <10 | <10 | 2 | <10 | 4 |
| OB1269 | | <0.01 | <10 | <10 | 2 | <10 | 8 |
| OB1270 | | <0.01 | <10 | <10 | 1 | <10 | 4 |
| OB1271 | | <0.01 | <10 | <10 | 1 | <10 | 5 |
| OB1272 | | <0.01 | <10 | <10 | 2 | <10 | 11 |
| OB1273 | | <0.01 | <10 | <10 | 1 | <10 | 3 |
| OB1274 | | <0.01 | <10 | <10 | 2 | <10 | 10 |
| OB1275 | | <0.01 | <10 | <10 | 1 | <10 | 2 |
| OB1276 | | <0.01 | <10 | <10 | 2 | <10 | 12 |
| OB1277 | | <0.01 | <10 | <10 | 2 | <10 | 21 |
| OB1278 | | <0.01 | <10 | <10 | 2 | <10 | 10 |
| OB1281 | | <0.01 | <10 | <10 | 2 | <10 | 12 |
| OB1282 | | <0.01 | <10 | <10 | 2 | <10 | 7 |
| OB1283 | | 0.03 | <10 | <10 | 9 | <10 | 18 |

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Page #: 1

Date : 9-Jul-2003

Account: NJY

CERTIFICATE VA03021218

Project : Cranbrook Gold

P.O. No:

This report is for 55 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 19-Jun-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

*Zinger-rock**(corrected version)***SAMPLE PREPARATION**

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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CRANBROOK BC V1C 2N1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Page #: 2 - A

Total # of pages : 3 (A - C)

Date : 9-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS

VA03021218

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 S ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| OB1280 | | 1.58 | 0.009 | <0.2 | 0.24 | <2 | <10 | 40 | <0.5 | <2 | <0.01 | <0.5 | 1 | 69 | 8 | 0.58 |
| OB1284 | | 0.76 | 0.182 | <0.2 | 0.33 | <2 | <10 | 820 | <0.5 | <2 | <0.01 | <0.5 | 5 | 75 | 14 | 0.83 |
| OB1285 | | 1.24 | 0.045 | <0.2 | 0.18 | 2 | <10 | 130 | <0.5 | <2 | <0.01 | <0.5 | 1 | 14 | 3 | 0.59 |
| OB1286 | | 0.68 | 0.008 | <0.2 | 0.30 | <2 | <10 | 50 | <0.5 | <2 | <0.01 | <0.5 | 2 | 71 | 4 | 0.95 |
| OB1287 | | 1.60 | 0.037 | <0.2 | 0.16 | <2 | <10 | 40 | <0.5 | <2 | <0.01 | <0.5 | 1 | 112 | 5 | 0.47 |
| OB1288 | | 1.58 | <0.005 | <0.2 | 0.12 | <2 | <10 | 20 | <0.5 | <2 | 0.01 | <0.5 | 1 | 10 | 2 | 0.78 |
| OB1289 | | 1.76 | <0.005 | <0.2 | 0.21 | <2 | <10 | 230 | <0.5 | <2 | 0.04 | <0.5 | 4 | 78 | 4 | 1.13 |
| OB1290 | | 1.10 | <0.005 | <0.2 | 0.19 | <2 | <10 | 30 | <0.5 | <2 | <0.01 | <0.5 | 1 | 65 | 6 | 0.69 |
| OB1291 | | 0.98 | <0.005 | <0.2 | 0.04 | 7 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 3 | 13 | 4 | 2.39 |
| OB1292 | | 1.02 | 0.007 | 0.6 | 0.03 | 15 | <10 | 10 | <0.5 | 2 | <0.01 | <0.5 | 42 | 225 | 17 | 2.64 |
| OB1293 | | 1.30 | 0.041 | <0.2 | 0.11 | 85 | 10 | 10 | <0.5 | <2 | 0.07 | <0.5 | 10 | 183 | 8 | 2.26 |
| OB1294 | | 0.92 | 0.007 | <0.2 | 0.24 | 58 | <10 | 10 | <0.5 | <2 | 0.10 | <0.5 | 9 | 7 | 6 | 1.61 |
| OB1295 | | 1.30 | <0.005 | 0.9 | 0.07 | 93 | <10 | 50 | <0.5 | <2 | <0.01 | <0.5 | 7 | 214 | 81 | 4.66 |
| OB1296 | | 1.28 | <0.005 | 0.4 | 0.05 | 50 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 4 | 192 | 40 | 2.39 |
| OB1297 | | 1.12 | 0.055 | <0.2 | 0.29 | 31 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 4 | 10 | 3 | 0.88 |
| OB1298 | | 1.16 | 0.010 | <0.2 | 0.23 | 28 | <10 | 20 | <0.5 | <2 | 0.01 | <0.5 | 6 | 89 | 12 | 1.55 |
| OB1299 | | 1.08 | <0.005 | <0.2 | 0.07 | 23 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 4 | 231 | 13 | 1.70 |
| OB1300 | | 0.76 | <0.005 | <0.2 | 0.26 | <2 | <10 | 30 | <0.5 | <2 | <0.01 | <0.5 | 2 | 4 | 6 | 0.95 |
| OB1301 | | 0.74 | <0.005 | <0.2 | 0.48 | 2 | <10 | 30 | <0.5 | <2 | <0.01 | <0.5 | 8 | 27 | 2 | 2.59 |
| OB1302 | | 0.66 | 0.031 | <0.2 | 0.24 | 6 | <10 | 30 | <0.5 | <2 | <0.01 | <0.5 | 23 | 33 | 10 | 1.46 |
| OB1303 | | 0.66 | 0.197 | 0.2 | 0.22 | 124 | <10 | 30 | <0.5 | <2 | <0.01 | 1.1 | 24 | 59 | 23 | 4.36 |
| OB1304 | | 0.66 | 0.009 | <0.2 | 0.20 | 2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 14 | 33 | 11 | 1.03 |
| OB1305 | | 2.08 | 0.006 | <0.2 | 0.07 | 32 | <10 | 10 | <0.5 | 2 | <0.01 | <0.5 | 5 | 113 | 7 | 2.59 |
| OB1306 | | 2.00 | 0.011 | 0.9 | 0.11 | 58 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 26 | 8 | 12 | 5.49 |
| OB1307 | | 2.28 | 0.019 | 0.2 | 0.06 | 49 | <10 | 10 | <0.5 | 2 | <0.01 | <0.5 | 18 | 69 | 13 | 3.54 |
| OB1308 | | 1.84 | 0.022 | 1.3 | 0.04 | 41 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 5 | 130 | 12 | 4.05 |
| OB1309 | | 1.82 | 0.015 | <0.2 | 0.14 | 172 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 14 | 11 | 44 | 7.36 |
| OB1310 | | 1.98 | 0.020 | 0.9 | 0.10 | 88 | <10 | 10 | <0.5 | 5 | <0.01 | 0.5 | 19 | 196 | 39 | 5.81 |
| OB1311 | | 2.22 | 0.016 | 0.8 | 0.26 | 109 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 49 | 12 | 26 | 8.38 |
| OB1312 | | 1.04 | 0.008 | <0.2 | 0.12 | 30 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 6 | 8 | 10 | 3.52 |
| OB1313 | | 0.80 | 0.010 | 0.5 | 0.08 | 38 | <10 | 10 | <0.5 | 2 | <0.01 | <0.5 | 4 | 218 | 20 | 2.76 |
| OB1314 | | 1.70 | 0.005 | <0.2 | 0.20 | 14 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 4 | 64 | 7 | 1.13 |
| OB1315 | | 1.38 | <0.005 | <0.2 | 0.18 | 16 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 11 | 8 | 6 | 2.09 |
| OB1316 | | 1.32 | 0.017 | 1.4 | 0.02 | 56 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 79 | 222 | 13 | 3.51 |
| OB7001 | | 1.30 | <0.005 | <0.2 | 0.04 | 296 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 4 | 213 | 18 | 4.10 |
| OB7002 | | 0.90 | <0.005 | <0.2 | 0.04 | 82 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 3 | 9 | 6 | 1.76 |
| OB7003 | | 1.14 | <0.005 | <0.2 | 0.03 | 6 | <10 | 10 | <0.5 | <2 | 0.01 | <0.5 | 2 | 188 | 11 | 1.00 |
| OB7004 | | 1.10 | <0.005 | <0.2 | 0.06 | 51 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 136 | 6 | 0.87 |
| GD1001 | | 1.04 | <0.005 | <0.2 | 0.16 | <2 | <10 | 140 | <0.5 | <2 | 0.01 | <0.5 | 2 | 12 | 11 | 1.10 |
| GD1002 | | 1.40 | <0.005 | <0.2 | 0.20 | <2 | <10 | 250 | <0.5 | <2 | 0.01 | <0.5 | 3 | 78 | 5 | 0.63 |

Comments: ** CORRECTED COPY for sample description on samples GD1001 to GD1017 ** Sample OB1011 exhibits Au nugget effect, check values: 0.204, 0.094 ppm.



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Page #: 3 - A
Total # of pages : 3 (A - C)
Date : 9-Jul-2003
Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03021218

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| GD1003 | | 0.88 | <0.005 | <0.2 | 0.19 | 2 | <10 | 140 | <0.5 | <2 | 0.08 | <0.5 | 3 | 10 | 5 | 1.64 |
| GD1004 | | 0.88 | <0.005 | <0.2 | 0.20 | <2 | <10 | 40 | <0.5 | <2 | 0.01 | <0.5 | 2 | 127 | 7 | 0.94 |
| GD1005 | | 0.88 | 0.033 | <0.2 | 0.22 | <2 | <10 | 470 | <0.5 | <2 | 0.02 | <0.5 | 3 | 33 | 5 | 1.48 |
| GD1006 | | 1.02 | <0.005 | <0.2 | 0.20 | 2 | <10 | 30 | <0.5 | <2 | 0.02 | <0.5 | 2 | 5 | 2 | 0.98 |
| GD1007 | | 1.14 | 0.009 | <0.2 | 0.88 | 2 | <10 | 20 | <0.5 | <2 | 0.01 | <0.5 | 6 | 106 | 72 | 2.78 |
| GD1008 | | 1.52 | <0.005 | <0.2 | 0.20 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 2 | 84 | 5 | 0.78 |
| GD1009 | | 1.06 | <0.005 | <0.2 | 0.31 | <2 | <10 | 50 | <0.5 | <2 | 0.01 | <0.5 | 5 | 7 | 4 | 1.28 |
| GD1010 | | 1.18 | <0.005 | <0.2 | 0.12 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 2 | 177 | 7 | 0.84 |
| GD1011 | | 0.94 | 0.034 | <0.2 | 0.15 | <2 | <10 | 60 | <0.5 | <2 | 0.03 | <0.5 | 4 | 118 | 7 | 1.78 |
| GD1012 | | 1.28 | <0.005 | <0.2 | 0.16 | 2 | <10 | 40 | <0.5 | <2 | <0.01 | <0.5 | 2 | 5 | 3 | 1.11 |
| GD1013 | | 1.16 | 0.043 | <0.2 | 0.17 | 5 | <10 | 60 | <0.5 | <2 | 0.02 | <0.5 | 2 | 52 | 6 | 1.23 |
| GD1014 | | 0.88 | 0.021 | <0.2 | 0.22 | 2 | <10 | 80 | <0.5 | <2 | 0.03 | <0.5 | 4 | 58 | 5 | 1.57 |
| GD1015 | | 0.90 | 0.445 | <0.2 | 0.18 | 12 | <10 | 30 | <0.5 | <2 | <0.01 | <0.5 | 2 | 56 | 10 | 0.97 |
| GD1016 | | 0.40 | 0.006 | <0.2 | 0.16 | <2 | <10 | 820 | <0.5 | <2 | 0.25 | <0.5 | 4 | 124 | 9 | 0.83 |
| GD1017 | | 0.80 | <0.005 | <0.2 | 0.21 | 2 | <10 | 90 | <0.5 | <2 | <0.01 | <0.5 | 6 | 93 | 8 | 1.43 |

Comments: ** CORRECTED COPY for sample description on samples GD1001 to GD1017 ** Sample OB1011 exhibits Au nugget effect, check values: 0.204, 0.094 ppm.

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Total # of pages : 3 (A - C)

Date : 9-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03021218

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 |
|--------------------|-----------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| OB1280 | | <10 | <1 | 0.13 | 30 | 0.01 | 53 | 1 | 0.02 | 4 | 80 | 9 | <0.01 | <2 | <1 | 2 |
| OB1284 | | <10 | <1 | 0.22 | 30 | 0.02 | 566 | 1 | 0.01 | 5 | 90 | 30 | 0.03 | <2 | <1 | 4 |
| OB1285 | | <10 | <1 | 0.15 | 10 | 0.01 | 46 | <1 | <0.01 | 1 | 50 | 25 | 0.01 | <2 | <1 | 1 |
| OB1286 | | <10 | <1 | 0.23 | 30 | 0.02 | 69 | 2 | 0.02 | 6 | 90 | 2 | <0.01 | <2 | <1 | 3 |
| OB1287 | | <10 | <1 | 0.17 | 10 | 0.01 | 11 | 2 | <0.01 | 5 | 40 | 79 | 0.03 | <2 | <1 | 1 |
| OB1288 | | <10 | <1 | 0.04 | 10 | 0.01 | 58 | <1 | 0.03 | 1 | 80 | 2 | <0.01 | <2 | <1 | 2 |
| OB1289 | | <10 | <1 | 0.16 | 30 | 0.02 | 236 | 1 | 0.03 | 6 | 280 | 3 | 0.01 | <2 | 1 | 6 |
| OB1290 | | <10 | <1 | 0.13 | 20 | 0.01 | 24 | 1 | 0.02 | 4 | 70 | <2 | <0.01 | <2 | <1 | 2 |
| OB1291 | | <10 | <1 | 0.02 | <10 | <0.01 | 51 | 6 | <0.01 | 1 | 20 | <2 | <0.01 | <2 | <1 | 1 |
| OB1292 | | <10 | <1 | 0.02 | <10 | <0.01 | 14 | 5 | 0.01 | 23 | 10 | 3 | 1.35 | <2 | <1 | 1 |
| OB1293 | | <10 | <1 | 0.06 | <10 | 0.02 | 168 | 4 | <0.01 | 18 | 460 | 5 | <0.01 | <2 | 2 | 3 |
| OB1294 | | <10 | 1 | 0.15 | <10 | 0.01 | 83 | <1 | 0.01 | 5 | 550 | 30 | 0.01 | <2 | 1 | 5 |
| OB1295 | | <10 | <1 | 0.02 | <10 | 0.04 | 587 | 5 | <0.01 | 20 | 410 | 2 | <0.01 | 22 | 5 | 1 |
| OB1296 | | <10 | <1 | 0.02 | <10 | 0.02 | 313 | 4 | <0.01 | 16 | 190 | <2 | <0.01 | 9 | 2 | 1 |
| OB1297 | | <10 | <1 | 0.15 | 10 | 0.03 | 251 | <1 | 0.01 | 5 | 60 | 4 | <0.01 | <2 | 1 | 1 |
| OB1298 | | <10 | <1 | 0.14 | 10 | 0.02 | 250 | 2 | 0.01 | 13 | 230 | 7 | 0.01 | <2 | 2 | 1 |
| OB1299 | | <10 | <1 | 0.04 | <10 | 0.01 | 108 | 5 | <0.01 | 16 | 100 | 2 | <0.01 | <2 | 1 | 1 |
| OB1300 | | <10 | <1 | 0.08 | 20 | 0.01 | 82 | <1 | 0.04 | 2 | 80 | 2 | <0.01 | <2 | 1 | 2 |
| OB1301 | | <10 | <1 | 0.20 | 40 | 0.02 | 91 | 1 | 0.02 | 11 | 190 | 2 | <0.01 | <2 | 1 | 2 |
| OB1302 | | <10 | <1 | 0.15 | 30 | 0.01 | 191 | 1 | <0.01 | 8 | 160 | 10 | 0.01 | <2 | 1 | 2 |
| OB1303 | | <10 | <1 | 0.15 | 20 | 0.01 | 210 | 2 | <0.01 | 12 | 260 | 27 | 0.01 | <2 | 1 | 2 |
| OB1304 | | <10 | <1 | 0.16 | 30 | 0.01 | 124 | 1 | <0.01 | 8 | 100 | 4 | <0.01 | <2 | 1 | 2 |
| OB1305 | | <10 | <1 | 0.05 | 10 | <0.01 | 40 | 2 | <0.01 | 7 | 80 | 57 | 0.02 | 2 | <1 | 1 |
| OB1306 | | <10 | <1 | 0.06 | 10 | <0.01 | 40 | 1 | <0.01 | 5 | 300 | 190 | 0.03 | 2 | 1 | 1 |
| OB1307 | | <10 | <1 | 0.04 | <10 | <0.01 | 9 | 2 | <0.01 | 6 | 170 | 163 | 0.02 | 6 | <1 | 1 |
| OB1308 | | <10 | <1 | 0.02 | <10 | <0.01 | 9 | 3 | <0.01 | 9 | 40 | 21 | 0.03 | 2 | <1 | 1 |
| OB1309 | | <10 | <1 | 0.08 | <10 | <0.01 | 42 | 1 | <0.01 | 4 | 270 | 134 | 0.03 | 16 | 1 | 1 |
| OB1310 | | <10 | <1 | 0.05 | <10 | <0.01 | 21 | 4 | <0.01 | 14 | 270 | 83 | 0.07 | 24 | 1 | 1 |
| OB1311 | | <10 | <1 | 0.13 | <10 | 0.01 | 60 | 1 | 0.01 | 16 | 870 | 489 | 0.03 | 3 | 4 | 2 |
| OB1312 | | <10 | <1 | 0.07 | 10 | 0.01 | 66 | 1 | <0.01 | 5 | 110 | 29 | 0.02 | <2 | 1 | 2 |
| OB1313 | | <10 | <1 | 0.06 | <10 | <0.01 | 12 | 4 | 0.01 | 12 | 70 | 84 | 0.02 | 7 | <1 | 2 |
| OB1314 | | <10 | <1 | 0.13 | 20 | 0.04 | 10 | 1 | <0.01 | 5 | 130 | 16 | <0.01 | <2 | <1 | 1 |
| OB1315 | | <10 | <1 | 0.11 | 30 | 0.03 | 113 | <1 | <0.01 | 11 | 230 | 3 | <0.01 | <2 | 1 | 1 |
| OB1316 | | <10 | <1 | 0.01 | <10 | <0.01 | 10 | 5 | <0.01 | 27 | 30 | 43 | 1.60 | 2 | <1 | 1 |
| OB7001 | | <10 | <1 | <0.01 | <10 | 0.03 | 248 | 5 | <0.01 | 16 | 360 | <2 | <0.01 | 4 | 3 | 1 |
| OB7002 | | <10 | <1 | 0.01 | <10 | 0.01 | 281 | 1 | <0.01 | 5 | 100 | 3 | <0.01 | <2 | 1 | 1 |
| OB7003 | | <10 | <1 | <0.01 | <10 | 0.01 | 162 | 4 | <0.01 | 12 | 70 | 2 | <0.01 | <2 | 1 | 1 |
| OB7004 | | <10 | <1 | 0.04 | <10 | 0.01 | 77 | 3 | <0.01 | 9 | 70 | <2 | <0.01 | <2 | 1 | 1 |
| GD1001 | | <10 | <1 | 0.08 | 20 | 0.03 | 97 | <1 | 0.04 | 1 | 40 | 4 | 0.01 | <2 | <1 | 3 |
| GD1002 | | <10 | <1 | 0.09 | 20 | 0.08 | 206 | 2 | 0.02 | 8 | 40 | 6 | 0.01 | <2 | <1 | 7 |

Comments: ** CORRECTED COPY for sample description on samples GD1001 to GD1017 ** Sample OB1011 exhibits Au nugget effect, check values: 0.204, 0.094 ppm.

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Date : 9-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03021218

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | Ga ppm 10 | Hg ppm 1 | K % 0.01 | La ppm 10 | Mg % 0.01 | Mn ppm 5 | Mo ppm 1 | Na % 0.01 | Ni ppm 1 | P ppm 10 | Pb ppm 2 | S % 0.01 | Sb ppm 2 | Sc ppm 1 | Sr ppm 1 |
| GD1003 | | <10 | <1 | 0.11 | 20 | 0.04 | 225 | <1 | 0.03 | 3 | 150 | 6 | 0.01 | <2 | 1 | 4 |
| GD1004 | | <10 | <1 | 0.13 | 30 | 0.04 | 64 | 2 | 0.02 | 9 | 90 | 6 | <0.01 | <2 | <1 | 2 |
| GD1005 | | <10 | <1 | 0.18 | 40 | 0.03 | 210 | 1 | 0.01 | 5 | 190 | 10 | 0.01 | <2 | <1 | 7 |
| GD1006 | | <10 | <1 | 0.13 | 20 | 0.02 | 84 | <1 | 0.02 | 2 | 120 | 2 | <0.01 | <2 | <1 | 2 |
| GD1007 | | <10 | <1 | 0.08 | 10 | 1.12 | 309 | 2 | <0.01 | 14 | 180 | 101 | <0.01 | <2 | <1 | 2 |
| GD1008 | | <10 | <1 | 0.05 | 20 | 0.02 | 184 | 2 | 0.02 | 5 | 60 | <2 | <0.01 | <2 | 1 | 1 |
| GD1009 | | <10 | <1 | 0.12 | 20 | 0.11 | 326 | <1 | 0.02 | 8 | 100 | <2 | <0.01 | <2 | 1 | 2 |
| GD1010 | | <10 | <1 | 0.05 | 10 | 0.03 | 168 | 4 | 0.01 | 12 | 80 | 3 | <0.01 | <2 | <1 | 1 |
| GD1011 | | <10 | <1 | 0.10 | 20 | 0.02 | 203 | 3 | 0.01 | 9 | 310 | 3 | <0.01 | <2 | 1 | 3 |
| GD1012 | | <10 | <1 | 0.09 | 20 | 0.01 | 147 | <1 | 0.02 | 1 | 60 | <2 | <0.01 | <2 | <1 | 2 |
| GD1013 | | <10 | <1 | 0.10 | 20 | 0.01 | 116 | 1 | 0.02 | 4 | 160 | 8 | 0.01 | <2 | <1 | 3 |
| GD1014 | | <10 | <1 | 0.16 | 20 | 0.02 | 119 | 2 | 0.02 | 7 | 230 | 22 | 0.05 | <2 | 1 | 3 |
| GD1015 | | <10 | <1 | 0.15 | 20 | 0.01 | 45 | 2 | 0.01 | 4 | 180 | 8 | 0.01 | <2 | <1 | 3 |
| GD1016 | | <10 | <1 | 0.13 | 20 | 0.05 | 843 | 3 | 0.01 | 9 | 440 | 6 | 0.02 | <2 | 1 | 13 |
| GD1017 | | <10 | <1 | 0.15 | 30 | 0.02 | 275 | 2 | 0.01 | 13 | 90 | 5 | 0.01 | <2 | 1 | 2 |

Comments: ** CORRECTED COPY for sample description on samples GD1001 to GD1017 ** Sample OB1011 exhibits Au nugget effect, check values: 0.204, 0.094 ppm.



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CERTIFICATE OF ANALYSIS

VA03021218

| Sample Description | Method Analyte Units LOR | ME-ICP41 TI % 0.01 | ME-ICP41 TI ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 |
|--------------------|-----------------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|
| OB1280 | | <0.01 | <10 | 10 | 2 | <10 | 7 |
| OB1284 | | <0.01 | <10 | 10 | 2 | <10 | 14 |
| OB1285 | | <0.01 | <10 | <10 | 1 | <10 | 3 |
| OB1286 | | <0.01 | <10 | <10 | 2 | <10 | 19 |
| OB1287 | | <0.01 | <10 | <10 | 1 | <10 | 8 |
| OB1288 | | <0.01 | <10 | <10 | 1 | <10 | 7 |
| OB1289 | | <0.01 | <10 | <10 | 3 | <10 | 20 |
| OB1290 | | <0.01 | <10 | <10 | 2 | <10 | 6 |
| OB1291 | | <0.01 | <10 | <10 | 3 | <10 | <2 |
| OB1292 | | <0.01 | <10 | <10 | 2 | <10 | 2 |
| OB1293 | | <0.01 | <10 | <10 | 5 | <10 | 14 |
| OB1294 | | <0.01 | <10 | <10 | 4 | <10 | 25 |
| OB1295 | | <0.01 | <10 | <10 | 12 | <10 | 47 |
| OB1296 | | <0.01 | <10 | <10 | 6 | <10 | 22 |
| OB1297 | | <0.01 | <10 | <10 | 5 | <10 | 4 |
| OB1298 | | <0.01 | <10 | <10 | 4 | <10 | 14 |
| OB1299 | | <0.01 | <10 | <10 | 4 | 10 | 16 |
| OB1300 | | <0.01 | <10 | <10 | 3 | <10 | 8 |
| OB1301 | | <0.01 | <10 | <10 | 3 | <10 | 35 |
| OB1302 | | <0.01 | <10 | <10 | 2 | <10 | 42 |
| OB1303 | | <0.01 | <10 | <10 | 3 | <10 | 77 |
| OB1304 | | <0.01 | <10 | <10 | 2 | <10 | 38 |
| OB1305 | | <0.01 | <10 | <10 | 6 | <10 | 3 |
| OB1306 | | <0.01 | <10 | <10 | 9 | <10 | 11 |
| OB1307 | | <0.01 | <10 | <10 | 6 | <10 | 8 |
| OB1308 | | <0.01 | <10 | <10 | 3 | <10 | 4 |
| OB1309 | | <0.01 | <10 | <10 | 7 | <10 | 64 |
| OB1310 | | <0.01 | <10 | <10 | 6 | <10 | 34 |
| OB1311 | | <0.01 | <10 | <10 | 10 | <10 | 48 |
| OB1312 | | <0.01 | <10 | <10 | 3 | <10 | 10 |
| OB1313 | | <0.01 | <10 | <10 | 5 | <10 | 6 |
| OB1314 | | <0.01 | <10 | <10 | 4 | <10 | 5 |
| OB1315 | | <0.01 | <10 | <10 | 4 | <10 | 19 |
| OB1316 | | <0.01 | <10 | <10 | 2 | <10 | 4 |
| OB7001 | | <0.01 | <10 | <10 | 14 | <10 | 22 |
| OB7002 | | <0.01 | <10 | <10 | 3 | <10 | 8 |
| OB7003 | | <0.01 | <10 | <10 | 8 | <10 | 5 |
| OB7004 | | <0.01 | <10 | <10 | 3 | <10 | 12 |
| GD1001 | | 0.01 | <10 | <10 | 4 | <10 | 7 |
| GD1002 | | <0.01 | <10 | <10 | 2 | <10 | 12 |

Comments: ** CORRECTED COPY for sample description on samples GD1001 to GD1017 ** Sample OB1011 exhibits Au nugget effect, check values: 0.204, 0.094 ppm.



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Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03021218

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ti | Ti | U | V | W | Zn |
| | | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| GD1003 | | 0.01 | <10 | <10 | 4 | <10 | 5 |
| GD1004 | | 0.01 | <10 | <10 | 3 | <10 | 7 |
| GD1005 | | 0.01 | <10 | <10 | 3 | <10 | 7 |
| GD1008 | | <0.01 | <10 | <10 | 2 | <10 | 5 |
| GD1007 | | <0.01 | <10 | <10 | 7 | <10 | 81 |
| GD1008 | | 0.01 | <10 | <10 | 2 | <10 | 4 |
| GD1009 | | 0.01 | <10 | <10 | 4 | <10 | 15 |
| GD1010 | | <0.01 | <10 | <10 | 2 | <10 | 7 |
| GD1011 | | 0.01 | <10 | <10 | 4 | <10 | 21 |
| GD1012 | | 0.01 | <10 | <10 | 3 | <10 | 8 |
| GD1013 | | <0.01 | <10 | <10 | 2 | <10 | 12 |
| GD1014 | | <0.01 | <10 | <10 | 2 | <10 | 18 |
| GD1015 | | <0.01 | <10 | <10 | 2 | <10 | 6 |
| GD1016 | | <0.01 | <10 | <10 | 2 | <10 | 23 |
| GD1017 | | 0.01 | <10 | <10 | 4 | <10 | 17 |

Comments: ** CORRECTED COPY for sample description on samples GD1001 to GD1017 ** Sample OB1011 exhibits Au nugget effect, check values: 0.204, 0.094 ppm.

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CERTIFICATE VA03021412**SAMPLE PREPARATION**

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rod w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

Project : Cranbrook Gold

P.O. No:

This report is for 51 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 19-Jun-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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CERTIFICATE OF ANALYSIS VA03021412

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 |
|--------------------|-----------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| GD1018 | | <10 | <1 | 0.04 | 10 | 0.02 | 753 | <1 | 0.01 | 4 | 640 | 10 | 0.01 | <2 | 1 | 6 |
| GD1019 | | <10 | <1 | 0.09 | 30 | 0.06 | 767 | 1 | 0.01 | 2 | 150 | 10 | <0.01 | <2 | 1 | 6 |
| GD1020 | | <10 | <1 | 0.09 | 20 | 0.01 | 100 | 2 | 0.01 | 2 | 150 | 14 | <0.01 | <2 | <1 | 2 |
| GD1021 | | <10 | <1 | 0.10 | 30 | 0.01 | 179 | 1 | 0.01 | 1 | 140 | 8 | 0.01 | <2 | <1 | 3 |
| GD1022 | | <10 | <1 | 0.07 | 20 | 0.01 | 718 | 1 | 0.01 | 3 | 310 | 48 | <0.01 | <2 | 1 | 4 |
| GD1023 | | <10 | <1 | 0.07 | 10 | 0.02 | 492 | 3 | 0.01 | 7 | 130 | 31 | <0.01 | <2 | 1 | 1 |
| GD1024 | | <10 | 1 | 0.03 | 10 | 0.01 | 396 | 1 | <0.01 | 2 | 140 | 18 | <0.01 | <2 | 1 | 2 |
| GD1025 | | <10 | <1 | 0.09 | 20 | 0.05 | 179 | <1 | <0.01 | 2 | 110 | 2 | <0.01 | <2 | <1 | 2 |
| GD1026 | | <10 | <1 | 0.06 | 20 | 0.01 | 88 | 1 | <0.01 | 1 | 70 | 7 | 0.01 | <2 | <1 | 2 |
| GD1027 | | <10 | <1 | 0.08 | 20 | 0.01 | 278 | 1 | <0.01 | 1 | 440 | 12 | 0.02 | <2 | <1 | 4 |
| OB1317 | | <10 | <1 | 0.02 | <10 | <0.01 | 7 | 1 | <0.01 | 5 | 20 | 2 | <0.01 | <2 | <1 | 1 |
| OB1318 | | <10 | <1 | 0.08 | 10 | 0.31 | 23 | 1 | <0.01 | 6 | 50 | <2 | <0.01 | <2 | <1 | 1 |
| OB1319 | | <10 | <1 | 0.01 | <10 | <0.01 | <5 | 1 | <0.01 | 1 | 20 | 32 | <0.01 | <2 | <1 | <1 |
| OB1320 | | <10 | <1 | 0.03 | <10 | <0.01 | 7 | 2 | <0.01 | <1 | 250 | 672 | 0.02 | 8 | <1 | 2 |
| OB1321 | | <10 | <1 | <0.01 | <10 | <0.01 | 18 | 1 | <0.01 | 5 | 10 | 16 | <0.01 | <2 | <1 | <1 |
| OB1322 | | <10 | 1 | 0.14 | 10 | 0.01 | 16 | <1 | <0.01 | <1 | 100 | 281 | <0.01 | <2 | 1 | 2 |
| OB1323 | | <10 | <1 | 0.16 | <10 | 0.01 | 24 | <1 | 0.01 | 1 | 60 | 91 | <0.01 | <2 | 1 | 1 |
| OB1324 | | <10 | <1 | 0.03 | <10 | <0.01 | 15 | 4 | <0.01 | 9 | 170 | 182 | 0.03 | <2 | <1 | 1 |
| OB1325 | | <10 | <1 | 0.15 | <10 | 0.01 | 17 | 3 | 0.01 | 18 | 200 | 61 | 0.02 | <2 | 1 | 1 |
| OB1326 | | <10 | <1 | 0.04 | <10 | <0.01 | 49 | <1 | <0.01 | 3 | 90 | 28 | 0.01 | <2 | <1 | <1 |
| OB1327 | | <10 | <1 | 0.02 | <10 | <0.01 | 22 | 3 | <0.01 | 13 | 80 | 2 | 0.03 | <2 | <1 | 1 |
| OB1328 | | <10 | <1 | 0.09 | <10 | 0.01 | 15 | 2 | <0.01 | 23 | 580 | 178 | 0.08 | <2 | 1 | 1 |
| OB1329 | | <10 | <1 | 0.02 | <10 | <0.01 | 81 | <1 | <0.01 | 5 | 90 | 5 | <0.01 | <2 | 1 | <1 |
| OB1330 | | <10 | <1 | 0.13 | 20 | 0.01 | 606 | 3 | <0.01 | 10 | 110 | 27 | <0.01 | <2 | 1 | 2 |
| OB1331 | | <10 | <1 | 0.09 | 30 | 0.01 | 21 | <1 | 0.03 | 1 | 70 | <2 | <0.01 | <2 | <1 | 2 |
| OB1332 | | <10 | <1 | 0.04 | <10 | 0.30 | 684 | 5 | 0.01 | 36 | 300 | <2 | <0.01 | <2 | 1 | 1 |
| OB1333 | | <10 | <1 | 0.04 | <10 | 0.36 | 298 | 3 | 0.01 | 28 | 140 | 3 | <0.01 | <2 | 2 | 1 |
| OB1334 | | <10 | <1 | 0.03 | <10 | 0.34 | 511 | 1 | <0.01 | 4 | 620 | 4 | <0.01 | <2 | <1 | 3 |
| OB1335 | | <10 | <1 | 0.01 | <10 | 0.02 | 69 | 3 | <0.01 | 16 | 50 | 2 | <0.01 | <2 | <1 | <1 |
| OB1336 | | <10 | <1 | <0.01 | <10 | <0.01 | 184 | 4 | 0.01 | 12 | 30 | 2 | <0.01 | <2 | <1 | <1 |
| OB1337 | | <10 | <1 | 0.02 | 10 | 0.18 | 144 | <1 | 0.01 | 6 | 60 | 37 | <0.01 | <2 | <1 | 2 |
| OB1338 | | <10 | <1 | 0.02 | 10 | 0.03 | 153 | 3 | 0.02 | 12 | 320 | 2 | <0.01 | <2 | 1 | 2 |
| OB7005 | | <10 | <1 | 0.16 | 20 | 0.03 | 46 | <1 | <0.01 | 1 | 80 | 12 | 0.01 | <2 | <1 | 2 |
| OB7006 | | <10 | <1 | 0.07 | <10 | 0.01 | 64 | <1 | <0.01 | 4 | 80 | 3 | <0.01 | <2 | <1 | 1 |
| OB7007 | | <10 | <1 | 0.09 | 10 | 0.01 | 19 | 4 | <0.01 | 13 | 150 | 3 | <0.01 | <2 | <1 | 1 |
| OB7008 | | <10 | <1 | 0.04 | 10 | 0.01 | 61 | <1 | <0.01 | 3 | 60 | 3 | <0.01 | <2 | <1 | 1 |
| OB7009 | | <10 | <1 | 0.06 | 10 | 0.05 | 24 | 4 | 0.01 | 14 | 180 | 4 | <0.01 | <2 | <1 | 1 |
| OB7010 | | <10 | <1 | 0.04 | 10 | 0.05 | 63 | 3 | <0.01 | 11 | 50 | 3 | <0.01 | <2 | <1 | 1 |
| OB7011 | | <10 | <1 | 0.09 | 10 | 0.01 | 37 | 5 | <0.01 | 12 | 240 | 5 | <0.01 | <2 | <1 | 1 |
| OB7012 | | <10 | <1 | 0.11 | 10 | 0.01 | 160 | <1 | <0.01 | 4 | 80 | 9 | <0.01 | <2 | <1 | 1 |

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CERTIFICATE OF ANALYSIS VA03021412

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|----------|-----------|-----------|-----------|----------|----------|-----------|----------|-----------|----------|-----------|----------|----------|----------|
| | | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc | Sr |
| | | ppm 10 | ppm 1 | % 0.01 | ppm 10 | % 0.01 | ppm 5 | ppm 1 | % 0.01 | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 | ppm 1 | ppm 1 |
| OB7013 | | <10 | <1 | 0.04 | 10 | 0.01 | 119 | 5 | <0.01 | 14 | 80 | 24 | <0.01 | <2 | <1 | 1 |
| OB7014 | | <10 | <1 | 0.06 | 10 | 0.01 | 76 | 4 | <0.01 | 16 | 40 | 9 | <0.01 | <2 | <1 | 1 |
| OB7015 | | <10 | <1 | 0.11 | 20 | 0.01 | 79 | 2 | <0.01 | 7 | 80 | 47 | <0.01 | <2 | <1 | 1 |
| OB7016 | | <10 | <1 | 0.12 | 10 | 0.02 | 55 | <1 | <0.01 | 2 | 80 | 23 | <0.01 | <2 | <1 | 1 |
| OB7017 | | <10 | <1 | 0.18 | 30 | 0.02 | 8 | 1 | <0.01 | 4 | 80 | 13 | <0.01 | <2 | <1 | 1 |
| OB7018 | | <10 | <1 | 0.15 | 20 | 0.02 | 1025 | 2 | 0.01 | 11 | 210 | 30 | <0.01 | <2 | 1 | 2 |
| OB7019 | | <10 | <1 | 0.25 | 10 | 0.02 | 198 | <1 | 0.01 | 3 | 1590 | 10 | <0.01 | <2 | <1 | 10 |
| OB7020 | | <10 | <1 | 0.12 | 10 | 0.02 | 309 | 3 | 0.01 | 12 | 330 | 3 | 0.01 | <2 | 1 | 7 |
| OB7021 | | <10 | <1 | 0.03 | 20 | 0.01 | 24 | 2 | 0.04 | 6 | 40 | 2 | <0.01 | <2 | <1 | 1 |
| OB7022 | | <10 | <1 | 0.12 | 20 | 0.01 | 80 | 2 | 0.02 | 7 | 280 | 3 | <0.01 | <2 | <1 | 2 |
| OB7023 | | <10 | <1 | 0.17 | 30 | 0.02 | 162 | 3 | 0.01 | 15 | 380 | 2 | <0.01 | <2 | 1 | 3 |

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Date : 25-Jun-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS**VA03021412**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------------|-----------------|----------------|---------------|----------------|----------------|
| | | Ti % 0.01 | Ti ppm 10 | U ppm 10 | V ppm 1 | W ppm 10 | Zn ppm 2 |
| GD1018 | | <0.01 | <10 | <10 | 1 | <10 | 25 |
| GD1019 | | <0.01 | <10 | <10 | 1 | <10 | 15 |
| GD1020 | | <0.01 | <10 | <10 | 1 | <10 | 10 |
| GD1021 | | <0.01 | <10 | <10 | 1 | <10 | 12 |
| GD1022 | | <0.01 | <10 | <10 | 1 | <10 | 22 |
| GD1023 | | <0.01 | <10 | <10 | 1 | <10 | 36 |
| GD1024 | | <0.01 | <10 | <10 | <1 | <10 | 13 |
| GD1025 | | <0.01 | <10 | <10 | 1 | <10 | 7 |
| GD1026 | | <0.01 | <10 | <10 | 1 | <10 | 4 |
| GD1027 | | <0.01 | <10 | <10 | 1 | <10 | 5 |
| OB1317 | | <0.01 | <10 | <10 | 1 | <10 | <2 |
| OB1318 | | <0.01 | <10 | <10 | 2 | <10 | 11 |
| OB1319 | | <0.01 | <10 | <10 | 1 | <10 | <2 |
| OB1320 | | <0.01 | <10 | <10 | 4 | <10 | 5 |
| OB1321 | | <0.01 | <10 | <10 | 1 | <10 | <2 |
| OB1322 | | <0.01 | <10 | <10 | 2 | <10 | 2 |
| OB1323 | | <0.01 | <10 | <10 | 2 | <10 | 18 |
| OB1324 | | <0.01 | <10 | <10 | 7 | <10 | 8 |
| OB1325 | | <0.01 | <10 | <10 | 3 | <10 | 10 |
| OB1326 | | <0.01 | <10 | <10 | 3 | <10 | 6 |
| OB1327 | | <0.01 | <10 | <10 | 2 | <10 | 5 |
| OB1328 | | <0.01 | <10 | 10 | 6 | 10 | 19 |
| OB1329 | | <0.01 | <10 | <10 | 2 | <10 | 5 |
| OB1330 | | <0.01 | <10 | 10 | 1 | <10 | 9 |
| OB1331 | | <0.01 | <10 | <10 | 1 | <10 | 2 |
| OB1332 | | <0.01 | <10 | <10 | 5 | 10 | 170 |
| OB1333 | | <0.01 | <10 | <10 | 4 | <10 | 168 |
| OB1334 | | <0.01 | <10 | <10 | 1 | <10 | 25 |
| OB1335 | | 0.04 | <10 | 10 | 65 | 20 | 20 |
| OB1336 | | <0.01 | <10 | <10 | 1 | <10 | 5 |
| OB1337 | | <0.01 | <10 | <10 | 2 | <10 | 7 |
| OB1338 | | <0.01 | <10 | <10 | 2 | <10 | 12 |
| OB7005 | | <0.01 | <10 | 10 | 1 | <10 | 19 |
| OB7006 | | <0.01 | <10 | <10 | 1 | <10 | 14 |
| OB7007 | | <0.01 | <10 | <10 | 2 | <10 | 7 |
| OB7008 | | <0.01 | <10 | <10 | <1 | <10 | 4 |
| OB7009 | | <0.01 | <10 | <10 | 2 | <10 | 10 |
| OB7010 | | <0.01 | <10 | <10 | 2 | <10 | 6 |
| OB7011 | | <0.01 | <10 | <10 | 2 | <10 | 10 |
| OB7012 | | <0.01 | <10 | <10 | 1 | <10 | 6 |

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Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03021412

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ti | Ti | U | V | W | Zn |
| | | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| OB7013 | | <0.01 | <10 | <10 | 2 | <10 | 5 |
| OB7014 | | <0.01 | <10 | <10 | 2 | <10 | 4 |
| OB7015 | | <0.01 | <10 | 10 | 1 | <10 | 5 |
| OB7016 | | <0.01 | <10 | <10 | 1 | <10 | 3 |
| OB7017 | | <0.01 | <10 | 10 | 1 | <10 | 4 |
| OB7018 | | <0.01 | <10 | 10 | 1 | <10 | 27 |
| OB7019 | | <0.01 | <10 | <10 | 2 | <10 | 7 |
| OB7020 | | <0.01 | <10 | <10 | 2 | <10 | 26 |
| OB7021 | | <0.01 | <10 | <10 | 1 | <10 | 3 |
| OB7022 | | <0.01 | <10 | <10 | 2 | <10 | 18 |
| OB7023 | | <0.01 | <10 | 10 | 3 | <10 | 31 |

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Account: NJY

*Zinger***CERTIFICATE VA03021760**

Project : Cranbrook Gold

P.O. No:

This report is for 46 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 21-Jun-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
104-135 10TH AVE S
CRANBROOK BC V1C 2N1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Total # of pages : 3 (A - C)

Date : 2-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03021760

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| OB1339 | | 1.34 | 0.006 | <0.2 | 0.09 | 2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 2 | 9 | 8 | 1.32 |
| OB1340 | | 1.20 | 0.891 | <0.2 | 0.15 | 9 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 3 | 7 | 13 | 1.68 |
| OB1341 | | 1.04 | 0.020 | <0.2 | 0.17 | <2 | <10 | 220 | <0.5 | <2 | 0.01 | <0.5 | 2 | 8 | 8 | 1.02 |
| OB1342 | | 1.62 | 0.046 | <0.2 | 0.12 | 4 | <10 | 70 | <0.5 | <2 | <0.01 | <0.5 | 2 | 7 | 12 | 1.25 |
| OB1343 | | 1.60 | 0.031 | <0.2 | 0.14 | <2 | <10 | 220 | <0.5 | <2 | 0.01 | <0.5 | 3 | 8 | 2 | 0.88 |
| OB1344 | | 1.50 | 0.060 | <0.2 | 0.10 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 8 | 2 | 0.73 |
| OB1345 | | 0.56 | 0.093 | <0.2 | 0.27 | <2 | <10 | 120 | <0.5 | <2 | 0.01 | <0.5 | 4 | 8 | 6 | 1.46 |
| OB1346 | | 0.96 | 4.69 | 0.4 | 0.17 | <2 | <10 | 400 | <0.5 | 2 | <0.01 | <0.5 | 1 | 4 | 2 | 1.29 |
| OB1347 | | 2.02 | 0.323 | 0.8 | 0.16 | <2 | <10 | 110 | <0.5 | <2 | <0.01 | <0.5 | 3 | 9 | 3 | 0.91 |
| OB1348 | | 1.12 | 0.085 | <0.2 | 0.15 | <2 | <10 | 60 | <0.5 | <2 | <0.01 | <0.5 | 3 | 7 | 3 | 0.88 |
| OB1349 | | 1.16 | 0.115 | <0.2 | 0.09 | <2 | <10 | 360 | <0.5 | <2 | 0.34 | <0.5 | 3 | 9 | 2 | 0.95 |
| OB1350 | | 0.60 | 0.091 | <0.2 | 0.18 | <2 | <10 | 120 | <0.5 | <2 | 0.06 | <0.5 | 4 | 5 | 2 | 1.28 |
| OB1351 | | 1.06 | 0.074 | <0.2 | 0.09 | <2 | <10 | 50 | <0.5 | <2 | <0.01 | <0.5 | 4 | 9 | 2 | 1.65 |
| OB1352 | | 1.30 | 0.024 | 9.2 | 0.01 | 15 | <10 | 340 | <0.5 | 17 | <0.01 | <0.5 | 18 | 9 | 206 | 5.88 |
| OB1353 | | 1.38 | 0.064 | 0.6 | 0.18 | <2 | <10 | 170 | <0.5 | 3 | <0.01 | <0.5 | 2 | 7 | 20 | 1.06 |
| OB7024 | | 0.58 | 0.285 | 0.6 | 0.21 | <2 | <10 | 200 | <0.5 | <2 | <0.01 | <0.5 | 4 | 4 | 4 | 1.03 |
| OB7025 | | 0.84 | <0.005 | <0.2 | 0.28 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 2 | 3 | 2 | 0.60 |
| OB7026 | | 1.32 | <0.005 | <0.2 | 0.11 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | <1 | 7 | 2 | 0.46 |
| OB7027 | | 1.34 | <0.005 | <0.2 | 0.16 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 1 | 7 | 1 | 0.49 |
| OB7028 | | 1.12 | 0.399 | <0.2 | 0.18 | <2 | <10 | 20 | <0.5 | <2 | 0.06 | <0.5 | 1 | 5 | 2 | 0.93 |
| OB7029 | | 1.20 | 0.011 | <0.2 | 0.13 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 2 | 7 | 6 | 0.75 |
| OB7030 | | 1.06 | 4.33 | <0.2 | 0.23 | <2 | <10 | 650 | <0.5 | <2 | <0.01 | <0.5 | 5 | 4 | 3 | 1.74 |
| OB7031 | | 1.08 | 0.013 | <0.2 | 0.18 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 2 | 4 | 1 | 0.89 |
| OB7032 | | 1.34 | <0.005 | <0.2 | 0.09 | <2 | <10 | 10 | <0.5 | <2 | 0.01 | <0.5 | 1 | 9 | 4 | 0.93 |
| OB7033 | | 0.80 | 0.087 | 0.2 | 0.04 | <2 | <10 | 140 | <0.5 | 2 | <0.01 | <0.5 | 1 | 11 | 3 | 0.85 |
| OB7034 | | 1.04 | 0.242 | <0.2 | 0.14 | <2 | <10 | 20 | <0.5 | <2 | 0.02 | <0.5 | 2 | 8 | 11 | 1.50 |
| OB7035 | | 1.22 | 2.08 | 0.2 | 0.14 | <2 | <10 | 50 | <0.5 | <2 | <0.01 | <0.5 | 2 | 6 | 5 | 0.87 |
| OB7036 | | 1.48 | 8.32 | 7.3 | 0.12 | <2 | <10 | 10 | <0.5 | 4 | <0.01 | <0.5 | 1 | 9 | 201 | 0.92 |
| OB7037 | | 1.08 | 0.734 | <0.2 | 0.08 | <2 | <10 | 30 | <0.5 | <2 | <0.01 | <0.5 | 1 | 8 | 3 | 0.83 |
| OB7038 | | 0.98 | 0.821 | 0.2 | 0.19 | <2 | <10 | 320 | <0.5 | <2 | <0.01 | <0.5 | 2 | 6 | 5 | 1.33 |
| OB7039 | | 1.70 | 0.822 | <0.2 | 0.19 | <2 | <10 | 40 | <0.5 | <2 | <0.01 | <0.5 | 4 | 104 | 11 | 1.44 |
| OB7040 | | 0.72 | 0.738 | <0.2 | 0.16 | <2 | <10 | 110 | <0.5 | <2 | <0.01 | <0.5 | 2 | 216 | 11 | 1.06 |
| OB7041 | | 1.08 | 1.805 | 0.4 | 0.23 | <2 | <10 | 100 | <0.5 | 2 | <0.01 | <0.5 | 1 | 92 | 4 | 0.95 |
| OB7042 | | 1.06 | 0.379 | <0.2 | 0.18 | 2 | <10 | 40 | <0.5 | <2 | <0.01 | <0.5 | 2 | 155 | 6 | 0.79 |
| OB7043 | | 1.02 | 0.164 | <0.2 | 0.28 | 2 | <10 | 60 | <0.5 | <2 | 0.01 | <0.5 | 4 | 111 | 4 | 0.97 |
| OB7044 | | 1.08 | 0.733 | <0.2 | 0.24 | 4 | <10 | 50 | <0.5 | <2 | 0.01 | <0.5 | 4 | 117 | 6 | 1.21 |
| OB7045 | | 0.94 | 0.180 | <0.2 | 0.23 | <2 | <10 | 560 | <0.5 | <2 | 0.01 | <0.5 | 2 | 151 | 6 | 0.88 |
| GD1028 | | 1.14 | 0.006 | <0.2 | 0.14 | 2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 8 | 177 | 9 | 2.12 |
| GD1029 | | 0.84 | 0.005 | <0.2 | 0.03 | 2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 2 | 416 | 18 | 0.77 |
| GD1030 | | 0.88 | 0.051 | <0.2 | 0.46 | <2 | <10 | 790 | <0.5 | 2 | 0.01 | <0.5 | 13 | 178 | 8 | 1.34 |

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Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03021760

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| GD1031 | | 1.28 | 0.311 | 1.3 | 0.26 | <2 | <10 | 590 | <0.5 | 2 | <0.01 | <0.5 | 2 | 87 | 7 | 0.57 |
| GD1032 | | 1.14 | 0.481 | <0.2 | 0.15 | <2 | <10 | 30 | <0.5 | <2 | <0.01 | <0.5 | 2 | 218 | 9 | 0.71 |
| GD1033 | | 1.00 | 0.097 | <0.2 | 0.30 | <2 | <10 | 70 | <0.5 | <2 | <0.01 | <0.5 | 6 | 94 | 11 | 1.16 |
| GD1034 | | 0.84 | <0.005 | <0.2 | 0.20 | <2 | <10 | 70 | <0.5 | <2 | <0.01 | <0.5 | 6 | 210 | 7 | 1.10 |
| GD1035 | | 1.34 | 0.094 | <0.2 | 0.15 | <2 | <10 | 80 | <0.5 | <2 | 0.10 | <0.5 | 4 | 199 | 8 | 1.05 |
| GD1038 | | 0.92 | 0.358 | <0.2 | 0.25 | 2 | <10 | 70 | <0.5 | 6 | 0.01 | <0.5 | 3 | 136 | 6 | 1.20 |



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Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS

VA03021760

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 |
|--------------------|-----------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| OB1339 | | <10 | <1 | 0.06 | 10 | 0.01 | 32 | 1 | <0.01 | 2 | 40 | 11 | <0.01 | <2 | <1 | 1 |
| OB1340 | | <10 | <1 | 0.12 | 10 | 0.01 | 42 | 3 | <0.01 | 2 | 80 | 38 | <0.01 | <2 | <1 | 1 |
| OB1341 | | <10 | <1 | 0.10 | 10 | 0.02 | 148 | <1 | 0.02 | 2 | 80 | 25 | 0.02 | <2 | <1 | 2 |
| OB1342 | | <10 | <1 | 0.10 | 10 | 0.01 | 84 | 3 | <0.01 | 2 | 50 | 108 | 0.01 | <2 | <1 | 1 |
| OB1343 | | <10 | <1 | 0.07 | 10 | 0.02 | 347 | <1 | 0.03 | 2 | 100 | 8 | 0.08 | <2 | 1 | 2 |
| OB1344 | | <10 | <1 | 0.06 | 10 | 0.01 | 108 | <1 | 0.01 | 1 | 70 | 78 | <0.01 | <2 | <1 | 1 |
| OB1345 | | <10 | <1 | 0.21 | 10 | 0.03 | 558 | <1 | 0.01 | 5 | 90 | 21 | 0.01 | <2 | 1 | 2 |
| OB1346 | | <10 | 1 | 0.13 | 20 | 0.01 | 38 | 1 | 0.01 | 2 | 90 | 49 | 0.03 | <2 | <1 | 5 |
| OB1347 | | <10 | <1 | 0.14 | 10 | 0.02 | 315 | <1 | <0.01 | 3 | 70 | 134 | 0.02 | <2 | <1 | 2 |
| OB1348 | | <10 | <1 | 0.10 | 10 | 0.02 | 112 | <1 | 0.02 | 2 | 80 | 8 | 0.01 | <2 | <1 | 2 |
| OB1349 | | <10 | <1 | 0.05 | 10 | 0.09 | 382 | <1 | 0.02 | 2 | 110 | 7 | 0.01 | <2 | 1 | 10 |
| OB1350 | | <10 | <1 | 0.13 | 20 | 0.05 | 550 | <1 | 0.01 | 4 | 180 | 9 | <0.01 | <2 | 1 | 4 |
| OB1351 | | <10 | <1 | 0.06 | 10 | 0.01 | 184 | 4 | 0.02 | 3 | 90 | 8 | 0.02 | <2 | 1 | 1 |
| OB1352 | | <10 | <1 | <0.01 | <10 | 0.02 | 69 | 1 | 0.01 | 9 | 110 | 919 | 0.07 | 19 | <1 | 3 |
| OB1353 | | <10 | <1 | 0.17 | 20 | 0.01 | 377 | <1 | <0.01 | 3 | 100 | 102 | <0.01 | <2 | <1 | 2 |
| OB7024 | | <10 | <1 | 0.19 | 10 | 0.02 | 180 | <1 | 0.01 | 4 | 130 | 29 | 0.03 | <2 | <1 | 3 |
| OB7025 | | <10 | <1 | 0.21 | 10 | 0.02 | 12 | 1 | <0.01 | 2 | 40 | 4 | <0.01 | <2 | <1 | 1 |
| OB7026 | | <10 | <1 | 0.03 | 10 | 0.01 | 31 | <1 | 0.02 | 1 | 80 | 7 | <0.01 | <2 | <1 | 1 |
| OB7027 | | <10 | <1 | 0.04 | 10 | 0.01 | 38 | <1 | 0.03 | 1 | 50 | 6 | <0.01 | <2 | <1 | 1 |
| OB7028 | | <10 | <1 | 0.14 | 10 | 0.01 | 25 | 1 | <0.01 | 2 | 410 | 10 | <0.01 | <2 | <1 | 4 |
| OB7029 | | <10 | <1 | 0.04 | 10 | 0.01 | 92 | <1 | 0.01 | 2 | 60 | 13 | <0.01 | <2 | <1 | 1 |
| OB7030 | | <10 | <1 | 0.18 | 10 | 0.02 | 56 | 1 | 0.01 | 8 | 130 | 80 | 0.02 | <2 | <1 | 4 |
| OB7031 | | <10 | <1 | 0.10 | 20 | 0.02 | 68 | <1 | 0.02 | 3 | 80 | 4 | <0.01 | <2 | <1 | 2 |
| OB7032 | | <10 | 1 | 0.07 | <10 | 0.01 | 48 | <1 | <0.01 | 3 | 140 | 4 | <0.01 | <2 | <1 | 1 |
| OB7033 | | <10 | <1 | 0.03 | <10 | <0.01 | 44 | <1 | 0.01 | 2 | 90 | 24 | 0.01 | <2 | <1 | 3 |
| OB7034 | | <10 | <1 | 0.12 | 10 | 0.01 | 37 | 1 | <0.01 | 3 | 250 | 4 | <0.01 | <2 | <1 | 2 |
| OB7035 | | <10 | <1 | 0.11 | 10 | 0.01 | 80 | <1 | 0.01 | 2 | 80 | 17 | 0.03 | <2 | <1 | 2 |
| OB7036 | | <10 | <1 | 0.09 | 10 | 0.01 | 28 | <1 | <0.01 | 2 | 40 | 1195 | 0.05 | 8 | <1 | 1 |
| OB7037 | | <10 | <1 | 0.07 | 10 | 0.01 | 33 | <1 | <0.01 | 1 | 60 | 5 | 0.01 | <2 | <1 | 1 |
| OB7038 | | <10 | <1 | 0.16 | 10 | 0.02 | 55 | <1 | 0.01 | 2 | 80 | 28 | 0.02 | <2 | <1 | 4 |
| OB7039 | | <10 | 1 | 0.15 | 10 | 0.01 | 51 | 3 | <0.01 | 8 | 120 | 15 | 0.02 | <2 | <1 | 2 |
| OB7040 | | <10 | <1 | 0.13 | 10 | 0.01 | 12 | 5 | <0.01 | 11 | 60 | 20 | 0.02 | <2 | <1 | 2 |
| OB7041 | | <10 | <1 | 0.21 | 10 | 0.02 | 7 | 2 | <0.01 | 4 | 50 | 80 | 0.04 | <2 | <1 | 3 |
| OB7042 | | <10 | <1 | 0.14 | 10 | 0.01 | 24 | 4 | 0.01 | 8 | 40 | 33 | 0.01 | <2 | <1 | 2 |
| OB7043 | | <10 | <1 | 0.21 | 20 | 0.04 | 89 | 2 | 0.01 | 9 | 150 | 11 | 0.01 | <2 | <1 | 2 |
| OB7044 | | <10 | <1 | 0.18 | 20 | 0.02 | 150 | 2 | 0.01 | 10 | 130 | 29 | 0.02 | <2 | <1 | 2 |
| OB7045 | | <10 | <1 | 0.19 | <10 | 0.02 | 14 | 4 | 0.01 | 8 | 120 | 30 | 0.02 | <2 | <1 | 5 |
| GD1028 | | <10 | <1 | 0.11 | 20 | 0.01 | 12 | 4 | <0.01 | 11 | 190 | 7 | <0.01 | <2 | <1 | 2 |
| GD1029 | | <10 | <1 | 0.02 | <10 | <0.01 | 27 | 8 | 0.01 | 23 | 20 | 12 | <0.01 | <2 | <1 | 1 |
| GD1030 | | <10 | <1 | 0.12 | 10 | 0.33 | 599 | 4 | 0.02 | 29 | 180 | 11 | 0.02 | <2 | 1 | 13 |

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Date : 2-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03021760

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|----------|-----------|-----------|-----------|----------|----------|-----------|----------|-----------|----------|-----------|----------|----------|
| | | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc |
| | | ppm 10 | ppm 1 | % 0.01 | ppm 10 | % 0.01 | ppm 5 | ppm 1 | % 0.01 | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 | ppm 1 |
| GD1031 | | <10 | <1 | 0.22 | 30 | 0.02 | 104 | 2 | 0.02 | 7 | 80 | 39 | 0.02 | <2 | <1 |
| GD1032 | | <10 | 1 | 0.15 | 10 | 0.01 | 26 | 4 | 0.01 | 13 | 50 | 28 | 0.01 | <2 | <1 |
| GD1033 | | <10 | <1 | 0.26 | 40 | 0.02 | 514 | 2 | <0.01 | 9 | 160 | 12 | <0.01 | <2 | 1 |
| GD1034 | | <10 | <1 | 0.10 | 10 | 0.02 | 323 | 4 | 0.03 | 14 | 90 | 3 | <0.01 | <2 | 1 |
| GD1035 | | <10 | <1 | 0.07 | 10 | 0.01 | 473 | 4 | 0.01 | 13 | 560 | 5 | <0.01 | <2 | <1 |
| GD1038 | | <10 | <1 | 0.17 | 30 | 0.03 | 116 | 2 | 0.02 | 9 | 120 | 26 | <0.01 | <2 | <1 |

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Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03021760

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|-----------|-----------|----------|-----------|----------|
| | | TI | TI | U | V | W | Zn |
| | | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| OB1339 | | <0.01 | <10 | <10 | 1 | <10 | 11 |
| OB1340 | | <0.01 | <10 | <10 | 2 | <10 | 9 |
| OB1341 | | <0.01 | <10 | <10 | 1 | <10 | 6 |
| OB1342 | | <0.01 | <10 | <10 | 2 | <10 | 9 |
| OB1343 | | <0.01 | <10 | <10 | 1 | <10 | 9 |
| OB1344 | | <0.01 | <10 | <10 | <1 | <10 | 9 |
| OB1345 | | <0.01 | <10 | <10 | 2 | <10 | 13 |
| OB1346 | | <0.01 | <10 | <10 | 1 | <10 | 4 |
| OB1347 | | <0.01 | <10 | <10 | 1 | <10 | 7 |
| OB1348 | | <0.01 | <10 | <10 | 1 | <10 | 9 |
| OB1349 | | <0.01 | <10 | <10 | 1 | <10 | 17 |
| OB1350 | | <0.01 | <10 | <10 | 2 | <10 | 20 |
| OB1351 | | <0.01 | <10 | <10 | 1 | <10 | 16 |
| OB1352 | | <0.01 | <10 | 10 | 1 | <10 | 30 |
| OB1353 | | <0.01 | <10 | <10 | 1 | <10 | 5 |
| OB7024 | | <0.01 | <10 | <10 | 1 | <10 | 11 |
| OB7025 | | <0.01 | <10 | <10 | 2 | <10 | 7 |
| OB7026 | | <0.01 | <10 | <10 | 1 | <10 | 3 |
| OB7027 | | <0.01 | <10 | <10 | 1 | <10 | 3 |
| OB7028 | | <0.01 | <10 | <10 | 1 | <10 | 8 |
| OB7029 | | <0.01 | <10 | <10 | 1 | <10 | 10 |
| OB7030 | | <0.01 | <10 | <10 | 2 | <10 | 11 |
| OB7031 | | <0.01 | <10 | <10 | 1 | <10 | 27 |
| OB7032 | | <0.01 | <10 | <10 | 1 | <10 | 13 |
| OB7033 | | <0.01 | <10 | <10 | <1 | <10 | 4 |
| OB7034 | | <0.01 | <10 | <10 | 1 | <10 | 12 |
| OB7035 | | <0.01 | <10 | <10 | 1 | <10 | 4 |
| OB7036 | | <0.01 | <10 | <10 | 1 | <10 | <2 |
| OB7037 | | <0.01 | <10 | <10 | 1 | <10 | 3 |
| OB7038 | | <0.01 | <10 | <10 | 1 | <10 | 3 |
| OB7039 | | <0.01 | <10 | <10 | 2 | <10 | 10 |
| OB7040 | | <0.01 | <10 | <10 | 2 | <10 | 4 |
| OB7041 | | <0.01 | <10 | <10 | 2 | <10 | 2 |
| OB7042 | | <0.01 | <10 | <10 | 2 | <10 | 4 |
| OB7043 | | <0.01 | <10 | <10 | 2 | <10 | 12 |
| OB7044 | | <0.01 | <10 | <10 | 2 | <10 | 10 |
| OB7045 | | <0.01 | <10 | <10 | 2 | <10 | 4 |
| GD1028 | | <0.01 | <10 | <10 | 3 | <10 | 13 |
| GD1029 | | <0.01 | <10 | <10 | 3 | <10 | 6 |
| GD1030 | | <0.01 | <10 | <10 | 4 | <10 | 64 |

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Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03021760

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|-----------|-----------|----------|-----------|----------|
| | | Tl | Tl | U | V | W | Zn |
| | | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| GD1031 | | <0.01 | <10 | <10 | 2 | <10 | 7 |
| GD1032 | | <0.01 | <10 | <10 | 2 | <10 | 4 |
| GD1033 | | <0.01 | <10 | <10 | 3 | <10 | 14 |
| GD1034 | | <0.01 | <10 | <10 | 3 | <10 | 12 |
| GD1035 | | <0.01 | <10 | <10 | 2 | <10 | 9 |
| GD1038 | | <0.01 | <10 | <10 | 3 | <10 | 17 |

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Page #: 1

Date : 7-Jul-2003

Account: NJY

CERTIFICATE VA03022027

Project : Cranbrook Gold

P.O. No:

This report is for 164 ROCK samples submitted to our lab in North Vancouver, BC,
Canada on 24-Jun-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

*Zinger***SAMPLE PREPARATION**

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
104-135 10TH AVE S
CRANBROOK BC V1C 2N1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: *R. Sudo*



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CERTIFICATE OF ANALYSIS VA03022027

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| GD1036 | | 1.28 | 0.035 | <0.2 | 0.14 | <2 | <10 | 30 | <0.5 | <2 | 0.18 | <0.5 | 2 | 200 | 8 | 1.10 |
| GD1037 | | 1.38 | <0.005 | <0.2 | 0.22 | <2 | <10 | 70 | <0.5 | <2 | 0.04 | <0.5 | 2 | 213 | 8 | 0.86 |
| GD1039 | | 1.18 | 0.005 | <0.2 | 0.51 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 3 | 160 | 6 | 0.58 |
| GD1040 | | 1.34 | <0.005 | <0.2 | 0.03 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | <1 | 78 | 3 | 0.22 |
| GD1041 | | 1.24 | 0.889 | <0.2 | 0.28 | <2 | <10 | 20 | <0.5 | 4 | <0.01 | <0.8 | 2 | 114 | 6 | 1.16 |
| GD1042 | | 1.14 | <0.005 | <0.2 | 0.03 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 253 | 8 | 0.44 |
| GD1043 | | 1.08 | <0.005 | <0.2 | 0.18 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 2 | 232 | 7 | 0.43 |
| GD1044 | | 1.02 | <0.005 | <0.2 | 0.02 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 268 | 8 | 0.48 |
| GD1045 | | 0.88 | <0.005 | <0.2 | 0.38 | <2 | <10 | 50 | <0.5 | <2 | <0.01 | <0.5 | 4 | 193 | 6 | 1.29 |
| GD1046 | | 1.02 | <0.005 | <0.2 | 0.44 | 2 | <10 | 40 | <0.5 | <2 | 0.01 | <0.5 | 3 | 170 | 5 | 1.57 |
| GD1047 | | 1.40 | 0.070 | 0.2 | 0.05 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 132 | 5 | 0.49 |
| GD1048 | | 1.20 | <0.005 | 0.2 | 0.23 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 1 | 138 | 7 | 0.53 |
| GD1049 | | 1.88 | 0.005 | 0.4 | 0.07 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 7 | 25 | 0.43 |
| GD1050 | | 1.14 | <0.005 | <0.2 | 0.30 | <2 | <10 | 390 | <0.5 | <2 | 0.01 | <0.5 | 2 | 80 | 3 | 0.99 |
| GD1051 | | 1.38 | 0.095 | 0.2 | 0.21 | 4 | <10 | 20 | <0.5 | <2 | 0.01 | <0.5 | 2 | 113 | 4 | 0.95 |
| GD1052 | | 1.12 | <0.005 | <0.2 | 0.21 | 2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 14 | 137 | 4 | 13.05 |
| GD1053 | | 1.42 | <0.005 | <0.2 | 0.29 | <2 | <10 | 30 | <0.5 | <2 | 0.03 | <0.5 | 1 | 96 | 4 | 0.64 |
| GD1054 | | 1.44 | 0.119 | <0.2 | 0.18 | 10 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 151 | 5 | 0.87 |
| GD1055 | | 1.40 | 0.076 | <0.2 | 0.24 | 2580 | <10 | 50 | <0.5 | <2 | <0.01 | <0.5 | 1 | 146 | 6 | 0.77 |
| GD1056 | | 1.58 | 0.619 | 0.4 | 0.09 | 3100 | <10 | 20 | <0.5 | <2 | 0.01 | <0.5 | 1 | 218 | 14 | 0.95 |
| GD1057 | | 1.20 | <0.005 | <0.2 | 0.07 | 105 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 238 | 9 | 0.58 |
| GD1058 | | 1.82 | 0.036 | <0.2 | 0.10 | 898 | <10 | 10 | <0.5 | <2 | 0.02 | <0.5 | 1 | 202 | 8 | 0.60 |
| GD1059 | | 1.60 | 0.031 | <0.2 | 0.22 | 548 | <10 | 40 | <0.5 | <2 | 0.02 | <0.5 | 2 | 233 | 9 | 0.90 |
| GD1060 | | 1.60 | 0.060 | <0.2 | 0.14 | 1930 | <10 | 40 | <0.5 | <2 | 0.01 | <0.5 | 1 | 242 | 12 | 0.73 |
| GD1061 | | 1.76 | 0.184 | <0.2 | 0.23 | 2470 | <10 | 30 | <0.5 | <2 | 0.01 | <0.5 | 1 | 198 | 11 | 0.63 |
| GD1062 | | 1.24 | 0.025 | <0.2 | 0.22 | 1500 | <10 | 140 | <0.5 | <2 | 0.01 | <0.5 | 1 | 138 | 6 | 0.49 |
| GD1063 | | 1.56 | 0.051 | 0.3 | 0.26 | 1630 | <10 | 50 | <0.5 | 2 | 0.02 | <0.5 | 1 | 132 | 11 | 0.61 |
| GD1064 | | 1.80 | 0.121 | <0.2 | 0.17 | 1840 | <10 | 30 | <0.5 | <2 | <0.01 | <0.5 | 1 | 199 | 8 | 0.61 |
| GD1065 | | 1.44 | <0.005 | <0.2 | 0.24 | 55 | <10 | 40 | <0.5 | <2 | <0.01 | <0.5 | 2 | 97 | 3 | 0.87 |
| GD1066 | | 1.24 | 0.007 | <0.2 | 0.18 | 26 | <10 | 40 | <0.5 | <2 | 0.22 | <0.5 | 6 | 109 | 6 | 1.50 |
| GD1067 | | 1.02 | <0.005 | <0.2 | 0.32 | 3 | <10 | 40 | <0.5 | <2 | 0.02 | <0.5 | 3 | 98 | 5 | 1.10 |
| GD1068 | | 1.14 | 0.083 | 0.5 | 0.21 | 24 | <10 | 30 | <0.5 | <2 | 0.02 | <0.5 | 2 | 148 | 33 | 1.15 |
| GD1069 | | 1.68 | 0.212 | 2.9 | 0.16 | 30 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 1 | 176 | 30 | 0.63 |
| GD1070 | | 1.64 | 0.164 | 0.2 | 0.15 | 5 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 1 | 153 | 7 | 0.89 |
| GD1071 | | 1.02 | 0.136 | <0.2 | 0.21 | 12 | <10 | 30 | <0.5 | <2 | 0.01 | <0.5 | 1 | 205 | 7 | 0.79 |
| GD1072 | | 1.28 | 0.015 | <0.2 | 0.20 | 41 | <10 | 30 | <0.5 | <2 | 0.05 | <0.5 | 6 | 144 | 6 | 1.42 |
| GD1073 | | 1.66 | <0.005 | <0.2 | 0.06 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 3 | 248 | 10 | 0.62 |
| GD1074 | | 1.48 | 0.041 | 0.2 | 0.38 | 16 | <10 | 30 | <0.5 | <2 | <0.01 | <0.5 | 1 | 51 | 2 | 0.99 |
| GD1075 | | 1.62 | <0.005 | <0.2 | 0.05 | <2 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 235 | 7 | 0.45 |
| GD1076 | | 1.66 | 0.022 | 0.7 | 0.10 | 74 | <10 | 20 | <0.5 | 3 | 0.07 | <0.5 | 52 | 203 | 11 | 1.88 |



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Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03022027

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| GD1077 | | 1.56 | 0.015 | 0.2 | 0.23 | 5 | <10 | 20 | <0.5 | <2 | 0.02 | <0.5 | 7 | 185 | 7 | 0.61 |
| GD1078 | | 1.10 | 0.154 | <0.2 | 0.27 | 4 | <10 | 30 | <0.5 | <2 | 0.01 | <0.5 | 2 | 44 | 2 | 0.96 |
| GD1079 | | 1.38 | <0.005 | <0.2 | 0.06 | 2 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 200 | 6 | 0.41 |
| GD1080 | | 1.50 | <0.005 | 0.3 | 0.05 | 3 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 175 | 6 | 0.66 |
| GD1081 | | 1.66 | 0.011 | 1.4 | 0.05 | 61 | <10 | 70 | <0.5 | <2 | <0.01 | <0.6 | 37 | 194 | 9 | 1.69 |
| GD1082 | | 1.32 | <0.005 | <0.2 | 0.09 | 5 | <10 | 20 | <0.5 | <2 | 0.01 | <0.5 | 8 | 166 | 6 | 0.62 |
| GD1083 | | 1.70 | 0.008 | 0.2 | 0.11 | 5 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 5 | 202 | 6 | 0.63 |
| GD1087 | | 1.68 | <0.005 | <0.2 | 0.15 | 16 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 10 | 146 | 6 | 0.82 |
| GD1088 | | 1.44 | <0.005 | 0.4 | 0.02 | 20 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 2 | 222 | 10 | 0.87 |
| GD1089 | | 1.70 | <0.005 | <0.2 | 0.03 | 6 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 7 | 172 | 8 | 0.60 |
| GD1090 | | 1.58 | <0.005 | 0.3 | 0.07 | 19 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 15 | 226 | 13 | 0.96 |
| GD1091 | | 1.30 | 0.010 | 1.1 | 0.10 | 59 | <10 | 10 | <0.5 | 2 | <0.01 | <0.5 | 73 | 204 | 24 | 3.62 |
| GD1092 | | 1.44 | 0.009 | 0.4 | 0.07 | 39 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 11 | 212 | 17 | 0.91 |
| GD1093 | | 1.58 | <0.005 | 0.3 | 0.05 | 29 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 3 | 168 | 9 | 0.51 |
| GD1094 | | 1.38 | <0.005 | <0.2 | 0.01 | 2 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 226 | 7 | 0.45 |
| GD1095 | | 1.50 | <0.005 | <0.2 | 0.04 | 14 | <10 | 10 | <0.5 | 2 | <0.01 | <0.5 | 3 | 152 | 6 | 0.60 |
| GD1096 | | 1.56 | <0.005 | <0.2 | 0.08 | 4 | <10 | 10 | <0.5 | 3 | <0.01 | <0.5 | 4 | 96 | 3 | 0.41 |
| GD1097 | | 1.42 | <0.005 | <0.2 | 0.04 | 19 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 7 | 201 | 6 | 0.66 |
| OB1354 | | 0.92 | <0.005 | <0.2 | 0.17 | <2 | <10 | 20 | <0.5 | <2 | 0.01 | <0.5 | 1 | 116 | 4 | 0.62 |
| OB1355 | | 1.42 | <0.005 | <0.2 | 0.13 | <2 | <10 | 400 | <0.5 | <2 | 0.01 | <0.5 | 1 | 166 | 6 | 0.67 |
| OB1356 | | 1.66 | <0.005 | <0.2 | 0.10 | <2 | <10 | 560 | <0.5 | <2 | 0.01 | <0.5 | 1 | 185 | 6 | 0.62 |
| OB1357 | | 1.20 | 0.007 | <0.2 | 0.14 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 2 | 168 | 6 | 0.82 |
| OB1358A | | 2.12 | <0.005 | <0.2 | 0.05 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 236 | 7 | 0.51 |
| OB1358B | | 1.12 | <0.005 | <0.2 | 0.14 | <2 | <10 | 30 | <0.5 | <2 | 0.04 | <0.5 | 2 | 198 | 6 | 0.76 |
| OB1359 | | 1.38 | <0.005 | <0.2 | 0.10 | <2 | <10 | 10 | <0.5 | <2 | 0.01 | <0.5 | 2 | 172 | 6 | 0.86 |
| OB1360 | | 1.02 | 0.047 | <0.2 | 0.05 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 2 | 242 | 8 | 0.47 |
| OB1361 | | 1.10 | 0.455 | 0.2 | 0.13 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 1 | 175 | 7 | 0.39 |
| OB1362 | | 1.70 | 0.027 | <0.2 | 0.28 | 2 | <10 | 30 | <0.5 | <2 | <0.01 | <0.5 | 2 | 201 | 9 | 0.92 |
| OB1363 | | 1.16 | <0.005 | <0.2 | 0.07 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 194 | 7 | 0.55 |
| OB1364 | | 1.42 | 0.183 | <0.2 | 0.20 | 2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 2 | 159 | 9 | 0.78 |
| OB1365 | | 1.06 | 0.201 | <0.2 | 0.07 | 2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 2 | 193 | 7 | 1.07 |
| OB1366 | | 1.24 | 0.085 | <0.2 | 0.07 | 2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 2 | 200 | 8 | 0.64 |
| OB1367 | | 1.44 | 2.37 | <0.2 | 0.11 | 2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 5 | 158 | 7 | 0.56 |
| OB1368 | | 1.04 | 0.037 | <0.2 | 0.05 | 6 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 53 | 215 | 11 | 2.79 |
| OB1369 | | 1.18 | 0.018 | <0.2 | 0.22 | 25 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 2 | 87 | 9 | 0.85 |
| OB1370 | | 1.64 | <0.005 | <0.2 | 0.07 | <2 | <10 | <10 | <0.5 | <2 | 0.01 | <0.5 | 2 | 215 | 11 | 0.65 |
| OB1371 | | 1.12 | 0.197 | <0.2 | 0.40 | 2 | <10 | 30 | <0.5 | <2 | 0.06 | <0.5 | 2 | 41 | 2 | 0.96 |
| OB1372 | | 3.56 | 0.007 | <0.2 | 0.15 | 7 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 2 | 7 | 4 | 0.76 |
| OB1373 | | 0.98 | <0.005 | <0.2 | 0.28 | 8 | <10 | 30 | <0.5 | <2 | <0.01 | <0.5 | 3 | 4 | 2 | 0.61 |
| OB1374 | | 1.00 | 0.055 | <0.2 | 0.13 | 7 | <10 | 30 | <0.5 | <2 | 0.01 | <0.5 | 5 | 6 | 3 | 1.78 |



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TO: CHAPLEAU RESOURCES

104-135 10TH AVE S

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Page #: 4 - A

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Date : 7-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS

VA03022027

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| OB1375 | | 0.90 | 0.007 | <0.2 | 0.18 | 240 | <10 | 30 | <0.5 | <2 | 0.01 | <0.5 | 1 | 6 | 11 | 0.89 |
| OB1376 | | 0.76 | <0.005 | <0.2 | 0.17 | 13 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 2 | 5 | 2 | 0.99 |
| OB1377 | | 1.08 | 0.007 | <0.2 | 0.14 | 46 | <10 | 10 | <0.5 | <2 | 0.01 | <0.5 | 1 | 6 | 3 | 0.77 |
| OB1378 | | 0.88 | 0.040 | <0.2 | 0.21 | 455 | <10 | 40 | <0.5 | <2 | 0.02 | <0.5 | 1 | 5 | 4 | 0.83 |
| OB1379 | | 0.96 | 0.008 | <0.2 | 0.18 | 16 | <10 | 30 | <0.5 | <2 | 0.01 | <0.5 | 1 | 4 | 4 | 1.26 |
| OB1380 | | 0.78 | 0.060 | <0.2 | 0.07 | 231 | <10 | 10 | <0.5 | <2 | 0.01 | <0.5 | 1 | 8 | 2 | 1.18 |
| OB1381 | | 0.90 | 0.010 | <0.2 | 0.24 | 646 | <10 | 40 | <0.5 | <2 | 0.09 | <0.5 | 2 | 6 | 3 | 0.99 |
| OB1382 | | 1.26 | 0.681 | <0.2 | 0.07 | 4260 | <10 | 20 | <0.5 | <2 | 0.02 | <0.5 | 2 | 10 | 4 | 1.58 |
| OB1383 | | 1.30 | 1.695 | 0.2 | 0.07 | 4770 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 2 | 15 | 4 | 1.46 |
| OB1384 | | 0.98 | 0.105 | <0.2 | 0.09 | 4160 | <10 | 10 | <0.5 | <2 | 0.01 | <0.5 | 2 | 10 | 5 | 1.43 |
| OB1385 | | 0.70 | 0.045 | <0.2 | 0.09 | 40 | <10 | 10 | <0.5 | <2 | 0.01 | <0.5 | 2 | 10 | 4 | 2.11 |
| OB1386 | | 0.98 | 0.333 | 3.9 | 0.04 | 32 | <10 | 10 | <0.5 | 2 | <0.01 | <0.5 | 3 | 9 | 186 | 2.19 |
| OB1387 | | 1.38 | 0.006 | <0.2 | 0.29 | 11 | <10 | 50 | <0.5 | <2 | 0.01 | <0.5 | 3 | 4 | 9 | 1.53 |
| OB1388 | | 1.12 | 1.865 | 26.0 | 0.02 | 107 | <10 | 10 | <0.5 | <2 | 0.04 | 2.6 | 2 | 12 | 403 | 1.58 |
| OB1389 | | 1.56 | <0.005 | <0.2 | 0.09 | 2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 10 | 4 | 0.89 |
| OB1390 | | 1.12 | 0.069 | 11.8 | 0.18 | 73 | <10 | 50 | <0.5 | <2 | 0.02 | 2.2 | 3 | 6 | 795 | 1.04 |
| OB1391 | | 1.52 | 0.142 | 0.5 | 0.09 | 13 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 2 | 10 | 8 | 2.10 |
| OB1392 | | 1.50 | 0.027 | <0.2 | 0.19 | 12 | <10 | 90 | <0.5 | <2 | <0.01 | <0.5 | 2 | 6 | 4 | 1.42 |
| OB1393 | | 2.32 | 0.070 | 1.0 | 0.31 | 656 | <10 | 50 | <0.5 | <2 | 0.01 | <0.5 | 3 | 3 | 6 | 2.76 |
| OB1394 | | 1.42 | <0.005 | <0.2 | 0.04 | 3 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 10 | 2 | 0.78 |
| OB1395 | | 2.28 | 0.025 | <0.2 | 0.27 | 1705 | <10 | 90 | <0.5 | <2 | 0.01 | <0.5 | 2 | 5 | 5 | 1.70 |
| OB1396 | | 1.22 | 0.030 | <0.2 | 0.13 | 1285 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 1 | 7 | 8 | 1.33 |
| OB1397 | | 1.50 | 0.016 | <0.2 | 0.13 | 285 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 2 | 10 | 4 | 1.92 |
| OB1398 | | 1.76 | 0.094 | <0.2 | 0.27 | 2200 | <10 | 100 | <0.5 | <2 | 0.01 | <0.5 | 3 | 4 | 5 | 2.60 |
| OB1399 | | 2.10 | 0.012 | <0.2 | 0.05 | 910 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 2 | 10 | 5 | 1.74 |
| OB1400 | | 1.84 | 0.012 | 0.3 | 0.16 | 82 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 3 | 6 | 5 | 1.36 |
| OB1401 | | 2.28 | 0.007 | <0.2 | 0.12 | 139 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 9 | 6 | 1.16 |
| OB1402 | | 1.90 | 0.081 | 1.6 | 0.12 | 99 | <10 | 20 | <0.5 | 2 | <0.01 | 0.5 | 1 | 8 | 4 | 1.44 |
| OB1403 | | 2.24 | 0.333 | 0.2 | 0.27 | 174 | <10 | 30 | <0.5 | <2 | <0.01 | <0.5 | 2 | 4 | 4 | 1.94 |
| OB1404 | | 1.84 | 0.013 | 0.3 | 0.03 | 83 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 2 | 12 | 13 | 1.40 |
| OB1405 | | 2.24 | 0.007 | <0.2 | 0.05 | 75 | <10 | 10 | <0.5 | <2 | 0.01 | <0.5 | 3 | 12 | 4 | 1.42 |
| OB1406 | | 1.24 | <0.005 | <0.2 | 0.03 | 68 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 13 | 12 | 4 | 1.70 |
| OB1407 | | 1.82 | <0.005 | <0.2 | 0.07 | 44 | <10 | 30 | <0.5 | <2 | <0.01 | <0.5 | 5 | 12 | 4 | 1.12 |
| OB1408 | | 1.76 | 0.008 | 0.3 | 0.01 | 34 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 6 | 12 | 2 | 1.41 |
| OB1409 | | 2.20 | <0.005 | 0.2 | 0.01 | 3 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | <1 | 13 | 2 | 0.69 |
| OB7046 | | 1.22 | 0.016 | 0.3 | 0.03 | 3 | <10 | 40 | <0.5 | 4 | 0.12 | <0.5 | 118 | 10 | 28 | 2.20 |
| OB7047 | | 1.32 | 0.026 | 0.3 | 0.03 | 4 | <10 | 80 | <0.5 | 5 | <0.01 | <0.5 | 170 | 10 | 12 | 3.07 |
| OB7048 | | 1.64 | 0.020 | 0.4 | 0.01 | 3 | <10 | 130 | <0.5 | 4 | 0.01 | <0.5 | 196 | 12 | 4 | 2.82 |
| OB7049 | | 1.04 | 0.006 | <0.2 | 0.04 | 2 | <10 | 70 | <0.5 | 2 | <0.01 | <0.5 | 32 | 11 | 6 | 1.52 |
| OB7050 | | 0.90 | <0.005 | 0.4 | 0.05 | 2 | <10 | 40 | <0.5 | <2 | 0.32 | <0.5 | 15 | 10 | 26 | 1.66 |



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Page #: 5 - A

Total # of pages : 6 (A - C)

Date : 7-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03022027

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| OB7051 | | 1.32 | <0.005 | <0.2 | 0.22 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 2 | 6 | 3 | 0.85 |
| OB7052 | | 1.12 | 0.006 | 0.2 | 0.02 | 26 | <10 | 30 | <0.5 | <2 | <0.01 | <0.5 | 15 | 10 | 7 | 1.66 |
| OB7053 | | 1.18 | 0.012 | 0.7 | 0.07 | 323 | <10 | 10 | <0.5 | 4 | <0.01 | 0.6 | 29 | 6 | 62 | 3.81 |
| OB7054 | | 1.24 | <0.005 | <0.2 | 0.10 | 23 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 7 | 4 | 0.87 |
| OB7055 | | 1.70 | 0.009 | <0.2 | 0.04 | 98 | <10 | <10 | <0.5 | <2 | 0.01 | 0.9 | 2 | 13 | 4 | 1.72 |
| OB7056 | | 1.60 | 0.023 | <0.2 | 0.04 | 106 | <10 | 10 | <0.5 | <2 | 0.01 | 1.0 | 2 | 13 | 3 | 1.48 |
| OB7057 | | 1.30 | 0.006 | <0.2 | 0.11 | 170 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 8 | 3 | 1.07 |
| OB7058 | | 1.84 | <0.005 | <0.2 | 0.03 | 90 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 12 | 5 | 1.28 |
| OB7059 | | 1.44 | 0.068 | 0.2 | 0.12 | 644 | <10 | 20 | <0.5 | 2 | <0.01 | 0.8 | 5 | 9 | 5 | 3.29 |
| OB7060 | | 1.18 | <0.005 | <0.2 | 0.04 | 26 | <10 | 10 | <0.5 | <2 | 0.02 | <0.5 | 3 | 10 | 2 | 1.12 |
| OB7061 | | 1.12 | 0.005 | <0.2 | 0.03 | 85 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 10 | 4 | 1.06 |
| OB7062 | | 1.20 | 0.099 | 0.2 | 0.13 | 304 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 1 | 6 | 5 | 1.04 |
| OB7063 | | 1.28 | 0.102 | <0.2 | 0.08 | 152 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 3 | 9 | 5 | 2.11 |
| OB7064 | | 0.84 | <0.005 | <0.2 | 0.05 | 10 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 3 | 9 | 6 | 0.91 |
| OB7065 | | 0.90 | 0.010 | <0.2 | 0.07 | 4 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | <1 | 9 | 3 | 0.85 |
| OB7066 | | 0.78 | <0.005 | <0.2 | 0.02 | 25 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 4 | 12 | 5 | 1.40 |
| OB7067 | | 1.08 | 0.085 | <0.2 | 0.08 | 188 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 10 | 3 | 0.81 |
| OB7068 | | 1.50 | 0.715 | 0.2 | 0.13 | 798 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | <1 | 8 | 3 | 0.96 |
| OB7069 | | 1.16 | 0.064 | 0.4 | 0.09 | 12 | <10 | 10 | <0.5 | 2 | <0.01 | <0.5 | 76 | 6 | 2 | 1.88 |
| OB7070 | | 1.44 | 0.069 | 0.2 | 0.05 | 18 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 44 | 6 | 2 | 1.46 |
| OB7071 | | 1.50 | 0.014 | <0.2 | 0.12 | 12 | <10 | 20 | <0.5 | 2 | <0.01 | <0.5 | 1 | 8 | 4 | 0.96 |
| OB7072 | | 1.20 | 0.021 | 0.2 | 0.05 | 15 | <10 | 20 | <0.5 | 2 | <0.01 | <0.5 | 1 | 11 | 2 | 1.08 |
| OB7073 | | 0.90 | 0.220 | <0.2 | 0.09 | 15 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 1 | 6 | 3 | 1.34 |
| OB7074 | | 1.54 | 0.097 | 0.3 | 0.10 | 18 | <10 | 40 | <0.5 | 3 | <0.01 | <0.5 | 2 | 6 | 3 | 2.07 |
| OB7075 | | 1.02 | 0.019 | <0.2 | 0.09 | 83 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 8 | 7 | 3 | 1.43 |
| OB7076 | | 0.98 | <0.005 | <0.2 | 0.02 | 28 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 5 | 14 | 2 | 1.18 |
| OB7077 | | 1.34 | 0.007 | 0.2 | 0.05 | 8 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 2 | 10 | 5 | 1.76 |
| OB7078 | | 1.48 | 0.026 | <0.2 | 0.06 | 17 | <10 | 30 | <0.5 | <2 | 0.51 | 0.7 | 4 | 8 | 2 | 1.54 |
| OB7079 | | 1.28 | <0.005 | 0.3 | 0.16 | 30 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 3 | 6 | 8 | 0.87 |
| OB7080 | | 1.40 | <0.005 | 0.4 | 0.04 | 28 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 3 | 9 | 14 | 1.18 |
| OB7081 | | 1.46 | <0.005 | 0.3 | 0.15 | 29 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 4 | 7 | 9 | 1.00 |
| OB7082 | | 1.06 | 0.015 | 11.0 | 0.23 | 48 | <10 | 60 | <0.5 | 8 | 0.03 | 3.6 | 18 | 5 | 266 | 1.47 |
| OB7083 | | 1.20 | <0.005 | <0.2 | 0.19 | 68 | <10 | 70 | <0.5 | <2 | <0.01 | 1.1 | 19 | 3 | 6 | 2.32 |
| OB7084 | | 1.38 | 0.079 | 0.8 | 0.05 | 180 | <10 | 10 | <0.5 | <2 | <0.01 | 0.7 | 30 | 10 | 125 | 2.86 |
| OB7085 | | 1.06 | 0.025 | 5.2 | 0.03 | 17 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 11 | 4 | 1.10 |
| OB7086 | | 1.02 | <0.005 | <0.2 | 0.02 | 17 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 12 | 5 | 1.00 |
| OB7087 | | 1.46 | 0.016 | 1.5 | 0.03 | 27 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 11 | 3 | 1.02 |
| OB7088 | | 1.52 | <0.005 | 12.8 | 0.11 | 20 | <10 | 20 | <0.5 | 25 | <0.01 | 13.9 | 4 | 164 | 12 | 0.92 |
| OB7089 | | 1.64 | 0.105 | 1.5 | 0.08 | 30 | <10 | 80 | <0.5 | 4 | <0.01 | 0.9 | 206 | 152 | 11 | 5.31 |
| OB7090 | | 1.46 | 0.055 | 24.9 | 0.14 | 190 | <10 | 50 | <0.5 | <2 | 0.10 | 5.6 | 26 | 166 | 1815 | 0.82 |

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Page #: 6 - A

Total # of pages : 6 (A - C)

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CERTIFICATE OF ANALYSIS VA03022027

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| OB7091 | | 1.86 | 0.024 | 0.7 | 0.05 | 69 | <10 | 150 | <0.5 | 2 | <0.01 | <0.5 | 101 | 193 | 15 | 2.22 |



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Total # of pages : 6 (A - C)
Date : 7-Jul-2003
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CERTIFICATE OF ANALYSIS VA03022027

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 |
|--------------------|-----------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| GD1036 | | <10 | <1 | 0.09 | 10 | 0.02 | 39 | 4 | 0.01 | 13 | 830 | 5 | <0.01 | <2 | <1 | 6 |
| GD1037 | | <10 | <1 | 0.11 | 10 | 0.03 | 299 | 4 | 0.02 | 13 | 150 | 6 | <0.01 | <2 | <1 | 2 |
| GD1039 | | <10 | <1 | 0.11 | 20 | 0.55 | 29 | 3 | 0.01 | 14 | 70 | 3 | <0.01 | <2 | <1 | 2 |
| GD1040 | | <10 | <1 | 0.02 | <10 | <0.01 | 20 | 1 | <0.01 | 4 | 30 | 5 | <0.01 | <2 | <1 | 1 |
| GD1041 | | <10 | <1 | 0.17 | 20 | 0.03 | 60 | 2 | <0.01 | 8 | 130 | 73 | <0.01 | <2 | <1 | 1 |
| GD1042 | | <10 | <1 | 0.01 | <10 | 0.01 | 54 | 3 | <0.01 | 13 | 10 | 3 | <0.01 | <2 | <1 | 1 |
| GD1043 | | <10 | <1 | 0.07 | 10 | 0.11 | 58 | 3 | <0.01 | 12 | 20 | 2 | <0.01 | <2 | <1 | 1 |
| GD1044 | | <10 | <1 | 0.01 | <10 | <0.01 | 53 | 3 | 0.01 | 13 | 10 | 2 | <0.01 | <2 | <1 | 1 |
| GD1045 | | <10 | <1 | 0.22 | 20 | 0.04 | 104 | 2 | <0.01 | 14 | 100 | 3 | <0.01 | <2 | 1 | 1 |
| GD1046 | | <10 | <1 | 0.16 | 10 | 0.07 | 112 | 2 | 0.01 | 13 | 80 | <2 | <0.01 | <2 | <1 | 2 |
| GD1047 | | <10 | <1 | 0.03 | <10 | <0.01 | 30 | 1 | <0.01 | 8 | 20 | 12 | <0.01 | <2 | <1 | <1 |
| GD1048 | | <10 | 1 | 0.13 | 10 | 0.01 | 100 | 1 | 0.02 | 8 | 60 | 14 | <0.01 | <2 | <1 | 1 |
| GD1049 | | <10 | <1 | 0.05 | 10 | 0.01 | 81 | <1 | <0.01 | 2 | 90 | 5 | <0.01 | 5 | <1 | 1 |
| GD1050 | | <10 | <1 | 0.14 | 30 | 0.02 | 70 | <1 | 0.05 | 7 | 70 | 2 | 0.01 | <2 | 1 | 9 |
| GD1051 | | <10 | <1 | 0.08 | 30 | 0.01 | 56 | 1 | 0.05 | 7 | 110 | 5 | 0.02 | <2 | 1 | 2 |
| GD1052 | | <10 | <1 | 0.14 | 10 | 0.02 | 183 | 2 | 0.02 | 12 | 90 | 4 | <0.01 | 2 | <1 | 2 |
| GD1053 | | <10 | <1 | 0.12 | 20 | 0.02 | 16 | <1 | 0.06 | 6 | 220 | 4 | 0.03 | <2 | 1 | 3 |
| GD1054 | | <10 | 1 | 0.10 | 10 | 0.01 | 64 | 2 | 0.04 | 7 | 70 | 6 | 0.01 | <2 | <1 | 1 |
| GD1055 | | <10 | <1 | 0.16 | 20 | 0.01 | 20 | 1 | 0.02 | 7 | 60 | 10 | 0.03 | <2 | <1 | 2 |
| GD1056 | | <10 | 1 | 0.07 | <10 | <0.01 | 13 | 3 | <0.01 | 13 | 80 | 25 | 0.10 | <2 | <1 | 1 |
| GD1057 | | <10 | <1 | 0.06 | <10 | <0.01 | 12 | 3 | <0.01 | 12 | 20 | 5 | 0.01 | <2 | <1 | <1 |
| GD1058 | | <10 | <1 | 0.08 | <10 | <0.01 | 13 | 2 | <0.01 | 11 | 120 | 14 | 0.03 | <2 | <1 | 3 |
| GD1059 | | <10 | <1 | 0.17 | 20 | 0.01 | 22 | 3 | 0.01 | 12 | 130 | 10 | 0.02 | <2 | <1 | 3 |
| GD1060 | | <10 | <1 | 0.11 | 10 | 0.01 | 16 | 3 | <0.01 | 12 | 60 | 132 | 0.03 | <2 | <1 | 2 |
| GD1061 | | <10 | <1 | 0.15 | 30 | 0.01 | 10 | 2 | 0.01 | 10 | 90 | 20 | 0.04 | 2 | <1 | 2 |
| GD1062 | | <10 | <1 | 0.13 | 20 | 0.01 | 32 | 1 | 0.02 | 6 | 50 | 27 | 0.02 | <2 | <1 | 2 |
| GD1063 | | <10 | <1 | 0.16 | 20 | 0.02 | 48 | 1 | 0.03 | 7 | 80 | 16 | 0.05 | 2 | 1 | 3 |
| GD1064 | | <10 | <1 | 0.13 | 10 | 0.01 | 17 | 2 | 0.01 | 10 | 50 | 41 | 0.05 | <2 | <1 | 2 |
| GD1065 | | <10 | <1 | 0.14 | 30 | 0.02 | 33 | <1 | 0.05 | 6 | 80 | 5 | 0.01 | <2 | 1 | 2 |
| GD1066 | | <10 | <1 | 0.09 | 10 | 0.11 | 399 | 1 | 0.04 | 11 | 180 | 16 | 0.32 | <2 | 1 | 18 |
| GD1067 | | <10 | <1 | 0.20 | 30 | 0.03 | 144 | <1 | 0.03 | 9 | 140 | 5 | 0.06 | <2 | 1 | 3 |
| GD1068 | | <10 | <1 | 0.17 | 30 | 0.01 | 58 | 1 | <0.01 | 9 | 200 | 28 | 0.01 | 5 | <1 | 2 |
| GD1069 | | <10 | <1 | 0.11 | 10 | 0.01 | 58 | 1 | 0.01 | 9 | 60 | 105 | 0.01 | 11 | <1 | 1 |
| GD1070 | | <10 | <1 | 0.11 | 30 | 0.01 | 50 | 2 | <0.01 | 7 | 80 | 19 | 0.01 | <2 | 1 | 2 |
| GD1071 | | <10 | <1 | 0.15 | 10 | 0.01 | 79 | 2 | 0.02 | 10 | 130 | 19 | 0.01 | <2 | <1 | 3 |
| GD1072 | | <10 | <1 | 0.15 | 20 | 0.01 | 108 | 3 | <0.01 | 13 | 330 | 4 | <0.01 | <2 | 1 | 4 |
| GD1073 | | <10 | <1 | 0.04 | <10 | 0.01 | 363 | 3 | <0.01 | 14 | 40 | 79 | <0.01 | 2 | <1 | 1 |
| GD1074 | | <10 | <1 | 0.16 | 30 | 0.01 | 18 | <1 | 0.03 | 4 | 150 | 3 | <0.01 | <2 | <1 | 2 |
| GD1075 | | <10 | <1 | 0.03 | <10 | <0.01 | 29 | 3 | <0.01 | 12 | 20 | 5 | <0.01 | 2 | <1 | <1 |
| GD1076 | | <10 | <1 | 0.05 | 60 | 0.01 | 32 | 4 | <0.01 | 39 | 570 | 805 | <0.01 | 2 | <1 | 6 |



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TO: CHAPLEAU RESOURCES

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Date : 7-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03022027

| Method Analyte Units LOR | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 |
|-----------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Sample Description | | | | | | | | | | | | | | | |
| GD1077 | <10 | <1 | 0.14 | 30 | 0.01 | 41 | 2 | <0.01 | 9 | 180 | 12 | <0.01 | <2 | <1 | 2 |
| GD1078 | <10 | <1 | 0.16 | 40 | 0.02 | 101 | 1 | 0.03 | 4 | 160 | 3 | <0.01 | <2 | 1 | 3 |
| GD1079 | <10 | <1 | 0.04 | <10 | <0.01 | 80 | 4 | <0.01 | 10 | 30 | 3 | <0.01 | <2 | <1 | 1 |
| GD1080 | <10 | <1 | 0.04 | <10 | <0.01 | 10 | 5 | <0.01 | 9 | 40 | 80 | 0.01 | <2 | <1 | 1 |
| GD1081 | <10 | <1 | 0.04 | <10 | <0.01 | 11 | 7 | <0.01 | 15 | 170 | 367 | 0.02 | <2 | <1 | 1 |
| GD1082 | <10 | <1 | 0.07 | 10 | <0.01 | 12 | 4 | 0.01 | 9 | 60 | 8 | <0.01 | <2 | <1 | 2 |
| GD1083 | <10 | <1 | 0.07 | <10 | 0.02 | 42 | 4 | <0.01 | 12 | 50 | 54 | <0.01 | <2 | <1 | 1 |
| GD1087 | <10 | <1 | 0.10 | 20 | 0.01 | 82 | 7 | <0.01 | 11 | 100 | 15 | <0.01 | <2 | 1 | 1 |
| GD1088 | <10 | <1 | 0.02 | <10 | <0.01 | 10 | 7 | <0.01 | 11 | 80 | 55 | <0.01 | <2 | <1 | <1 |
| GD1089 | <10 | <1 | 0.02 | 10 | <0.01 | 10 | 4 | <0.01 | 9 | 60 | 25 | <0.01 | <2 | <1 | 1 |
| GD1090 | <10 | <1 | 0.04 | <10 | 0.02 | 24 | 4 | <0.01 | 13 | 70 | 57 | <0.01 | <2 | <1 | 1 |
| GD1091 | <10 | <1 | 0.07 | 10 | 0.01 | 27 | 5 | <0.01 | 18 | 230 | 270 | <0.01 | <2 | <1 | 1 |
| GD1092 | <10 | <1 | 0.05 | 20 | <0.01 | 14 | 6 | <0.01 | 12 | 200 | 575 | 0.01 | 2 | <1 | 2 |
| GD1093 | <10 | <1 | 0.04 | <10 | <0.01 | 16 | 7 | <0.01 | 9 | 80 | 504 | 0.01 | 5 | <1 | <1 |
| GD1094 | <10 | <1 | <0.01 | <10 | <0.01 | 54 | 5 | 0.01 | 12 | 20 | 6 | <0.01 | <2 | <1 | 1 |
| GD1095 | <10 | <1 | 0.03 | <10 | <0.01 | 42 | 5 | <0.01 | 9 | 40 | 21 | <0.01 | <2 | <1 | <1 |
| GD1096 | <10 | <1 | 0.06 | 10 | <0.01 | 8 | 3 | <0.01 | 5 | 40 | 40 | 0.01 | <2 | <1 | 1 |
| GD1097 | <10 | <1 | 0.03 | <10 | <0.01 | 23 | 5 | <0.01 | 11 | 40 | 14 | <0.01 | <2 | <1 | 1 |
| OB1354 | <10 | <1 | 0.09 | 20 | 0.02 | 28 | 2 | 0.05 | 6 | 90 | 4 | <0.01 | <2 | <1 | 2 |
| OB1355 | <10 | <1 | 0.07 | 20 | 0.02 | 58 | 3 | 0.04 | 9 | 60 | 7 | 0.01 | <2 | <1 | 7 |
| OB1356 | <10 | <1 | 0.06 | 10 | 0.02 | 78 | 4 | 0.03 | 10 | 60 | 8 | 0.01 | <2 | <1 | 8 |
| OB1357 | <10 | <1 | 0.07 | 10 | 0.01 | 43 | 4 | 0.03 | 10 | 90 | <2 | <0.01 | <2 | <1 | 1 |
| OB1358A | <10 | <1 | 0.01 | <10 | 0.05 | 67 | 4 | 0.01 | 12 | 30 | 2 | <0.01 | <2 | <1 | 1 |
| OB1358B | <10 | <1 | 0.07 | 10 | 0.04 | 130 | 4 | 0.02 | 11 | 200 | 3 | <0.01 | <2 | <1 | 2 |
| OB1359 | <10 | <1 | 0.09 | 10 | 0.01 | 34 | 3 | <0.01 | 10 | 100 | 4 | <0.01 | <2 | <1 | 1 |
| OB1360 | <10 | <1 | 0.04 | <10 | <0.01 | 45 | 4 | <0.01 | 12 | 30 | 8 | <0.01 | <2 | <1 | <1 |
| OB1361 | <10 | <1 | 0.11 | 10 | 0.01 | 30 | 3 | <0.01 | 9 | 40 | 12 | <0.01 | <2 | <1 | 1 |
| OB1362 | <10 | <1 | 0.16 | 20 | 0.03 | 57 | 4 | 0.01 | 12 | 150 | 6 | 0.02 | <2 | <1 | 7 |
| OB1363 | <10 | <1 | 0.04 | <10 | 0.01 | 68 | 4 | 0.01 | 10 | 60 | <2 | <0.01 | <2 | <1 | 1 |
| OB1364 | <10 | <1 | 0.17 | 20 | 0.02 | 26 | 3 | <0.01 | 9 | 120 | 39 | 0.01 | <2 | <1 | 1 |
| OB1365 | <10 | <1 | 0.05 | <10 | 0.01 | 76 | 4 | <0.01 | 13 | 170 | 4 | <0.01 | <2 | <1 | 1 |
| OB1366 | <10 | 1 | 0.05 | <10 | 0.01 | 29 | 4 | 0.01 | 13 | 60 | 9 | <0.01 | <2 | <1 | 2 |
| OB1367 | <10 | <1 | 0.07 | 10 | 0.01 | 176 | 3 | <0.01 | 10 | 50 | 25 | <0.01 | <2 | <1 | 1 |
| OB1368 | <10 | <1 | 0.02 | <10 | 0.01 | 57 | 5 | 0.01 | 31 | 150 | 20 | <0.01 | <2 | <1 | 1 |
| OB1369 | <10 | <1 | 0.09 | 30 | 0.01 | 26 | 2 | 0.03 | 7 | 110 | 7 | <0.01 | <2 | 1 | 2 |
| OB1370 | <10 | <1 | 0.02 | <10 | <0.01 | 57 | 4 | 0.01 | 12 | 100 | 56 | <0.01 | <2 | 1 | 1 |
| OB1371 | <10 | <1 | 0.19 | 40 | 0.04 | 24 | 1 | 0.02 | 4 | 530 | 6 | <0.01 | <2 | 1 | 3 |
| OB1372 | <10 | <1 | 0.06 | 10 | 0.01 | 42 | <1 | 0.03 | 2 | 40 | 5 | 0.01 | <2 | <1 | 1 |
| OB1373 | <10 | <1 | 0.16 | 30 | 0.01 | 124 | <1 | 0.02 | 3 | 60 | <2 | 0.01 | <2 | <1 | 2 |
| OB1374 | <10 | <1 | 0.08 | 10 | 0.01 | 162 | <1 | 0.01 | 5 | 180 | 52 | 0.20 | <2 | 1 | 3 |



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CRANBROOK BC V1C 2N1

Page #: 4 - B

Total # of pages : 6 (A - C)

Date : 7-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03022027

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 |
|--------------------|-----------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| OB1375 | | <10 | <1 | 0.12 | 20 | 0.01 | 15 | <1 | 0.03 | 1 | 80 | 53 | 0.02 | <2 | <1 | 3 |
| OB1376 | | <10 | <1 | 0.11 | 40 | 0.01 | 41 | <1 | 0.04 | 3 | 90 | 3 | 0.01 | <2 | 1 | 2 |
| OB1377 | | <10 | <1 | 0.07 | 20 | 0.01 | 46 | 1 | 0.04 | 1 | 70 | 4 | 0.02 | <2 | 1 | 2 |
| OB1378 | | <10 | 1 | 0.17 | 20 | 0.01 | 44 | <1 | 0.01 | 2 | 130 | <2 | 0.01 | <2 | <1 | 3 |
| OB1379 | | <10 | <1 | 0.12 | 20 | 0.01 | 11 | <1 | 0.03 | 2 | 100 | 21 | 0.03 | <2 | 1 | 2 |
| OB1380 | | <10 | <1 | 0.05 | 10 | <0.01 | 75 | 1 | <0.01 | 2 | 60 | 26 | 0.01 | <2 | <1 | 2 |
| OB1381 | | <10 | <1 | 0.21 | 20 | 0.02 | 55 | <1 | <0.01 | 2 | 480 | 7 | 0.02 | <2 | 1 | 6 |
| OB1382 | | <10 | <1 | 0.07 | 10 | 0.01 | 99 | <1 | <0.01 | 3 | 30 | 32 | 0.17 | <2 | <1 | 2 |
| OB1383 | | <10 | <1 | 0.07 | <10 | <0.01 | 26 | <1 | <0.01 | 2 | 20 | 15 | 0.21 | 2 | <1 | 1 |
| OB1384 | | <10 | <1 | 0.09 | 10 | <0.01 | 60 | <1 | <0.01 | 3 | 120 | 22 | 0.12 | <2 | <1 | 2 |
| OB1385 | | <10 | <1 | 0.09 | 10 | <0.01 | 85 | <1 | <0.01 | 3 | 330 | 34 | 0.03 | <2 | <1 | 3 |
| OB1386 | | <10 | 1 | 0.03 | 10 | <0.01 | 82 | <1 | <0.01 | 3 | 60 | 118 | 0.05 | 81 | <1 | 1 |
| OB1387 | | <10 | <1 | 0.20 | 20 | 0.02 | 86 | <1 | 0.02 | 4 | 140 | 29 | 0.06 | <2 | 1 | 3 |
| OB1388 | | <10 | <1 | 0.01 | <10 | 0.02 | 136 | <1 | <0.01 | 3 | 60 | 2790 | 0.17 | 204 | <1 | 2 |
| OB1389 | | <10 | <1 | 0.07 | <10 | 0.01 | 32 | <1 | <0.01 | 4 | 40 | 10 | <0.01 | 2 | <1 | 1 |
| OB1390 | | <10 | 4 | 0.17 | 30 | 0.01 | 72 | <1 | <0.01 | 3 | 110 | 38 | 0.06 | 344 | <1 | 3 |
| OB1391 | | <10 | <1 | 0.05 | <10 | <0.01 | 45 | 1 | <0.01 | 5 | 120 | 256 | 0.01 | <2 | 1 | 1 |
| OB1392 | | <10 | <1 | 0.17 | 20 | 0.01 | 58 | 1 | <0.01 | 2 | 120 | 64 | 0.01 | <2 | <1 | 2 |
| OB1393 | | <10 | <1 | 0.24 | 30 | 0.01 | 53 | <1 | <0.01 | 2 | 430 | 315 | 0.01 | <2 | 1 | 3 |
| OB1394 | | <10 | <1 | 0.03 | <10 | <0.01 | 92 | <1 | <0.01 | 2 | 20 | 3 | <0.01 | <2 | <1 | 1 |
| OB1395 | | <10 | <1 | 0.21 | 30 | 0.01 | 42 | <1 | <0.01 | 3 | 190 | 18 | 0.01 | <2 | 1 | 2 |
| OB1396 | | <10 | <1 | 0.11 | 20 | 0.01 | 45 | 1 | <0.01 | 2 | 100 | 64 | 0.01 | <2 | <1 | 2 |
| OB1397 | | <10 | <1 | 0.11 | 10 | 0.01 | 30 | <1 | <0.01 | 4 | 160 | 6 | <0.01 | <2 | <1 | 1 |
| OB1398 | | <10 | <1 | 0.22 | 30 | 0.01 | 61 | 1 | <0.01 | 5 | 240 | 30 | 0.02 | <2 | 1 | 2 |
| OB1399 | | <10 | <1 | 0.04 | <10 | <0.01 | 26 | <1 | <0.01 | 3 | 100 | 26 | 0.01 | <2 | <1 | 1 |
| OB1400 | | <10 | <1 | 0.14 | 20 | 0.01 | 111 | <1 | <0.01 | 5 | 100 | 38 | <0.01 | <2 | 1 | 1 |
| OB1401 | | <10 | 1 | 0.10 | 10 | 0.01 | 45 | <1 | <0.01 | 2 | 130 | 248 | 0.01 | <2 | <1 | 2 |
| OB1402 | | <10 | <1 | 0.11 | 10 | 0.01 | 85 | 1 | <0.01 | 2 | 200 | 706 | 0.01 | <2 | <1 | 1 |
| OB1403 | | <10 | <1 | 0.25 | 30 | 0.01 | 28 | 1 | <0.01 | 2 | 250 | 26 | <0.01 | <2 | 1 | 2 |
| OB1404 | | <10 | <1 | 0.03 | <10 | <0.01 | 78 | 1 | <0.01 | 4 | 60 | 29 | <0.01 | <2 | <1 | 1 |
| OB1405 | | <10 | <1 | 0.05 | <10 | <0.01 | 26 | 1 | <0.01 | 4 | 140 | 13 | <0.01 | <2 | <1 | 2 |
| OB1406 | | <10 | <1 | 0.03 | <10 | <0.01 | 59 | 1 | <0.01 | 7 | 110 | 79 | 0.01 | <2 | <1 | 1 |
| OB1407 | | <10 | <1 | 0.06 | <10 | <0.01 | 15 | 1 | <0.01 | 4 | 70 | 39 | 0.02 | <2 | <1 | 1 |
| OB1408 | | <10 | <1 | 0.02 | <10 | <0.01 | 51 | 1 | <0.01 | 3 | 60 | 57 | 0.02 | <2 | <1 | 1 |
| OB1409 | | <10 | <1 | 0.01 | <10 | <0.01 | 34 | 1 | <0.01 | 2 | 20 | <2 | <0.01 | <2 | <1 | 1 |
| OB7046 | | <10 | <1 | 0.01 | <10 | 0.01 | 54 | 1 | 0.01 | 64 | 700 | 12 | 0.01 | <2 | <1 | 4 |
| OB7047 | | <10 | <1 | 0.02 | <10 | <0.01 | 11 | 1 | 0.01 | 45 | 60 | 18 | 1.34 | <2 | <1 | 5 |
| OB7048 | | <10 | <1 | 0.01 | <10 | <0.01 | 56 | 1 | 0.01 | 22 | 110 | 28 | 1.50 | <2 | <1 | 4 |
| OB7049 | | <10 | <1 | 0.03 | 20 | 0.01 | 29 | <1 | <0.01 | 18 | 170 | 18 | 0.02 | <2 | <1 | 2 |
| OB7050 | | <10 | <1 | 0.03 | <10 | <0.01 | 64 | 1 | 0.01 | 10 | 2660 | 11 | 0.02 | <2 | <1 | 9 |



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CERTIFICATE OF ANALYSIS VA03022027

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 |
|--------------------|-----------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| OB7051 | | <10 | <1 | 0.04 | 10 | 0.01 | 161 | <1 | 0.03 | 1 | 60 | 41 | <0.01 | <2 | <1 | 1 |
| OB7052 | | <10 | <1 | 0.02 | <10 | <0.01 | 65 | 1 | <0.01 | 4 | 50 | 39 | 0.01 | <2 | <1 | 1 |
| OB7053 | | <10 | <1 | 0.02 | <10 | <0.01 | 28 | 4 | <0.01 | 6 | 580 | 1020 | 0.02 | 7 | <1 | 1 |
| OB7054 | | <10 | <1 | 0.09 | 10 | <0.01 | 36 | 1 | <0.01 | 2 | 110 | 132 | <0.01 | <2 | <1 | 2 |
| OB7055 | | <10 | <1 | 0.03 | <10 | <0.01 | 20 | <1 | <0.01 | 5 | 160 | 46 | <0.01 | <2 | 1 | 2 |
| OB7056 | | <10 | <1 | 0.03 | <10 | <0.01 | 47 | 1 | <0.01 | 4 | 150 | 48 | <0.01 | <2 | 1 | 1 |
| OB7057 | | <10 | <1 | 0.08 | 10 | 0.01 | 12 | <1 | <0.01 | 1 | 160 | 37 | <0.01 | <2 | 1 | 4 |
| OB7058 | | <10 | <1 | 0.01 | <10 | <0.01 | 73 | 1 | <0.01 | 2 | 140 | 13 | <0.01 | <2 | 1 | 1 |
| OB7059 | | <10 | <1 | 0.09 | 10 | 0.01 | 24 | 1 | <0.01 | 5 | 210 | 182 | 0.07 | <2 | <1 | 1 |
| OB7060 | | <10 | <1 | 0.04 | <10 | <0.01 | 59 | 1 | <0.01 | 4 | 120 | 19 | <0.01 | <2 | 1 | 2 |
| OB7061 | | <10 | <1 | 0.02 | <10 | <0.01 | 13 | 1 | <0.01 | 2 | 120 | 55 | <0.01 | 2 | <1 | <1 |
| OB7062 | | <10 | <1 | 0.13 | 30 | 0.01 | 29 | 1 | <0.01 | 1 | 150 | 43 | 0.01 | <2 | 1 | 2 |
| OB7063 | | <10 | <1 | 0.08 | 10 | <0.01 | 48 | 1 | <0.01 | 6 | 190 | 10 | <0.01 | <2 | 1 | 1 |
| OB7064 | | <10 | <1 | 0.05 | 10 | 0.01 | 79 | <1 | <0.01 | 3 | 50 | 5 | <0.01 | <2 | <1 | 1 |
| OB7065 | | <10 | <1 | 0.06 | 10 | 0.01 | 13 | 1 | <0.01 | 1 | 40 | 10 | <0.01 | <2 | <1 | 1 |
| OB7066 | | <10 | <1 | 0.01 | <10 | <0.01 | 85 | 1 | <0.01 | 3 | 80 | 37 | <0.01 | <2 | <1 | 1 |
| OB7067 | | <10 | <1 | 0.07 | 10 | <0.01 | 13 | 1 | <0.01 | 2 | 60 | 77 | 0.01 | <2 | <1 | 1 |
| OB7068 | | <10 | <1 | 0.11 | 20 | 0.01 | 40 | 1 | <0.01 | 1 | 80 | 63 | 0.04 | <2 | <1 | 2 |
| OB7069 | | <10 | <1 | 0.07 | 10 | <0.01 | 7 | 4 | <0.01 | 29 | 100 | 13 | 1.42 | <2 | <1 | 2 |
| OB7070 | | <10 | <1 | 0.05 | 10 | <0.01 | 41 | 2 | <0.01 | 22 | 120 | 9 | 0.78 | <2 | <1 | 2 |
| OB7071 | | <10 | <1 | 0.12 | 10 | 0.01 | 9 | 3 | <0.01 | 2 | 180 | 10 | 0.05 | <2 | <1 | 4 |
| OB7072 | | <10 | <1 | 0.08 | <10 | <0.01 | 39 | 2 | <0.01 | 2 | 110 | 21 | 0.10 | <2 | <1 | 3 |
| OB7073 | | <10 | <1 | 0.08 | 10 | <0.01 | 10 | 3 | <0.01 | 2 | 180 | 17 | 0.04 | <2 | <1 | 4 |
| OB7074 | | <10 | <1 | 0.08 | <10 | <0.01 | 31 | 4 | <0.01 | 1 | 100 | 12 | 0.09 | <2 | <1 | 1 |
| OB7075 | | <10 | <1 | 0.08 | 10 | <0.01 | 9 | 1 | <0.01 | 2 | 80 | 15 | 0.01 | <2 | <1 | 1 |
| OB7076 | | <10 | <1 | 0.01 | <10 | <0.01 | 68 | 1 | <0.01 | 3 | 50 | 2 | <0.01 | <2 | <1 | <1 |
| OB7077 | | <10 | <1 | 0.04 | 10 | 0.01 | 90 | 1 | <0.01 | 4 | 70 | 57 | 0.01 | <2 | 1 | 1 |
| OB7078 | | <10 | <1 | 0.05 | <10 | 0.09 | 1055 | <1 | <0.01 | 5 | 20 | 12 | 0.19 | <2 | 1 | 11 |
| OB7079 | | <10 | <1 | 0.13 | 10 | 0.01 | 13 | <1 | <0.01 | 3 | 100 | 81 | <0.01 | <2 | <1 | 2 |
| OB7080 | | <10 | <1 | 0.02 | <10 | <0.01 | 68 | 1 | <0.01 | 3 | 140 | 298 | 0.01 | 2 | <1 | 1 |
| OB7081 | | <10 | <1 | 0.11 | 10 | 0.01 | 17 | <1 | <0.01 | 3 | 110 | 148 | 0.01 | <2 | <1 | 2 |
| OB7082 | | <10 | 1 | 0.13 | 20 | 0.03 | 348 | <1 | <0.01 | 7 | 180 | 2330 | 0.05 | 110 | 1 | 3 |
| OB7083 | | <10 | <1 | 0.14 | 20 | 0.01 | 388 | <1 | <0.01 | 9 | 280 | 16 | <0.01 | <2 | 1 | 1 |
| OB7084 | | <10 | <1 | 0.03 | <10 | <0.01 | 55 | 4 | <0.01 | 5 | 340 | 1400 | 0.03 | 26 | <1 | <1 |
| OB7085 | | <10 | <1 | 0.02 | <10 | <0.01 | 10 | 1 | <0.01 | 2 | 20 | 114 | <0.01 | 3 | <1 | <1 |
| OB7086 | | <10 | <1 | 0.02 | <10 | <0.01 | 61 | 1 | <0.01 | 2 | 40 | 49 | <0.01 | <2 | <1 | <1 |
| OB7087 | | <10 | <1 | 0.02 | <10 | <0.01 | 16 | 1 | <0.01 | 1 | 20 | 90 | <0.01 | 4 | <1 | 1 |
| OB7088 | | <10 | <1 | 0.08 | 10 | 0.01 | 50 | 4 | <0.01 | 9 | 120 | 1735 | 0.10 | 2 | <1 | 1 |
| OB7089 | | <10 | <1 | 0.06 | <10 | <0.01 | 31 | 6 | <0.01 | 30 | 60 | 56 | 4.02 | <2 | <1 | 1 |
| OB7090 | | <10 | 11 | 0.10 | 10 | 0.05 | 94 | 4 | 0.01 | 11 | 50 | 27 | 0.09 | 812 | <1 | 8 |

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS **VA03022027**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | Ga ppm 10 | Hg ppm 1 | K % 0.01 | La ppm 10 | Mg % 0.01 | Mn ppm 5 | Mo ppm 1 | Na % 0.01 | NI ppm 1 | P ppm 10 | Pb ppm 2 | S % 0.01 | Sb ppm 2 | Sc ppm 1 | Sr ppm 1 |
| OB7091 | | <10 | <1 | 0.04 | <10 | <0.01 | 9 | 6 | 0.01 | 19 | 50 | 51 | 0.88 | 4 | <1 | 1 |

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Date : 7-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03022027

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ti % 0.01 | ME-ICP41 Ti ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 |
|--------------------|-----------------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|
| OB1375 | | <0.01 | <10 | <10 | 1 | <10 | 60 |
| OB1376 | | <0.01 | <10 | <10 | 2 | <10 | 23 |
| OB1377 | | <0.01 | <10 | <10 | 1 | <10 | 17 |
| OB1378 | | <0.01 | <10 | <10 | 1 | <10 | 12 |
| OB1379 | | <0.01 | <10 | <10 | 1 | <10 | 6 |
| OB1380 | | <0.01 | <10 | <10 | 1 | <10 | 7 |
| OB1381 | | <0.01 | <10 | <10 | 1 | <10 | 16 |
| OB1382 | | <0.01 | <10 | <10 | 1 | <10 | 5 |
| OB1383 | | <0.01 | <10 | <10 | 1 | <10 | 2 |
| OB1384 | | <0.01 | <10 | <10 | 1 | <10 | 8 |
| OB1385 | | <0.01 | <10 | <10 | 1 | <10 | 11 |
| OB1386 | | <0.01 | <10 | <10 | <1 | <10 | 53 |
| OB1387 | | <0.01 | <10 | <10 | 2 | <10 | 17 |
| OB1388 | | <0.01 | <10 | <10 | 1 | <10 | 254 |
| OB1389 | | <0.01 | <10 | <10 | 1 | <10 | 5 |
| OB1390 | | <0.01 | <10 | <10 | 1 | <10 | 96 |
| OB1391 | | <0.01 | <10 | <10 | 1 | <10 | 74 |
| OB1392 | | <0.01 | <10 | <10 | 1 | <10 | 10 |
| OB1393 | | <0.01 | <10 | <10 | 2 | <10 | 28 |
| OB1394 | | <0.01 | <10 | <10 | 1 | <10 | 2 |
| OB1395 | | <0.01 | <10 | <10 | 2 | <10 | 20 |
| OB1396 | | <0.01 | <10 | <10 | 1 | <10 | 13 |
| OB1397 | | <0.01 | <10 | <10 | 1 | <10 | 49 |
| OB1398 | | <0.01 | <10 | <10 | 2 | <10 | 38 |
| OB1399 | | <0.01 | <10 | <10 | <1 | <10 | 26 |
| OB1400 | | <0.01 | <10 | <10 | 1 | <10 | 105 |
| OB1401 | | <0.01 | <10 | <10 | 1 | <10 | 28 |
| OB1402 | | <0.01 | <10 | <10 | 1 | <10 | 64 |
| OB1403 | | <0.01 | <10 | <10 | 2 | <10 | 39 |
| OB1404 | | <0.01 | <10 | <10 | <1 | <10 | 28 |
| OB1405 | | <0.01 | <10 | <10 | 1 | <10 | 14 |
| OB1406 | | <0.01 | <10 | <10 | 1 | <10 | 15 |
| OB1407 | | <0.01 | <10 | <10 | 1 | <10 | 11 |
| OB1408 | | <0.01 | <10 | <10 | 1 | <10 | 7 |
| OB1409 | | <0.01 | <10 | <10 | <1 | <10 | 2 |
| OB7046 | | <0.01 | <10 | <10 | 1 | <10 | 2 |
| OB7047 | | <0.01 | <10 | <10 | <1 | <10 | 2 |
| OB7048 | | <0.01 | <10 | <10 | <1 | <10 | <2 |
| OB7049 | | <0.01 | <10 | <10 | 1 | <10 | 6 |
| OB7050 | | <0.01 | <10 | <10 | 1 | <10 | 2 |



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Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03022027

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ti % 0.01 | ME-ICP41 Ti ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 |
|--------------------|-----------------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|
| OB7051 | | <0.01 | <10 | <10 | 1 | <10 | 9 |
| OB7052 | | <0.01 | <10 | <10 | <1 | <10 | 6 |
| OB7053 | | <0.01 | <10 | <10 | 2 | <10 | 47 |
| OB7054 | | <0.01 | <10 | <10 | 1 | <10 | 6 |
| OB7055 | | <0.01 | <10 | <10 | 1 | <10 | 172 |
| OB7056 | | <0.01 | <10 | <10 | 1 | <10 | 132 |
| OB7057 | | <0.01 | <10 | <10 | 1 | <10 | 8 |
| OB7058 | | <0.01 | <10 | <10 | 1 | <10 | 21 |
| OB7059 | | <0.01 | <10 | <10 | 1 | <10 | 42 |
| OB7060 | | <0.01 | <10 | <10 | 1 | <10 | 16 |
| OB7061 | | <0.01 | <10 | <10 | 1 | <10 | 38 |
| OB7062 | | <0.01 | <10 | <10 | 1 | <10 | 20 |
| OB7063 | | <0.01 | <10 | <10 | 1 | <10 | 31 |
| OB7064 | | <0.01 | <10 | <10 | 1 | <10 | 6 |
| OB7065 | | <0.01 | <10 | <10 | 1 | <10 | <2 |
| OB7066 | | <0.01 | <10 | <10 | <1 | <10 | 8 |
| OB7067 | | <0.01 | <10 | <10 | <1 | <10 | 10 |
| OB7068 | | <0.01 | <10 | <10 | 1 | <10 | 10 |
| OB7069 | | <0.01 | <10 | <10 | 1 | <10 | <2 |
| OB7070 | | <0.01 | <10 | <10 | 1 | <10 | <2 |
| OB7071 | | <0.01 | <10 | <10 | 2 | <10 | 2 |
| OB7072 | | <0.01 | <10 | <10 | 1 | <10 | 2 |
| OB7073 | | <0.01 | <10 | <10 | 2 | <10 | 5 |
| OB7074 | | <0.01 | <10 | <10 | 3 | <10 | 5 |
| OB7075 | | <0.01 | <10 | <10 | 1 | <10 | 6 |
| OB7076 | | <0.01 | <10 | <10 | <1 | <10 | 11 |
| OB7077 | | <0.01 | <10 | <10 | 1 | <10 | 40 |
| OB7078 | | <0.01 | <10 | <10 | 1 | <10 | 33 |
| OB7079 | | <0.01 | <10 | <10 | 2 | <10 | 20 |
| OB7080 | | <0.01 | <10 | <10 | 1 | <10 | 15 |
| OB7081 | | <0.01 | <10 | <10 | 1 | <10 | 17 |
| OB7082 | | <0.01 | <10 | <10 | 2 | <10 | 319 |
| OB7083 | | <0.01 | <10 | <10 | 1 | <10 | 134 |
| OB7084 | | <0.01 | <10 | <10 | 1 | <10 | 31 |
| OB7085 | | <0.01 | <10 | <10 | 1 | <10 | <2 |
| OB7086 | | <0.01 | <10 | <10 | <1 | <10 | 5 |
| OB7087 | | <0.01 | <10 | <10 | <1 | <10 | <2 |
| OB7088 | | <0.01 | <10 | <10 | 2 | <10 | 1165 |
| OB7089 | | <0.01 | <10 | 10 | 2 | <10 | 15 |
| OB7090 | | <0.01 | <10 | <10 | 3 | <10 | 213 |

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Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS**VA03022027**

| Sample Description | Method | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|--------------|-----------|-----------|-----------|----------|-----------|----------|
| | Analyte | Ti | Ti | U | V | W | Zn |
| | Units LOR | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| OB7091 | | <0.01 | <10 | <10 | 2 | <10 | 13 |

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Date : 30-Jun-2003
Account: NJY*Zinger***CERTIFICATE VA03022081**

Project : Cranbrook Gold

P.O. No:

This report is for 2 ROCK samples submitted to our lab in North Vancouver, BC, Canada
on 24-Jun-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| SPL-21 | Split sample - riffle splitter |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

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Signature:

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Date : 30-Jun-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03022081

| Sample Description | Method Analyte Units LOR | WEI-21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-AA25 | Au-AA25D |
|--------------------|-----------------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-----------------------|----------------------|-------------------|-------------------|----------|
| | | Recvd Wt kg 0.02 | Au Total ppm 0.05 | Au (+) F ppm 0.05 | Au (-) F ppm 0.05 | Au (+) m mg 0.001 | WT. + Fr g 0.01 | WT. - Fr g 0.1 | Au ppm 0.01 | Au ppm 0.01 | |
| OB1198 | | | 14.70 | 45.2 | 13.50 | 0.783 | 17.31 | 432.7 | 14.25 | 12.75 | |
| OB1207 | | | 16.75 | 3.79 | 17.35 | 0.094 | 24.80 | 553.7 | 17.35 | 17.35 | |

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Date : 30-Jun-2003

Account: NJY

CERTIFICATE VA03022505*Zinger*

Project :

P.O. No:

This report is for 1 ^{rock} DRILL CORE sample submitted to our lab in North Vancouver, BC, Canada on 26-Jun-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| SPL-21 | Split sample - riffle splitter |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

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Account: NJY

CERTIFICATE OF ANALYSIS VA03022505

| Sample Description | Method Analyte Units LOR | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-AA25 | Au-AA25D |
|--------------------|-----------------------------------|-------------|-------------|-------------|-------------|-----------|----------|-------------|-------------|
| | | Au Total | Au (+) F | Au (-) F | Au (+) m | WT. + Fr | WT. - Fr | Au | Au |
| | | ppm 0.05 | ppm 0.05 | ppm 0.05 | mg 0.001 | g 0.01 | g 0.1 | ppm 0.01 | ppm 0.01 |
| OB1221 | | 3.51 | 1.99 | 3.58 | 0.053 | 28.60 | 620.0 | 3.66 | 3.49 |

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Date : 30-Jun-2003

Account: NJY

*Zinger***CERTIFICATE VA03022506**

Project : Cranbrook Gold

P.O. No:

This report is for 2 ^{rock} ~~DRILL CORE~~ samples submitted to our lab in North Vancouver, BC, Canada on 26-Jun-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| SPL-21 | Split sample - riffle splitter |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

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Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03022506

| Sample Description | Method Analyte Units LOR | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-AA25 | Au-AA25D |
|--------------------|-----------------------------------|-------------|-------------|-------------|-------------|-----------|----------|-------------|-------------|
| | | Au Total | Au (+) F | Au (-) F | Au (+) m | WT. + Fr | WT. - Fr | Au | Au |
| | | ppm 0.05 | ppm 0.05 | ppm 0.05 | mg 0.001 | g 0.01 | g 0.1 | ppm 0.01 | ppm 0.01 |
| GD1027 | | 1.61 | 2.91 | 1.57 | 0.070 | 24.07 | 640.0 | 1.64 | 1.49 |
| OB1320 | | 3.28 | 1.36 | 3.32 | 0.015 | 11.02 | 640.0 | 3.46 | 3.17 |

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Page #: 1

Date : 3-Jul-2003

Account: NJY

CERTIFICATE VA03022570

Project : Cranbrook Gold

P.O. No:

This report is for 10 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 26-Jun-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

*Zinger***SAMPLE PREPARATION**

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

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Date : 3-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03022570

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| OB 7092 | | 1.42 | 0.039 | 0.3 | 0.06 | 2 | <10 | 230 | <0.5 | 2 | <0.01 | <0.5 | 38 | 218 | 27 | 2.59 |
| OB 7093 | | 1.80 | 0.046 | 0.5 | 0.09 | <2 | 10 | 140 | <0.5 | 3 | <0.01 | <0.5 | 18 | 172 | 11 | 1.98 |
| OB 7094 | | 1.08 | <0.005 | <0.2 | 0.01 | <2 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 2 | 242 | 9 | 0.55 |
| OB 7095 | | 1.44 | <0.005 | <0.2 | 0.24 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 1 | 102 | 4 | 0.28 |
| OB 7096 | | 1.12 | 0.008 | <0.2 | 0.07 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 10 | 9 | 1.14 |
| OB 7097 | | 1.68 | 0.802 | <0.2 | 0.16 | 134 | <10 | 20 | 2.0 | 8 | 0.01 | 18.8 | 72 | 27 | 112 | >15 |
| OB 7098 | | 1.42 | 0.029 | <0.2 | 0.09 | 4 | <10 | 10 | <0.5 | 2 | <0.01 | <0.5 | 3 | 9 | 10 | 1.42 |
| OB 7099 | | 1.38 | 3.53 | 0.7 | 0.06 | 8 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 8 | 22 | 979 | 3.36 |
| OB 7100 | | 1.48 | 0.011 | 0.2 | 0.02 | 11 | <10 | 40 | <0.5 | <2 | <0.01 | <0.5 | 109 | 16 | 12 | 2.80 |
| OB 7101 | | 1.38 | 0.836 | 3.3 | 0.02 | 8 | <10 | <10 | <0.5 | 9 | <0.01 | <0.5 | 8 | 15 | 179 | 1.44 |

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Date : 3-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03022570

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 |
|--------------------|-----------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| OB 7092 | | <10 | 1 | 0.05 | 30 | <0.01 | 10 | 9 | <0.01 | 35 | 650 | 13 | 0.02 | <2 | <1 | 5 |
| OB 7093 | | <10 | <1 | 0.08 | 40 | 0.01 | 8 | 11 | 0.01 | 20 | 3280 | 20 | 0.05 | <2 | 1 | 11 |
| OB 7094 | | <10 | <1 | 0.01 | <10 | <0.01 | 18 | 5 | <0.01 | 14 | 50 | 6 | <0.01 | <2 | <1 | <1 |
| OB 7095 | | <10 | <1 | 0.18 | 30 | 0.06 | 29 | 2 | <0.01 | 6 | 50 | 2 | <0.01 | <2 | <1 | 1 |
| OB 7096 | | <10 | <1 | 0.05 | 10 | <0.01 | 8 | <1 | <0.01 | 1 | 130 | 34 | <0.01 | <2 | <1 | 1 |
| OB 7097 | | <10 | 1 | 0.06 | 60 | 0.04 | 54 | 484 | <0.01 | 50 | 2730 | 1255 | 0.02 | <2 | <1 | 6 |
| OB 7098 | | <10 | <1 | 0.07 | 10 | <0.01 | 12 | 18 | <0.01 | 3 | 120 | 120 | <0.01 | <2 | <1 | 1 |
| OB 7099 | | <10 | <1 | 0.01 | <10 | 0.05 | 233 | 1 | <0.01 | 43 | 210 | 527 | <0.01 | <2 | 1 | 1 |
| OB 7100 | | <10 | <1 | 0.01 | <10 | 0.01 | 22 | <1 | 0.01 | 23 | 30 | 34 | 1.01 | <2 | <1 | 2 |
| OB 7101 | | <10 | <1 | <0.01 | <10 | <0.01 | 191 | <1 | <0.01 | 9 | 90 | 612 | 0.01 | <2 | <1 | <1 |

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Page # 2 - C

Total # of pages : 2 (A - C)

Date : 3-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03022570

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ti | Ti | U | V | W | Zn |
| | | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| OB 7092 | | <0.01 | <10 | <10 | 2 | <10 | 4 |
| OB 7093 | | <0.01 | <10 | <10 | 2 | <10 | 3 |
| OB 7094 | | <0.01 | <10 | <10 | 2 | <10 | <2 |
| OB 7095 | | <0.01 | <10 | <10 | 2 | <10 | 5 |
| OB 7096 | | <0.01 | <10 | <10 | 1 | <10 | 2 |
| OB 7097 | | <0.01 | <10 | 50 | 14 | <10 | 345 |
| OB 7098 | | <0.01 | <10 | <10 | 1 | <10 | 22 |
| OB 7099 | | <0.01 | <10 | <10 | 34 | <10 | 6 |
| OB 7100 | | <0.01 | <10 | <10 | 2 | <10 | 5 |
| OB 7101 | | <0.01 | <10 | <10 | 17 | <10 | 3 |

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Page #: 1

Date : 9-Jul-2003

Account: NJY

CERTIFICATE VA03022571

Project : Cranbrook Gold

P.O. No:

This report is for 17 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 26-Jun-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

*Zinger***SAMPLE PREPARATION**

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
104-135 10TH AVE S
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

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Page # 2 - A

Total # of pages : 2 (A - C)

Date : 9-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03022571

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| OB 1410 | | 1.30 | 0.129 | 0.2 | 0.10 | 3 | <10 | 120 | <0.5 | <2 | 0.01 | <0.5 | 6 | 10 | 24 | 2.31 |
| OB 1411 | | 1.08 | <0.005 | <0.2 | 0.53 | <2 | <10 | 60 | <0.5 | <2 | 0.02 | <0.5 | 4 | 10 | 3 | 1.32 |
| OB 1412 | | 1.12 | <0.005 | <0.2 | 0.06 | <2 | <10 | 60 | <0.5 | <2 | 0.01 | <0.5 | 2 | 9 | 2 | 0.95 |
| OB 1413 | | 1.56 | 0.020 | <0.2 | 0.13 | 4 | <10 | 30 | <0.5 | <2 | 0.11 | <0.5 | 3 | 12 | 12 | 1.21 |
| OB 1414 | | 0.70 | 0.048 | 0.2 | 0.16 | 3 | <10 | 330 | <0.5 | 2 | <0.01 | <0.5 | 14 | 8 | 94 | 4.27 |
| OB 1415 | | 2.06 | 0.092 | <0.2 | 0.26 | 2 | <10 | 60 | <0.5 | <2 | 0.04 | <0.5 | 2 | 6 | 3 | 0.67 |
| OB 1416 | | 2.50 | 0.036 | 5.3 | 0.14 | 2 | <10 | 100 | <0.5 | 8 | 0.02 | 6.4 | 2 | 6 | 3 | 0.54 |
| OB 1417 | | 1.26 | 0.293 | 0.7 | 0.22 | 7 | <10 | 440 | <0.5 | 3 | 0.10 | 2.5 | 9 | 9 | 39 | 2.17 |
| OB 1418 | | 1.40 | 0.280 | 0.4 | 0.24 | 18 | <10 | 10 | 0.6 | 3 | <0.01 | 4.0 | 23 | 16 | 64 | >15.0 |
| OB 1419 | | 1.42 | 0.553 | 0.6 | 0.18 | 17 | <10 | 560 | 0.8 | <2 | <0.01 | 8.3 | 32 | 20 | 140 | >15.0 |
| OB 1420 | | 0.84 | 0.021 | 0.4 | 0.06 | 27 | <10 | 30 | <0.5 | <2 | <0.01 | <0.5 | 114 | 17 | 24 | 3.74 |
| OB 1421 | | 1.44 | 0.009 | 0.2 | 0.08 | 9 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 72 | 19 | 18 | 1.98 |
| OB 1422 | | 1.62 | 0.006 | <0.2 | 0.10 | 5 | <10 | 20 | <0.5 | <2 | 0.01 | <0.5 | 85 | 18 | 10 | 2.05 |
| OB 1423 | | 1.22 | <0.005 | 0.2 | 0.37 | 19 | <10 | 20 | <0.5 | <2 | 0.01 | <0.5 | 81 | 15 | 7 | 2.07 |
| OB 1424 | | 1.32 | <0.005 | <0.2 | 0.52 | 3 | <10 | 70 | <0.5 | <2 | 0.01 | <0.5 | 5 | 4 | 1 | 1.25 |
| OB 1425 | | 1.28 | <0.005 | <0.2 | 0.76 | <2 | <10 | 40 | <0.5 | <2 | 0.02 | <0.5 | 3 | 9 | 3 | 1.00 |
| OB 1426 | | 1.14 | <0.005 | <0.2 | 0.05 | 7 | <10 | 40 | <0.5 | <2 | <0.01 | <0.5 | 29 | 13 | 2 | 1.60 |

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Page #: 2 - B

Total # of pages : 2 (A - C)

Date : 9-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03022571

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 |
|--------------------|-----------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| OB 1410 | | <10 | <1 | 0.04 | <10 | 0.06 | 762 | <1 | <0.01 | 7 | 130 | 166 | <0.01 | <2 | <1 | 1 |
| OB 1411 | | <10 | <1 | 0.11 | 20 | 0.42 | 321 | <1 | <0.01 | 7 | 120 | 2 | <0.01 | <2 | <1 | 2 |
| OB 1412 | | <10 | <1 | 0.02 | <10 | 0.02 | 589 | <1 | <0.01 | 1 | 80 | 4 | <0.01 | <2 | <1 | 1 |
| OB 1413 | | <10 | <1 | 0.09 | 20 | 0.03 | 179 | <1 | <0.01 | 3 | 600 | 15 | <0.01 | <2 | <1 | 4 |
| OB 1414 | | <10 | <1 | 0.11 | 20 | 0.03 | 2070 | 1 | 0.01 | 13 | 200 | 492 | <0.01 | <2 | 1 | 2 |
| OB 1415 | | <10 | <1 | 0.21 | 20 | 0.03 | 136 | <1 | <0.01 | 2 | 250 | 12 | <0.01 | <2 | <1 | 3 |
| OB 1416 | | <10 | <1 | 0.11 | 20 | 0.01 | 77 | <1 | <0.01 | 2 | 170 | 667 | 0.05 | <2 | <1 | 3 |
| OB 1417 | | <10 | <1 | 0.15 | 30 | 0.04 | 2900 | 1 | 0.01 | 4 | 740 | 4190 | 0.01 | <2 | 1 | 6 |
| OB 1418 | | <10 | <1 | 0.13 | 20 | 0.01 | 18 | 229 | <0.01 | 10 | 990 | 376 | 0.01 | <2 | <1 | 3 |
| OB 1419 | | <10 | <1 | 0.09 | <10 | 0.02 | 21 | 161 | 0.01 | 15 | 2000 | 567 | 0.03 | <2 | <1 | 3 |
| OB 1420 | | <10 | <1 | 0.01 | <10 | 0.04 | 25 | <1 | 0.01 | 18 | 60 | 46 | 0.51 | <2 | <1 | 3 |
| OB 1421 | | <10 | <1 | 0.01 | <10 | 0.06 | 28 | <1 | <0.01 | 13 | 50 | 25 | 0.05 | <2 | <1 | 2 |
| OB 1422 | | <10 | <1 | 0.02 | <10 | 0.06 | 198 | <1 | <0.01 | 17 | 40 | 14 | 0.10 | <2 | 1 | 2 |
| OB 1423 | | <10 | <1 | 0.09 | <10 | 0.29 | 44 | <1 | 0.01 | 18 | 40 | 17 | 0.12 | <2 | <1 | 3 |
| OB 1424 | | <10 | <1 | 0.15 | 40 | 0.07 | 158 | <1 | <0.01 | 14 | 140 | <2 | <0.01 | <2 | 1 | 3 |
| OB 1425 | | <10 | <1 | 0.16 | 40 | 0.54 | 67 | <1 | <0.01 | 11 | 80 | <2 | <0.01 | <2 | <1 | 3 |
| OB 1426 | | <10 | <1 | 0.03 | 10 | <0.01 | 51 | <1 | 0.01 | 16 | 50 | 14 | 0.01 | <2 | <1 | 3 |

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Page # 2 - C

Total # of pages : 2 (A - C)

Date : 9-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03022571

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ti | Ti | U | V | W | Zn |
| | | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| OB 1410 | | <0.01 | <10 | <10 | 2 | <10 | 22 |
| OB 1411 | | <0.01 | <10 | <10 | 3 | <10 | 43 |
| OB 1412 | | <0.01 | <10 | <10 | 1 | <10 | 6 |
| OB 1413 | | <0.01 | <10 | <10 | 1 | <10 | 24 |
| OB 1414 | | <0.01 | <10 | 10 | 1 | <10 | 80 |
| OB 1415 | | <0.01 | <10 | <10 | 2 | <10 | 9 |
| OB 1416 | | <0.01 | <10 | <10 | 1 | <10 | 587 |
| OB 1417 | | <0.01 | <10 | 10 | 2 | <10 | 407 |
| OB 1418 | | <0.01 | <10 | 10 | 3 | <10 | 135 |
| OB 1419 | | <0.01 | <10 | 30 | 3 | <10 | 128 |
| OB 1420 | | <0.01 | <10 | <10 | 4 | <10 | 19 |
| OB 1421 | | <0.01 | <10 | <10 | 4 | <10 | 3 |
| OB 1422 | | <0.01 | <10 | <10 | 4 | <10 | 4 |
| OB 1423 | | <0.01 | <10 | <10 | 4 | <10 | 6 |
| OB 1424 | | <0.01 | <10 | <10 | 2 | <10 | 14 |
| OB 1425 | | <0.01 | <10 | <10 | 5 | <10 | 16 |
| OB 1426 | | <0.01 | <10 | <10 | 1 | <10 | 5 |



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Page #: 1
Date : 4-Jul-2003
Account: NJY

Zinger

CERTIFICATE VA03022577

Project : Cranbrook Gold
P.O. No:
This report is for 16 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 26-Jun-2003.
The following have access to data associated with this certificate:
ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

[Signature]

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Page 2 - A

Total # of pages : 2 (A - C)

Date : 4-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03022577

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| GD 1098 | | 1.24 | <0.005 | <0.2 | 0.17 | 2 | <10 | 30 | <0.5 | <2 | 0.02 | <0.5 | 3 | 201 | 7 | 0.85 |
| GD 1099 | | 1.14 | 0.153 | <0.2 | 0.24 | 2 | <10 | 110 | <0.5 | <2 | 0.01 | <0.5 | 3 | 180 | 10 | 1.10 |
| GD 1100 | | 1.28 | <0.005 | <0.2 | 0.14 | <2 | <10 | 60 | <0.5 | <2 | 0.04 | <0.5 | 2 | 142 | 7 | 0.64 |
| GD 1101 | | 1.22 | <0.005 | <0.2 | 0.29 | <2 | <10 | 40 | <0.5 | <2 | 0.02 | <0.5 | 3 | 93 | 6 | 0.62 |
| GD 1103 | | 1.04 | 0.094 | <0.2 | 0.18 | <2 | <10 | 1540 | <0.5 | <2 | 0.01 | <0.5 | 1 | 102 | 4 | 0.45 |
| GD 1104 | | 0.82 | <0.005 | <0.2 | 0.02 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 2 | 201 | 8 | 0.34 |
| GD 1105 | | 0.80 | 0.041 | <0.2 | 0.12 | 5 | 10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 200 | 28 | 0.55 |
| GD 1106 | | 1.52 | <0.005 | <0.2 | 0.22 | <2 | <10 | 30 | <0.5 | <2 | <0.01 | <0.5 | 2 | 77 | 14 | 0.49 |
| GD 1107 | | 1.80 | 0.515 | <0.2 | 0.17 | 69 | <10 | 10 | 1.6 | 3 | <0.01 | 5.2 | 39 | 42 | 55 | >15 |
| GD 1108 | | 1.38 | 0.083 | <0.2 | 0.15 | 10 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 6 | 140 | 6 | 0.95 |
| GD 1109 | | 2.14 | <0.005 | <0.2 | 0.59 | 2 | <10 | 10 | <0.5 | <2 | 0.03 | <0.5 | 3 | 146 | 13 | 0.70 |
| GD 1110 | | 1.72 | <0.005 | <0.2 | 0.37 | <2 | <10 | 20 | <0.5 | <2 | 0.01 | <0.5 | 2 | 155 | 15 | 0.53 |
| GD 1111 | | 1.42 | <0.005 | <0.2 | 0.46 | 3 | <10 | 20 | <0.5 | <2 | 0.01 | <0.5 | 3 | 114 | 8 | 0.53 |
| GD 1112 | | 1.86 | 0.054 | <0.2 | 0.40 | 2 | <10 | 20 | <0.5 | <2 | 0.01 | <0.5 | 2 | 78 | 5 | 0.54 |
| GD 1113 | | 1.80 | <0.005 | <0.2 | 1.16 | 2 | <10 | 20 | <0.5 | <2 | 0.04 | <0.5 | 4 | 120 | 4 | 0.97 |

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Page #: 2 - C

Total # of pages : 2 (A - C)

Date : 4-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS**VA03022577**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ti | Ti | U | V | W | Zn |
| | | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| GD 1098 | | <0.01 | <10 | <10 | 3 | <10 | 20 |
| GD 1099 | | <0.01 | <10 | <10 | 4 | <10 | 15 |
| GD 1100 | | <0.01 | <10 | <10 | 2 | <10 | 5 |
| GD 1101 | | <0.01 | <10 | <10 | 3 | <10 | 18 |
| GD 1103 | | <0.01 | <10 | <10 | 1 | <10 | 3 |
| GD 1104 | | <0.01 | <10 | <10 | 1 | <10 | <2 |
| GD 1105 | | <0.01 | <10 | <10 | 2 | <10 | 7 |
| GD 1106 | | <0.01 | <10 | <10 | 2 | <10 | 8 |
| GD 1107 | | <0.01 | <10 | 30 | 6 | <10 | 411 |
| GD 1108 | | <0.01 | <10 | <10 | 2 | <10 | 6 |
| GD 1109 | | <0.01 | <10 | <10 | 3 | <10 | 13 |
| GD 1110 | | <0.01 | <10 | <10 | 4 | <10 | 8 |
| GD 1111 | | <0.01 | <10 | <10 | 3 | <10 | 13 |
| GD 1112 | | <0.01 | <10 | <10 | 2 | <10 | 10 |
| GD 1113 | | <0.01 | <10 | <10 | 10 | <10 | 17 |

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Page # : 1

Date : 7-Jul-2003

Account: NJY

*Zinger***CERTIFICATE VA03022578**

Project : Cranbrook Gold

P.O. No:

This report is for 42 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 26-Jun-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rod w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulvertze 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: *[Signature]*



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Page #: 2 - A

Total # of pages : 3 (A - C)

Date : 7-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS

VA03022578

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| OB 1427 | | 1.40 | 0.023 | <0.2 | 0.12 | 4 | <10 | 10 | <0.5 | <2 | 0.01 | <0.5 | 2 | 6 | 2 | 0.58 |
| OB 1428 | | 1.28 | <0.005 | <0.2 | 0.02 | 2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 13 | 1 | 0.72 |
| OB 1429 | | 1.20 | <0.005 | <0.2 | 0.37 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 2 | 8 | 1 | 0.52 |
| OB 1430 | | 0.82 | <0.005 | <0.2 | 0.90 | <2 | <10 | 20 | <0.5 | <2 | 0.01 | <0.6 | 7 | 9 | 1 | 1.30 |
| OB 1431 | | 1.12 | 0.005 | <0.2 | 0.40 | <2 | <10 | 30 | <0.5 | <2 | 0.01 | <0.6 | 6 | 4 | <1 | 1.68 |
| OB 1432 | | 1.20 | 0.008 | <0.2 | 0.28 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | 0.5 | 9 | 5 | 1 | 3.17 |
| OB 1433 | | 1.70 | 0.009 | <0.2 | 0.37 | <2 | <10 | 20 | <0.5 | <2 | 0.02 | <0.5 | 6 | 8 | 1 | 1.98 |
| OB 1434 | | 1.94 | <0.005 | <0.2 | 0.65 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 3 | 12 | 1 | 0.89 |
| OB 1435 | | 2.24 | <0.005 | <0.2 | 1.48 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 7 | 12 | 1 | 1.34 |
| OB 1436 | | 1.56 | <0.005 | <0.2 | 0.23 | <2 | <10 | 40 | <0.5 | <2 | <0.01 | <0.5 | 1 | 8 | 2 | 0.69 |
| OB 1437 | | 1.94 | <0.005 | 0.4 | 0.02 | 30 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 4 | 10 | 6 | 0.81 |
| OB 1438 | | 1.16 | <0.005 | 0.3 | 0.01 | 10 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 4 | 13 | 3 | 0.92 |
| OB 1439 | | 1.40 | <0.005 | <0.2 | 0.02 | <2 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | <1 | 10 | 1 | 0.43 |
| OB 1440 | | 0.78 | 0.058 | 1.6 | 0.01 | 36 | <10 | <10 | <0.5 | <2 | <0.01 | 0.9 | 262 | 12 | 19 | 5.36 |
| OB 1441 | | 1.06 | <0.005 | 0.4 | 0.01 | 13 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 4 | 9 | 8 | 1.98 |
| OB 1442 | | 1.30 | <0.005 | 0.3 | 0.06 | 21 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 3 | 15 | 4 | 1.44 |
| OB 7102 | | 1.88 | 0.006 | <0.2 | 0.08 | 2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 25 | 9 | 3 | 1.48 |
| OB 7103 | | 1.32 | 0.015 | <0.2 | 0.10 | 2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 7 | 7 | 1 | 1.17 |
| OB 7104 | | 1.70 | <0.005 | <0.2 | 0.10 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | <1 | 7 | 1 | 0.45 |
| OB 7105 | | 1.42 | 0.184 | 0.2 | 0.07 | 8 | <10 | 60 | <0.5 | 6 | 0.04 | 1.1 | 307 | 10 | 12 | 6.30 |
| OB 7106 | | 0.88 | 0.009 | <0.2 | 0.18 | <2 | 10 | 100 | <0.5 | 2 | 3.10 | <0.5 | 9 | 8 | 2 | 2.17 |
| OB 7107 | | 2.00 | <0.005 | <0.2 | 0.18 | <2 | <10 | 20 | <0.5 | <2 | 0.11 | <0.5 | 30 | 8 | 2 | 1.37 |
| OB 7108 | | 2.24 | <0.005 | <0.2 | 0.39 | <2 | <10 | 30 | <0.5 | <2 | 0.01 | <0.5 | 1 | 6 | 1 | 0.94 |
| OB 7109 | | 1.86 | <0.005 | <0.2 | 0.55 | <2 | <10 | 60 | <0.5 | <2 | 0.01 | <0.5 | 3 | 6 | 1 | 1.26 |
| OB 7110 | | 1.98 | <0.005 | <0.2 | 0.80 | <2 | <10 | 120 | <0.5 | <2 | <0.01 | <0.5 | 2 | 3 | 2 | 1.62 |
| OB 7111 | | 1.46 | <0.005 | <0.2 | 0.61 | <2 | <10 | 120 | <0.5 | <2 | <0.01 | <0.5 | 2 | 6 | 1 | 1.94 |
| OB 7112 | | 1.80 | 0.447 | <0.2 | 0.12 | <2 | <10 | 70 | <0.5 | <2 | 0.18 | <0.5 | 2 | 124 | 4 | 0.64 |
| OB 7113 | | 1.36 | <0.005 | <0.2 | 0.16 | <2 | <10 | 30 | <0.5 | <2 | 0.04 | <0.5 | 2 | 94 | 6 | 1.14 |
| OB 7114 | | 1.38 | <0.005 | <0.2 | 0.16 | <2 | <10 | 40 | <0.5 | <2 | 0.01 | <0.5 | 2 | 103 | 10 | 0.64 |
| OB 7115 | | 1.30 | <0.005 | <0.2 | 0.32 | <2 | <10 | 40 | <0.5 | <2 | 0.12 | <0.5 | 8 | 74 | 3 | 2.30 |
| OB 7116 | | 1.08 | 0.431 | <0.2 | 0.23 | <2 | <10 | 30 | <0.5 | <2 | <0.01 | <0.5 | 3 | 227 | 9 | 0.88 |
| OB 7117 | | 2.24 | <0.005 | <0.2 | 0.22 | <2 | <10 | 40 | <0.5 | <2 | 0.03 | <0.5 | 5 | 64 | 2 | 1.80 |
| OB 7118 | | 1.64 | 0.029 | <0.2 | 0.23 | <2 | <10 | 60 | <0.5 | <2 | 0.09 | 0.5 | 6 | 127 | 6 | 2.23 |
| OB 7119 | | 1.88 | 0.017 | <0.2 | 0.14 | <2 | <10 | 40 | <0.5 | <2 | 0.02 | <0.5 | 6 | 170 | 8 | 2.54 |
| GD 1114 | | 1.14 | 0.042 | <0.2 | 0.18 | 8 | <10 | 20 | <0.5 | <2 | 0.01 | <0.5 | 2 | 134 | 5 | 0.65 |
| GD 1115 | | 1.34 | 0.083 | <0.2 | 0.15 | 33 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 3 | 134 | 8 | 0.77 |
| GD 1116 | | 1.26 | <0.005 | <0.2 | 0.39 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 30 | 82 | 3 | 1.98 |
| GD 1117 | | 1.66 | <0.005 | <0.2 | 0.39 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 8 | 59 | 2 | 0.90 |
| GD 1118 | | 1.44 | <0.005 | <0.2 | 0.78 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 4 | 42 | 1 | 0.44 |
| GD 1119 | | 1.24 | <0.005 | <0.2 | 0.61 | <2 | <10 | 30 | <0.5 | <2 | <0.01 | <0.5 | 7 | 53 | 1 | 1.48 |

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Page #: 3 - A

Total # of pages : 3 (A - C)

Date : 7-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03022578

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| GD 1120 | | 1.38 | <0.005 | <0.2 | 0.41 | <2 | <10 | 10 | <0.5 | <2 | 0.07 | <0.5 | 2 | 164 | 5 | 0.38 |
| GD 1121 | | 1.56 | <0.005 | 0.2 | 0.21 | <2 | <10 | 10 | <0.5 | <2 | 0.03 | <0.5 | 43 | 120 | 16 | 1.25 |



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Page #: 2 - B

Total # of pages : 3 (A - C)

Date : 7-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03022578

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 |
|--------------------|-----------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| OB 1427 | | <10 | <1 | 0.04 | 20 | 0.01 | 164 | 1 | 0.02 | 2 | 50 | 4 | <0.01 | <2 | <1 | 1 |
| OB 1428 | | <10 | <1 | <0.01 | <10 | 0.01 | 238 | 1 | <0.01 | 2 | 50 | <2 | <0.01 | <2 | <1 | <1 |
| OB 1429 | | <10 | <1 | 0.04 | 10 | 0.55 | 42 | <1 | <0.01 | 2 | 30 | 2 | <0.01 | <2 | <1 | 1 |
| OB 1430 | | <10 | <1 | 0.13 | 20 | 1.07 | 114 | <1 | <0.01 | 9 | 90 | <2 | <0.01 | <2 | 1 | 1 |
| OB 1431 | | <10 | <1 | 0.16 | 40 | 0.04 | 138 | <1 | 0.03 | 11 | 190 | 2 | <0.01 | <2 | 1 | 2 |
| OB 1432 | | <10 | <1 | 0.17 | 10 | 0.03 | 146 | 1 | 0.01 | 14 | 390 | <2 | <0.01 | <2 | 2 | 2 |
| OB 1433 | | <10 | <1 | 0.16 | 20 | 0.16 | 98 | <1 | 0.01 | 12 | 280 | <2 | <0.01 | <2 | 1 | 2 |
| OB 1434 | | <10 | <1 | 0.05 | 20 | 0.93 | 215 | 1 | 0.01 | 5 | 70 | <2 | <0.01 | <2 | 1 | 2 |
| OB 1435 | | <10 | 1 | 0.04 | 20 | 1.96 | 359 | <1 | <0.01 | 9 | 140 | 4 | <0.01 | <2 | 1 | 1 |
| OB 1436 | | <10 | 1 | 0.12 | 20 | 0.03 | 89 | <1 | 0.01 | 3 | 80 | 3 | <0.01 | <2 | 1 | 1 |
| OB 1437 | | <10 | <1 | 0.01 | <10 | <0.01 | 9 | <1 | <0.01 | 2 | 60 | 68 | <0.01 | 4 | <1 | <1 |
| OB 1438 | | <10 | <1 | 0.01 | <10 | <0.01 | 50 | <1 | <0.01 | 2 | 40 | 54 | 0.01 | <2 | <1 | 1 |
| OB 1439 | | <10 | <1 | 0.01 | <10 | <0.01 | 10 | <1 | <0.01 | 1 | 20 | 19 | 0.01 | <2 | <1 | 1 |
| OB 1440 | | <10 | <1 | <0.01 | <10 | <0.01 | 59 | <1 | <0.01 | 50 | 80 | 39 | 2.17 | 2 | <1 | 1 |
| OB 1441 | | <10 | <1 | 0.01 | <10 | <0.01 | 10 | <1 | 0.01 | 2 | 70 | 13 | 0.01 | <2 | <1 | 1 |
| OB 1442 | | <10 | <1 | 0.03 | <10 | <0.01 | 49 | <1 | <0.01 | 3 | 130 | 175 | 0.01 | 2 | <1 | 1 |
| OB 7102 | | <10 | 1 | 0.06 | <10 | 0.01 | 8 | <1 | 0.01 | 8 | 100 | 9 | 0.02 | <2 | <1 | 1 |
| OB 7103 | | <10 | 1 | 0.07 | <10 | 0.01 | 31 | <1 | <0.01 | 3 | 110 | 10 | <0.01 | <2 | <1 | 1 |
| OB 7104 | | <10 | <1 | 0.08 | <10 | 0.01 | 5 | <1 | <0.01 | 2 | 50 | 3 | 0.01 | <2 | <1 | 1 |
| OB 7105 | | <10 | 1 | 0.04 | 10 | 0.02 | 35 | <1 | 0.01 | 154 | 660 | 46 | 0.03 | <2 | <1 | 4 |
| OB 7106 | | <10 | <1 | 0.06 | 10 | 0.06 | 13 | <1 | 0.01 | 7 | >10000 | 14 | 0.23 | <2 | 1 | 39 |
| OB 7107 | | <10 | <1 | 0.11 | 10 | 0.02 | 56 | <1 | <0.01 | 19 | 680 | 4 | <0.01 | <2 | 1 | 3 |
| OB 7108 | | <10 | <1 | 0.03 | 30 | 0.11 | 121 | <1 | 0.04 | 2 | 120 | 4 | <0.01 | <2 | 1 | 2 |
| OB 7109 | | <10 | <1 | 0.04 | 20 | 0.28 | 284 | <1 | 0.03 | 3 | 90 | 4 | <0.01 | <2 | 1 | 2 |
| OB 7110 | | <10 | <1 | 0.12 | 60 | 0.09 | 52 | <1 | 0.03 | 3 | 250 | 4 | <0.01 | <2 | 2 | 3 |
| OB 7111 | | <10 | <1 | 0.01 | 30 | 0.08 | 110 | <1 | 0.02 | 3 | 200 | 3 | <0.01 | <2 | 2 | 2 |
| OB 7112 | | <10 | 1 | 0.10 | 10 | 0.09 | 65 | 2 | 0.01 | 8 | 160 | 4 | 0.18 | <2 | <1 | 11 |
| OB 7113 | | <10 | <1 | 0.04 | 20 | 0.02 | 33 | 1 | 0.06 | 7 | 220 | 10 | 0.05 | <2 | 1 | 3 |
| OB 7114 | | <10 | <1 | 0.02 | 20 | 0.01 | 22 | 1 | 0.08 | 6 | 80 | 13 | 0.01 | <2 | <1 | 2 |
| OB 7115 | | <10 | 1 | 0.10 | 40 | 0.04 | 240 | 1 | 0.09 | 11 | 760 | 5 | <0.01 | <2 | 2 | 5 |
| OB 7116 | | <10 | <1 | 0.17 | 20 | 0.02 | 150 | 4 | 0.01 | 12 | 60 | 7 | 0.01 | <2 | 1 | 1 |
| OB 7117 | | <10 | 1 | 0.06 | 30 | 0.04 | 198 | 1 | 0.07 | 8 | 260 | 4 | 0.01 | <2 | 1 | 3 |
| OB 7118 | | <10 | 1 | 0.14 | 20 | 0.03 | 180 | 2 | 0.03 | 12 | 560 | 38 | <0.01 | <2 | 1 | 6 |
| OB 7119 | | <10 | <1 | 0.03 | 10 | 0.03 | 325 | 4 | 0.06 | 13 | 180 | 3 | <0.01 | <2 | 3 | 2 |
| GD 1114 | | <10 | 1 | 0.08 | 20 | 0.02 | 277 | 2 | 0.02 | 7 | 90 | 6 | <0.01 | <2 | 1 | 1 |
| GD 1115 | | <10 | <1 | 0.09 | 20 | 0.01 | 81 | 2 | 0.01 | 10 | 70 | 14 | <0.01 | <2 | <1 | 1 |
| GD 1116 | | <10 | 1 | 0.18 | 20 | 0.19 | 116 | 1 | 0.01 | 16 | 210 | 3 | <0.01 | <2 | 1 | 2 |
| GD 1117 | | <10 | <1 | 0.12 | 20 | 0.36 | 80 | <1 | <0.01 | 12 | 120 | <2 | <0.01 | <2 | 1 | 1 |
| GD 1118 | | <10 | <1 | 0.18 | 20 | 0.84 | 62 | <1 | <0.01 | 7 | 60 | 2 | <0.01 | <2 | <1 | 1 |
| GD 1119 | | <10 | <1 | 0.18 | 30 | 0.49 | 125 | <1 | 0.01 | 14 | 110 | <2 | <0.01 | <2 | 1 | 2 |

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Date : 7-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS**VA03022578**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|----------|-----------|-----------|-----------|----------|----------|-----------|----------|-----------|----------|-----------|----------|----------|
| | | Ga | Hg | K | La | Mg | Mn | Mo | Na | NI | P | Pb | S | Sb | Sc |
| | | ppm 10 | ppm 1 | % 0.01 | ppm 10 | % 0.01 | ppm 5 | ppm 1 | % 0.01 | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 | ppm 1 |
| GD 1120 | | <10 | <1 | 0.06 | <10 | 0.53 | 50 | 2 | 0.01 | 9 | 350 | 2 | <0.01 | <2 | <1 |
| GD 1121 | | <10 | <1 | 0.13 | 10 | 0.03 | 86 | 2 | 0.01 | 26 | 280 | 59 | <0.01 | <2 | 1 |

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Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03022578

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ti | Ti | U | V | W | Zn |
| | | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| OB 1427 | | <0.01 | <10 | <10 | 1 | <10 | 3 |
| OB 1428 | | <0.01 | <10 | <10 | 1 | <10 | 5 |
| OB 1429 | | <0.01 | <10 | <10 | 2 | <10 | 7 |
| OB 1430 | | <0.01 | <10 | <10 | 4 | <10 | 18 |
| OB 1431 | | 0.01 | <10 | <10 | 3 | <10 | 12 |
| OB 1432 | | 0.01 | <10 | <10 | 5 | <10 | 12 |
| OB 1433 | | 0.01 | <10 | <10 | 4 | <10 | 14 |
| OB 1434 | | <0.01 | <10 | <10 | 5 | <10 | 18 |
| OB 1435 | | <0.01 | 10 | <10 | 11 | <10 | 38 |
| OB 1436 | | <0.01 | <10 | <10 | 2 | <10 | 8 |
| OB 1437 | | <0.01 | <10 | <10 | 1 | <10 | 5 |
| OB 1438 | | <0.01 | <10 | <10 | 1 | <10 | 3 |
| OB 1439 | | <0.01 | <10 | <10 | <1 | <10 | <2 |
| OB 1440 | | <0.01 | <10 | <10 | <1 | <10 | 15 |
| OB 1441 | | <0.01 | <10 | <10 | 1 | <10 | 9 |
| OB 1442 | | <0.01 | <10 | <10 | 2 | <10 | 5 |
| OB 7102 | | <0.01 | <10 | <10 | 1 | <10 | 2 |
| OB 7103 | | <0.01 | 10 | <10 | 1 | <10 | <2 |
| OB 7104 | | <0.01 | <10 | <10 | 1 | <10 | <2 |
| OB 7105 | | <0.01 | <10 | <10 | 2 | <10 | <2 |
| OB 7106 | | <0.01 | 10 | <10 | 1 | <10 | 3 |
| OB 7107 | | <0.01 | <10 | <10 | 2 | <10 | 8 |
| OB 7108 | | <0.01 | <10 | <10 | 1 | <10 | 10 |
| OB 7109 | | <0.01 | <10 | <10 | 2 | <10 | 17 |
| OB 7110 | | <0.01 | <10 | <10 | 3 | <10 | 18 |
| OB 7111 | | <0.01 | <10 | <10 | 1 | <10 | 18 |
| OB 7112 | | <0.01 | <10 | <10 | 1 | <10 | 3 |
| OB 7113 | | <0.01 | <10 | <10 | 2 | <10 | 5 |
| OB 7114 | | <0.01 | <10 | <10 | 1 | <10 | 10 |
| OB 7115 | | 0.01 | <10 | <10 | 3 | <10 | 22 |
| OB 7116 | | <0.01 | <10 | <10 | 3 | <10 | 8 |
| OB 7117 | | <0.01 | <10 | <10 | 2 | <10 | 18 |
| OB 7118 | | <0.01 | <10 | <10 | 3 | <10 | 30 |
| OB 7119 | | <0.01 | <10 | <10 | 4 | <10 | 33 |
| GD 1114 | | <0.01 | <10 | <10 | 2 | <10 | 5 |
| GD 1115 | | <0.01 | <10 | <10 | 2 | <10 | 7 |
| GD 1116 | | <0.01 | <10 | <10 | 4 | <10 | 33 |
| GD 1117 | | <0.01 | <10 | <10 | 3 | <10 | 11 |
| GD 1118 | | <0.01 | <10 | <10 | 3 | <10 | 15 |
| GD 1119 | | 0.01 | <10 | <10 | 5 | <10 | 23 |

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Date : 7-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03022578

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ti | Ti | U | V | W | Zn |
| | | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| GD 1120 | | <0.01 | <10 | <10 | 3 | <10 | 7 |
| GD 1121 | | <0.01 | <10 | <10 | 3 | <10 | 15 |

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Page #: 1

Date : 14-Jul-2003

Account: NJY

CERTIFICATE VA03022747

Project : Cranbrook Gold

P.O. No:

This report is for 40 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 27-Jun-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

*Zinger-rock**(Corrected version)***SAMPLE PREPARATION**

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
104-135 10TH AVE S
CRANBROOK BC V1C 2N1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Total # of pages : 2 (A - C)

Date : 14-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03022747

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 |
|--------------------|-----------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| OB 1443 | | <10 | <1 | 0.01 | <10 | <0.01 | 10 | 1 | <0.01 | 2 | 40 | 71 | <0.01 | <2 | <1 | 1 |
| OB 1444 | | <10 | <1 | 0.03 | <10 | 0.23 | 50 | <1 | <0.01 | 3 | 50 | 22 | <0.01 | <2 | <1 | 1 |
| OB 1445 | | <10 | <1 | 0.06 | 10 | <0.01 | 6 | <1 | <0.01 | 2 | 170 | 225 | 0.01 | <2 | <1 | 1 |
| OB 1446 | | <10 | 1 | 0.12 | 10 | 0.03 | 33 | <1 | <0.01 | 2 | 40 | 2 | <0.01 | <2 | <1 | 1 |
| OB 1447 | | <10 | <1 | 0.16 | 10 | 0.01 | 31 | 2 | <0.01 | 1 | 100 | 26 | <0.01 | <2 | <1 | 3 |
| OB 1448 | | <10 | <1 | 0.03 | <10 | <0.01 | 43 | <1 | <0.01 | 4 | 290 | 7 | <0.01 | <2 | <1 | 1 |
| OB 1449 | | <10 | <1 | 0.15 | 20 | 0.01 | 18 | <1 | <0.01 | 1 | 60 | 15 | <0.01 | <2 | <1 | 1 |
| OB 1450 | | <10 | <1 | 0.01 | <10 | <0.01 | 61 | <1 | <0.01 | 1 | 20 | 17 | <0.01 | <2 | <1 | 1 |
| OB 1451 | | <10 | <1 | 0.03 | <10 | <0.01 | 16 | <1 | <0.01 | 4 | 130 | 99 | 0.01 | <2 | <1 | 3 |
| OB 1452 | | <10 | <1 | 0.05 | 10 | <0.01 | 44 | <1 | <0.01 | 5 | 130 | 102 | <0.01 | 8 | <1 | 2 |
| OB 1453 | | <10 | <1 | 0.13 | <10 | 0.01 | 8 | <1 | <0.01 | 1 | 40 | 16 | <0.01 | <2 | <1 | 1 |
| OB 1454 | | <10 | <1 | 0.04 | <10 | <0.01 | 31 | <1 | 0.01 | 5 | 110 | 68 | 0.01 | 3 | <1 | 3 |
| OB 1455 | | <10 | <1 | 0.05 | <10 | <0.01 | 42 | <1 | <0.01 | 2 | 70 | 20 | 0.01 | <2 | <1 | 1 |
| OB 1456 | | <10 | <1 | 0.03 | 10 | <0.01 | 37 | <1 | <0.01 | 1 | 40 | 35 | 0.01 | <2 | <1 | 2 |
| OB 1457 | | <10 | <1 | 0.02 | <10 | <0.01 | 32 | <1 | <0.01 | 2 | 130 | 1005 | 0.03 | <2 | <1 | 2 |
| OB 1458 | | <10 | <1 | 0.06 | <10 | <0.01 | 34 | <1 | <0.01 | 1 | 40 | 130 | 0.05 | 2 | <1 | 1 |
| OB 1459 | | <10 | <1 | 0.14 | 20 | 0.01 | 8 | <1 | <0.01 | 2 | 150 | 66 | 0.01 | <2 | <1 | 2 |
| OB 1460 | | <10 | <1 | 0.13 | 20 | 0.01 | 19 | <1 | <0.01 | <1 | 50 | 10 | 0.01 | <2 | <1 | 2 |
| OB 1461 | | <10 | <1 | 0.10 | <10 | 0.01 | 64 | <1 | <0.01 | 5 | 220 | 40 | <0.01 | <2 | <1 | 1 |
| OB 1462 | | <10 | <1 | 0.01 | <10 | <0.01 | 57 | <1 | <0.01 | 2 | 120 | 20 | <0.01 | <2 | <1 | <1 |
| OB 1463 | | <10 | <1 | 0.05 | 10 | <0.01 | 14 | <1 | 0.01 | 1 | 130 | 289 | 0.03 | 5 | <1 | 3 |
| OB 1464 | | <10 | <1 | 0.02 | <10 | <0.01 | 8 | <1 | <0.01 | 1 | 150 | 206 | 0.01 | 10 | <1 | 1 |
| OB 1465 | | <10 | <1 | 0.17 | 10 | 0.01 | 23 | <1 | 0.01 | 4 | 50 | 3 | 0.02 | <2 | <1 | 1 |
| OB 7120 | | <10 | <1 | 0.06 | <10 | 0.40 | 71 | <1 | 0.01 | 4 | 20 | 3 | <0.01 | <2 | <1 | 1 |
| OB 7121 | | <10 | <1 | 0.03 | <10 | 0.06 | 1245 | <1 | 0.01 | 11 | 510 | <2 | <0.01 | <2 | 2 | 1 |
| OB 7122 | | <10 | <1 | <0.01 | 10 | <0.01 | 43 | <1 | 0.01 | 67 | 190 | 15 | <0.01 | <2 | <1 | 1 |
| OB 7123 | | <10 | <1 | 0.02 | <10 | 0.01 | 122 | <1 | <0.01 | 2 | 20 | 2 | <0.01 | <2 | <1 | 1 |
| OB 7124 | | <10 | <1 | 0.06 | <10 | <0.01 | 6 | <1 | <0.01 | 6 | 140 | 723 | 0.85 | 10 | <1 | 1 |
| OB 7125 | | <10 | <1 | 0.03 | <10 | <0.01 | 28 | <1 | <0.01 | 8 | 370 | 475 | 0.16 | 4 | <1 | 2 |
| OB 7126 | | <10 | <1 | 0.09 | 10 | <0.01 | 8 | 2 | <0.01 | 3 | 400 | 1255 | 0.07 | 5 | <1 | 2 |
| OB 7127 | | <10 | <1 | 0.04 | 10 | <0.01 | 32 | <1 | <0.01 | 3 | 20 | 80 | 0.38 | <2 | <1 | 2 |
| OB 7128 | | <10 | <1 | 0.07 | 10 | 0.06 | 17 | <1 | <0.01 | 4 | 250 | 981 | 0.20 | 9 | <1 | 1 |
| GD 1120 | | <10 | <1 | 0.09 | 30 | 0.01 | 53 | <1 | 0.03 | 1 | 90 | 11 | 0.03 | <2 | <1 | 5 |
| GD 1121 | | <10 | <1 | 0.12 | 10 | 0.01 | 28 | <1 | 0.01 | 3 | 220 | 157 | <0.01 | <2 | <1 | 2 |
| GD 1122 | | <10 | <1 | 0.12 | 10 | 0.01 | 38 | <1 | <0.01 | 5 | 80 | 82 | <0.01 | <2 | <1 | 1 |
| GD 1123 | | <10 | <1 | 0.05 | <10 | <0.01 | 11 | 3 | <0.01 | 2 | 80 | 112 | <0.01 | <2 | <1 | 1 |
| GD 1124 | | <10 | <1 | 0.14 | 10 | 0.01 | 49 | <1 | <0.01 | 3 | 40 | 2 | <0.01 | <2 | <1 | 1 |
| GD 1125 | | <10 | <1 | 0.05 | <10 | <0.01 | 9 | <1 | 0.01 | 2 | 430 | 80 | 0.01 | <2 | <1 | 3 |
| GD 1126 | | <10 | <1 | 0.05 | 10 | 0.01 | 37 | <1 | 0.01 | 2 | 110 | 14 | <0.01 | <2 | <1 | 2 |
| GD 1127 | | <10 | <1 | 0.05 | 10 | <0.01 | 10 | 2 | <0.01 | 1 | 60 | 106 | 0.02 | 26 | <1 | 1 |

Comments: ** CORRECTED COPY for sample description on samples OB7120 to OB7128 **

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Page #: 2 - C

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Date : 14-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS**VA03022747**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ti | Ti | U | V | W | Zn |
| | | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| OB 1443 | | <0.01 | <10 | <10 | 1 | <10 | 4 |
| OB 1444 | | <0.01 | <10 | <10 | 1 | <10 | 8 |
| OB 1445 | | <0.01 | <10 | <10 | 1 | <10 | 24 |
| OB 1446 | | <0.01 | <10 | <10 | 1 | <10 | 2 |
| OB 1447 | | <0.01 | <10 | <10 | 2 | <10 | 4 |
| OB 1448 | | <0.01 | <10 | <10 | 1 | <10 | 22 |
| OB 1449 | | <0.01 | <10 | <10 | 2 | <10 | 7 |
| OB 1450 | | <0.01 | <10 | <10 | <1 | <10 | 2 |
| OB 1451 | | <0.01 | <10 | <10 | 1 | <10 | 7 |
| OB 1452 | | <0.01 | <10 | <10 | 1 | <10 | 31 |
| OB 1453 | | <0.01 | <10 | <10 | 1 | <10 | 16 |
| OB 1454 | | <0.01 | <10 | <10 | 1 | <10 | 18 |
| OB 1455 | | <0.01 | <10 | <10 | 2 | <10 | <2 |
| OB 1456 | | <0.01 | <10 | <10 | 1 | <10 | 2 |
| OB 1457 | | <0.01 | <10 | <10 | 1 | <10 | 6 |
| OB 1458 | | <0.01 | <10 | <10 | 1 | <10 | <2 |
| OB 1459 | | <0.01 | <10 | <10 | 2 | <10 | 6 |
| OB 1460 | | <0.01 | <10 | <10 | 1 | <10 | <2 |
| OB 1461 | | <0.01 | <10 | <10 | 1 | <10 | 154 |
| OB 1462 | | <0.01 | <10 | <10 | <1 | <10 | 73 |
| OB 1463 | | <0.01 | <10 | <10 | 1 | <10 | 8 |
| OB 1464 | | <0.01 | <10 | <10 | <1 | <10 | 17 |
| OB 1465 | | <0.01 | <10 | <10 | 1 | <10 | 5 |
| OB 7120 | | <0.01 | <10 | <10 | 2 | <10 | 7 |
| OB 7121 | | <0.01 | <10 | <10 | 3 | <10 | 42 |
| OB 7122 | | <0.01 | <10 | <10 | <1 | <10 | 4 |
| OB 7123 | | <0.01 | <10 | <10 | 1 | <10 | 4 |
| OB 7124 | | <0.01 | <10 | <10 | 1 | <10 | 8 |
| OB 7125 | | <0.01 | <10 | <10 | 1 | <10 | 44 |
| OB 7126 | | <0.01 | <10 | <10 | 2 | <10 | 30 |
| OB 7127 | | <0.01 | <10 | <10 | 1 | <10 | 3 |
| OB 7128 | | <0.01 | <10 | <10 | 3 | <10 | 13 |
| GD 1120 | | <0.01 | <10 | <10 | 1 | <10 | 4 |
| GD 1121 | | <0.01 | <10 | <10 | 2 | <10 | 74 |
| GD 1122 | | <0.01 | <10 | <10 | 1 | <10 | 28 |
| GD 1123 | | <0.01 | <10 | <10 | 1 | <10 | 10 |
| GD 1124 | | <0.01 | <10 | <10 | 1 | <10 | 7 |
| GD 1125 | | <0.01 | <10 | <10 | 1 | <10 | 13 |
| GD 1126 | | <0.01 | <10 | <10 | 1 | <10 | 5 |
| GD 1127 | | <0.01 | <10 | <10 | 1 | <10 | 2 |

Comments: ** CORRECTED COPY for sample description on samples OB7120 to OB7128 **

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Page #: 1

Date : 8-Jul-2003

Account: NJY

CERTIFICATE VA03022960

Project : Cranbrook Gold

P.O. No:

This report is for 60 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 30-Jun-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
104-135 10TH AVE S
CRANBROOK BC V1C 2N1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 



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Page #: 2 - A

Total # of pages : 3 (A - C)

Date : 8-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03022960

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| GD1128 | | 1.86 | <0.005 | <0.2 | 0.16 | 6 | <10 | 30 | <0.5 | <2 | 0.02 | <0.5 | 1 | 9 | 2 | 0.63 |
| GD1129 | | 1.32 | <0.005 | 0.2 | 0.15 | 11 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 3 | 6 | 5 | 0.74 |
| GD1130 | | 2.50 | 0.347 | 1.0 | 0.14 | 28 | <10 | 60 | <0.5 | 3 | <0.01 | <0.5 | 41 | 10 | 63 | 3.71 |
| GD1131 | | 1.30 | <0.005 | <0.2 | 0.53 | 10 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 7 | 6 | 4 | 1.38 |
| GD1132 | | 1.44 | <0.005 | <0.2 | 0.64 | 4 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 22 | 9 | 5 | 1.53 |
| GD1133 | | 1.24 | <0.005 | <0.2 | 0.16 | 10 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 10 | 5 | 7 | 1.66 |
| GD1134 | | 1.38 | 0.054 | 0.9 | 0.12 | 17 | <10 | 20 | <0.5 | 3 | 0.01 | <0.5 | 25 | 11 | 40 | 2.92 |
| GD1135 | | 1.56 | 0.025 | 0.2 | 0.10 | 8 | <10 | 20 | <0.5 | 4 | <0.01 | <0.5 | 2 | 8 | 4 | 1.62 |
| GD1136 | | 1.28 | 0.033 | <0.2 | 0.06 | 7 | <10 | 40 | <0.5 | 3 | <0.01 | <0.5 | 11 | 13 | 4 | 1.69 |
| GD1137 | | 2.00 | 0.006 | <0.2 | 0.15 | 25 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 8 | 5 | 14 | 1.33 |
| GD1138 | | 1.66 | <0.005 | <0.2 | 0.35 | 4 | <10 | 30 | <0.5 | <2 | 0.03 | <0.5 | 6 | 5 | 3 | 0.97 |
| GD1139 | | 1.06 | <0.005 | <0.2 | 0.07 | 29 | <10 | 10 | <0.5 | <2 | 0.01 | <0.5 | 20 | 16 | 4 | 1.61 |
| GD1140 | | 1.02 | <0.005 | <0.2 | 0.26 | 5 | <10 | 30 | <0.5 | <2 | 0.03 | <0.5 | 6 | 7 | 3 | 1.35 |
| GD1141 | | 1.10 | <0.005 | <0.2 | 0.04 | 13 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 14 | 11 | 3 | 1.17 |
| GD1142 | | 1.10 | <0.005 | <0.2 | 0.17 | 4 | <10 | 70 | <0.5 | <2 | 0.29 | <0.5 | 7 | 6 | 2 | 0.76 |
| GD1143 | | 1.16 | 0.061 | <0.2 | 0.21 | 22 | <10 | 70 | <0.5 | <2 | <0.01 | <0.5 | 2 | 8 | 3 | 1.24 |
| GD1144 | | 1.88 | <0.005 | <0.2 | 0.13 | 2 | <10 | 10 | <0.5 | <2 | 0.02 | <0.5 | 1 | 9 | 2 | 0.52 |
| GD1145A | | 1.22 | <0.005 | <0.2 | 0.24 | 11 | <10 | 50 | <0.5 | <2 | 0.04 | <0.5 | 1 | 5 | 2 | 0.60 |
| GD1145B | | 1.60 | <0.005 | <0.2 | 0.12 | 2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 9 | 1 | 0.64 |
| OB1466 | | 1.82 | 0.009 | <0.2 | 0.13 | 10 | <10 | 20 | <0.5 | 2 | 0.13 | <0.5 | 3 | 12 | 5 | 2.13 |
| OB1467 | | 1.38 | 0.020 | 0.2 | 0.06 | 5 | <10 | 10 | <0.5 | 2 | <0.01 | <0.5 | 10 | 15 | 8 | 1.96 |
| OB1468 | | 1.60 | 0.006 | <0.2 | 0.10 | 7 | <10 | 70 | <0.5 | 2 | 0.40 | <0.5 | 24 | 11 | 5 | 1.25 |
| OB1469 | | 1.50 | 0.019 | 1.2 | 0.09 | 7 | <10 | 50 | <0.5 | <2 | <0.01 | <0.5 | 21 | 11 | 6 | 2.18 |
| OB1470 | | 1.18 | 1.210 | 13.3 | 0.16 | 39 | <10 | 380 | <0.5 | 5 | <0.01 | <0.5 | 14 | 8 | 172 | 2.47 |
| OB1471 | | 1.38 | 0.027 | <0.2 | 0.05 | 3 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 8 | 14 | 6 | 1.45 |
| OB1472 | | 1.72 | 0.478 | 0.6 | 0.13 | 20 | <10 | 50 | <0.5 | 2 | <0.01 | <0.5 | 15 | 10 | 19 | 3.05 |
| OB1473 | | 1.58 | 0.005 | <0.2 | 0.48 | 7 | <10 | 40 | <0.5 | <2 | 0.01 | <0.5 | 7 | 4 | 4 | 2.59 |
| OB1474 | | 0.90 | 0.025 | 0.9 | 0.22 | 9 | <10 | 120 | <0.5 | 3 | 0.04 | 0.6 | 1 | 10 | 5 | 1.04 |
| OB1475 | | 1.04 | 0.266 | <0.2 | 0.42 | 3 | <10 | 430 | <0.5 | <2 | 0.02 | <0.5 | 5 | 4 | 6 | 1.18 |
| OB1476 | | 0.98 | 0.052 | 0.2 | 0.34 | 6 | <10 | 120 | <0.5 | <2 | <0.01 | <0.5 | 4 | 8 | 11 | 1.81 |
| OB1477 | | 2.06 | 0.082 | <0.2 | 0.45 | 2 | <10 | 140 | <0.5 | <2 | 0.02 | <0.5 | 6 | 4 | 4 | 0.96 |
| OB7129 | | 0.96 | <0.005 | <0.2 | 0.08 | 6 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 11 | 2 | 0.72 |
| OB7130 | | 0.82 | 0.008 | <0.2 | 0.02 | 4 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 194 | 18 | 4 | 5.72 |
| OB7131 | | 1.50 | 0.161 | 1.5 | 0.03 | 75 | <10 | 80 | <0.5 | 2 | <0.01 | <0.5 | 123 | 15 | 7 | 3.92 |
| OB7132 | | 1.86 | 0.039 | 0.4 | 0.02 | 77 | <10 | 40 | <0.5 | <2 | 0.01 | <0.5 | 14 | 40 | 12 | 1.53 |
| OB7133 | | 1.10 | 0.005 | <0.2 | 0.10 | 23 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 9 | 14 | 4 | 0.84 |
| OB7134 | | 0.84 | <0.005 | 0.4 | 0.15 | 8 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 10 | 19 | 4 | 0.76 |
| OB7135 | | 1.30 | 0.065 | 0.4 | 0.02 | 39 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 61 | 17 | 7 | 2.59 |
| OB7136 | | 1.90 | 0.045 | 0.8 | 0.01 | 25 | <10 | 30 | <0.5 | <2 | <0.01 | <0.5 | 73 | 18 | 7 | 3.79 |
| OB7137 | | 1.28 | 0.011 | <0.2 | 0.25 | 162 | <10 | 30 | <0.5 | <2 | <0.01 | 0.5 | 6 | 8 | 12 | 1.62 |

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Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS**VA03022960**

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| OB7138 | | 1.12 | 0.026 | <0.2 | 0.14 | 81 | <10 | 20 | <0.5 | 3 | <0.01 | <0.5 | 84 | 12 | 21 | 4.78 |
| OB7139 | | 0.90 | 0.017 | 0.5 | 0.08 | 77 | <10 | 10 | <0.5 | <2 | <0.01 | 0.7 | 106 | 13 | 19 | 5.83 |
| OB7140 | | 0.76 | 0.095 | 1.4 | 0.06 | 350 | <10 | 50 | 0.5 | <2 | <0.01 | 2.7 | 239 | 16 | 65 | >15 |
| OB7141 | | 1.76 | <0.005 | <0.2 | 0.22 | 7 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 2 | 7 | 2 | 0.81 |
| OB7142 | | 1.34 | <0.005 | <0.2 | 0.08 | 6 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 3 | 15 | 5 | 1.72 |
| OB7143 | | 0.88 | <0.005 | <0.2 | 0.09 | 4 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 6 | 7 | 2 | 0.75 |
| OB7144 | | 2.12 | 0.008 | <0.2 | 0.07 | 71 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 89 | 10 | 5 | 7.54 |
| OB7145 | | 1.24 | 0.007 | <0.2 | 0.15 | 33 | 10 | 10 | <0.5 | 3 | <0.01 | <0.5 | 22 | 6 | 2 | 2.16 |
| OB7146 | | 1.24 | 0.017 | <0.2 | 0.15 | 26 | <10 | 10 | <0.5 | 2 | <0.01 | <0.5 | 14 | 6 | 2 | 1.80 |
| OB7147 | | 1.42 | 0.094 | 0.7 | 0.04 | 98 | 10 | 30 | <0.5 | 3 | <0.01 | <0.5 | 302 | 10 | 7 | >15 |
| OB7148 | | 1.66 | 0.186 | <0.2 | 0.17 | 160 | <10 | 10 | <0.5 | 9 | <0.01 | 2.6 | 417 | 14 | 231 | >15 |
| OB7149 | | 1.48 | 0.070 | 2.4 | 0.07 | 156 | 10 | 20 | <0.5 | 4 | <0.01 | 0.6 | 318 | 8 | 176 | 13.3 |
| OB7150 | | 1.22 | 0.390 | 0.4 | 0.13 | 178 | <10 | 10 | <0.5 | 12 | 0.01 | 3.5 | 383 | 9 | 348 | >15 |
| OB7151 | | 1.34 | 0.006 | <0.2 | 0.05 | 12 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 5 | 10 | 11 | 1.34 |
| OB7152 | | 1.28 | 0.005 | <0.2 | 0.04 | 12 | <10 | <10 | <0.5 | <2 | 0.01 | <0.5 | 7 | 10 | 8 | 1.46 |
| OB7153 | | 2.10 | 0.008 | <0.2 | 0.05 | 7 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 51 | 12 | 5 | 1.76 |
| OB7154 | | 0.92 | 0.005 | <0.2 | 0.09 | 6 | <10 | 20 | <0.5 | 2 | <0.01 | <0.5 | 72 | 12 | 4 | 3.15 |
| OB7155 | | 2.24 | 0.014 | <0.2 | 0.18 | 11 | <10 | 20 | <0.5 | 3 | 0.01 | <0.5 | 140 | 6 | 3 | 2.97 |
| OB7156 | | 2.22 | <0.005 | <0.2 | 0.02 | 4 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 3 | 16 | 2 | 1.14 |
| OB7157 | | 2.10 | 0.006 | <0.2 | 7.18 | <2 | <10 | 390 | 1.0 | 3 | 0.04 | <0.5 | 13 | 9 | 59 | 4.64 |



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CERTIFICATE OF ANALYSIS

VA03022960

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | Ga ppm 10 | Hg ppm 1 | K % 0.01 | La ppm 10 | Mg % 0.01 | Mn ppm 5 | Mo ppm 1 | Na % 0.01 | Ni ppm 1 | P ppm 10 | Pb ppm 2 | S % 0.01 | Sb ppm 2 | Sc ppm 1 | Sr ppm 1 |
| GD1128 | | <10 | <1 | 0.12 | 10 | 0.02 | 8 | <1 | <0.01 | 2 | 810 | 8 | 0.01 | <2 | <1 | 3 |
| GD1129 | | <10 | <1 | 0.10 | 20 | 0.03 | 35 | <1 | <0.01 | 4 | 120 | 24 | 0.01 | <2 | <1 | 4 |
| GD1130 | | <10 | <1 | 0.06 | <10 | 0.02 | 25 | 3 | 0.01 | 27 | 590 | 1220 | 0.05 | 4 | 1 | 8 |
| GD1131 | | <10 | <1 | 0.10 | 20 | 0.47 | 59 | <1 | <0.01 | 17 | 140 | 9 | <0.01 | <2 | 1 | 2 |
| GD1132 | | <10 | <1 | 0.08 | 20 | 0.84 | 88 | <1 | 0.01 | 23 | 130 | 9 | <0.01 | <2 | 1 | 1 |
| GD1133 | | <10 | <1 | 0.11 | 20 | 0.02 | 61 | 1 | <0.01 | 10 | 150 | 38 | 0.01 | <2 | 1 | 3 |
| GD1134 | | <10 | <1 | 0.07 | <10 | 0.01 | 29 | 1 | 0.01 | 18 | 280 | 203 | 0.01 | 2 | 1 | 3 |
| GD1135 | | <10 | <1 | 0.07 | 20 | 0.01 | 35 | <1 | <0.01 | 2 | 120 | 41 | 0.01 | <2 | <1 | 3 |
| GD1136 | | <10 | <1 | 0.03 | 20 | 0.01 | 11 | <1 | 0.01 | 8 | 180 | 34 | 0.01 | <2 | <1 | 5 |
| GD1137 | | <10 | <1 | 0.10 | 10 | 0.02 | 37 | <1 | <0.01 | 6 | 150 | 59 | 0.01 | <2 | <1 | 3 |
| GD1138 | | <10 | <1 | 0.16 | 30 | 0.05 | 219 | <1 | 0.02 | 8 | 170 | 12 | 0.01 | <2 | 1 | 3 |
| GD1139 | | <10 | <1 | 0.03 | <10 | 0.02 | 113 | 1 | <0.01 | 14 | 110 | 7 | <0.01 | <2 | 1 | 1 |
| GD1140 | | <10 | <1 | 0.18 | 20 | 0.03 | 88 | <1 | 0.01 | 5 | 210 | 4 | 0.01 | <2 | 1 | 2 |
| GD1141 | | <10 | <1 | 0.03 | <10 | 0.01 | 60 | <1 | <0.01 | 9 | 40 | 10 | 0.01 | <2 | <1 | 2 |
| GD1142 | | <10 | <1 | 0.11 | 20 | 0.14 | 313 | <1 | 0.01 | 7 | 80 | <2 | 0.01 | <2 | <1 | 7 |
| GD1143 | | <10 | <1 | 0.16 | 20 | 0.01 | 23 | <1 | 0.01 | 2 | 100 | 20 | 0.01 | <2 | <1 | 4 |
| GD1144 | | <10 | <1 | 0.10 | 10 | 0.01 | 35 | <1 | <0.01 | 2 | 100 | 2 | <0.01 | <2 | <1 | 1 |
| GD1145A | | <10 | <1 | 0.17 | 30 | 0.03 | 337 | <1 | 0.01 | 2 | 110 | <2 | <0.01 | <2 | 1 | 3 |
| GD1145B | | <10 | <1 | 0.09 | 10 | 0.01 | 42 | 1 | <0.01 | 2 | 40 | <2 | <0.01 | <2 | <1 | 2 |
| OB1466 | | <10 | <1 | 0.04 | 20 | <0.01 | 88 | <1 | 0.01 | 3 | 7270 | 28 | 0.03 | <2 | 1 | 7 |
| OB1467 | | <10 | <1 | 0.03 | <10 | <0.01 | 14 | 1 | <0.01 | 5 | 190 | 30 | <0.01 | <2 | <1 | 2 |
| OB1468 | | <10 | <1 | 0.05 | 40 | 0.01 | 9 | <1 | 0.01 | 17 | 3140 | 25 | 0.31 | <2 | 1 | 15 |
| OB1469 | | <10 | <1 | 0.06 | 30 | 0.01 | 49 | 1 | 0.01 | 14 | 810 | 97 | 0.18 | <2 | <1 | 6 |
| OB1470 | | <10 | <1 | 0.11 | <10 | 0.01 | 10 | 1 | 0.01 | 14 | 680 | 4240 | 0.25 | 9 | 1 | 3 |
| OB1471 | | <10 | <1 | 0.03 | <10 | <0.01 | 58 | 1 | 0.01 | 6 | 110 | 27 | <0.01 | <2 | <1 | 4 |
| OB1472 | | <10 | <1 | 0.07 | <10 | 0.01 | 25 | 1 | 0.01 | 12 | 560 | 1530 | 0.06 | <2 | 1 | 23 |
| OB1473 | | <10 | <1 | 0.21 | 50 | 0.02 | 94 | <1 | 0.01 | 12 | 200 | 6 | <0.01 | 2 | 1 | 3 |
| OB1474 | | <10 | <1 | 0.18 | 10 | 0.01 | 104 | 1 | <0.01 | 2 | 290 | 387 | 0.05 | <2 | <1 | 5 |
| OB1475 | | <10 | <1 | 0.25 | 40 | 0.02 | 224 | <1 | 0.01 | 3 | 250 | 12 | 0.01 | <2 | 1 | 6 |
| OB1476 | | <10 | <1 | 0.25 | 20 | 0.02 | 612 | 2 | 0.01 | 4 | 120 | 211 | 0.13 | <2 | 1 | 4 |
| OB1477 | | <10 | <1 | 0.23 | 40 | 0.02 | 448 | <1 | 0.01 | 5 | 190 | 3 | <0.01 | <2 | 1 | 4 |
| OB7129 | | <10 | <1 | 0.04 | <10 | 0.01 | 71 | <1 | 0.01 | 4 | 20 | 3 | <0.01 | <2 | <1 | 2 |
| OB7130 | | <10 | <1 | 0.01 | <10 | 0.01 | 28 | <1 | <0.01 | 56 | 170 | 7 | 0.01 | 2 | <1 | 1 |
| OB7131 | | <10 | <1 | 0.04 | <10 | <0.01 | 49 | 1 | 0.01 | 18 | 40 | 77 | 1.92 | <2 | <1 | 3 |
| OB7132 | | <10 | <1 | 0.03 | <10 | 0.01 | 18 | <1 | 0.01 | 6 | 40 | 33 | 0.08 | <2 | <1 | 3 |
| OB7133 | | <10 | <1 | 0.08 | 20 | 0.01 | 57 | <1 | <0.01 | 4 | 40 | 24 | <0.01 | <2 | <1 | 2 |
| OB7134 | | <10 | <1 | 0.09 | 30 | 0.01 | 21 | <1 | <0.01 | 3 | 50 | 31 | <0.01 | <2 | <1 | 3 |
| OB7135 | | <10 | <1 | 0.02 | <10 | <0.01 | 61 | <1 | <0.01 | 14 | 120 | 27 | 0.40 | 2 | <1 | 2 |
| OB7136 | | <10 | <1 | 0.06 | <10 | <0.01 | 11 | <1 | <0.01 | 13 | 90 | 30 | 1.12 | 3 | <1 | 2 |
| OB7137 | | <10 | <1 | 0.17 | 30 | 0.01 | 40 | 1 | <0.01 | 5 | 240 | 24 | <0.01 | 3 | 1 | 2 |

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Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03022960

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | Ga ppm 10 | Hg ppm 1 | K % 0.01 | La ppm 10 | Mg % 0.01 | Mn ppm 5 | Mo ppm 1 | Na % 0.01 | Ni ppm 1 | P ppm 10 | Pb ppm 2 | S % 0.01 | Sb ppm 2 | Sc ppm 1 | Sr ppm 1 |
| OB7138 | | <10 | <1 | 0.07 | 10 | <0.01 | 26 | 1 | <0.01 | 16 | 280 | 273 | 0.01 | 8 | <1 | 1 |
| OB7139 | | <10 | <1 | 0.05 | 10 | <0.01 | 58 | 1 | <0.01 | 18 | 390 | 158 | 0.05 | 7 | <1 | 1 |
| OB7140 | | <10 | <1 | 0.04 | <10 | <0.01 | 24 | 7 | <0.01 | 87 | 1890 | 517 | 0.14 | 32 | <1 | 3 |
| OB7141 | | <10 | <1 | 0.10 | 10 | 0.01 | 63 | <1 | 0.01 | 2 | 40 | 5 | <0.01 | <2 | <1 | 1 |
| OB7142 | | <10 | <1 | 0.04 | <10 | <0.01 | 73 | <1 | 0.01 | 3 | 10 | 4 | <0.01 | <2 | <1 | 1 |
| OB7143 | | <10 | <1 | 0.04 | <10 | 0.01 | 64 | <1 | <0.01 | 2 | 20 | <2 | <0.01 | <2 | <1 | 1 |
| OB7144 | | <10 | <1 | 0.01 | <10 | 0.01 | 26 | 2 | <0.01 | 14 | 620 | 89 | 0.01 | 5 | 2 | 1 |
| OB7145 | | <10 | <1 | 0.07 | 60 | 0.03 | 126 | 2 | <0.01 | 4 | 360 | 6 | <0.01 | <2 | 1 | 2 |
| OB7146 | | <10 | <1 | 0.07 | 70 | 0.02 | 47 | 1 | <0.01 | 2 | 340 | 7 | <0.01 | <2 | 1 | 2 |
| OB7147 | | <10 | <1 | 0.01 | 20 | 0.01 | 38 | 6 | <0.01 | 42 | 1280 | 114 | 0.02 | 4 | <1 | 2 |
| OB7148 | | <10 | <1 | 0.01 | <10 | 0.01 | 67 | 11 | <0.01 | 28 | 2210 | 261 | 0.03 | 32 | 2 | 2 |
| OB7149 | | <10 | <1 | 0.02 | 10 | 0.01 | 35 | 7 | <0.01 | 23 | 720 | 219 | 0.02 | 140 | <1 | 1 |
| OB7150 | | <10 | <1 | 0.01 | 10 | <0.01 | 97 | 13 | <0.01 | 32 | 2190 | 112 | 0.04 | 179 | 1 | 2 |
| OB7151 | | <10 | <1 | 0.04 | <10 | <0.01 | 61 | 1 | 0.01 | 4 | 130 | 7 | 0.02 | <2 | <1 | 2 |
| OB7152 | | <10 | <1 | 0.02 | <10 | <0.01 | 13 | 1 | <0.01 | 5 | 250 | 14 | 0.03 | <2 | <1 | 8 |
| OB7153 | | <10 | <1 | 0.04 | <10 | <0.01 | 49 | 1 | <0.01 | 7 | 10 | 13 | 0.88 | <2 | <1 | 1 |
| OB7154 | | <10 | <1 | 0.04 | <10 | 0.03 | 10 | 1 | 0.01 | 11 | 130 | 2 | 1.12 | <2 | <1 | 2 |
| OB7155 | | <10 | <1 | 0.14 | <10 | 0.04 | 42 | 5 | <0.01 | 17 | 50 | 9 | 2.15 | <2 | <1 | 2 |
| OB7156 | | <10 | <1 | 0.01 | <10 | <0.01 | 54 | 1 | <0.01 | 2 | 50 | <2 | <0.01 | <2 | <1 | 1 |
| OB7157 | | 20 | 2 | 0.08 | 20 | 0.21 | 494 | 1 | 0.02 | 10 | 900 | 9 | 0.02 | <2 | 10 | 24 |

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CERTIFICATE OF ANALYSIS VA03022960

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ti | Ti | U | V | W | Zn |
| | | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| GD1128 | | <0.01 | <10 | <10 | 2 | <10 | 3 |
| GD1129 | | <0.01 | <10 | <10 | 2 | <10 | 28 |
| GD1130 | | <0.01 | <10 | <10 | 3 | <10 | 81 |
| GD1131 | | <0.01 | <10 | <10 | 3 | <10 | 42 |
| GD1132 | | <0.01 | <10 | <10 | 4 | <10 | 32 |
| GD1133 | | <0.01 | <10 | <10 | 2 | <10 | 100 |
| GD1134 | | <0.01 | <10 | <10 | 2 | <10 | 54 |
| GD1135 | | <0.01 | <10 | <10 | 1 | <10 | 8 |
| GD1136 | | <0.01 | <10 | <10 | 1 | <10 | 7 |
| GD1137 | | <0.01 | <10 | <10 | 1 | <10 | 24 |
| GD1138 | | <0.01 | <10 | <10 | 1 | <10 | 41 |
| GD1139 | | <0.01 | <10 | <10 | 1 | <10 | 17 |
| GD1140 | | <0.01 | <10 | <10 | 2 | <10 | 8 |
| GD1141 | | <0.01 | <10 | <10 | 1 | <10 | 3 |
| GD1142 | | <0.01 | <10 | <10 | 1 | <10 | 12 |
| GD1143 | | <0.01 | <10 | <10 | 1 | <10 | 4 |
| GD1144 | | <0.01 | <10 | <10 | 1 | <10 | 8 |
| GD1145A | | <0.01 | <10 | <10 | 2 | <10 | 13 |
| GD1145B | | <0.01 | <10 | <10 | 1 | <10 | 4 |
| OB1466 | | <0.01 | <10 | <10 | 2 | <10 | 2 |
| OB1467 | | <0.01 | <10 | <10 | 1 | <10 | 32 |
| OB1468 | | <0.01 | <10 | <10 | 1 | <10 | 4 |
| OB1469 | | <0.01 | <10 | <10 | 1 | <10 | 15 |
| OB1470 | | <0.01 | <10 | <10 | 1 | <10 | 56 |
| OB1471 | | <0.01 | <10 | <10 | 1 | <10 | 17 |
| OB1472 | | <0.01 | <10 | <10 | 2 | <10 | 25 |
| OB1473 | | <0.01 | <10 | <10 | 2 | <10 | 24 |
| OB1474 | | <0.01 | <10 | <10 | 1 | <10 | 56 |
| OB1475 | | <0.01 | <10 | <10 | 2 | <10 | 18 |
| OB1476 | | <0.01 | <10 | <10 | 2 | <10 | 21 |
| OB1477 | | <0.01 | <10 | <10 | 2 | <10 | 15 |
| OB7129 | | <0.01 | <10 | <10 | 1 | <10 | 4 |
| OB7130 | | <0.01 | <10 | <10 | 3 | <10 | 3 |
| OB7131 | | <0.01 | <10 | <10 | 1 | <10 | 7 |
| OB7132 | | <0.01 | <10 | <10 | 1 | <10 | 9 |
| OB7133 | | <0.01 | <10 | <10 | 1 | <10 | 5 |
| OB7134 | | <0.01 | <10 | <10 | 2 | <10 | 6 |
| OB7135 | | <0.01 | <10 | <10 | 2 | <10 | 16 |
| OB7136 | | <0.01 | <10 | <10 | 1 | <10 | 21 |
| OB7137 | | <0.01 | <10 | <10 | 3 | <10 | 37 |

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CERTIFICATE OF ANALYSIS**VA03022960**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ti | Ti | U | V | W | Zn |
| | | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| OB7138 | | <0.01 | <10 | <10 | 2 | <10 | 97 |
| OB7139 | | <0.01 | <10 | <10 | 2 | <10 | 67 |
| OB7140 | | <0.01 | <10 | 10 | 4 | <10 | 373 |
| OB7141 | | <0.01 | <10 | <10 | 2 | <10 | 4 |
| OB7142 | | <0.01 | <10 | <10 | 1 | <10 | 4 |
| OB7143 | | <0.01 | <10 | <10 | 1 | <10 | 2 |
| OB7144 | | <0.01 | <10 | <10 | 8 | 10 | 24 |
| OB7145 | | <0.01 | <10 | <10 | 1 | <10 | 2 |
| OB7146 | | <0.01 | <10 | <10 | 1 | <10 | 2 |
| OB7147 | | <0.01 | <10 | <10 | 1 | 10 | 15 |
| OB7148 | | <0.01 | <10 | <10 | 12 | 20 | 107 |
| OB7149 | | <0.01 | <10 | <10 | 2 | 10 | 148 |
| OB7150 | | <0.01 | <10 | <10 | 9 | 10 | 98 |
| OB7151 | | <0.01 | <10 | <10 | 1 | <10 | 9 |
| OB7152 | | <0.01 | <10 | <10 | 1 | <10 | 4 |
| OB7153 | | <0.01 | <10 | <10 | <1 | <10 | 2 |
| OB7154 | | <0.01 | <10 | <10 | 1 | <10 | 2 |
| OB7155 | | <0.01 | <10 | <10 | 1 | <10 | 2 |
| OB7156 | | <0.01 | <10 | <10 | <1 | <10 | <2 |
| OB7157 | | 0.43 | <10 | <10 | 49 | <10 | 56 |



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Page #: 1
Date : 7-Jul-2003
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Zinger

CERTIFICATE VA03023397

Project : Cranbrook Gold

P.O. No:

This report is for 4 PULP samples submitted to our lab in North Vancouver, BC, Canada on 2-Jul-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| FND-02 | Find Sample for Addn Analysis |
| SPL-21 | Split sample - riffle splitter |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
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Signature:

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Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS**VA03023397**

| Sample Description | Method Analyte Units LOR | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-AA25 | Au-AA25D |
|--------------------|-----------------------------------|-------------|-------------|-------------|-------------|-----------|----------|-------------|-------------|
| | | Au Total | Au (+) F | Au (-) F | Au (+) m | WT. + Fr | WT. - Fr | Au | Au |
| | | ppm 0.05 | ppm 0.05 | ppm 0.05 | mg 0.001 | g 0.01 | g 0.1 | ppm 0.01 | ppm 0.01 |
| OB1346 | | 5.50 | 2.30 | 5.56 | 0.021 | 9.13 | 526.9 | 5.55 | 5.56 |
| OB7030 | | 4.57 | 35.2 | 4.25 | 0.223 | 6.33 | 593.7 | 3.98 | 4.51 |
| OB7035 | | 2.35 | 1.01 | 2.38 | 0.011 | 10.88 | 580.3 | 2.33 | 2.42 |
| OB7036 | | 8.10 | 1.53 | 8.30 | 0.025 | 16.32 | 561.0 | 8.17 | 8.42 |



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Page # : 1
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Account: NJY

CERTIFICATE VA03023425

Project : Cranbrook Gold

P.O. No:

This report is for 2 PULP samples submitted to our lab in North Vancouver, BC, Canada on 2-Jul-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

Zinger - rock

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| FND-02 | Find Sample for Addn Analysis |
| SPL-21 | Split sample - riffle splitter |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
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Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS **VA03023425**

| Sample Description | Method Analyte Units LOR | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-AA25 | Au-AA25D |
|--------------------|-----------------------------------|-------------|-------------|-------------|-------------|-----------|----------|-------------|-------------|
| | | Au Total | Au (+) F | Au (-) F | Au (+) m | WT. + Fr | WT. - Fr | Au | Au |
| | | ppm 0.05 | ppm 0.05 | ppm 0.05 | mg 0.001 | g 0.01 | g 0.1 | ppm 0.01 | ppm 0.01 |
| Z28 | | 3.28 | 5.14 | 3.27 | 0.009 | 1.75 | 188.3 | 3.29 | 3.24 |
| Z33 | | 6.94 | 120.5 | 6.15 | 0.512 | 4.25 | 605.2 | 6.52 | 5.77 |

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Account: NJY

CERTIFICATE VA03023566

Project : Cranbrook Gold

P.O. No:

This report is for 1 PULP sample submitted to our lab in North Vancouver, BC, Canada on 4-Jul-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

*Zinger***SAMPLE PREPARATION**

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| FND-02 | Find Sample for Addn Analysis |
| SPL-21 | Split sample - riffle splitter |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

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Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS**VA03023566**

| Sample Description | Method Analyte Units LOR | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-AA25 | Au-AA25D |
|--------------------|-----------------------------------|-------------|-------------|-------------|-------------|-----------|----------|-------------|-------------|
| | | Au Total | Au (+) F | Au (-) F | Au (+) m | WT. + Fr | WT. - Fr | Au | Au |
| | | ppm 0.05 | ppm 0.05 | ppm 0.05 | mg 0.001 | g 0.01 | g 0.1 | ppm 0.01 | ppm 0.01 |
| OB 7099 | | 5.69 | 269 | 3.36 | 1.557 | 5.79 | 655.5 | 2.93 | 3.79 |

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To: CHAPLEAU RESOURCES
104-135 10TH AVE S
CRANBROOK BC V1C 2N1Page: 1
Date: 11-Jul-2003
Account: NJY**CERTIFICATE VA03023646**

Project : Cranbrook Gold

P.O. No:

This report is for 52 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 3-Jul-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

*Zinger***SAMPLE PREPARATION**

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Date : 11-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS

VA03023646

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| GD1146 | | | 0.009 | 0.3 | 0.12 | 24 | <10 | 10 | <0.5 | 2 | 0.01 | <0.5 | 25 | 9 | 7 | 2.09 |
| GD1147 | | | <0.005 | 0.3 | 0.02 | 5 | <10 | <10 | <0.5 | <2 | 0.01 | <0.5 | 3 | 11 | 6 | 0.81 |
| GD1148 | | | <0.005 | <0.2 | 0.25 | 28 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 8 | 4 | 4 | 1.57 |
| GD1149 | | | 0.142 | 0.2 | 0.14 | 128 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 11 | 9 | 8 | 3.04 |
| GD1150 | | | 0.021 | 0.4 | 0.08 | 11 | <10 | 30 | <0.5 | <2 | <0.01 | <0.5 | 17 | 9 | 5 | 1.20 |
| GD1151 | | | <0.005 | <0.2 | 0.23 | 3 | <10 | 30 | <0.5 | <2 | <0.01 | <0.5 | 1 | 3 | 1 | 0.53 |
| GD1152 | | | <0.005 | <0.2 | 0.23 | 38 | <10 | 30 | <0.5 | <2 | 0.01 | <0.5 | 2 | 2 | 3 | 0.71 |
| GD1153 | | | <0.005 | <0.2 | 0.12 | 20 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 14 | 4 | 3 | 1.72 |
| GD1154 | | | 0.023 | 0.8 | 0.02 | 27 | <10 | 100 | <0.5 | <2 | <0.01 | <0.5 | 43 | 8 | 4 | 2.38 |
| GD1155 | | | <0.005 | <0.2 | 0.16 | 3 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 2 | 6 | 2 | 1.07 |
| GD1156 | | | <0.005 | <0.2 | 0.02 | 3 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 8 | 4 | 0.44 |
| GD1157 | | | <0.005 | <0.2 | 0.13 | 11 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 6 | 6 | 9 | 2.18 |
| GD1158 | | | 0.009 | 0.2 | 0.08 | 20 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | <1 | 8 | 5 | 0.39 |
| GD1159 | | | <0.005 | <0.2 | 0.20 | 15 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 14 | 4 | 3 | 1.07 |
| GD1180 | | | <0.005 | 0.2 | 0.08 | 11 | <10 | <10 | <0.5 | 2 | 0.01 | <0.5 | 8 | 12 | 6 | 0.79 |
| GD1181 | | | <0.005 | <0.2 | 0.03 | 5 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 6 | 13 | 4 | 1.28 |
| GD1162 | | | 0.046 | 2.6 | 0.07 | 102 | <10 | 40 | <0.5 | 2 | <0.01 | <0.5 | 330 | 11 | 31 | 8.25 |
| OB1478 | | | <0.005 | 0.2 | 0.21 | 12 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 6 | 60 | 4 | 0.39 |
| OB1479 | | | <0.005 | <0.2 | 0.22 | 22 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 3 | 152 | 9 | 0.78 |
| OB1480 | | | <0.005 | 0.2 | 0.06 | 16 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 3 | 119 | 7 | 0.64 |
| OB1481 | | | 0.009 | 0.3 | 0.17 | 19 | <10 | 10 | <0.5 | <2 | 0.01 | <0.5 | 20 | 243 | 10 | 1.56 |
| OB1482 | | | 0.010 | <0.2 | 0.19 | 38 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 23 | 138 | 9 | 1.74 |
| OB1483 | | | 0.026 | 0.9 | 0.02 | 22 | <10 | 30 | <0.5 | 3 | <0.01 | <0.5 | 163 | 11 | 9 | 3.77 |
| OB1484 | | | 0.008 | <0.2 | 0.11 | 55 | <10 | 20 | <0.5 | 4 | <0.01 | <0.5 | 7 | 102 | 17 | 3.11 |
| OB1485 | | | <0.005 | 0.7 | 0.01 | 3 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 2 | 15 | 9 | 1.22 |
| OB1486 | | | 0.015 | 0.3 | 0.03 | 9 | <10 | 10 | <0.5 | 2 | <0.01 | <0.5 | 14 | 138 | 6 | 0.93 |
| OB1487 | | | <0.005 | <0.2 | 0.05 | <2 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 11 | 2 | 1.05 |
| OB1488 | | | 0.195 | <0.2 | 0.14 | 19 | <10 | 10 | <0.5 | 2 | <0.01 | <0.5 | 8 | 77 | 5 | 8.03 |
| OB1489 | | | <0.005 | <0.2 | 0.25 | <2 | <10 | 50 | <0.5 | 2 | <0.01 | <0.5 | 11 | 4 | 3 | 2.28 |
| OB1490 | | | 0.171 | <0.2 | 0.15 | 140 | <10 | 10 | <0.5 | 6 | <0.01 | <0.5 | 257 | 68 | 21 | 6.89 |
| OB1491 | | | 0.232 | 3.5 | 0.09 | 93 | <10 | 120 | <0.5 | 9 | <0.01 | <0.5 | 253 | 10 | 26 | 7.73 |
| OB1492 | | | <0.005 | <0.2 | 0.09 | 9 | <10 | 10 | <0.5 | 2 | <0.01 | <0.5 | 5 | 110 | 3 | 0.78 |
| OB1493 | | | 0.016 | <0.2 | 0.30 | 227 | <10 | 20 | 1.1 | <2 | <0.01 | <0.5 | 21 | 4 | 4 | 11.65 |
| OB1494 | | | <0.005 | <0.2 | 0.09 | 13 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 18 | 158 | 5 | 1.14 |
| OB1495 | | | <0.005 | 0.3 | 0.07 | 13 | <10 | <10 | <0.5 | 2 | <0.01 | <0.5 | 7 | 14 | 8 | 1.01 |
| OB1496 | | | 0.012 | <0.2 | 0.03 | 23 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 8 | 116 | 8 | 0.90 |
| OB7158 | | | 0.102 | 0.8 | 0.06 | 144 | <10 | 40 | <0.5 | <2 | 0.24 | <0.5 | 13 | 11 | 889 | 2.34 |
| OB7159 | | | 0.125 | <0.2 | 0.03 | 8 | <10 | <10 | <0.5 | 2 | 0.05 | <0.5 | 18 | 134 | 5 | 1.30 |
| OB7160 | | | 0.291 | <0.2 | 0.04 | 22 | <10 | 10 | <0.5 | <2 | 0.08 | <0.5 | 19 | 11 | 4 | 2.19 |
| OB7161 | | | <0.005 | <0.2 | 0.14 | <2 | <10 | 10 | <0.5 | 2 | <0.01 | <0.5 | 1 | 130 | 4 | 0.84 |

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Date : 11-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03023646

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| OB7162 | | | <0.005 | <0.2 | 0.08 | <2 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 15 | 2 | 0.72 |
| OB7163 | | | <0.005 | <0.2 | 0.32 | <2 | <10 | 30 | <0.5 | <2 | <0.01 | <0.5 | 1 | 61 | 6 | 0.68 |
| OB7164 | | | <0.005 | <0.2 | 0.77 | 2 | <10 | 40 | 0.8 | <2 | 0.01 | <0.5 | 12 | 16 | 4 | 2.23 |
| OB7165 | | | <0.005 | <0.2 | 0.24 | 2 | <10 | 40 | <0.5 | <2 | <0.01 | <0.5 | 3 | 88 | 3 | 0.59 |
| OB7166 | | | <0.005 | <0.2 | 0.25 | 2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 5 | 1 | 0.42 |
| OB7167 | | | <0.005 | <0.2 | 2.74 | 8 | <10 | 190 | 1.6 | <2 | 0.02 | 1.5 | 46 | 89 | 15 | 8.33 |
| OB7168 | | | <0.005 | <0.2 | 0.04 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 5 | 170 | 5 | 0.72 |
| OB7169 | | | <0.005 | <0.2 | 0.27 | 2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 2 | 89 | 3 | 0.48 |
| OB7170 | | | <0.005 | <0.2 | 0.46 | <2 | <10 | 30 | <0.5 | <2 | 0.02 | <0.5 | 4 | 44 | 2 | 0.83 |
| OB7171 | | | <0.005 | <0.2 | 0.38 | <2 | <10 | 50 | 0.6 | <2 | 0.01 | <0.5 | 12 | 146 | 7 | 1.38 |
| OB7172 | | | <0.005 | <0.2 | 1.65 | 2 | <10 | 80 | 0.5 | <2 | 0.02 | <0.5 | 9 | 19 | 16 | 1.94 |
| OB7173 | | | <0.005 | <0.2 | 1.74 | 2 | <10 | 80 | 0.5 | <2 | 0.02 | <0.5 | 9 | 18 | 17 | 1.89 |



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CERTIFICATE OF ANALYSIS

VA03023646

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 |
|--------------------|-----------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| GD1146 | | <10 | <1 | 0.07 | 10 | 0.01 | 31 | 1 | <0.01 | 5 | 160 | 66 | 0.01 | <2 | <1 | 1 |
| GD1147 | | <10 | <1 | 0.01 | <10 | <0.01 | 20 | <1 | <0.01 | 1 | 50 | 25 | <0.01 | <2 | <1 | 1 |
| GD1148 | | <10 | <1 | 0.17 | 20 | 0.01 | 27 | <1 | <0.01 | 2 | 170 | 41 | <0.01 | <2 | 1 | 1 |
| GD1149 | | <10 | <1 | 0.09 | <10 | 0.01 | 9 | <1 | <0.01 | 2 | 180 | 88 | 0.01 | <2 | <1 | 1 |
| GD1150 | | <10 | <1 | 0.06 | <10 | <0.01 | 32 | <1 | <0.01 | 3 | 70 | 17 | 0.01 | <2 | <1 | 1 |
| GD1151 | | <10 | <1 | 0.20 | 20 | 0.01 | 16 | <1 | <0.01 | <1 | 50 | 7 | <0.01 | <2 | 1 | 1 |
| GD1152 | | <10 | <1 | 0.16 | 40 | 0.01 | 21 | <1 | 0.01 | 1 | 220 | 134 | 0.01 | <2 | 1 | 3 |
| GD1153 | | <10 | <1 | 0.09 | 20 | <0.01 | 18 | <1 | <0.01 | 2 | 170 | 48 | <0.01 | <2 | <1 | 1 |
| GD1154 | | <10 | <1 | 0.01 | <10 | <0.01 | 19 | 1 | 0.01 | 5 | 150 | 87 | 0.01 | <2 | <1 | 2 |
| GD1155 | | <10 | <1 | 0.12 | 10 | 0.01 | 32 | <1 | <0.01 | 2 | 70 | 9 | <0.01 | <2 | <1 | 1 |
| GD1156 | | <10 | <1 | 0.01 | <10 | <0.01 | 18 | 1 | 0.01 | <1 | 20 | 20 | <0.01 | <2 | <1 | 1 |
| GD1157 | | <10 | <1 | 0.10 | 30 | 0.01 | 41 | 1 | <0.01 | 16 | 190 | 10 | <0.01 | <2 | <1 | 2 |
| GD1158 | | <10 | <1 | 0.08 | <10 | <0.01 | 13 | <1 | <0.01 | 1 | 30 | 97 | <0.01 | <2 | <1 | 1 |
| GD1159 | | <10 | <1 | 0.14 | 10 | 0.01 | 97 | 1 | 0.01 | 12 | 90 | 11 | <0.01 | <2 | 1 | 3 |
| GD1160 | | <10 | <1 | 0.04 | <10 | 0.01 | 47 | 1 | 0.01 | 11 | 120 | 11 | <0.01 | <2 | 1 | 3 |
| GD1161 | | <10 | <1 | 0.01 | <10 | <0.01 | 53 | 1 | 0.01 | 7 | 50 | 7 | <0.01 | <2 | <1 | 1 |
| GD1162 | | <10 | <1 | 0.04 | <10 | 0.01 | 47 | 1 | 0.01 | 52 | 270 | 203 | 0.21 | 7 | <1 | 2 |
| OB1478 | | <10 | <1 | 0.08 | 20 | 0.01 | 41 | <1 | <0.01 | 4 | 70 | 44 | <0.01 | <2 | <1 | 2 |
| OB1479 | | <10 | <1 | 0.10 | 20 | 0.01 | 21 | 1 | <0.01 | 10 | 230 | 408 | <0.01 | 2 | <1 | 4 |
| OB1480 | | <10 | <1 | 0.04 | 10 | <0.01 | 27 | 1 | <0.01 | 6 | 80 | 22 | <0.01 | 2 | <1 | 1 |
| OB1481 | | <10 | <1 | 0.06 | 10 | 0.10 | 25 | 1 | 0.01 | 18 | 110 | 32 | 0.04 | <2 | <1 | 1 |
| OB1482 | | <10 | <1 | 0.08 | 30 | 0.01 | 39 | 1 | <0.01 | 13 | 310 | 385 | 0.01 | 2 | <1 | 4 |
| OB1483 | | <10 | <1 | 0.03 | <10 | <0.01 | 34 | <1 | <0.01 | 15 | 80 | 25 | 1.87 | <2 | <1 | 1 |
| OB1484 | | <10 | <1 | 0.06 | 10 | 0.01 | 20 | 1 | <0.01 | 6 | 230 | 36 | 0.01 | <2 | <1 | 1 |
| OB1485 | | <10 | <1 | 0.01 | <10 | <0.01 | 48 | <1 | <0.01 | 3 | 20 | 12 | <0.01 | 3 | <1 | 1 |
| OB1486 | | <10 | <1 | 0.02 | <10 | <0.01 | 18 | 1 | <0.01 | 7 | 50 | 51 | <0.01 | <2 | <1 | 1 |
| OB1487 | | <10 | <1 | 0.03 | <10 | 0.01 | 104 | <1 | <0.01 | 3 | 20 | <2 | <0.01 | <2 | <1 | <1 |
| OB1488 | | <10 | <1 | 0.04 | <10 | 0.01 | 97 | 4 | <0.01 | 13 | 320 | 32 | 0.01 | <2 | <1 | 1 |
| OB1489 | | <10 | <1 | 0.17 | 10 | 0.02 | 14 | <1 | 0.01 | 4 | 260 | <2 | 0.01 | <2 | <1 | 3 |
| OB1490 | | <10 | <1 | 0.07 | 10 | 0.01 | 42 | 4 | <0.01 | 64 | 420 | 218 | 0.01 | 4 | <1 | 4 |
| OB1491 | | <10 | <1 | 0.04 | 10 | <0.01 | 18 | 9 | <0.01 | 60 | 310 | 237 | 1.17 | 7 | <1 | 3 |
| OB1492 | | <10 | <1 | 0.06 | <10 | <0.01 | 34 | 1 | 0.01 | 9 | 60 | 3 | <0.01 | <2 | 1 | 1 |
| OB1493 | | <10 | <1 | 0.13 | 30 | 0.01 | 91 | 2 | <0.01 | 18 | 970 | 54 | <0.01 | 4 | 1 | 2 |
| OB1494 | | <10 | <1 | 0.02 | <10 | <0.01 | 136 | 2 | 0.01 | 11 | 210 | 8 | <0.01 | <2 | <1 | 1 |
| OB1495 | | <10 | <1 | 0.03 | <10 | <0.01 | 32 | <1 | 0.01 | 12 | 140 | 11 | <0.01 | <2 | 1 | 2 |
| OB1496 | | <10 | <1 | 0.02 | <10 | <0.01 | 16 | 1 | 0.01 | 8 | 70 | 9 | 0.01 | <2 | <1 | 2 |
| OB7158 | | <10 | <1 | 0.01 | <10 | 0.07 | 643 | 1 | 0.01 | 39 | 130 | 6 | 0.04 | <2 | 5 | 4 |
| OB7159 | | <10 | <1 | 0.01 | <10 | 0.02 | 90 | 1 | <0.01 | 12 | 290 | 3 | <0.01 | <2 | 1 | 1 |
| OB7160 | | <10 | <1 | 0.01 | 10 | 0.02 | 198 | <1 | <0.01 | 12 | 570 | <2 | <0.01 | <2 | 1 | 2 |
| OB7161 | | <10 | <1 | 0.01 | <10 | 0.01 | 52 | 1 | <0.01 | 7 | 90 | <2 | <0.01 | <2 | 1 | 1 |

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CERTIFICATE OF ANALYSIS VA03023646

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|----------|-----------|-----------|-----------|----------|----------|-----------|----------|-----------|----------|-----------|----------|----------|
| | | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc |
| | | ppm 10 | ppm 1 | % 0.01 | ppm 10 | % 0.01 | ppm 5 | ppm 1 | % 0.01 | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 | ppm 1 |
| OB7162 | | <10 | <1 | <0.01 | 10 | <0.01 | 17 | <1 | <0.01 | 1 | 40 | <2 | <0.01 | <2 | <1 |
| OB7163 | | <10 | <1 | 0.11 | 20 | 0.14 | 138 | <1 | <0.01 | 5 | 100 | <2 | <0.01 | <2 | <1 |
| OB7164 | | <10 | <1 | 0.08 | 20 | 0.07 | 304 | <1 | <0.01 | 12 | 240 | 3 | <0.01 | <2 | 2 |
| OB7165 | | <10 | <1 | 0.03 | 10 | 0.16 | 217 | 1 | <0.01 | 7 | 30 | 3 | <0.01 | <2 | <1 |
| OB7166 | | <10 | <1 | 0.07 | 20 | 0.14 | 49 | <1 | <0.01 | 1 | 30 | 2 | <0.01 | <2 | <1 |
| OB7167 | | 10 | <1 | 0.13 | 80 | 0.91 | 781 | 1 | 0.01 | 176 | 1280 | 22 | <0.01 | <2 | 20 |
| OB7168 | | <10 | <1 | <0.01 | <10 | 0.01 | 253 | 1 | <0.01 | 9 | 30 | 2 | <0.01 | <2 | <1 |
| OB7169 | | <10 | <1 | 0.11 | 20 | 0.10 | 34 | <1 | <0.01 | 5 | 60 | 2 | <0.01 | <2 | <1 |
| OB7170 | | <10 | <1 | 0.09 | 30 | 0.07 | 92 | <1 | <0.01 | 5 | 100 | 3 | <0.01 | <2 | 1 |
| OB7171 | | <10 | <1 | 0.09 | 20 | 0.13 | 342 | 1 | <0.01 | 16 | 160 | 6 | <0.01 | <2 | 2 |
| OB7172 | | 10 | <1 | 0.14 | 30 | 0.39 | 444 | <1 | <0.01 | 11 | 260 | 10 | <0.01 | <2 | 2 |
| OB7173 | | <10 | <1 | 0.16 | 30 | 0.48 | 427 | <1 | <0.01 | 11 | 280 | 15 | <0.01 | <2 | 2 |

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CERTIFICATE OF ANALYSIS**VA03023646**

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ti % 0.01 | ME-ICP41 Ti ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 |
|--------------------|-----------------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|
| GD1146 | | <0.01 | <10 | <10 | 2 | <10 | 17 |
| GD1147 | | <0.01 | <10 | <10 | 1 | <10 | 4 |
| GD1148 | | <0.01 | <10 | <10 | 2 | <10 | 16 |
| GD1149 | | <0.01 | <10 | <10 | 2 | <10 | 18 |
| GD1150 | | <0.01 | <10 | <10 | 1 | <10 | 8 |
| GD1151 | | <0.01 | <10 | <10 | 2 | <10 | 5 |
| GD1152 | | <0.01 | <10 | <10 | 2 | <10 | 8 |
| GD1153 | | <0.01 | <10 | <10 | 1 | <10 | 9 |
| GD1154 | | <0.01 | <10 | <10 | <1 | <10 | 11 |
| GD1155 | | <0.01 | <10 | <10 | 1 | <10 | 4 |
| GD1156 | | <0.01 | <10 | <10 | <1 | <10 | 5 |
| GD1157 | | <0.01 | <10 | <10 | 1 | <10 | 80 |
| GD1158 | | <0.01 | <10 | <10 | 1 | <10 | 2 |
| GD1159 | | <0.01 | <10 | <10 | 3 | <10 | 11 |
| GD1160 | | <0.01 | <10 | <10 | 3 | <10 | 8 |
| GD1161 | | <0.01 | <10 | <10 | 1 | <10 | 3 |
| GD1162 | | <0.01 | <10 | <10 | 2 | <10 | 202 |
| OB1478 | | <0.01 | <10 | <10 | 1 | <10 | 13 |
| OB1479 | | <0.01 | <10 | <10 | 2 | <10 | 24 |
| OB1480 | | <0.01 | <10 | <10 | 1 | <10 | 10 |
| OB1481 | | <0.01 | <10 | <10 | 3 | <10 | 23 |
| OB1482 | | <0.01 | <10 | <10 | 2 | <10 | 37 |
| OB1483 | | <0.01 | <10 | <10 | 1 | <10 | 5 |
| OB1484 | | <0.01 | <10 | <10 | 2 | <10 | 18 |
| OB1485 | | <0.01 | <10 | <10 | <1 | <10 | 4 |
| OB1486 | | <0.01 | <10 | <10 | 1 | <10 | 7 |
| OB1487 | | <0.01 | <10 | <10 | 1 | <10 | 3 |
| OB1488 | | <0.01 | <10 | 20 | 5 | <10 | 37 |
| OB1489 | | <0.01 | <10 | <10 | 3 | <10 | 2 |
| OB1490 | | <0.01 | <10 | 10 | 4 | <10 | 50 |
| OB1491 | | <0.01 | <10 | 10 | 3 | <10 | 36 |
| OB1492 | | <0.01 | <10 | <10 | 2 | <10 | 5 |
| OB1493 | | <0.01 | <10 | 20 | 3 | <10 | 64 |
| OB1494 | | <0.01 | <10 | <10 | 3 | <10 | 12 |
| OB1495 | | <0.01 | <10 | <10 | 3 | <10 | 8 |
| OB1496 | | <0.01 | <10 | <10 | 1 | <10 | 3 |
| OB7158 | | <0.01 | <10 | <10 | 6 | <10 | 11 |
| OB7159 | | <0.01 | <10 | <10 | 5 | <10 | 6 |
| OB7160 | | <0.01 | <10 | <10 | 12 | <10 | 14 |
| OB7161 | | <0.01 | <10 | <10 | 4 | <10 | 7 |

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Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03023646

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ti | Ti | U | V | W | Zn |
| | | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| OB7162 | | <0.01 | <10 | <10 | 2 | <10 | 2 |
| OB7163 | | <0.01 | <10 | <10 | 3 | <10 | 8 |
| OB7164 | | 0.01 | <10 | 10 | 12 | <10 | 20 |
| OB7165 | | <0.01 | <10 | <10 | 1 | <10 | 11 |
| OB7166 | | <0.01 | <10 | <10 | 1 | <10 | 6 |
| OB7167 | | 0.02 | <10 | 60 | 81 | <10 | 118 |
| OB7168 | | <0.01 | <10 | <10 | 2 | <10 | 6 |
| OB7169 | | <0.01 | <10 | <10 | 1 | <10 | 7 |
| OB7170 | | <0.01 | <10 | <10 | 3 | <10 | 12 |
| OB7171 | | <0.01 | <10 | <10 | 5 | <10 | 22 |
| OB7172 | | 0.02 | <10 | <10 | 10 | <10 | 47 |
| OB7173 | | 0.02 | <10 | <10 | 10 | <10 | 46 |

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CERTIFICATE VA03023647

Project : Cransbrook Gold

P.O. No:

This report is for 53 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 3-Jul-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

*Zinger***SAMPLE PREPARATION**

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

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Project : Cransbrook Gold

CERTIFICATE OF ANALYSIS VA03023647

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | Au-AA24 Au Check ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|-------------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|
| OB7196 | | 1.24 | 0.207 | | <0.2 | 0.16 | 2 | <10 | 140 | <0.5 | <2 | <0.01 | <0.5 | 1 | 5 | 1 |
| OB7197 | | 1.10 | 0.116 | | <0.2 | 0.13 | 2 | <10 | 50 | <0.5 | <2 | <0.01 | <0.5 | 2 | 4 | 1 |
| OB7198 | | 1.66 | 0.039 | | <0.2 | 0.30 | <2 | <10 | 50 | <0.5 | <2 | <0.01 | <0.5 | 3 | 5 | 2 |
| OB7199 | | 1.28 | <0.005 | | <0.2 | 0.35 | <2 | <10 | 40 | <0.5 | <2 | <0.01 | <0.5 | 2 | 3 | 1 |
| OB7200 | | 1.02 | <0.005 | | <0.2 | 0.15 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 2 | 4 | 1 |
| OB7201 | | 1.42 | <0.005 | | <0.2 | 0.15 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 2 | 4 | 1 |
| OB7202 | | 1.40 | <0.005 | | <0.2 | 0.16 | <2 | <10 | 30 | <0.5 | <2 | 1.20 | <0.5 | 1 | 3 | 1 |
| OB7203 | | 1.26 | 0.113 | | <0.2 | 0.23 | <2 | <10 | 290 | <0.5 | <2 | <0.01 | <0.5 | 4 | 2 | 1 |
| OB7204 | | 1.50 | <0.005 | | <0.2 | 0.10 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 3 | 4 | 1 |
| OB7205 | | 1.60 | 0.055 | | <0.2 | 0.16 | <2 | <10 | 10 | <0.5 | <2 | 0.02 | <0.5 | 3 | 4 | 1 |
| OB7206 | | 1.50 | <0.005 | | <0.2 | 0.11 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 3 | 2 |
| OB7207 | | 1.42 | <0.005 | | <0.2 | 0.19 | <2 | <10 | 50 | <0.5 | <2 | 0.01 | <0.5 | 3 | 7 | 1 |
| OB7208 | | 0.92 | <0.005 | | <0.2 | 0.06 | <2 | <10 | 20 | <0.5 | 3 | <0.01 | <0.5 | 2 | 8 | 2 |

Comments: Au AA24 check value for OB7186 : 0.210 ppm, sample exhibits Au nugget effect.



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Project : Cransbrook Gold

CERTIFICATE OF ANALYSIS

VA03023647

| Sample Description | Method Analyte Units LOR | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 |
|--------------------|-----------------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| GD1163 | | 0.39 | <10 | <1 | 0.15 | 20 | 0.01 | 9 | 1 | <0.01 | 4 | 90 | 177 | <0.01 | <2 | <1 |
| GD1164 | | 0.46 | <10 | <1 | 0.10 | 10 | 0.01 | 15 | 1 | <0.01 | 3 | 70 | 5 | <0.01 | <2 | <1 |
| GD1165 | | 1.14 | <10 | <1 | 0.06 | <10 | 0.01 | 13 | 3 | <0.01 | 1 | 90 | 6 | <0.01 | <2 | <1 |
| GD1166 | | 0.96 | <10 | <1 | 0.08 | 10 | 0.01 | 31 | 1 | <0.01 | 4 | 130 | 13 | <0.01 | <2 | <1 |
| GD1167 | | 2.36 | <10 | <1 | 0.14 | 20 | 0.01 | 8 | 2 | <0.01 | 2 | 460 | 36 | <0.01 | <2 | 1 |
| GD1168 | | 0.95 | <10 | <1 | 0.06 | 10 | 0.01 | 13 | 14 | <0.01 | 3 | 60 | 7 | <0.01 | <2 | <1 |
| GD1169 | | 1.79 | <10 | <1 | 0.06 | <10 | 0.01 | 8 | 14 | <0.01 | 2 | 100 | 18 | 0.01 | <2 | <1 |
| GD1170 | | 1.58 | <10 | <1 | 0.05 | <10 | <0.01 | 16 | 1 | <0.01 | 7 | 190 | 19 | 0.10 | 2 | <1 |
| GD1171 | | 1.46 | <10 | <1 | 0.07 | <10 | 0.14 | 11 | <1 | 0.01 | 6 | 60 | 3 | 0.37 | <2 | <1 |
| OB1497 | | 0.47 | <10 | <1 | 0.07 | 20 | 0.01 | 32 | <1 | <0.01 | 4 | 40 | 2 | <0.01 | <2 | <1 |
| OB1498 | | 1.14 | <10 | <1 | 0.01 | <10 | <0.01 | 13 | <1 | <0.01 | 3 | 30 | 45 | <0.01 | 2 | <1 |
| OB1499 | | 0.59 | <10 | <1 | 0.01 | <10 | <0.01 | 22 | 1 | 0.01 | 7 | 10 | 3 | <0.01 | <2 | <1 |
| OB1500 | | 1.18 | <10 | <1 | 0.05 | 50 | 0.01 | 161 | <1 | <0.01 | 11 | 70 | 3 | <0.01 | <2 | <1 |
| OB1501 | | 6.36 | <10 | <1 | 0.01 | 10 | 0.01 | 21 | 4 | <0.01 | 18 | 650 | 154 | 0.01 | 4 | <1 |
| OB1502 | | 14.2 | <10 | <1 | 0.02 | 20 | 0.03 | 21 | 8 | <0.01 | 110 | 2680 | 273 | 0.04 | 9 | 1 |
| OB1503 | | 3.62 | <10 | <1 | 0.01 | <10 | 0.01 | 88 | 3 | <0.01 | 13 | 210 | 110 | 0.01 | 9 | 1 |
| OB1504 | | 7.03 | <10 | <1 | 0.08 | <10 | 0.01 | 8 | 1 | 0.01 | 12 | 330 | 6 | 0.05 | <2 | <1 |
| OB1505 | | 6.94 | <10 | <1 | 0.05 | <10 | <0.01 | 14 | 3 | <0.01 | 12 | 720 | 12 | 0.02 | <2 | <1 |
| OB1506 | | 9.44 | <10 | <1 | 0.09 | 10 | 0.03 | 15 | 2 | <0.01 | 13 | 890 | 10 | 0.03 | <2 | <1 |
| OB1507 | | 10.10 | <10 | <1 | 0.11 | 50 | 0.01 | 33 | 9 | 0.01 | 22 | 2410 | 341 | 0.05 | <2 | 2 |
| OB1508 | | 3.41 | <10 | <1 | 0.10 | 20 | 0.01 | 12 | 8 | <0.01 | <1 | 560 | 124 | 0.01 | <2 | 1 |
| OB1509 | | 12.0 | <10 | <1 | 0.08 | 40 | <0.01 | 44 | 9 | <0.01 | 57 | 3200 | 300 | 0.02 | 2 | 1 |
| OB1510 | | 1.95 | <10 | <1 | 0.03 | <10 | <0.01 | 19 | 2 | <0.01 | 6 | 230 | 50 | <0.01 | 2 | 2 |
| OB1511 | | 2.09 | <10 | <1 | 0.03 | <10 | <0.01 | 92 | 1 | <0.01 | 5 | 170 | 42 | <0.01 | <2 | <1 |
| OB1512 | | 1.33 | <10 | <1 | 0.01 | <10 | <0.01 | 17 | 1 | <0.01 | 4 | 110 | 2850 | 0.03 | 8 | <1 |
| OB1513 | | 1.05 | <10 | <1 | 0.12 | 20 | 0.15 | 35 | 1 | <0.01 | 2 | 110 | 9 | <0.01 | <2 | 1 |
| OB1514 | | 2.06 | <10 | <1 | 0.02 | <10 | <0.01 | 12 | 4 | 0.01 | 4 | 190 | 89 | 0.01 | <2 | <1 |
| OB1515 | | 3.72 | <10 | <1 | 0.02 | <10 | <0.01 | 15 | 2 | <0.01 | 27 | <10 | 19 | 3.44 | <2 | <1 |
| OB7184 | | 1.18 | <10 | <1 | 0.02 | 70 | 0.01 | 86 | <1 | 0.01 | 1 | 90 | 6 | <0.01 | <2 | <1 |
| OB7185 | | 1.37 | <10 | <1 | 0.10 | 20 | 0.01 | 139 | <1 | 0.01 | 5 | 70 | 2 | <0.01 | <2 | 1 |
| OB7186 | | 1.26 | <10 | <1 | 0.04 | 10 | 0.02 | 144 | <1 | 0.03 | 4 | 160 | 22 | 0.03 | <2 | 1 |
| OB7187 | | 0.68 | <10 | <1 | 0.13 | 20 | 0.01 | 22 | <1 | <0.01 | 2 | 60 | 7 | 0.01 | <2 | <1 |
| OB7188 | | 1.04 | <10 | <1 | 0.19 | 20 | 0.02 | 53 | <1 | 0.01 | 5 | 70 | 12 | 0.10 | <2 | <1 |
| OB7189 | | 2.71 | <10 | <1 | 0.12 | 10 | 0.01 | 30 | 1 | 0.02 | 6 | 210 | 38 | 0.06 | <2 | 1 |
| OB7190 | | 0.60 | <10 | <1 | 0.09 | 20 | 0.01 | 14 | 1 | 0.01 | 4 | 40 | 11 | <0.01 | <2 | <1 |
| OB7191 | | 1.16 | <10 | <1 | 0.13 | 20 | 0.01 | 24 | 1 | <0.01 | 3 | 100 | 47 | 0.01 | <2 | <1 |
| OB7192 | | 1.82 | <10 | <1 | 0.04 | 10 | 0.01 | 40 | <1 | <0.01 | 4 | 90 | 6 | <0.01 | <2 | <1 |
| OB7193 | | 0.99 | <10 | <1 | 0.11 | 40 | 0.01 | 42 | 1 | 0.01 | 5 | 90 | 7 | 0.01 | <2 | <1 |
| OB7194 | | 1.45 | <10 | <1 | 0.08 | 20 | 0.01 | 90 | <1 | 0.02 | 1 | 90 | <2 | <0.01 | <2 | 1 |
| OB7195 | | 2.81 | <10 | <1 | 0.06 | 30 | 0.02 | 242 | <1 | 0.01 | 5 | 90 | 4 | <0.01 | <2 | <1 |

Comments: Au AA24 check value for OB7186 : 0.210 ppm, sample exhibits Au nugget effect.

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CERTIFICATE OF ANALYSIS VA03023647

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|-----------|-----------|----------|-----------|----------|-----------|-----------|----------|-----------|----------|-----------|----------|-----------|
| | | Fe % | Ga ppm | Hg ppm | K % | La ppm | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | P ppm | Pb ppm | S % | Sb ppm |
| | | 0.01 | 10 | 1 | 0.01 | 10 | 0.01 | 5 | 1 | 0.01 | 1 | 10 | 2 | 0.01 | 2 |
| OB7196 | | 0.75 | <10 | <1 | 0.13 | 10 | 0.01 | 23 | 1 | <0.01 | 1 | 50 | 56 | 0.01 | <2 |
| OB7197 | | 0.75 | <10 | <1 | 0.11 | 20 | 0.01 | 22 | 1 | <0.01 | 1 | 70 | 13 | <0.01 | <2 |
| OB7198 | | 1.41 | <10 | <1 | 0.06 | 30 | 0.04 | 390 | <1 | 0.01 | 4 | 80 | <2 | <0.01 | <2 |
| OB7199 | | 0.73 | <10 | <1 | 0.08 | 20 | 0.07 | 105 | <1 | 0.02 | 2 | 100 | 3 | <0.01 | <2 |
| OB7200 | | 0.87 | <10 | <1 | 0.03 | 30 | 0.02 | 86 | <1 | 0.02 | 2 | 100 | <2 | <0.01 | <2 |
| OB7201 | | 0.90 | <10 | <1 | 0.03 | 30 | 0.02 | 88 | <1 | 0.02 | 2 | 100 | 2 | <0.01 | <2 |
| OB7202 | | 0.82 | <10 | <1 | 0.02 | <10 | 0.67 | 626 | <1 | 0.05 | 2 | 260 | 4 | <0.01 | <2 |
| OB7203 | | 0.89 | <10 | <1 | 0.14 | 40 | 0.02 | 50 | <1 | 0.01 | 3 | 90 | 2 | 0.02 | <2 |
| OB7204 | | 0.88 | <10 | <1 | 0.03 | 10 | 0.02 | 71 | <1 | 0.01 | 2 | 40 | 4 | <0.01 | <2 |
| OB7205 | | 1.22 | <10 | 1 | 0.06 | 20 | 0.01 | 48 | <1 | 0.02 | 4 | 180 | 4 | <0.01 | <2 |
| OB7206 | | 0.66 | <10 | <1 | 0.03 | 10 | 0.01 | 24 | 2 | 0.01 | 1 | 50 | 2 | 0.01 | <2 |
| OB7207 | | 0.90 | <10 | <1 | 0.03 | 20 | 0.01 | 184 | <1 | 0.03 | 3 | 60 | <2 | <0.01 | <2 |
| OB7208 | | 0.76 | <10 | <1 | 0.05 | <10 | <0.01 | 27 | 1 | 0.01 | <1 | 20 | 6 | 0.06 | <2 |

Comments: Au AA24 check value for OB7186 : 0.210 ppm, sample exhibits Au nugget effect.

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CERTIFICATE OF ANALYSIS VA03023647

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------------|-----------------|-----------------|----------------|---------------|----------------|----------------|
| | | Sr ppm 1 | Tl % 0.01 | Tl ppm 10 | U ppm 10 | V ppm 1 | W ppm 10 | Zn ppm 2 |
| GD1163 | | 2 | <0.01 | <10 | <10 | 2 | <10 | <2 |
| GD1164 | | 1 | <0.01 | <10 | <10 | 2 | <10 | 2 |
| GD1165 | | 1 | <0.01 | <10 | <10 | 1 | <10 | <2 |
| GD1166 | | 2 | <0.01 | <10 | <10 | 2 | <10 | 2 |
| GD1167 | | 2 | <0.01 | <10 | <10 | 2 | <10 | 5 |
| GD1168 | | 1 | <0.01 | <10 | <10 | 1 | <10 | 2 |
| GD1169 | | <1 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| GD1170 | | 1 | <0.01 | <10 | <10 | 1 | <10 | 4 |
| GD1171 | | 2 | <0.01 | <10 | <10 | 1 | <10 | 2 |
| OB1497 | | 1 | <0.01 | <10 | <10 | 1 | <10 | <2 |
| OB1498 | | 1 | <0.01 | <10 | <10 | <1 | <10 | 5 |
| OB1499 | | 1 | <0.01 | <10 | <10 | 1 | <10 | 2 |
| OB1500 | | 2 | <0.01 | <10 | <10 | 1 | <10 | 3 |
| OB1501 | | 1 | <0.01 | <10 | <10 | 2 | 10 | 22 |
| OB1502 | | 3 | <0.01 | <10 | 10 | 7 | 20 | 45 |
| OB1503 | | <1 | <0.01 | <10 | <10 | 3 | <10 | 34 |
| OB1504 | | 1 | <0.01 | <10 | <10 | 2 | <10 | 3 |
| OB1505 | | 1 | <0.01 | <10 | <10 | 3 | <10 | 4 |
| OB1506 | | 5 | <0.01 | <10 | <10 | 4 | <10 | 7 |
| OB1507 | | 16 | <0.01 | <10 | 10 | 19 | <10 | 19 |
| OB1508 | | 2 | <0.01 | <10 | <10 | 5 | <10 | 4 |
| OB1509 | | 9 | <0.01 | <10 | 10 | 16 | <10 | 78 |
| OB1510 | | <1 | <0.01 | <10 | <10 | 3 | <10 | 25 |
| OB1511 | | <1 | <0.01 | <10 | <10 | 1 | <10 | 13 |
| OB1512 | | 1 | <0.01 | <10 | <10 | <1 | <10 | 8 |
| OB1513 | | 1 | <0.01 | <10 | <10 | 1 | <10 | 8 |
| OB1514 | | 1 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| OB1515 | | <1 | <0.01 | <10 | <10 | 1 | <10 | <2 |
| OB7184 | | 2 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| OB7185 | | 1 | <0.01 | <10 | <10 | 1 | <10 | 36 |
| OB7186 | | 2 | <0.01 | <10 | <10 | 1 | <10 | 7 |
| OB7187 | | 1 | <0.01 | <10 | <10 | 1 | <10 | 2 |
| OB7188 | | 1 | <0.01 | <10 | <10 | 2 | <10 | 4 |
| OB7189 | | 5 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| OB7190 | | 1 | <0.01 | <10 | <10 | 1 | <10 | 3 |
| OB7191 | | 2 | <0.01 | <10 | <10 | 1 | <10 | 2 |
| OB7192 | | 1 | <0.01 | <10 | <10 | <1 | <10 | 2 |
| OB7193 | | 2 | <0.01 | <10 | <10 | 1 | <10 | 5 |
| OB7194 | | 1 | <0.01 | <10 | <10 | 1 | <10 | 11 |
| OB7195 | | 1 | <0.01 | <10 | <10 | 4 | <10 | 31 |

Comments: Au AA24 check value for OB7186 : 0.210 ppm, sample exhibits Au nugget effect.

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To: CHAPLEAU RESOURCES

104-135 10TH AVE S

CRANBROOK BC V1C 2N1

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Total # of pages : 3 (A - C)

Date : 11-Jul-2003

Account: NJY

Project : Cransbrook Gold

CERTIFICATE OF ANALYSIS**VA03023647**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------------|-----------------|-----------------|----------------|---------------|----------------|----------------|
| | | Sr ppm 1 | TI % 0.01 | TI ppm 10 | U ppm 10 | V ppm 1 | W ppm 10 | Zn ppm 2 |
| OB7196 | | 2 | <0.01 | <10 | <10 | <1 | <10 | <2 |
| OB7197 | | 1 | <0.01 | <10 | <10 | 1 | <10 | 3 |
| OB7198 | | 1 | <0.01 | <10 | <10 | 1 | <10 | 23 |
| OB7199 | | 1 | <0.01 | <10 | <10 | 2 | <10 | 10 |
| OB7200 | | 1 | <0.01 | <10 | <10 | 1 | <10 | 9 |
| OB7201 | | 1 | <0.01 | <10 | <10 | 1 | <10 | 9 |
| OB7202 | | 9 | <0.01 | <10 | <10 | 1 | <10 | 15 |
| OB7203 | | 3 | <0.01 | <10 | <10 | 1 | <10 | 8 |
| OB7204 | | 1 | <0.01 | <10 | <10 | 1 | <10 | 10 |
| OB7205 | | 2 | <0.01 | <10 | <10 | 1 | <10 | 17 |
| OB7206 | | 2 | <0.01 | <10 | <10 | <1 | <10 | 5 |
| OB7207 | | 2 | <0.01 | <10 | <10 | 1 | <10 | 7 |
| OB7208 | | 1 | <0.01 | <10 | <10 | <1 | <10 | <2 |

Comments: Au AA24 check value for OB7186 : 0.210 ppm, sample exhibits Au nugget effect.

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To: CHAPLEAU RESOURCES
104-135 10TH AVE S
CRANBROOK BC V1C 2N1Page # 1
Date : 14-Jul-2003
Account: NJY*Zinger***CERTIFICATE VA03023748**

Project : Cransbrook Gold

P.O. No:

This report is for 63 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 5-Jul-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rod w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Page #: 2 - A

Total # of pages : 3 (A - C)

Date : 14-Jul-2003

Account: NJY

Project : Cransbrook Gold

CERTIFICATE OF ANALYSIS

VA03023748

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| OB 1516 | | 1.38 | 0.013 | 0.2 | 0.16 | 54 | 20 | 10 | <0.5 | <2 | <0.01 | 1.0 | 166 | 8 | 12 | 9.84 |
| OB 1517 | | 0.92 | 0.031 | <0.2 | 0.12 | <2 | <10 | 10 | <0.5 | <2 | 0.03 | <0.5 | 3 | 313 | 9 | 1.31 |
| OB 1518 | | 1.68 | <0.005 | <0.2 | 0.08 | 5 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 2 | 17 | 2 | 0.95 |
| OB 1519 | | 1.32 | <0.005 | <0.2 | 0.08 | 4 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 2 | 266 | 8 | 0.96 |
| OB 1520 | | 1.50 | 0.013 | 0.8 | 0.03 | 13 | <10 | 60 | <0.5 | <2 | <0.01 | <0.5 | 27 | 242 | 20 | 1.98 |
| OB 1521 | | 1.48 | <0.005 | <0.2 | 0.27 | 15 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 52 | 185 | 6 | 2.73 |
| OB 1522 | | 1.26 | 0.008 | 0.2 | 1.45 | 48 | <10 | <10 | <0.5 | 2 | 0.01 | <0.5 | 44 | 12 | 7 | 3.84 |
| OB 1523 | | 1.46 | <0.005 | <0.2 | 0.02 | 6 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 25 | 14 | 1 | 0.99 |
| OB 1524 | | 1.48 | <0.005 | <0.2 | 0.08 | 20 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 54 | 11 | 4 | 2.85 |
| OB 1525 | | 1.26 | 0.014 | 0.2 | 0.20 | 55 | <10 | 30 | <0.5 | 2 | <0.01 | 0.7 | 287 | 9 | 6 | 9.93 |
| OB 1526 | | 1.90 | <0.005 | <0.2 | 3.56 | 6 | <10 | 10 | <0.5 | <2 | 0.08 | <0.5 | 11 | 22 | 1 | 2.19 |
| OB 1527 | | 1.54 | <0.005 | <0.2 | 2.81 | 10 | <10 | 10 | <0.5 | <2 | 0.02 | <0.5 | 26 | 17 | 1 | 1.76 |
| OB 1528 | | 1.52 | 0.008 | 0.2 | 0.08 | 97 | <10 | 20 | <0.5 | <2 | <0.01 | 1.8 | 107 | 8 | 8 | >15 |
| OB 1529 | | 1.44 | <0.005 | <0.2 | 0.09 | 45 | <10 | 10 | <0.5 | <2 | <0.01 | 0.6 | 52 | 10 | 10 | 8.40 |
| OB 1530 | | 1.24 | <0.005 | <0.2 | 0.07 | 4 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 4 | 10 | 6 | 1.64 |
| OB 1531 | | 1.26 | <0.005 | 0.4 | 0.03 | 6 | <10 | <10 | <0.5 | <2 | 0.01 | <0.5 | 8 | 16 | 23 | 1.57 |
| OB 1532 | | 1.32 | <0.005 | <0.2 | 0.20 | 7 | <10 | 20 | <0.5 | <2 | 11.40 | 2.0 | 5 | 2 | 4 | 2.57 |
| OB 1533 | | 0.88 | <0.005 | <0.2 | 0.84 | 44 | <10 | 30 | <0.5 | 3 | 5.64 | 0.7 | 13 | 6 | 99 | 3.24 |
| OB 1534 | | 1.16 | 0.452 | <0.2 | 0.02 | 3 | <10 | <10 | <0.5 | <2 | 0.02 | <0.5 | 3 | 11 | 3 | 1.64 |
| OB 1535 | | 1.86 | 0.073 | <0.2 | 0.03 | 2 | <10 | <10 | <0.5 | <2 | 0.01 | <0.5 | 3 | 15 | 3 | 1.24 |
| OB 1536 | | 1.04 | 0.096 | <0.2 | 0.01 | <2 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 2 | 12 | 3 | 1.65 |
| OB 1538 | | 1.14 | <0.005 | <0.2 | 0.22 | 16 | <10 | 60 | <0.5 | 2 | 4.86 | 0.6 | 11 | 8 | 7 | 2.42 |
| OB 1539 | | 1.56 | <0.005 | <0.2 | 0.04 | 4 | <10 | 40 | <0.5 | <2 | 0.01 | <0.5 | 7 | 8 | 3 | 2.56 |
| OB 7174 | | 0.90 | <0.005 | <0.2 | 0.08 | 5 | <10 | 10 | <0.5 | 3 | 0.01 | <0.5 | 114 | 13 | 29 | 3.90 |
| OB 7175 | | 0.88 | <0.005 | <0.2 | 0.45 | 2 | <10 | 50 | <0.5 | <2 | <0.01 | <0.5 | 17 | 6 | 23 | 2.70 |
| OB 7176 | | 1.68 | 0.008 | 0.2 | 0.12 | 10 | <10 | 540 | <0.5 | 6 | <0.01 | <0.5 | 252 | 9 | 63 | 7.29 |
| OB 7177 | | 0.98 | 0.012 | 0.5 | 0.02 | <2 | <10 | 390 | <0.5 | 2 | <0.01 | <0.5 | 48 | 12 | 5 | 3.89 |
| OB 7178 | | 1.20 | 0.012 | 0.2 | 0.15 | 15 | <10 | 30 | 0.5 | 6 | <0.01 | <0.5 | 292 | 7 | 13 | 11.50 |
| OB 7179 | | 0.88 | 0.020 | 0.3 | 0.09 | 17 | <10 | 40 | 0.5 | 6 | <0.01 | <0.5 | 207 | 7 | 14 | 10.30 |
| OB 7180 | | 1.06 | 0.016 | 0.5 | 0.02 | 2 | <10 | 320 | <0.5 | 2 | 0.01 | <0.5 | 90 | 19 | 6 | 4.13 |
| OB 7181 | | 1.60 | 0.702 | <0.2 | 0.24 | <2 | <10 | 120 | <0.5 | <2 | <0.01 | <0.5 | 3 | 5 | 3 | 1.78 |
| OB 7182 | | 1.06 | <0.005 | <0.2 | 0.11 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 16 | 11 | 11 | 2.31 |
| OB 7183 | | 1.12 | 0.017 | 6.0 | 0.03 | 23 | <10 | <10 | <0.5 | 17 | <0.01 | <0.5 | 3 | 9 | 15 | 2.43 |
| OB 7209 | | 0.98 | <0.005 | <0.2 | 0.25 | 2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 4 | 7 | 7 | 2.17 |
| OB 7210 | | 1.36 | <0.005 | <0.2 | 0.30 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 5 | 3 | 3 | 0.51 |
| OB 7211 | | 1.16 | 0.005 | 0.7 | 0.04 | 26 | <10 | <10 | <0.5 | 3 | <0.01 | <0.5 | 5 | 257 | 11 | 1.96 |
| OB 7212 | | 1.16 | 0.175 | <0.2 | 0.04 | 6 | <10 | <10 | <0.5 | 2 | <0.01 | <0.5 | 27 | 8 | 4 | 2.61 |
| OB 7213 | | 1.22 | 0.005 | 0.6 | 0.03 | 7 | <10 | 10 | <0.5 | 2 | <0.01 | <0.5 | 65 | 21 | 6 | 2.41 |
| OB 7214 | | 1.70 | 0.059 | 2.1 | 0.07 | 2 | <10 | 240 | <0.5 | 6 | <0.01 | <0.5 | 103 | 9 | 66 | 2.87 |
| OB 7215 | | 1.50 | 0.048 | 2.3 | 0.07 | 2 | <10 | 210 | <0.5 | 6 | <0.01 | <0.5 | 97 | 14 | 65 | 3.37 |

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Project : Cransbrook Gold

CERTIFICATE OF ANALYSIS VA03023748

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| OB 7216 | | 1.46 | 0.016 | 1.5 | 0.11 | 2 | <10 | 50 | <0.5 | 4 | <0.01 | <0.5 | 196 | 8 | 245 | 8.36 |
| OB 7217 | | 1.56 | 0.033 | 1.7 | 0.09 | 2 | <10 | 240 | <0.5 | 11 | <0.01 | <0.5 | 124 | 8 | 231 | 8.68 |
| OB 7218 | | 1.28 | 0.011 | 0.3 | 0.06 | <2 | <10 | 210 | <0.5 | 4 | <0.01 | <0.5 | 20 | 10 | 40 | 2.82 |
| OB 7219 | | 1.38 | 1.255 | <0.2 | 0.31 | 2 | <10 | 30 | <0.5 | <2 | <0.01 | <0.5 | 4 | 115 | 11 | 1.94 |
| OB 7220 | | 1.40 | 0.138 | <0.2 | 0.20 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 3 | 187 | 8 | 1.42 |
| OB 7221 | | 1.88 | 0.042 | <0.2 | 0.22 | 3 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 2 | 88 | 5 | 0.90 |
| OB 7222 | | 1.08 | 0.024 | <0.2 | 0.17 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 8 | 3 | 0.91 |
| OB 7223 | | 1.12 | 0.104 | <0.2 | 0.34 | <2 | <10 | 80 | <0.5 | <2 | <0.01 | <0.5 | 1 | 5 | 3 | 0.74 |
| OB 7224 | | 1.62 | 0.060 | <0.2 | 0.30 | 2 | <10 | 120 | <0.5 | <2 | <0.01 | <0.5 | 1 | 147 | 6 | 0.88 |
| OB 7225 | | 1.82 | 1.085 | 0.4 | 0.22 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 2 | 294 | 10 | 1.28 |
| OB 7226 | | 2.02 | 0.509 | <0.2 | 0.35 | 2 | <10 | 100 | <0.5 | <2 | <0.01 | <0.5 | 1 | 8 | 3 | 1.36 |
| OB 7227 | | 1.00 | 0.453 | <0.2 | 0.23 | <2 | <10 | 400 | <0.5 | <2 | <0.01 | <0.5 | 1 | 7 | 3 | 1.41 |
| OB 7228 | | 1.54 | 0.006 | <0.2 | 0.17 | 2 | <10 | 10 | <0.5 | 2 | <0.01 | <0.5 | 29 | 6 | 5 | 2.54 |
| OB 7229 | | 1.46 | 0.341 | <0.2 | 0.26 | <2 | <10 | 40 | <0.5 | <2 | <0.01 | <0.5 | 2 | 5 | 3 | 1.58 |
| OB 7230 | | 1.50 | 0.126 | <0.2 | 0.43 | <2 | <10 | 210 | <0.5 | <2 | 0.02 | <0.5 | 2 | 184 | 12 | 0.87 |
| GD-1172 | | 0.94 | <0.005 | <0.2 | 0.09 | 6 | 10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 3 | 9 | 2 | 1.84 |
| GD-1173 | | 1.44 | 0.139 | <0.2 | 0.29 | 10 | <10 | 50 | <0.5 | 3 | <0.01 | <0.5 | 79 | 355 | 11 | 4.59 |
| GD-1174 | | 2.12 | <0.005 | <0.2 | 2.70 | 13 | <10 | 40 | <0.5 | <2 | <0.01 | <0.5 | 84 | 268 | 12 | 4.97 |
| GD-1175 | | 1.24 | <0.005 | <0.2 | 1.11 | 16 | <10 | 30 | <0.5 | <2 | 0.17 | <0.5 | 8 | 9 | 8 | 3.39 |
| GD-1176 | | 0.94 | 0.009 | <0.2 | 0.17 | 26 | <10 | 10 | <0.5 | 4 | <0.01 | <0.5 | 188 | 351 | 11 | 5.98 |
| GD-1177 | | 1.34 | <0.005 | <0.2 | 1.18 | <2 | <10 | 40 | <0.5 | <2 | 0.11 | <0.5 | 8 | 12 | 2 | 2.13 |
| GD-1178 | | 1.84 | <0.005 | <0.2 | 0.17 | 9 | <10 | 80 | <0.5 | <2 | 0.01 | <0.5 | 14 | 420 | 18 | 5.11 |



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CERTIFICATE OF ANALYSIS VA03023748

| Method Analyte Units LOR | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 |
|-----------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Sample Description | | | | | | | | | | | | | | | |
| OB 1516 | <10 | <1 | 0.03 | 90 | 0.04 | 59 | 1 | <0.01 | 70 | 700 | 11 | 0.01 | 3 | 1 | 3 |
| OB 1517 | <10 | <1 | 0.02 | 10 | 0.01 | 148 | 1 | 0.03 | 13 | 150 | 11 | <0.01 | <2 | 1 | 2 |
| OB 1518 | <10 | <1 | 0.03 | <10 | <0.01 | 27 | 1 | <0.01 | 3 | 50 | <2 | <0.01 | <2 | <1 | 1 |
| OB 1519 | <10 | <1 | 0.04 | <10 | <0.01 | 17 | 1 | 0.01 | 12 | 30 | <2 | <0.01 | <2 | <1 | 1 |
| OB 1520 | <10 | <1 | 0.02 | <10 | <0.01 | 18 | 1 | <0.01 | 12 | 60 | 45 | 0.05 | 4 | <1 | 1 |
| OB 1521 | <10 | <1 | 0.02 | <10 | 0.22 | 29 | 1 | <0.01 | 14 | 180 | 3 | 0.01 | <2 | 1 | 1 |
| OB 1522 | <10 | <1 | 0.02 | <10 | 2.05 | 49 | 1 | <0.01 | 11 | 140 | 5 | <0.01 | 3 | 2 | 1 |
| OB 1523 | <10 | <1 | <0.01 | <10 | 0.01 | 43 | <1 | <0.01 | 3 | 30 | <2 | <0.01 | <2 | <1 | <1 |
| OB 1524 | <10 | <1 | 0.03 | <10 | 0.02 | 73 | <1 | <0.01 | 10 | 130 | <2 | <0.01 | 2 | 1 | 1 |
| OB 1525 | <10 | <1 | 0.07 | 10 | 0.05 | 56 | 2 | <0.01 | 89 | 540 | 3 | 4.89 | 2 | 1 | 2 |
| OB 1526 | 10 | <1 | 0.02 | 20 | 5.13 | 54 | <1 | <0.01 | 17 | 410 | <2 | <0.01 | <2 | 2 | 2 |
| OB 1527 | 10 | <1 | 0.01 | 20 | 3.96 | 201 | <1 | <0.01 | 11 | 240 | <2 | <0.01 | 2 | 4 | 1 |
| OB 1528 | <10 | 1 | 0.02 | <10 | 0.01 | 37 | 29 | <0.01 | 20 | 1480 | 45 | 0.02 | 10 | <1 | 2 |
| OB 1529 | <10 | <1 | 0.01 | <10 | 0.02 | 68 | 2 | <0.01 | 16 | 890 | 23 | 0.01 | 6 | 3 | 1 |
| OB 1530 | <10 | <1 | 0.05 | 20 | <0.01 | 58 | <1 | <0.01 | 3 | 50 | 18 | <0.01 | <2 | <1 | 2 |
| OB 1531 | <10 | <1 | 0.01 | <10 | <0.01 | 83 | 1 | 0.01 | 4 | 70 | 11 | <0.01 | 3 | <1 | 2 |
| OB 1532 | <10 | <1 | 0.09 | 20 | 6.21 | 2010 | <1 | 0.01 | 6 | 250 | 57 | 0.01 | <2 | 2 | 53 |
| OB 1533 | <10 | <1 | 0.13 | 10 | 3.13 | 1705 | 1 | 0.01 | 12 | 390 | 29 | 0.08 | <2 | 2 | 23 |
| OB 1534 | <10 | <1 | 0.01 | <10 | 0.02 | 84 | <1 | <0.01 | 4 | 20 | <2 | <0.01 | <2 | <1 | <1 |
| OB 1535 | <10 | <1 | 0.01 | 10 | 0.02 | 90 | <1 | <0.01 | 4 | 30 | <2 | <0.01 | <2 | <1 | 1 |
| OB 1536 | <10 | 1 | <0.01 | <10 | <0.01 | 70 | <1 | <0.01 | 4 | 10 | <2 | <0.01 | <2 | <1 | <1 |
| OB 1538 | <10 | <1 | 0.13 | 10 | 2.05 | 359 | <1 | 0.02 | 9 | 380 | 7 | 0.34 | <2 | 5 | 58 |
| OB 1539 | <10 | <1 | 0.03 | <10 | 0.04 | 367 | <1 | <0.01 | 11 | 330 | 16 | <0.01 | <2 | 2 | 1 |
| OB 7174 | <10 | <1 | 0.03 | <10 | 0.01 | 28 | <1 | 0.01 | 21 | 200 | 29 | 0.01 | <2 | <1 | 1 |
| OB 7175 | <10 | <1 | 0.25 | 40 | 0.08 | 61 | <1 | <0.01 | 7 | 400 | 11 | 0.01 | <2 | 1 | 2 |
| OB 7176 | <10 | <1 | 0.03 | <10 | 0.01 | 26 | 1 | 0.01 | 50 | 270 | 57 | 0.05 | <2 | 1 | 1 |
| OB 7177 | <10 | <1 | 0.01 | <10 | <0.01 | 113 | <1 | 0.01 | 17 | 130 | 19 | 0.40 | <2 | <1 | 2 |
| OB 7178 | <10 | <1 | 0.02 | <10 | 0.01 | 253 | 4 | <0.01 | 112 | 1650 | 84 | 0.01 | <2 | 1 | 1 |
| OB 7179 | <10 | <1 | 0.02 | <10 | 0.01 | 127 | 3 | <0.01 | 88 | 1390 | 50 | 0.04 | <2 | 1 | 1 |
| OB 7180 | <10 | <1 | 0.01 | <10 | <0.01 | 78 | <1 | 0.01 | 25 | 130 | 23 | 0.69 | <2 | <1 | 3 |
| OB 7181 | <10 | <1 | 0.21 | 20 | 0.02 | 58 | <1 | <0.01 | 3 | 120 | 11 | 0.06 | <2 | <1 | 2 |
| OB 7182 | <10 | <1 | 0.06 | <10 | <0.01 | 26 | <1 | <0.01 | 12 | 160 | 277 | 0.01 | <2 | <1 | 2 |
| OB 7183 | <10 | <1 | 0.02 | <10 | <0.01 | 110 | 2 | 0.01 | 5 | 50 | 146 | <0.01 | <2 | <1 | 2 |
| OB 7209 | <10 | <1 | 0.16 | 30 | 0.02 | 14 | <1 | 0.01 | 3 | 90 | 39 | <0.01 | <2 | <1 | 1 |
| OB 7210 | <10 | <1 | 0.21 | 10 | 0.02 | 8 | <1 | <0.01 | 3 | 50 | 91 | <0.01 | <2 | <1 | 1 |
| OB 7211 | <10 | <1 | 0.01 | <10 | <0.01 | 59 | 7 | 0.01 | 16 | 50 | 9 | <0.01 | <2 | <1 | 1 |
| OB 7212 | <10 | <1 | 0.02 | <10 | <0.01 | 14 | <1 | <0.01 | 9 | 120 | 24 | <0.01 | <2 | <1 | 1 |
| OB 7213 | <10 | <1 | 0.01 | <10 | <0.01 | 385 | <1 | <0.01 | 23 | 100 | 148 | 0.01 | <2 | 2 | 2 |
| OB 7214 | <10 | <1 | 0.06 | 10 | <0.01 | 15 | 5 | 0.01 | 43 | 120 | 104 | 0.82 | <2 | <1 | 1 |
| OB 7215 | <10 | <1 | 0.06 | 10 | <0.01 | 16 | 5 | 0.01 | 36 | 100 | 83 | 0.91 | <2 | <1 | 2 |

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| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------------|-----------------|----------------|---------------|----------------|----------------|
| | | Ti % 0.01 | Ti ppm 10 | U ppm 10 | V ppm 1 | W ppm 10 | Zn ppm 2 |
| OB 1516 | | <0.01 | <10 | <10 | 4 | 20 | 12 |
| OB 1517 | | <0.01 | <10 | <10 | 2 | <10 | 5 |
| OB 1518 | | <0.01 | <10 | <10 | 1 | <10 | 5 |
| OB 1519 | | <0.01 | <10 | <10 | 2 | <10 | 3 |
| OB 1520 | | <0.01 | <10 | <10 | 1 | <10 | 10 |
| OB 1521 | | <0.01 | <10 | <10 | 3 | <10 | 4 |
| OB 1522 | | <0.01 | <10 | <10 | 8 | <10 | 10 |
| OB 1523 | | <0.01 | <10 | <10 | 1 | <10 | 3 |
| OB 1524 | | <0.01 | <10 | <10 | 2 | <10 | 6 |
| OB 1525 | | <0.01 | <10 | <10 | 3 | <10 | 8 |
| OB 1526 | | <0.01 | <10 | <10 | 19 | <10 | 30 |
| OB 1527 | | <0.01 | <10 | <10 | 16 | <10 | 22 |
| OB 1528 | | <0.01 | <10 | 10 | 3 | 10 | 29 |
| OB 1529 | | <0.01 | <10 | <10 | 8 | <10 | 38 |
| OB 1530 | | <0.01 | <10 | <10 | 1 | <10 | 3 |
| OB 1531 | | <0.01 | <10 | <10 | 1 | <10 | 5 |
| OB 1532 | | <0.01 | 10 | <10 | 2 | <10 | 11 |
| OB 1533 | | <0.01 | <10 | <10 | 3 | <10 | 19 |
| OB 1534 | | <0.01 | <10 | <10 | 1 | <10 | 2 |
| OB 1535 | | <0.01 | <10 | <10 | 1 | <10 | <2 |
| OB 1536 | | <0.01 | <10 | <10 | <1 | <10 | <2 |
| OB 1538 | | <0.01 | <10 | <10 | 3 | <10 | 51 |
| OB 1539 | | <0.01 | <10 | <10 | 4 | <10 | 15 |
| OB 7174 | | <0.01 | <10 | <10 | 1 | <10 | 5 |
| OB 7175 | | <0.01 | <10 | <10 | 3 | <10 | 11 |
| OB 7176 | | <0.01 | <10 | <10 | 1 | <10 | 9 |
| OB 7177 | | <0.01 | <10 | <10 | 1 | <10 | 8 |
| OB 7178 | | <0.01 | <10 | 60 | 5 | <10 | 18 |
| OB 7179 | | <0.01 | <10 | 60 | 5 | <10 | 17 |
| OB 7180 | | <0.01 | <10 | 10 | 1 | <10 | 5 |
| OB 7181 | | <0.01 | <10 | <10 | 2 | <10 | 2 |
| OB 7182 | | <0.01 | <10 | <10 | 1 | <10 | 8 |
| OB 7183 | | <0.01 | <10 | <10 | <1 | <10 | 4 |
| OB 7209 | | <0.01 | <10 | <10 | 3 | <10 | 2 |
| OB 7210 | | <0.01 | <10 | <10 | 2 | <10 | 4 |
| OB 7211 | | <0.01 | <10 | <10 | 3 | <10 | 3 |
| OB 7212 | | <0.01 | <10 | <10 | <1 | <10 | 3 |
| OB 7213 | | <0.01 | <10 | <10 | 1 | <10 | 19 |
| OB 7214 | | <0.01 | <10 | <10 | <1 | <10 | 4 |
| OB 7215 | | <0.01 | <10 | <10 | 1 | <10 | 3 |

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Date : 14-Jul-2003

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Project : Cransbrook Gold

CERTIFICATE OF ANALYSIS**VA03023748**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ti | Ti | U | V | W | Zn |
| | | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| OB 7216 | | <0.01 | <10 | <10 | 2 | <10 | 55 |
| OB 7217 | | <0.01 | <10 | <10 | 1 | <10 | 26 |
| OB 7218 | | <0.01 | <10 | <10 | 1 | <10 | 4 |
| OB 7219 | | <0.01 | <10 | <10 | 3 | <10 | 5 |
| OB 7220 | | <0.01 | <10 | <10 | 2 | <10 | 3 |
| OB 7221 | | <0.01 | <10 | <10 | 1 | <10 | 5 |
| OB 7222 | | <0.01 | <10 | <10 | 1 | <10 | 13 |
| OB 7223 | | <0.01 | <10 | <10 | 2 | <10 | 3 |
| OB 7224 | | <0.01 | <10 | <10 | 2 | <10 | 7 |
| OB 7225 | | <0.01 | <10 | <10 | 3 | <10 | 23 |
| OB 7226 | | <0.01 | <10 | <10 | 2 | <10 | 23 |
| OB 7227 | | <0.01 | <10 | <10 | 1 | <10 | 8 |
| OB 7228 | | <0.01 | <10 | <10 | 1 | <10 | 2 |
| OB 7229 | | <0.01 | <10 | <10 | 1 | <10 | 4 |
| OB 7230 | | <0.01 | <10 | <10 | 3 | <10 | 14 |
| GD-1172 | | <0.01 | <10 | <10 | 1 | <10 | 6 |
| GD-1173 | | <0.01 | <10 | <10 | 6 | <10 | 3 |
| GD-1174 | | <0.01 | <10 | <10 | 21 | <10 | 23 |
| GD-1175 | | <0.01 | <10 | <10 | 12 | <10 | 14 |
| GD-1176 | | <0.01 | <10 | <10 | 5 | <10 | 2 |
| GD-1177 | | <0.01 | <10 | <10 | 5 | <10 | 25 |
| GD-1178 | | <0.01 | <10 | 10 | 11 | <10 | 28 |

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Page #: 1

Date : 11-Jul-2003

Account: NJY

CERTIFICATE VA03024203

Project : Cranbrook Gold

P.O. No:

This report is for 1 PULP sample submitted to our lab in North Vancouver, BC, Canada on 8-Jul-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| FND-02 | Find Sample for Addn Analysis |
| SPL-21 | Split sample - riffle splitter |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

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Date : 11-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS **VA03024203**

| Sample Description | Method Analyte Units LOR | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-AA25 | Au-AA25D |
|--------------------|-----------------------------------|----------|----------|----------|----------|----------|----------|---------|----------|
| | | Au Total | Au (+) F | Au (-) F | Au (+) m | WT. + Fr | WT. - Fr | Au | Au |
| | | ppm | ppm | ppm | mg | g | g | ppm | ppm |
| | | 0.05 | 0.05 | 0.05 | 0.001 | 0.01 | 0.1 | 0.01 | 0.01 |
| OB1367 | | 0.70 | 11.60 | 0.42 | 0.168 | 14.46 | 570.9 | 0.13 | 0.71 |

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Page # : 1

Date : 17-Jul-2003

Account: NJY

CERTIFICATE VA03024204

Project : Cranbrook Gold

P.O. No:

This report is for 2 PULP samples submitted to our lab in North Vancouver, BC, Canada on 8-Jul-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

*Zinger - rock***SAMPLE PREPARATION**

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| FND-02 | Find Sample for Addn Analysis |
| SPL-21 | Split sample - riffle splitter |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

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Date : 17-Jul-2003
Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS **VA03024204**

| Sample Description | Method Analyte Units LOR | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-AA25 | Au-AA25D |
|--------------------|-----------------------------------|----------|----------|----------|----------|----------|----------|---------|----------|
| | | Au Total | Au (+) F | Au (-) F | Au (+) m | WT. + Fr | WT. - Fr | Au | Au |
| | | ppm | ppm | ppm | mg | g | g | ppm | ppm |
| | | 0.05 | 0.05 | 0.05 | 0.001 | 0.01 | 0.1 | 0.01 | 0.01 |
| B48 | | 3.07 | 0.26 | 3.13 | 0.002 | 7.83 | 379.9 | 2.96 | 3.30 |
| Z66 | | 3.86 | 18.45 | 3.67 | 0.124 | 6.72 | 493.1 | 3.65 | 3.68 |

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Page #: 1

Date : 16-Jul-2003

Account: NJY

CERTIFICATE VA03024338

Project : Cranbrook Gold

P.O. No:

This report is for 3 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 10-Jul-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

*Zinger-rocks***SAMPLE PREPARATION**

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| PUL-32 | Pulverize 1000g to 85% < 75 um |
| CRU-31 | Fine crushing - 70% <2mm |
| LOG-22 | Sample login - Rcd w/o BarCode |
| SPL-21 | Split sample - riffle splitter |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: CHAPLEAU RESOURCES
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Date : 16-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS**VA03024338**

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| JD4205 | | 1.46 | 0.034 | <0.2 | 0.82 | 4 | <10 | 20 | <0.5 | <2 | 0.01 | <0.5 | 4 | 127 | 4 | 0.73 |
| GD1187A | | 1.74 | 0.175 | <0.2 | 6.50 | 13 | <10 | 70 | <0.5 | 2 | 0.53 | 0.7 | 33 | 41 | 61 | 9.92 |
| GD1188A | | 1.92 | 8.35 | 0.5 | 1.93 | 44 | <10 | 60 | 0.5 | 2 | 0.15 | <0.5 | 82 | 137 | 9 | 6.70 |

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Date : 16-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03024338

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|----------|-----------|-----------|-----------|----------|----------|-----------|----------|-----------|----------|-----------|----------|----------|
| | | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc |
| | | ppm 10 | ppm 1 | % 0.01 | ppm 10 | % 0.01 | ppm 5 | ppm 1 | % 0.01 | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 | ppm 1 |
| JD4205 | | <10 | 1 | 0.05 | <10 | 0.92 | 155 | 1 | <0.01 | 8 | 60 | <2 | <0.01 | <2 | <1 |
| GD1187A | | 20 | <1 | 0.07 | 10 | 5.29 | 1145 | 2 | 0.01 | 34 | 1710 | 10 | <0.01 | 2 | 17 |
| GD1188A | | 10 | <1 | 0.15 | 30 | 1.51 | 678 | 2 | 0.01 | 43 | 1170 | 7 | 0.02 | 2 | 8 |

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Date : 16-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS**VA03024338**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|-----------|-----------|----------|-----------|----------|
| | | Tl | Tl | U | V | W | Zn |
| | | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| JD4205 | | <0.01 | <10 | <10 | 4 | <10 | 16 |
| GD1187A | | 0.01 | <10 | <10 | 144 | <10 | 108 |
| GD1188A | | <0.01 | <10 | <10 | 39 | 10 | 51 |

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Date : 15-Jul-2003
Account: NJY**CERTIFICATE VA03024700**

Project : Cranbrook Gold

P.O. No:

This report is for 87 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 8-Jul-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

*Zinger***SAMPLE PREPARATION**

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rod w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

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Date : 15-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03024700

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| Z112 | | 0.72 | <0.005 | 0.2 | 0.16 | <2 | <10 | 340 | <0.5 | <2 | 0.05 | <0.5 | 3 | 325 | 11 | 0.94 |
| Z113 | | 0.70 | 0.012 | 0.9 | 0.35 | <2 | <10 | 130 | <0.5 | 3 | 0.02 | <0.5 | 4 | 133 | 55 | 1.58 |
| Z114 | | 0.80 | 0.014 | 0.2 | 0.16 | 3 | <10 | 90 | <0.5 | 3 | <0.01 | <0.5 | 5 | 263 | 42 | 1.29 |
| Z115 | | 0.92 | <0.005 | <0.2 | 0.08 | <2 | <10 | 70 | <0.5 | 2 | 0.15 | <0.5 | 4 | 203 | 8 | 1.48 |
| Z116 | | 0.54 | 3.13 | <0.2 | 0.17 | 8 | <10 | 90 | <0.5 | 9 | <0.01 | <0.5 | 7 | 398 | 21 | 2.92 |
| Z117 | | 0.48 | 0.016 | <0.2 | 0.69 | 2 | <10 | 180 | <0.5 | <2 | 0.01 | <0.5 | 6 | 42 | 3 | 1.79 |
| Z118 | | 0.76 | <0.005 | <0.2 | 0.36 | 3 | <10 | 60 | <0.5 | <2 | 0.01 | <0.5 | 10 | 181 | 6 | 2.72 |
| Z119 | | 0.26 | 0.086 | 0.5 | 0.38 | 3 | <10 | 90 | <0.5 | 8 | 0.01 | <0.5 | 8 | 165 | 71 | 2.01 |
| Z120 | | 0.50 | 0.011 | 0.4 | 0.26 | 21 | <10 | 110 | <0.5 | 2 | <0.01 | <0.5 | 3 | 201 | 18 | 2.78 |
| Z121 | | 0.58 | 0.011 | <0.2 | 0.27 | 22 | <10 | 30 | <0.5 | 2 | <0.01 | <0.5 | 18 | 157 | 10 | 1.38 |
| Z122 | | 0.56 | 0.728 | 0.2 | 0.34 | 6 | <10 | 160 | <0.5 | <2 | 0.01 | <0.5 | 2 | 106 | 9 | 1.02 |
| Z123 | | 0.36 | 1.340 | 0.3 | 0.40 | 6 | <10 | 110 | <0.5 | <2 | <0.01 | <0.5 | 2 | 113 | 9 | 1.25 |
| Z124 | | 0.92 | 0.029 | 0.2 | 0.18 | 10 | <10 | 10 | <0.5 | 8 | <0.01 | 0.5 | 34 | 139 | 8 | 9.75 |
| Z125 | | 0.64 | 0.010 | <0.2 | 0.33 | <2 | <10 | 30 | <0.5 | <2 | <0.01 | <0.5 | 4 | 77 | 3 | 1.25 |
| Z126 | | 0.34 | 0.020 | <0.2 | 0.49 | 5 | <10 | 30 | <0.5 | <2 | 0.01 | <0.5 | 19 | 222 | 8 | 4.49 |
| Z127 | | 0.96 | <0.005 | <0.2 | 0.68 | 4 | <10 | 20 | <0.5 | <2 | 0.01 | <0.5 | 7 | 147 | 7 | 1.26 |
| Z128 | | 0.66 | <0.005 | <0.2 | 0.41 | 3 | <10 | 40 | <0.5 | <2 | 0.01 | <0.5 | 6 | 98 | 6 | 1.16 |
| Z129 | | 0.78 | <0.005 | <0.2 | 0.34 | 8 | <10 | 30 | <0.5 | <2 | 0.01 | <0.5 | 17 | 126 | 10 | 2.08 |
| Z130 | | 0.64 | <0.005 | <0.2 | 0.39 | 4 | <10 | 50 | <0.5 | <2 | <0.01 | <0.5 | 3 | 50 | 4 | 0.95 |
| Z131 | | 0.58 | <0.005 | <0.2 | 0.45 | <2 | <10 | 40 | <0.5 | <2 | <0.01 | <0.5 | 2 | 120 | 5 | 0.90 |
| Z132 | | 0.62 | 0.008 | <0.2 | 0.34 | 2 | <10 | 90 | <0.5 | 2 | 0.15 | <0.5 | 8 | 223 | 31 | 1.93 |
| Z133 | | 0.26 | <0.005 | <0.2 | 0.35 | 4 | <10 | 50 | <0.5 | <2 | 0.01 | <0.5 | 8 | 290 | 9 | 2.23 |
| Z134 | | 0.76 | <0.005 | <0.2 | 0.22 | <2 | <10 | 70 | <0.5 | <2 | 0.04 | <0.5 | 7 | 196 | 7 | 1.72 |
| Z135 | | 0.62 | <0.005 | <0.2 | 0.09 | 3 | <10 | 10 | <0.5 | <2 | 0.20 | <0.5 | 2 | 212 | 7 | 0.69 |
| Z136 | | 0.62 | 0.121 | <0.2 | 0.71 | 2 | <10 | 60 | <0.5 | 4 | 0.32 | <0.5 | 70 | 88 | 6 | 2.59 |
| Z137 | | 0.62 | <0.005 | <0.2 | 0.04 | 3 | <10 | 290 | <0.5 | <2 | <0.01 | <0.5 | 9 | 264 | 13 | 5.07 |
| Z138 | | 0.62 | <0.005 | <0.2 | 1.00 | <2 | <10 | 30 | <0.5 | <2 | 0.03 | <0.5 | 5 | 182 | 6 | 1.28 |
| Z139 | | 0.42 | 0.687 | 2.0 | 0.38 | <2 | <10 | 1250 | <0.5 | 5 | 0.01 | <0.5 | 3 | 147 | 18 | 1.30 |
| Z140 | | 0.52 | >10.0 | 8.8 | 0.09 | 4 | <10 | 60 | <0.5 | 21 | 0.01 | <0.5 | 12 | 323 | 180 | 5.88 |
| Z141 | | 1.04 | 0.443 | <0.2 | 0.44 | 8 | <10 | 710 | <0.5 | 2 | 0.23 | <0.5 | 5 | 28 | 2 | 2.25 |
| Z142 | | 0.70 | 0.985 | 0.3 | 0.24 | 2 | <10 | 60 | <0.5 | 2 | <0.01 | <0.5 | 3 | 172 | 7 | 1.39 |
| Z143 | | 0.74 | 1.935 | 0.6 | 0.39 | 4 | <10 | 1120 | <0.5 | 2 | 0.14 | <0.5 | 3 | 56 | 4 | 1.98 |
| Z144 | | 0.60 | 0.208 | <0.2 | 0.30 | 2 | <10 | 130 | <0.5 | 2 | 0.02 | <0.5 | 3 | 120 | 5 | 1.06 |
| Z145 | | 0.86 | 0.152 | <0.2 | 0.27 | <2 | <10 | 1670 | <0.5 | <2 | 0.01 | <0.5 | 3 | 119 | 5 | 0.97 |
| Z146 | | 0.68 | 0.260 | <0.2 | 0.34 | <2 | <10 | 80 | <0.5 | <2 | 0.02 | <0.5 | 7 | 158 | 6 | 1.44 |
| Z147 | | 0.72 | 0.169 | 7.2 | 0.15 | 2 | <10 | 580 | <0.5 | 21 | 0.17 | <0.5 | 8 | 228 | 10 | 2.12 |
| Z148 | | 0.98 | 0.045 | 1.7 | 0.12 | 2 | <10 | 440 | <0.5 | 6 | 0.10 | <0.5 | 7 | 252 | 10 | 1.52 |
| Z149 | | 0.68 | 0.084 | <0.2 | 0.26 | 3 | <10 | 170 | <0.5 | <2 | 0.01 | <0.5 | 4 | 164 | 6 | 1.35 |
| Z150 | | 0.84 | 0.013 | <0.2 | 0.24 | 2 | <10 | 60 | <0.5 | <2 | 0.01 | <0.5 | 1 | 127 | 5 | 0.39 |
| Z151 | | 1.16 | 0.047 | 0.2 | 0.20 | 3 | <10 | 30 | <0.5 | 2 | <0.01 | <0.5 | 1 | 138 | 5 | 0.75 |



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Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03024700

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| Z152 | | 0.36 | 0.581 | 0.5 | 0.14 | <2 | <10 | 670 | <0.5 | 2 | <0.01 | <0.5 | 4 | 311 | 11 | 1.34 |
| Z153 | | 0.50 | 1.365 | 0.5 | 0.29 | 3 | <10 | 120 | <0.5 | <2 | <0.01 | <0.5 | 2 | 141 | 7 | 1.62 |
| Z154 | | 0.54 | 0.030 | 0.2 | 0.29 | 3 | <10 | 30 | <0.5 | 2 | <0.01 | <0.5 | 2 | 186 | 8 | 0.64 |
| Z155 | | 0.84 | 0.024 | 0.2 | 0.05 | <2 | <10 | 10 | <0.5 | 2 | <0.01 | <0.5 | 5 | 216 | 10 | 7.37 |
| Z156 | | 0.38 | 0.005 | <0.2 | 0.65 | 2 | <10 | 220 | <0.5 | <2 | 0.16 | <0.5 | 8 | 161 | 170 | 1.90 |
| Z157 | | 0.58 | 6.61 | 2.7 | 0.47 | 4 | <10 | 170 | 0.5 | 18 | 0.17 | <0.5 | 9 | 141 | 48 | 2.78 |
| Z158 | | 0.50 | 0.333 | 0.5 | 0.17 | <2 | <10 | 90 | <0.5 | 2 | <0.01 | 0.6 | 6 | 302 | 15 | 2.16 |



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Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03024700

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 |
|--------------------|-----------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Z71 | | <10 | <1 | 0.18 | 40 | 2.14 | 125 | 11 | <0.01 | 21 | 1250 | 3 | <0.01 | <2 | 1 | 4 |
| Z72 | | 10 | <1 | 0.22 | 40 | 3.12 | 117 | 2 | <0.01 | 15 | 380 | 3 | <0.01 | <2 | 1 | 3 |
| Z73 | | <10 | <1 | 0.25 | 10 | 1.19 | 100 | 17 | 0.01 | 18 | 250 | 3 | 0.08 | <2 | 1 | 4 |
| Z74 | | <10 | <1 | 0.17 | 10 | 0.60 | 61 | 1 | <0.01 | 13 | 190 | 2 | 0.02 | <2 | <1 | 2 |
| Z75 | | <10 | <1 | 0.13 | <10 | 0.68 | 49 | 5 | <0.01 | 15 | 120 | 2 | 0.02 | <2 | <1 | 4 |
| Z76 | | <10 | <1 | 0.18 | 10 | 0.25 | 45 | 2 | <0.01 | 9 | 240 | 3 | 0.06 | <2 | <1 | 3 |
| Z77 | | <10 | <1 | 0.25 | 20 | 1.48 | 138 | 2 | 0.01 | 17 | 190 | 3 | 0.07 | <2 | 1 | 4 |
| Z78 | | <10 | <1 | 0.32 | 10 | 1.07 | 76 | <1 | 0.01 | 13 | 300 | 4 | 0.07 | <2 | 1 | 18 |
| Z79 | | <10 | <1 | 0.08 | <10 | 0.43 | 42 | 12 | <0.01 | 24 | 230 | 3 | 0.04 | <2 | <1 | 3 |
| Z80 | | <10 | <1 | 0.16 | 10 | 0.95 | 67 | 7 | <0.01 | 14 | 260 | 2 | 0.07 | <2 | <1 | 6 |
| Z81 | | <10 | <1 | 0.29 | 10 | 0.40 | 31 | 21 | 0.01 | 12 | 200 | 3 | 0.20 | <2 | 1 | 6 |
| Z82 | | <10 | <1 | 0.38 | 10 | 0.77 | 72 | 33 | 0.01 | 16 | 750 | 2 | 0.11 | <2 | 1 | 10 |
| Z83 | | <10 | <1 | 0.30 | 20 | 1.59 | 113 | 29 | 0.01 | 18 | 640 | 2 | 0.14 | <2 | 1 | 30 |
| Z84 | | <10 | <1 | 0.36 | 10 | 0.63 | 93 | 146 | 0.01 | 13 | 800 | 5 | 0.05 | <2 | 1 | 9 |
| Z85 | | <10 | <1 | 0.29 | 20 | 1.70 | 157 | 10 | 0.01 | 19 | 480 | 6 | 0.05 | <2 | 1 | 8 |
| Z86 | | <10 | <1 | 0.11 | 10 | 1.41 | 135 | 43 | <0.01 | 16 | 220 | 3 | 0.04 | <2 | <1 | 2 |
| Z87 | | <10 | <1 | 0.05 | <10 | 0.02 | 292 | 6 | <0.01 | 15 | 50 | 6 | <0.01 | <2 | <1 | <1 |
| Z88 | | <10 | <1 | 0.04 | <10 | 0.02 | 460 | 3 | <0.01 | 12 | 100 | 17 | <0.01 | <2 | <1 | 1 |
| Z89 | | <10 | <1 | 0.07 | <10 | 0.01 | 180 | 8 | <0.01 | 17 | 1200 | 2 | <0.01 | <2 | 1 | 2 |
| Z90 | | <10 | <1 | 0.07 | <10 | 0.03 | 649 | 6 | <0.01 | 14 | 2780 | <2 | <0.01 | 2 | 2 | 5 |
| Z91 | | <10 | <1 | 0.04 | <10 | 0.35 | 59 | 4 | <0.01 | 16 | 270 | 2 | <0.01 | <2 | <1 | 1 |
| Z92 | | <10 | <1 | 0.09 | <10 | 0.02 | 49 | 1 | <0.01 | 9 | 440 | <2 | <0.01 | <2 | <1 | 1 |
| Z93 | | <10 | <1 | 0.06 | <10 | 0.28 | 77 | 5 | <0.01 | 15 | 640 | 2 | <0.01 | <2 | <1 | 1 |
| Z94 | | <10 | <1 | 0.16 | 10 | 0.26 | 29 | 2 | 0.01 | 10 | 190 | 12 | 0.07 | <2 | <1 | 7 |
| Z95 | | <10 | <1 | 0.32 | 40 | 0.08 | 21 | 496 | 0.02 | 12 | 100 | 45 | 0.06 | <2 | 1 | 7 |
| Z96 | | <10 | <1 | 0.31 | 20 | 0.04 | 24 | 101 | 0.01 | 6 | 310 | 68 | 0.43 | <2 | <1 | 4 |
| Z97 | | <10 | <1 | 0.06 | <10 | 0.01 | 91 | 247 | 0.01 | 11 | 370 | 129 | 0.20 | <2 | <1 | 8 |
| Z98 | | <10 | <1 | 0.08 | <10 | <0.01 | 76 | 67 | 0.01 | 10 | 390 | 60 | 0.27 | <2 | <1 | 6 |
| Z99 | | <10 | <1 | 0.35 | 40 | 0.28 | 714 | 9 | 0.01 | 20 | 370 | 12 | 0.02 | <2 | 1 | 3 |
| Z100 | | <10 | <1 | 0.04 | <10 | 0.01 | 721 | 2 | 0.01 | 12 | 80 | 48 | <0.01 | <2 | 1 | 2 |
| Z101 | | <10 | <1 | 0.03 | <10 | 0.04 | 185 | 8 | <0.01 | 19 | 30 | 15 | <0.01 | <2 | <1 | 1 |
| Z102 | | <10 | <1 | 0.36 | 30 | 0.39 | 294 | 1 | 0.01 | 21 | 240 | 68 | <0.01 | <2 | 1 | 3 |
| Z103 | | <10 | <1 | 0.07 | <10 | 0.01 | 253 | 7 | 0.01 | 19 | 80 | 26 | <0.01 | <2 | <1 | 1 |
| Z105 | | <10 | <1 | 0.25 | 10 | 0.03 | 71 | 3 | 0.02 | 12 | 420 | 38 | 0.07 | <2 | 1 | 27 |
| Z106 | | <10 | <1 | 0.08 | 10 | 1.11 | 387 | 6 | 0.01 | 24 | 50 | 3 | <0.01 | <2 | <1 | 2 |
| Z107 | | <10 | <1 | 0.19 | 30 | 0.32 | 932 | 1 | 0.01 | 10 | 160 | 7 | <0.01 | <2 | 1 | 12 |
| Z108 | | <10 | <1 | 0.10 | 120 | 0.28 | 259 | 7 | 0.01 | 18 | 450 | 6 | <0.01 | 2 | 1 | 11 |
| Z109 | | <10 | <1 | 0.07 | 10 | 0.03 | 555 | 1 | 0.01 | 15 | 90 | 27 | <0.01 | <2 | 1 | 2 |
| Z110 | | <10 | <1 | 0.11 | 10 | 0.28 | 332 | 6 | 0.01 | 19 | 220 | 6 | <0.01 | <2 | 1 | 12 |
| Z111 | | <10 | <1 | 0.05 | <10 | 0.06 | 1290 | 2 | 0.01 | 26 | 110 | 144 | <0.01 | <2 | 2 | 2 |



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Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03024700

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 |
|--------------------|-----------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Z112 | | <10 | <1 | 0.14 | 10 | 0.04 | 211 | 6 | 0.01 | 18 | 80 | 126 | 0.01 | <2 | <1 | 5 |
| Z113 | | <10 | <1 | 0.30 | 30 | 0.03 | 25 | 15 | <0.01 | 8 | 310 | 1100 | 0.04 | <2 | <1 | 5 |
| Z114 | | <10 | <1 | 0.14 | 10 | 0.01 | 18 | 51 | <0.01 | 15 | 60 | 296 | 0.01 | <2 | <1 | 1 |
| Z115 | | <10 | <1 | 0.03 | <10 | 0.03 | 257 | 2 | <0.01 | 11 | 700 | 8 | <0.01 | <2 | <1 | 4 |
| Z116 | | <10 | <1 | 0.11 | 10 | 0.03 | 497 | 8 | <0.01 | 25 | 270 | 127 | <0.01 | <2 | 1 | 9 |
| Z117 | | <10 | <1 | 0.32 | 20 | 0.05 | 1045 | <1 | 0.01 | 8 | 250 | 5 | <0.01 | <2 | 1 | 3 |
| Z118 | | <10 | <1 | 0.15 | 10 | 0.04 | 365 | 4 | 0.01 | 16 | 270 | 6 | 0.01 | <2 | 1 | 4 |
| Z119 | | <10 | <1 | 0.25 | 20 | 0.04 | 774 | 2 | 0.02 | 12 | 200 | 412 | <0.01 | <2 | 1 | 2 |
| Z120 | | <10 | <1 | 0.19 | <10 | 0.01 | 13 | 4 | 0.01 | 9 | 50 | 81 | 0.01 | <2 | <1 | 2 |
| Z121 | | <10 | <1 | 0.20 | <10 | 0.01 | 20 | 1 | <0.01 | 10 | 100 | 13 | <0.01 | <2 | 1 | 2 |
| Z122 | | <10 | <1 | 0.29 | 20 | 0.02 | 11 | 2 | 0.01 | 6 | 100 | 91 | 0.04 | <2 | <1 | 5 |
| Z123 | | <10 | <1 | 0.33 | 20 | 0.02 | 14 | 1 | 0.01 | 6 | 90 | 138 | 0.04 | <2 | <1 | 3 |
| Z124 | | <10 | <1 | 0.11 | 30 | <0.01 | 11 | 3 | 0.01 | 10 | 360 | 6 | 0.05 | <2 | <1 | 2 |
| Z125 | | <10 | <1 | 0.23 | 20 | 0.02 | 9 | 1 | 0.01 | 4 | 130 | 4 | 0.02 | <2 | <1 | 2 |
| Z126 | | <10 | <1 | 0.25 | 10 | 0.08 | 75 | 6 | 0.01 | 24 | 730 | 5 | 0.05 | <2 | 2 | 3 |
| Z127 | | <10 | <1 | 0.14 | <10 | 0.67 | 90 | <1 | 0.01 | 15 | 110 | 7 | <0.01 | <2 | 1 | 3 |
| Z128 | | <10 | <1 | 0.27 | 20 | 0.07 | 24 | 2 | 0.01 | 10 | 140 | 5 | <0.01 | <2 | 1 | 2 |
| Z129 | | <10 | <1 | 0.24 | 30 | 0.02 | 40 | 1 | 0.01 | 13 | 260 | 8 | <0.01 | <2 | 1 | 3 |
| Z130 | | <10 | <1 | 0.28 | 30 | 0.02 | 36 | 1 | 0.01 | 6 | 140 | 4 | <0.01 | <2 | 1 | 4 |
| Z131 | | <10 | <1 | 0.24 | 10 | 0.02 | 173 | 1 | <0.01 | 7 | 110 | 3 | <0.01 | <2 | 1 | 1 |
| Z132 | | <10 | <1 | 0.21 | 20 | 0.04 | 502 | 5 | 0.03 | 16 | 700 | 179 | <0.01 | <2 | 2 | 7 |
| Z133 | | <10 | <1 | 0.25 | 40 | 0.04 | 264 | 1 | 0.03 | 13 | 160 | 3 | <0.01 | <2 | 2 | 3 |
| Z134 | | <10 | <1 | 0.07 | 20 | 0.05 | 260 | 4 | 0.02 | 14 | 210 | 29 | <0.01 | <2 | 1 | 3 |
| Z135 | | <10 | <1 | 0.06 | <10 | 0.01 | 83 | 1 | 0.01 | 9 | 830 | 4 | <0.01 | <2 | <1 | 3 |
| Z136 | | <10 | <1 | 0.27 | 10 | 0.64 | 213 | 2 | 0.01 | 22 | 840 | 19 | 0.30 | <2 | 1 | 6 |
| Z137 | | <10 | <1 | <0.01 | <10 | 0.05 | 1530 | 2 | 0.01 | 13 | 160 | 2 | 0.01 | <2 | 3 | 1 |
| Z138 | | <10 | <1 | 0.18 | 20 | 0.99 | 126 | 3 | 0.01 | 15 | 110 | 2 | <0.01 | <2 | 1 | 2 |
| Z139 | | <10 | <1 | 0.30 | 20 | 0.04 | 204 | 3 | 0.01 | 9 | 100 | 282 | 0.03 | <2 | 1 | 2 |
| Z140 | | <10 | <1 | 0.07 | 10 | 0.02 | 35 | 22 | <0.01 | 27 | 290 | 1530 | 0.41 | <2 | <1 | 3 |
| Z141 | | <10 | <1 | 0.31 | 40 | 0.03 | 52 | <1 | 0.02 | 4 | 1140 | 19 | 0.06 | <2 | 1 | 20 |
| Z142 | | <10 | <1 | 0.19 | 20 | 0.01 | 26 | 10 | 0.01 | 11 | 150 | 54 | 0.02 | <2 | <1 | 9 |
| Z143 | | <10 | <1 | 0.28 | 30 | 0.02 | 27 | 3 | 0.03 | 5 | 1300 | 71 | 0.18 | <2 | 1 | 37 |
| Z144 | | <10 | <1 | 0.21 | 20 | 0.02 | 104 | 2 | 0.03 | 8 | 110 | 3 | <0.01 | <2 | 1 | 2 |
| Z145 | | <10 | <1 | 0.21 | 20 | 0.02 | 94 | 1 | 0.03 | 7 | 100 | 6 | 0.04 | <2 | <1 | 5 |
| Z146 | | <10 | <1 | 0.29 | 30 | 0.03 | 226 | 3 | 0.01 | 11 | 180 | 24 | <0.01 | <2 | 1 | 3 |
| Z147 | | <10 | <1 | 0.13 | 10 | 0.09 | 122 | 1 | 0.01 | 16 | 390 | 1355 | 0.34 | <2 | 1 | 8 |
| Z148 | | <10 | <1 | 0.11 | 10 | 0.04 | 187 | 5 | 0.01 | 17 | 320 | 306 | 0.10 | <2 | <1 | 5 |
| Z149 | | <10 | <1 | 0.19 | 10 | 0.02 | 208 | 1 | 0.02 | 9 | 150 | 16 | 0.01 | <2 | <1 | 2 |
| Z150 | | <10 | <1 | 0.18 | 20 | 0.02 | 11 | 2 | 0.01 | 7 | 70 | 21 | <0.01 | <2 | <1 | 2 |
| Z151 | | <10 | <1 | 0.16 | 20 | 0.01 | 11 | 2 | 0.02 | 6 | 70 | 25 | 0.03 | <2 | <1 | 2 |

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CERTIFICATE OF ANALYSIS**VA03024700**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|----------|-----------|-----------|-----------|----------|----------|-----------|----------|-----------|----------|-----------|----------|----------|
| | | Ga | Hg | K | La | Mg | Mn | Mo | Na | NI | P | Pb | S | Sb | Sc |
| | | ppm 10 | ppm 1 | % 0.01 | ppm 10 | % 0.01 | ppm 5 | ppm 1 | % 0.01 | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 | ppm 1 |
| Z152 | | <10 | <1 | 0.12 | 10 | 0.01 | 301 | 7 | 0.01 | 17 | 50 | 25 | 0.14 | <2 | <1 |
| Z153 | | <10 | <1 | 0.25 | 20 | 0.02 | 13 | 1 | 0.01 | 6 | 170 | 20 | 0.05 | <2 | <1 |
| Z154 | | <10 | <1 | 0.16 | 20 | 0.01 | 32 | 3 | 0.01 | 10 | 70 | 51 | 0.01 | <2 | <1 |
| Z155 | | <10 | <1 | 0.02 | <10 | 0.01 | 102 | 2 | 0.01 | 9 | 80 | 4 | <0.01 | <2 | 1 |
| Z156 | | <10 | <1 | 0.33 | 30 | 0.21 | 634 | 3 | 0.01 | 18 | 710 | 6 | <0.01 | <2 | 1 |
| Z157 | | <10 | <1 | 0.35 | 80 | 0.07 | 978 | 2 | 0.01 | 13 | 930 | 1270 | 0.01 | <2 | 2 |
| Z158 | | <10 | <1 | 0.11 | 10 | 0.04 | 444 | 6 | <0.01 | 18 | 80 | 417 | 0.06 | <2 | <1 |

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CERTIFICATE OF ANALYSIS**VA03024700**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ti | Ti | U | V | W | Zn |
| | | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| Z71 | | <0.01 | <10 | <10 | 9 | <10 | 23 |
| Z72 | | <0.01 | <10 | <10 | 14 | <10 | 27 |
| Z73 | | <0.01 | <10 | <10 | 6 | <10 | 21 |
| Z74 | | <0.01 | <10 | <10 | 7 | <10 | 12 |
| Z75 | | <0.01 | <10 | <10 | 5 | <10 | 10 |
| Z76 | | <0.01 | <10 | <10 | 5 | <10 | 10 |
| Z77 | | <0.01 | <10 | <10 | 5 | <10 | 33 |
| Z78 | | <0.01 | <10 | <10 | 10 | <10 | 22 |
| Z79 | | <0.01 | <10 | <10 | 8 | <10 | 10 |
| Z80 | | <0.01 | <10 | <10 | 9 | <10 | 22 |
| Z81 | | <0.01 | <10 | <10 | 6 | <10 | 7 |
| Z82 | | <0.01 | <10 | <10 | 8 | <10 | 18 |
| Z83 | | <0.01 | <10 | <10 | 9 | <10 | 25 |
| Z84 | | <0.01 | <10 | <10 | 8 | <10 | 16 |
| Z85 | | <0.01 | <10 | <10 | 9 | <10 | 35 |
| Z86 | | <0.01 | <10 | <10 | 6 | <10 | 30 |
| Z87 | | <0.01 | <10 | <10 | 3 | <10 | 5 |
| Z88 | | <0.01 | <10 | <10 | 4 | <10 | 9 |
| Z89 | | <0.01 | <10 | <10 | 9 | <10 | 10 |
| Z90 | | <0.01 | <10 | <10 | 25 | <10 | 30 |
| Z91 | | <0.01 | <10 | <10 | 3 | <10 | 9 |
| Z92 | | <0.01 | <10 | <10 | 2 | <10 | 4 |
| Z93 | | <0.01 | <10 | <10 | 4 | <10 | 8 |
| Z94 | | <0.01 | <10 | <10 | 3 | <10 | 11 |
| Z95 | | <0.01 | <10 | <10 | 4 | <10 | 10 |
| Z96 | | <0.01 | <10 | <10 | 3 | <10 | 11 |
| Z97 | | <0.01 | <10 | <10 | 2 | <10 | 7 |
| Z98 | | <0.01 | <10 | <10 | 2 | <10 | 14 |
| Z99 | | <0.01 | <10 | <10 | 6 | <10 | 42 |
| Z100 | | <0.01 | <10 | <10 | 2 | <10 | 28 |
| Z101 | | <0.01 | <10 | <10 | 3 | <10 | 15 |
| Z102 | | 0.01 | <10 | <10 | 7 | <10 | 59 |
| Z103 | | <0.01 | <10 | <10 | 3 | <10 | 4 |
| Z105 | | <0.01 | <10 | 10 | 4 | <10 | 11 |
| Z106 | | <0.01 | <10 | <10 | 5 | <10 | 66 |
| Z107 | | <0.01 | <10 | <10 | 2 | <10 | 14 |
| Z108 | | <0.01 | <10 | <10 | 3 | <10 | 6 |
| Z109 | | <0.01 | <10 | <10 | 1 | <10 | 42 |
| Z110 | | <0.01 | <10 | <10 | 3 | <10 | 32 |
| Z111 | | <0.01 | <10 | 10 | 2 | <10 | 136 |

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CERTIFICATE OF ANALYSIS VA03024700

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------------|-----------------|----------------|---------------|----------------|----------------|
| | | Ti % 0.01 | Ti ppm 10 | U ppm 10 | V ppm 1 | W ppm 10 | Zn ppm 2 |
| Z112 | | <0.01 | <10 | <10 | 3 | <10 | 11 |
| Z113 | | <0.01 | <10 | <10 | 3 | <10 | 9 |
| Z114 | | <0.01 | <10 | <10 | 2 | <10 | 8 |
| Z115 | | <0.01 | <10 | <10 | 1 | <10 | 16 |
| Z116 | | <0.01 | <10 | <10 | 5 | <10 | 53 |
| Z117 | | <0.01 | <10 | <10 | 3 | <10 | 38 |
| Z118 | | <0.01 | <10 | 10 | 3 | <10 | 81 |
| Z119 | | <0.01 | <10 | <10 | 3 | <10 | 40 |
| Z120 | | <0.01 | <10 | <10 | 4 | <10 | 3 |
| Z121 | | <0.01 | <10 | <10 | 3 | <10 | 11 |
| Z122 | | <0.01 | <10 | <10 | 2 | <10 | 9 |
| Z123 | | <0.01 | <10 | <10 | 2 | <10 | 9 |
| Z124 | | <0.01 | <10 | <10 | 3 | <10 | 2 |
| Z125 | | <0.01 | <10 | <10 | 3 | <10 | 3 |
| Z126 | | <0.01 | <10 | 10 | 6 | <10 | 34 |
| Z127 | | <0.01 | <10 | <10 | 4 | <10 | 28 |
| Z128 | | <0.01 | <10 | <10 | 4 | <10 | 29 |
| Z129 | | <0.01 | <10 | <10 | 3 | <10 | 39 |
| Z130 | | <0.01 | <10 | <10 | 3 | <10 | 24 |
| Z131 | | <0.01 | <10 | <10 | 3 | <10 | 6 |
| Z132 | | <0.01 | <10 | <10 | 3 | <10 | 31 |
| Z133 | | <0.01 | <10 | <10 | 4 | <10 | 22 |
| Z134 | | <0.01 | <10 | <10 | 2 | <10 | 43 |
| Z135 | | <0.01 | <10 | <10 | 1 | <10 | 4 |
| Z136 | | <0.01 | <10 | <10 | 3 | <10 | 21 |
| Z137 | | <0.01 | <10 | 10 | 2 | <10 | 55 |
| Z138 | | <0.01 | <10 | <10 | 5 | <10 | 30 |
| Z139 | | <0.01 | <10 | <10 | 2 | <10 | 21 |
| Z140 | | <0.01 | <10 | <10 | 3 | <10 | 19 |
| Z141 | | <0.01 | <10 | <10 | 4 | <10 | 9 |
| Z142 | | <0.01 | <10 | <10 | 3 | <10 | 7 |
| Z143 | | <0.01 | <10 | <10 | 3 | <10 | 9 |
| Z144 | | <0.01 | <10 | <10 | 2 | <10 | 20 |
| Z145 | | <0.01 | <10 | <10 | 2 | <10 | 11 |
| Z146 | | <0.01 | <10 | <10 | 3 | <10 | 25 |
| Z147 | | <0.01 | <10 | <10 | 2 | <10 | 21 |
| Z148 | | <0.01 | <10 | <10 | 2 | <10 | 15 |
| Z149 | | <0.01 | <10 | <10 | 2 | <10 | 9 |
| Z150 | | <0.01 | <10 | <10 | 2 | <10 | 3 |
| Z151 | | <0.01 | <10 | <10 | 1 | <10 | 3 |

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Page # : 4 - C

Total # of pages : 4 (A - C)

Date : 15-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS**VA03024700**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ti | Ti | U | V | W | Zn |
| | | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| Z152 | | <0.01 | <10 | <10 | 3 | <10 | 6 |
| Z153 | | <0.01 | <10 | <10 | 2 | <10 | 4 |
| Z154 | | <0.01 | <10 | <10 | 2 | <10 | 3 |
| Z155 | | 0.01 | <10 | <10 | 66 | <10 | 11 |
| Z156 | | <0.01 | <10 | <10 | 7 | <10 | 45 |
| Z157 | | <0.01 | <10 | <10 | 6 | <10 | 52 |
| Z158 | | <0.01 | <10 | <10 | 4 | <10 | 255 |

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Page #: 1

Date : 17-Jul-2003

Account: NJY

CERTIFICATE VA03024704

Project : Cranbrook Gold

P.O. No:

This report is for 9 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 8-Jul-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

*Zinger-rock***SAMPLE PREPARATION**

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
104-135 10TH AVE S
CRANBROOK BC V1C 2N1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

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Page # 2 - A

Total # of pages : 2 (A - C)

Date : 17-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03024704

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| OB1600 | | 1.00 | <0.005 | <0.2 | 1.66 | <2 | <10 | 10 | <0.5 | <2 | 1.16 | <0.5 | 8 | 35 | 5 | 3.39 |
| OB1601 | | 1.18 | <0.005 | <0.2 | 0.93 | <2 | <10 | 10 | <0.5 | <2 | 0.97 | <0.5 | 7 | 24 | 6 | 2.08 |
| OB1602 | | 0.94 | 0.006 | <0.2 | 0.04 | 2 | <10 | 10 | <0.5 | <2 | 0.41 | <0.5 | 16 | 11 | 6 | 0.87 |
| OB1603 | | 0.98 | 0.023 | <0.2 | 0.21 | 52 | <10 | 20 | <0.5 | 7 | 0.05 | <0.5 | 25 | 12 | 13 | 2.95 |
| OB1604 | | 1.32 | 0.043 | <0.2 | 0.02 | 30 | <10 | 10 | <0.5 | 29 | 0.02 | <0.5 | 10 | 7 | 10 | 3.33 |
| OB1605 | | 0.94 | <0.005 | <0.2 | 0.02 | <2 | <10 | 10 | <0.5 | <2 | 1.12 | <0.5 | 6 | 11 | 8 | 1.30 |
| OB1606 | | 1.72 | 0.036 | <0.2 | 0.02 | 4 | <10 | 10 | <0.5 | <2 | 0.11 | <0.5 | 6 | 14 | 6 | 1.01 |
| OB1607 | | 1.20 | 0.029 | <0.2 | 0.03 | 14 | <10 | 10 | <0.5 | 2 | 0.16 | <0.5 | 15 | 14 | 8 | 1.20 |
| OB1608 | | 1.20 | 0.005 | <0.2 | 0.05 | 2 | <10 | 10 | <0.5 | <2 | 0.71 | <0.5 | 24 | 12 | 16 | 1.18 |

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Date : 17-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03024704

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | Ga ppm 10 | Hg ppm 1 | K % 0.01 | La ppm 10 | Mg % 0.01 | Mn ppm 5 | Mo ppm 1 | Na % 0.01 | Ni ppm 1 | P ppm 10 | Pb ppm 2 | S % 0.01 | Sb ppm 2 | Sc ppm 1 |
| OB1600 | | 10 | <1 | 0.05 | 20 | 1.68 | 138 | 1 | 0.03 | 49 | 300 | <2 | 0.02 | <2 | 4 |
| OB1601 | | <10 | <1 | 0.06 | 10 | 1.11 | 140 | <1 | 0.02 | 27 | 150 | 3 | 0.02 | <2 | 1 |
| OB1602 | | <10 | <1 | 0.03 | <10 | 0.18 | 100 | <1 | <0.01 | 4 | 70 | <2 | 0.18 | <2 | 1 |
| OB1603 | | <10 | <1 | 0.15 | <10 | 0.06 | 99 | <1 | 0.01 | 9 | 170 | 4 | 0.12 | <2 | 1 |
| OB1604 | | <10 | <1 | 0.01 | <10 | 0.01 | 102 | 2 | <0.01 | 5 | 100 | 8 | 0.01 | <2 | 2 |
| OB1605 | | <10 | <1 | 0.01 | <10 | 0.53 | 225 | <1 | <0.01 | 6 | 40 | <2 | 0.06 | <2 | 4 |
| OB1606 | | <10 | <1 | 0.02 | <10 | 0.04 | 84 | <1 | <0.01 | 3 | 80 | <2 | 0.07 | <2 | 1 |
| OB1607 | | <10 | <1 | 0.02 | <10 | 0.07 | 114 | <1 | <0.01 | 4 | 50 | <2 | 0.09 | <2 | 1 |
| OB1608 | | <10 | <1 | 0.03 | <10 | 0.34 | 187 | <1 | <0.01 | 5 | 80 | <2 | 0.16 | <2 | 1 |



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Page #: 2 - C

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Date : 17-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS

VA03024704

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ti | Ti | U | V | W | Zn |
| | | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| OB1600 | | <0.01 | <10 | <10 | 48 | <10 | 14 |
| OB1601 | | <0.01 | <10 | <10 | 20 | <10 | 7 |
| OB1602 | | <0.01 | <10 | <10 | 2 | <10 | <2 |
| OB1603 | | <0.01 | <10 | <10 | 8 | <10 | 4 |
| OB1604 | | <0.01 | <10 | <10 | 3 | <10 | 6 |
| OB1605 | | <0.01 | <10 | <10 | 1 | <10 | 5 |
| OB1606 | | <0.01 | <10 | <10 | 1 | <10 | <2 |
| OB1607 | | <0.01 | <10 | <10 | 1 | <10 | <2 |
| OB1608 | | <0.01 | <10 | <10 | 1 | <10 | 3 |

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Page #: 1

Date : 22-Jul-2003

Account: NJY

*Zinger-rock***CERTIFICATE VA03024957**

Project : Cranbrook Gold

P.O. No:

This report is for 26 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 10-Jul-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: **CHAPLEAU RESOURCES**
ATTN: ROBIN SUDO
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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Date : 22-Jul-2003

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Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03024957

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| GD1196 | | 1.32 | <0.005 | 0.2 | 0.07 | 5 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 5 | 292 | 17 | 0.86 |
| GD1197 | | 1.36 | 0.023 | 0.6 | 0.09 | 33 | <10 | 20 | <0.5 | <2 | 0.10 | <0.5 | 15 | 277 | 28 | 1.56 |
| GD1198 | | 0.94 | 0.071 | 5.4 | 0.10 | 14 | <10 | 10 | <0.5 | 2 | <0.01 | <0.5 | 7 | 389 | 108 | 1.50 |
| OB1585 | | 2.04 | 0.069 | <0.2 | 0.22 | 3 | <10 | 80 | <0.5 | <2 | <0.01 | <0.5 | 2 | 197 | 8 | 1.31 |
| OB1586 | | 2.02 | <0.005 | <0.2 | 0.21 | <2 | <10 | 20 | <0.5 | <2 | 0.01 | <0.5 | 1 | 104 | 3 | 0.60 |
| OB1587 | | 1.62 | <0.005 | <0.2 | 0.05 | 2 | <10 | 10 | <0.5 | 3 | <0.01 | <0.5 | 59 | 11 | 3 | 2.42 |
| OB1588 | | 1.48 | <0.005 | <0.2 | 0.02 | <2 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 11 | 2 | 0.75 |
| OB1589 | | 1.12 | <0.005 | <0.2 | 0.59 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 3 | 161 | 4 | 0.76 |
| OB1590 | | 1.70 | <0.005 | <0.2 | 0.14 | 2 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 2 | 262 | 8 | 0.66 |
| OB1591 | | 1.70 | <0.005 | <0.2 | 0.68 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 4 | 194 | 7 | 0.96 |
| OB1592 | | 1.56 | <0.005 | <0.2 | 0.80 | <2 | <10 | 10 | <0.5 | <2 | 0.01 | <0.5 | 3 | 187 | 6 | 0.53 |
| OB1593 | | 1.74 | <0.005 | <0.2 | 0.31 | <2 | <10 | 10 | <0.5 | <2 | 1.17 | <0.5 | 2 | 294 | 9 | 0.55 |
| OB1594 | | 0.94 | <0.005 | 0.3 | 0.06 | 2 | 10 | 10 | <0.5 | 2 | <0.01 | <0.5 | 1 | 132 | 5 | 0.49 |
| OB1595 | | 1.46 | <0.005 | <0.2 | 0.17 | 6 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 3 | 83 | 2 | 0.66 |
| OB1596 | | 1.42 | <0.005 | <0.2 | 0.05 | 6 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 2 | 232 | 7 | 0.55 |
| OB1597 | | 1.24 | <0.005 | <0.2 | 0.07 | <2 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 2 | 194 | 6 | 0.35 |
| OB1598 | | 0.84 | <0.005 | <0.2 | 1.07 | <2 | <10 | 20 | <0.5 | <2 | 0.01 | <0.5 | 4 | 38 | 1 | 0.72 |
| OB1599 | | 1.32 | <0.005 | <0.2 | 0.24 | <2 | <10 | 30 | <0.5 | <2 | 0.03 | <0.5 | 6 | 209 | 7 | 1.75 |
| OB1612 | | 1.28 | 0.008 | 0.3 | 0.05 | 2 | <10 | 10 | <0.5 | 4 | 0.02 | <0.5 | 8 | 215 | 53 | 1.15 |
| OB1613 | | 1.30 | 0.007 | 1.4 | 0.05 | 13 | <10 | 10 | <0.5 | 3 | <0.01 | <0.5 | 7 | 224 | 22 | 1.45 |
| OB1614 | | 1.74 | 0.130 | 1.6 | 0.13 | 60 | <10 | 20 | <0.5 | 2 | 0.01 | <0.5 | 3 | 164 | 13 | 1.58 |
| OB1615 | | 1.46 | <0.005 | <0.2 | 0.19 | 2 | <10 | 20 | <0.5 | 2 | 0.01 | <0.5 | 7 | 178 | 19 | 1.17 |
| OB1616 | | 1.20 | <0.005 | <0.2 | 0.37 | <2 | <10 | 50 | <0.5 | <2 | <0.01 | <0.5 | 5 | 43 | 9 | 0.68 |
| OB1617 | | 1.52 | 0.010 | <0.2 | 0.36 | 2 | <10 | 30 | <0.5 | 2 | <0.01 | <0.5 | 7 | 63 | 10 | 1.18 |
| OB1618 | | 0.94 | 0.018 | <0.2 | 0.05 | 4 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 5 | 303 | 11 | 0.76 |
| OB1619 | | 1.34 | <0.005 | <0.2 | 0.51 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 2 | 94 | 2 | 0.42 |

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Total # of pages : 2 (A - C)

Date : 22-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03024957

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | Ga ppm 10 | Hg ppm 1 | K % 0.01 | La ppm 10 | Mg % 0.01 | Mn ppm 5 | Mo ppm 1 | Na % 0.01 | Ni ppm 1 | P ppm 10 | Pb ppm 2 | S % 0.01 | Sb ppm 2 | Sc ppm 1 | Sr ppm 1 |
| GD1196 | | <10 | <1 | 0.04 | <10 | 0.01 | 17 | 6 | 0.01 | 19 | 110 | 59 | 0.01 | 3 | <1 | 6 |
| GD1197 | | <10 | <1 | 0.05 | <10 | <0.01 | 14 | 6 | 0.01 | 25 | 2030 | 126 | 0.16 | 13 | <1 | 27 |
| GD1198 | | <10 | <1 | 0.06 | <10 | 0.01 | 17 | 7 | 0.01 | 20 | 740 | 5290 | 0.09 | 50 | 1 | 3 |
| OB1585 | | <10 | <1 | 0.11 | 10 | 0.01 | 40 | 1 | 0.01 | 9 | 230 | 18 | 0.02 | <2 | 1 | 3 |
| OB1586 | | <10 | <1 | 0.05 | 20 | 0.03 | 28 | 2 | 0.04 | 6 | 100 | 5 | <0.01 | <2 | <1 | 2 |
| OB1587 | | <10 | <1 | 0.01 | <10 | 0.01 | 17 | <1 | 0.01 | 11 | 100 | 18 | <0.01 | <2 | <1 | 1 |
| OB1588 | | <10 | <1 | 0.01 | <10 | 0.01 | 15 | <1 | <0.01 | 1 | <10 | <2 | <0.01 | <2 | <1 | 1 |
| OB1589 | | <10 | <1 | 0.06 | 10 | 0.83 | 57 | <1 | <0.01 | 11 | 40 | 3 | <0.01 | <2 | <1 | 1 |
| OB1590 | | <10 | <1 | 0.01 | <10 | 0.22 | 47 | 5 | <0.01 | 14 | 40 | <2 | <0.01 | <2 | <1 | <1 |
| OB1591 | | <10 | <1 | 0.04 | <10 | 1.01 | 128 | 1 | <0.01 | 12 | 50 | <2 | <0.01 | <2 | 1 | 1 |
| OB1592 | | <10 | <1 | 0.11 | 30 | 1.05 | 30 | 3 | <0.01 | 14 | 110 | <2 | <0.01 | <2 | <1 | 2 |
| OB1593 | | <10 | <1 | 0.07 | <10 | 0.30 | 41 | 5 | 0.01 | 15 | 5040 | <2 | <0.01 | <2 | <1 | 22 |
| OB1594 | | <10 | <1 | 0.04 | <10 | 0.01 | 72 | 1 | <0.01 | 6 | 30 | 45 | <0.01 | <2 | <1 | 1 |
| OB1595 | | <10 | <1 | 0.11 | 10 | 0.01 | 122 | <1 | <0.01 | 6 | 50 | <2 | <0.01 | <2 | 1 | 1 |
| OB1596 | | <10 | <1 | 0.03 | <10 | <0.01 | 20 | 4 | <0.01 | 12 | 20 | <2 | <0.01 | <2 | <1 | 1 |
| OB1597 | | <10 | <1 | 0.01 | <10 | 0.10 | 11 | 3 | <0.01 | 10 | 10 | <2 | <0.01 | <2 | <1 | 1 |
| OB1598 | | <10 | <1 | 0.21 | 30 | 1.12 | 35 | <1 | <0.01 | 8 | 60 | <2 | <0.01 | <2 | 1 | 2 |
| OB1599 | | <10 | <1 | 0.06 | 20 | 0.03 | 199 | 4 | 0.03 | 16 | 260 | <2 | <0.01 | <2 | 1 | 2 |
| OB1612 | | <10 | <1 | 0.02 | 10 | 0.01 | 45 | 2 | <0.01 | 15 | 300 | 9 | <0.01 | <2 | <1 | 3 |
| OB1613 | | <10 | <1 | 0.02 | <10 | 0.01 | 36 | 2 | <0.01 | 14 | 230 | 762 | 0.02 | 7 | 1 | 3 |
| OB1614 | | <10 | <1 | 0.10 | <10 | <0.01 | 17 | 2 | 0.01 | 7 | 3280 | 278 | 0.10 | 21 | 1 | 7 |
| OB1615 | | <10 | <1 | 0.12 | 10 | 0.01 | 28 | 1 | <0.01 | 12 | 120 | 7 | <0.01 | <2 | 1 | 1 |
| OB1616 | | <10 | <1 | 0.25 | 30 | 0.02 | 15 | <1 | 0.01 | 8 | 90 | 2 | 0.01 | <2 | 1 | 3 |
| OB1617 | | <10 | <1 | 0.24 | 40 | 0.01 | 13 | 1 | 0.01 | 4 | 200 | 9 | 0.01 | <2 | 1 | 4 |
| OB1618 | | <10 | <1 | 0.02 | <10 | <0.01 | 65 | 5 | <0.01 | 16 | 50 | 19 | <0.01 | <2 | <1 | 2 |
| OB1619 | | <10 | <1 | 0.12 | 10 | 0.57 | 34 | <1 | <0.01 | 6 | 20 | <2 | <0.01 | <2 | <1 | 1 |

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Page #: 2 - C

Total # of pages : 2 (A - C)

Date : 22-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03024957

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ti % 0.01 | ME-ICP41 Ti ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 |
|--------------------|-----------------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|
| GD1196 | | <0.01 | <10 | <10 | 3 | <10 | 7 |
| GD1197 | | <0.01 | <10 | <10 | 3 | <10 | 11 |
| GD1198 | | <0.01 | <10 | <10 | 4 | <10 | 13 |
| OB1585 | | <0.01 | <10 | <10 | 2 | <10 | 8 |
| OB1586 | | <0.01 | <10 | <10 | 1 | <10 | 4 |
| OB1587 | | <0.01 | <10 | <10 | 1 | <10 | 5 |
| OB1588 | | <0.01 | <10 | <10 | <1 | <10 | <2 |
| OB1589 | | <0.01 | <10 | <10 | 2 | <10 | 6 |
| OB1590 | | <0.01 | <10 | <10 | 3 | <10 | 3 |
| OB1591 | | <0.01 | <10 | <10 | 3 | <10 | 12 |
| OB1592 | | <0.01 | <10 | <10 | 4 | <10 | 6 |
| OB1593 | | <0.01 | <10 | <10 | 3 | <10 | 3 |
| OB1594 | | <0.01 | <10 | <10 | 1 | <10 | 2 |
| OB1595 | | <0.01 | <10 | <10 | 2 | <10 | 6 |
| OB1596 | | <0.01 | <10 | <10 | 2 | <10 | <2 |
| OB1597 | | <0.01 | <10 | <10 | 1 | <10 | <2 |
| OB1598 | | <0.01 | <10 | <10 | 3 | <10 | 10 |
| OB1599 | | <0.01 | <10 | <10 | 2 | <10 | 16 |
| OB1612 | | <0.01 | <10 | <10 | 1 | <10 | 4 |
| OB1613 | | <0.01 | <10 | <10 | 1 | <10 | 13 |
| OB1614 | | <0.01 | <10 | <10 | 2 | <10 | 2 |
| OB1615 | | <0.01 | <10 | <10 | 3 | <10 | 6 |
| OB1616 | | <0.01 | <10 | <10 | 3 | <10 | 6 |
| OB1617 | | <0.01 | <10 | <10 | 3 | <10 | 2 |
| OB1618 | | <0.01 | <10 | <10 | 2 | <10 | 2 |
| OB1619 | | <0.01 | <10 | <10 | 2 | <10 | 8 |

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Page: 1

Date : 21-Jul-2003

Account: NJY

CERTIFICATE VA03025192

Project : Cranbrook Gold

P.O. No:

This report is for 4 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 12-Jul-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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Zinger-rock

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Total # of pages : 2 (A - C)

Date : 21-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03025192

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| OB1609 | | 1.16 | <0.005 | <0.2 | 0.08 | 17 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 7 | 8 | 15 | 0.88 |
| OB1610 | | 1.34 | <0.005 | 0.2 | 0.03 | 11 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 4 | 9 | 9 | 0.65 |
| OB1611 | | 2.32 | <0.005 | 0.2 | 0.02 | 7 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 4 | 10 | 6 | 0.32 |
| GD1195 | | 0.82 | <0.005 | <0.2 | 0.15 | <2 | <10 | 30 | <0.5 | <2 | 0.01 | <0.5 | 2 | 6 | 1 | 0.88 |

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Total # of pages : 2 (A - C)

Date : 21-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03025192

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|----------|-----------|-----------|-----------|----------|----------|-----------|----------|-----------|----------|-----------|----------|----------|----------|
| | | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc | Sr |
| | | ppm 10 | ppm 1 | % 0.01 | ppm 10 | % 0.01 | ppm 5 | ppm 1 | % 0.01 | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 | ppm 1 | ppm 1 |
| OB1609 | | <10 | <1 | 0.06 | <10 | 0.01 | 82 | <1 | 0.01 | 4 | 90 | 81 | <0.01 | 3 | <1 | 1 |
| OB1610 | | <10 | <1 | 0.02 | <10 | <0.01 | 17 | <1 | 0.01 | 3 | 40 | 98 | <0.01 | 4 | <1 | 1 |
| OB1611 | | <10 | <1 | 0.01 | <10 | <0.01 | 9 | <1 | 0.01 | 2 | 20 | 44 | <0.01 | 2 | <1 | 1 |
| GD1195 | | <10 | <1 | 0.07 | 10 | 0.02 | 115 | <1 | 0.04 | 2 | 110 | 3 | <0.01 | <2 | 1 | 1 |

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Page # 2 C

Total # of pages : 2 (A - C)

Date : 21-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS**VA03025192**

| Sample Description | Method | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|---------|----------|----------|----------|----------|----------|----------|
| | Analyte | Ti | Ti | U | V | W | Zn |
| | Units | % | ppm | ppm | ppm | ppm | ppm |
| | LOR | 0.01 | 10 | 10 | 1 | 10 | 2 |
| OB1609 | | <0.01 | <10 | <10 | 1 | <10 | 11 |
| OB1610 | | <0.01 | <10 | <10 | 1 | <10 | 4 |
| OB1611 | | <0.01 | <10 | <10 | <1 | <10 | 2 |
| GD1195 | | <0.01 | <10 | <10 | 2 | <10 | 10 |



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Page #: 1
Date : 25-Jul-2003
Account: NJY

CERTIFICATE VA03025485

Project : Cranbrook Gold

P.O. No:

This report is for 2 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 16-Jul-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

Zinger-rock

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| FND-02 | Find Sample for Addn Analysis |
| SPL-21 | Split sample - riffle splitter |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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Signature:



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Page #: 2 - A

Total # of pages : 2 (A)

Date : 25-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS

VA03025485

| Sample Description | Method Analyte Units LOR | WEI-21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-AA25 | Au-AA25D |
|--------------------|-----------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| | | Recvd Wt | Au Total | Au (+) F | Au (-) F | Au (+) m | WT. + Fr | WT. - Fr | Au | Au | Au | Au | Au | Au |
| | | kg | ppm | ppm | ppm | mg | g | g | ppm | ppm | ppm | ppm | ppm | ppm |
| Z140 | | 0.02 | 0.05 | 0.05 | 0.05 | 0.001 | 0.01 | 0.1 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| Z157 | | | 9.27 | 69.1 | 8.73 | 0.280 | 4.05 | 443.3 | 8.76 | 8.69 | | | | |
| | | | 6.59 | 13.15 | 6.48 | 0.114 | 8.66 | 499.2 | 6.51 | 6.44 | | | | |

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Page # 1

Date : 25-Jul-2003

Account: NJY

CERTIFICATE VA03025489

Project : Cranbrook Gold

P.O. No:

This report is for 1 DRILL CORE sample submitted to our lab in North Vancouver, BC, Canada on 17-Jul-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

*Zinger - rock (Kennedy)***SAMPLE PREPARATION**

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| FND-02 | Find Sample for Addn Analysis |
| SPL-21 | Split sample - riffle splitter |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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Page #: 2 - A

Total # of pages : 2 (A)

Date : 25-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03025489

| Sample Description | Method Analyte Units LOR | WEI-21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-AA25 | Au-AA25D |
|--------------------|-----------------------------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| | | Recvd Wt | Au Total | Au (+) F | Au (-) F | Au (+) m | WT. + Fr | WT. - Fr | Au | Au |
| | | kg | ppm | ppm | ppm | mg | g | g | ppm | ppm |
| | | 0.02 | 0.05 | 0.05 | 0.05 | 0.001 | 0.01 | 0.1 | 0.01 | 0.01 |
| GD1188A | | | 7.56 | 16.55 | 7.50 | 0.166 | 10.02 | 1629.0 | 7.49 | 7.51 |

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CRANBROOK BC V1C 2N1Page 1
Date : 21-Jul-2003
Account: NJY**CERTIFICATE VA03025542**

Project : Cransbrook Gold

P.O. No:

This report is for 17 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 14-Jul-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

*Zinger - rock***SAMPLE PREPARATION**

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rod w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

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Total # of pages : 2 (A - C)

Date : 21-Jul-2003

Account: NJY

Project : Cransbrook Gold

CERTIFICATE OF ANALYSIS VA03025542

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|-----------|----------|----------|----------|-----------|
| | | Ti % | Ti ppm | U ppm | V ppm | W ppm | Zn ppm |
| | | 0.01 | 10 | 10 | 1 | 10 | 2 |
| GD1199 | | <0.01 | <10 | <10 | 2 | <10 | 21 |
| GD1200 | | <0.01 | <10 | <10 | 3 | <10 | 8 |
| GD1201 | | <0.01 | <10 | <10 | 3 | <10 | 9 |
| OB1620 | | <0.01 | <10 | <10 | 2 | <10 | 3 |
| OB1622 | | <0.01 | <10 | <10 | 1 | <10 | 2 |
| OB1623 | | <0.01 | <10 | <10 | 2 | <10 | 4 |
| OB1624 | | <0.01 | <10 | <10 | 3 | <10 | 8 |
| OB1625 | | <0.01 | <10 | <10 | 3 | <10 | 14 |
| OB1626 | | 0.01 | <10 | <10 | 5 | <10 | 21 |
| OB1627 | | <0.01 | <10 | <10 | 2 | <10 | 9 |
| OB1628 | | <0.01 | <10 | <10 | 2 | <10 | 27 |
| OB1629 | | <0.01 | <10 | <10 | 3 | <10 | 15 |
| OB1630 | | 0.01 | <10 | <10 | 6 | <10 | 28 |
| OB7233 | | <0.01 | <10 | <10 | 3 | <10 | 21 |
| OB7234 | | <0.01 | <10 | <10 | 1 | <10 | 20 |
| OB7235 | | <0.01 | <10 | <10 | 1 | <10 | 19 |

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Page #: 1

Date : 24-Jul-2003

Account: NJY

CERTIFICATE VA03025876

Project : Cranbrook Gold

P.O. No:

This report is for 9 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 15-Jul-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

*Zinger-rock***SAMPLE PREPARATION**

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: CHAPLEAU RESOURCES
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Total # of pages : 2 (A - C)

Date : 24-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS**VA03025876**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|----------|-----------|-----------|-----------|----------|----------|-----------|----------|-----------|----------|-----------|----------|----------|----------|
| | | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc | Sr |
| | | ppm 10 | ppm 1 | % 0.01 | ppm 10 | % 0.01 | ppm 5 | ppm 1 | % 0.01 | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 | ppm 1 | ppm 1 |
| OB1621 | | <10 | <1 | 0.31 | 20 | 0.20 | 19 | <1 | 0.01 | 6 | 180 | 3 | 0.02 | <2 | 1 | 4 |
| OB1631 | | <10 | <1 | 0.18 | 20 | 0.01 | 31 | 2 | 0.01 | 6 | 100 | 3 | <0.01 | <2 | <1 | 3 |
| OB1632 | | <10 | <1 | 0.11 | 20 | 0.02 | 31 | 1 | 0.01 | 18 | 180 | 38 | 0.01 | 5 | <1 | 7 |
| OB1633 | | <10 | <1 | 0.23 | <10 | 0.01 | 11 | 3 | 0.01 | 8 | 510 | 13 | 0.02 | 2 | 1 | 3 |
| OB1634 | | <10 | <1 | 0.15 | 20 | 2.08 | 188 | <1 | <0.01 | 25 | 220 | <2 | <0.01 | <2 | 1 | 2 |
| OB1635 | | <10 | <1 | 0.19 | 20 | 0.01 | 20 | 3 | 0.01 | 6 | 70 | 21 | 0.01 | <2 | <1 | 6 |
| OB1636 | | <10 | <1 | 0.05 | <10 | 0.01 | 38 | 4 | <0.01 | 12 | 70 | 8 | <0.01 | <2 | <1 | 2 |
| OB1637 | | <10 | <1 | 0.04 | <10 | 0.01 | 128 | 2 | 0.01 | 13 | 40 | 4 | <0.01 | <2 | <1 | 1 |
| GD1202 | | <10 | <1 | 0.04 | <10 | <0.01 | 15 | 4 | 0.01 | 9 | 20 | 5 | <0.01 | <2 | <1 | 2 |

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Page #: 2 - C

Total # of pages : 2 (A - C)

Date : 24-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS**VA03025876**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ti | Ti | U | V | W | Zn |
| | | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| OB1621 | | <0.01 | <10 | <10 | 3 | <10 | 7 |
| OB1631 | | <0.01 | <10 | <10 | 2 | <10 | 3 |
| OB1632 | | <0.01 | <10 | <10 | 2 | <10 | 9 |
| OB1633 | | <0.01 | <10 | <10 | 3 | 10 | <2 |
| OB1634 | | 0.01 | <10 | <10 | 9 | <10 | 59 |
| OB1635 | | <0.01 | <10 | <10 | 3 | <10 | 2 |
| OB1636 | | <0.01 | <10 | <10 | 2 | 10 | 4 |
| OB1637 | | <0.01 | <10 | <10 | 2 | <10 | 5 |
| GD1202 | | <0.01 | <10 | <10 | 1 | 10 | <2 |

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Page #: 1

Date : 24-Jul-2003

Account: NJY

*Zinger-rock***CERTIFICATE VA03026137**

Project : Cranbrook Gold

P.O. No:

This report is for 13 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 17-Jul-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Ag-AA46 | Ore grade Ag - aqua regia/AA | AAS |
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

**ALS Chemex****EXCELLENCE IN ANALYTICAL CHEMISTRY**

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Total # of pages : 2 (A - C)

Date : 24-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03026137

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| OB1638 | | 1.42 | 0.316 | <0.2 | 0.30 | 3 | <10 | 30 | <0.5 | 2 | <0.01 | <0.5 | 1 | 185 | 7 | 0.40 |
| OB1639 | | 1.58 | 1.030 | 0.6 | 0.24 | <2 | <10 | 800 | <0.5 | 2 | <0.01 | <0.5 | 3 | 182 | 13 | 2.38 |
| OB1640 | | 1.54 | 0.040 | <0.2 | 0.23 | 4 | <10 | 40 | <0.5 | <2 | 0.03 | <0.5 | 3 | 239 | 8 | 1.28 |
| OB1641 | | 0.72 | <0.005 | <0.2 | 0.30 | 4 | <10 | 30 | <0.5 | <2 | 0.01 | <0.5 | 2 | 279 | 8 | 1.24 |
| OB1642 | | 1.34 | <0.005 | <0.2 | 0.41 | 2 | <10 | 30 | <0.5 | <2 | <0.01 | <0.5 | 2 | 168 | 6 | 0.82 |
| OB1643 | | 1.58 | <0.005 | <0.2 | 0.21 | 2 | <10 | 30 | <0.5 | <2 | <0.01 | <0.5 | 5 | 210 | 7 | 1.25 |
| OB1644 | | 1.50 | >10.0 | 24.1 | 0.20 | 3 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 2 | 172 | 708 | 1.23 |
| OB1645 | | 0.78 | 0.014 | <0.2 | 0.16 | <2 | <10 | <10 | <0.5 | <2 | 0.02 | <0.5 | 3 | 382 | 15 | 0.68 |
| OB1646 | | 1.58 | <0.005 | <0.2 | 0.06 | 2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 214 | 8 | 0.85 |
| OB1647 | | 1.24 | 0.154 | 0.2 | 0.24 | <2 | <10 | 220 | <0.5 | <2 | <0.01 | <0.5 | 1 | 164 | 7 | 0.47 |
| OB1648 | | 1.50 | 2.81 | 1.0 | 0.22 | 3 | <10 | 90 | <0.5 | 2 | <0.01 | <0.5 | 2 | 143 | 12 | 1.10 |
| OB1649 | | 0.86 | 6.73 | >100 | 0.03 | 299 | <10 | 600 | <0.5 | 2 | 0.02 | 32.9 | 12 | 317 | 8940 | 2.42 |
| OB1650 | | 1.68 | <0.005 | 0.5 | 0.20 | 3 | <10 | 480 | <0.5 | 3 | 0.04 | <0.5 | 3 | 138 | 13 | 0.92 |

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Date : 24-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03026137

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | Ga ppm 10 | Hg ppm 1 | K % 0.01 | La ppm 10 | Mg % 0.01 | Mn ppm 5 | Mo ppm 1 | Na % 0.01 | Ni ppm 1 | P ppm 10 | Pb ppm 2 | S % 0.01 | Sb ppm 2 | Sc ppm 1 |
| OB1638 | | <10 | <1 | 0.22 | 20 | 0.02 | 16 | 3 | <0.01 | 9 | 40 | 53 | <0.01 | <2 | <1 |
| OB1639 | | <10 | <1 | 0.17 | 10 | 0.01 | 24 | 2 | 0.01 | 8 | 70 | 139 | 0.07 | <2 | <1 |
| OB1640 | | <10 | <1 | 0.10 | 10 | 0.03 | 110 | 4 | 0.01 | 14 | 210 | 5 | <0.01 | <2 | 1 |
| OB1641 | | <10 | <1 | 0.12 | 10 | 0.06 | 34 | 2 | 0.01 | 14 | 130 | 3 | <0.01 | <2 | <1 |
| OB1642 | | <10 | <1 | 0.15 | 20 | 0.04 | 36 | 3 | 0.01 | 10 | 110 | 3 | <0.01 | <2 | <1 |
| OB1643 | | <10 | <1 | 0.11 | 10 | 0.02 | 127 | 2 | <0.01 | 14 | 160 | <2 | <0.01 | <2 | 1 |
| OB1644 | | <10 | <1 | 0.15 | 10 | 0.01 | 11 | 1 | <0.01 | 7 | 60 | 88 | 0.16 | 2 | <1 |
| OB1645 | | <10 | <1 | 0.03 | <10 | 0.13 | 27 | 7 | 0.01 | 20 | 100 | 4 | <0.01 | 2 | <1 |
| OB1646 | | <10 | <1 | 0.04 | <10 | <0.01 | 46 | 1 | <0.01 | 9 | 30 | 2 | <0.01 | <2 | <1 |
| OB1647 | | <10 | <1 | 0.19 | 10 | 0.01 | 7 | 3 | <0.01 | 8 | 50 | 38 | 0.08 | <2 | <1 |
| OB1648 | | <10 | <1 | 0.16 | 20 | 0.01 | 17 | 1 | <0.01 | 6 | 90 | 104 | 0.01 | 2 | <1 |
| OB1649 | | <10 | 23 | 0.02 | <10 | 0.01 | 55 | 14 | 0.01 | 18 | 50 | 8160 | 0.21 | 1550 | 1 |
| OB1650 | | <10 | <1 | 0.13 | 10 | 0.02 | 412 | 2 | 0.02 | 8 | 90 | 54 | 0.01 | <2 | <1 |

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Page #: 2 - C

Total # of pages : 2 (A - C)

Date : 24-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03026137

| Sample Description | Method Analyte Units LOR | ME-ICP41 TI % 0.01 | ME-ICP41 TI ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 | Ag-AA46 Ag ppm 1 |
|--------------------|-----------------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|---------------------------|
| OB1638 | | <0.01 | <10 | <10 | 3 | <10 | 3 | |
| OB1639 | | <0.01 | <10 | <10 | 2 | <10 | 7 | |
| OB1640 | | 0.01 | <10 | <10 | 5 | <10 | 9 | |
| OB1641 | | <0.01 | <10 | <10 | 4 | <10 | 8 | |
| OB1642 | | <0.01 | <10 | <10 | 3 | <10 | 11 | |
| OB1643 | | <0.01 | <10 | <10 | 2 | <10 | 14 | |
| OB1644 | | <0.01 | <10 | <10 | 1 | <10 | 2 | |
| OB1645 | | <0.01 | <10 | <10 | 3 | 10 | 2 | |
| OB1646 | | <0.01 | <10 | <10 | 1 | <10 | 2 | |
| OB1647 | | <0.01 | <10 | <10 | 2 | 10 | <2 | |
| OB1648 | | <0.01 | <10 | <10 | 1 | <10 | 37 | |
| OB1649 | | <0.01 | <10 | <10 | 3 | 300 | 709 | 675 |
| OB1650 | | <0.01 | <10 | <10 | 2 | 10 | 23 | |

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Page #: 1

Date : 30-Jul-2003

Account: NJY

*Zinger-rock***CERTIFICATE VA03026284**

Project : Cranbrook Gold

P.O. No:

This report is for 37 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 18-Jul-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| SCR-21 | Screen to -100 um |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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CRANBROOK BC V1C 2N1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Total # of pages : 2 (A - D)

Date : 30-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03026284

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | Au-AA24 Au Check ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|-------------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|
| GD1203 | | 1.50 | 0.329 | | <0.2 | 0.20 | 4 | <10 | 40 | <0.5 | <2 | <0.01 | <0.5 | 2 | 170 | 10 |
| GD1204 | | 1.40 | <0.005 | | <0.2 | 0.15 | 6 | <10 | 30 | <0.5 | <2 | 0.04 | <0.5 | 2 | 190 | 8 |
| GD1205 | | 1.14 | 0.267 | | 0.2 | 0.24 | <2 | <10 | 40 | <0.5 | <2 | <0.01 | <0.5 | 2 | 165 | 9 |
| GD1206 | | 0.80 | 0.074 | | <0.2 | 0.10 | 2 | <10 | 30 | <0.5 | <2 | <0.01 | <0.5 | 1 | 348 | 10 |
| GD1207 | | 1.58 | <0.005 | | <0.2 | 0.13 | 5 | <10 | 40 | <0.5 | <2 | 0.38 | <0.5 | 3 | 244 | 8 |
| GD1208 | | 0.80 | <0.005 | | 0.3 | 0.31 | 2 | <10 | 50 | <0.5 | <2 | 0.01 | <0.5 | 1 | 120 | 4 |
| GD1209 | | 1.14 | <0.005 | | <0.2 | 0.03 | <2 | 10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 212 | 6 |
| GD1210 | | 1.46 | >10.0 | | 28.8 | 0.10 | <2 | <10 | 10 | <0.5 | 41 | <0.01 | <0.5 | 3 | 189 | 1095 |
| GD1211 | | 1.08 | 0.356 | | 0.2 | 0.25 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | <1 | 126 | 7 |
| GD1212 | | 1.04 | 0.473 | | 0.3 | 0.32 | 2 | <10 | 40 | <0.5 | <2 | <0.01 | <0.5 | <1 | 120 | 12 |
| GD1213 | | 1.00 | 0.402 | | <0.2 | 0.23 | 2 | <10 | 220 | <0.5 | <2 | <0.01 | <0.5 | <1 | 133 | 8 |
| GD1214 | | 1.18 | 0.808 | | 1.1 | 0.25 | <2 | <10 | 180 | <0.5 | <2 | <0.01 | <0.5 | 1 | 134 | 7 |
| GD1215 | | 1.72 | 0.348 | | <0.2 | 0.32 | 3 | <10 | 30 | <0.5 | <2 | <0.01 | <0.5 | 2 | 71 | 5 |
| GD1216 | | 1.26 | 0.485 | | 0.6 | 0.22 | <2 | <10 | 30 | <0.5 | <2 | <0.01 | <0.5 | <1 | 77 | 3 |
| GD1217 | | 0.96 | 0.186 | | <0.2 | 0.32 | 2 | <10 | 650 | <0.5 | <2 | <0.01 | <0.5 | <1 | 59 | 8 |
| GD1218 | | 0.98 | 0.512 | | 0.5 | 0.21 | 3 | <10 | 40 | <0.5 | <2 | <0.01 | <0.5 | 1 | 174 | 10 |
| GD1219 | | 0.80 | 0.271 | | 0.2 | 0.24 | 2 | <10 | 30 | <0.5 | <2 | <0.01 | <0.5 | 1 | 150 | 10 |
| GD1220 | | 1.50 | 0.311 | | <0.2 | 0.17 | 3 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 1 | 112 | 7 |
| GD1221 | | 0.94 | 0.006 | | <0.2 | 0.18 | 6 | <10 | 30 | <0.5 | <2 | 0.04 | <0.5 | 3 | 278 | 8 |
| GD1222 | | 0.90 | <0.005 | | <0.2 | 0.21 | 4 | <10 | 10 | <0.5 | <2 | 0.01 | <0.5 | 1 | 169 | 5 |
| GD1223 | | 0.92 | <0.005 | | <0.2 | 0.06 | 3 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 216 | 8 |
| GD1224 | | 0.74 | <0.005 | | <0.2 | 0.15 | 3 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 280 | 7 |
| OB1651 | | 1.22 | 0.010 | | <0.2 | 0.17 | 2 | <10 | 50 | <0.5 | <2 | <0.01 | <0.5 | 3 | 132 | 7 |
| OB1652 | | 1.06 | <0.005 | | <0.2 | 0.25 | <2 | <10 | 40 | <0.5 | <2 | 0.04 | <0.5 | 3 | 173 | 5 |
| OB1653 | | 1.58 | 0.072 | | 3.4 | 0.14 | 3 | <10 | 10 | <0.5 | 28 | <0.01 | <0.5 | <1 | 145 | 21 |
| OB1654 | | 1.88 | 0.045 | | 0.2 | 0.06 | 8 | <10 | 10 | <0.5 | 3 | <0.01 | 0.5 | 72 | 106 | 10 |
| OB1655 | | 0.90 | <0.005 | | <0.2 | 0.28 | 3 | <10 | 140 | <0.5 | <2 | 0.05 | <0.5 | 3 | 231 | 6 |
| OB1656 | | 1.50 | <0.005 | | <0.2 | 0.12 | 5 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 2 | 187 | 6 |
| OB1657 | | 0.92 | 0.007 | | <0.2 | 0.07 | 3 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 5 | 293 | 10 |
| OB1658 | | 1.18 | 0.609 | | <0.2 | 0.18 | 5 | <10 | 40 | <0.5 | <2 | <0.01 | <0.5 | 1 | 190 | 6 |
| OB1659 | | 1.52 | 0.986 | | 0.5 | 0.19 | 4 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 1 | 112 | 4 |
| OB1660 | | 1.18 | 0.788 | | 1.6 | 0.17 | 3 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 1 | 142 | 5 |
| OB1661 | | 1.22 | 0.398 | | 0.4 | 0.06 | 3 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 2 | 235 | 7 |
| OB1662 | | 1.06 | 0.149 | | <0.2 | 0.23 | 3 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 1 | 107 | 4 |
| OB1663 | | 1.14 | 0.412 | | 0.6 | 0.21 | 4 | <10 | 30 | <0.5 | 2 | <0.01 | <0.5 | 1 | 164 | 5 |
| OB1664 | | 1.18 | 0.430 | | <0.2 | 0.21 | 5 | <10 | 50 | 0.6 | <2 | <0.01 | 0.5 | 5 | 151 | 7 |
| OB1665 | | 1.10 | 0.121 | 0.129 | <0.2 | 0.18 | 2 | <10 | 60 | <0.5 | <2 | <0.01 | <0.5 | 3 | 214 | 9 |

Comments: Some samples in this set exhibit Au nugget effect.



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Page #: 2 - B

Total # of pages : 2 (A - D)

Date : 30-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03026284

| Sample Description | Method Analyte Units LOR | ME-ICP41 Fe % | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % | ME-ICP41 La ppm 10 | ME-ICP41 Mg % | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 |
|--------------------|-----------------------------------|---------------------|-----------------------------|----------------------------|--------------------|-----------------------------|---------------------|----------------------------|----------------------------|---------------------|----------------------------|----------------------------|----------------------------|--------------------|----------------------------|----------------------------|
| GD1203 | | 1.30 | <10 | <1 | 0.14 | 20 | 0.02 | 31 | 4 | <0.01 | 9 | 150 | 29 | 0.01 | <2 | 1 |
| GD1204 | | 1.15 | <10 | <1 | 0.09 | 10 | 0.01 | 45 | 2 | 0.01 | 9 | 430 | 14 | 0.01 | <2 | 1 |
| GD1205 | | 0.65 | <10 | <1 | 0.18 | 30 | 0.02 | 17 | 4 | <0.01 | 8 | 70 | 12 | <0.01 | <2 | <1 |
| GD1206 | | 0.94 | <10 | <1 | 0.06 | 10 | 0.01 | 51 | 2 | <0.01 | 13 | 40 | 12 | <0.01 | <2 | <1 |
| GD1207 | | 1.04 | <10 | <1 | 0.08 | 10 | 0.15 | 445 | 8 | 0.01 | 13 | 350 | <2 | <0.01 | <2 | <1 |
| GD1208 | | 1.06 | <10 | <1 | 0.17 | 20 | 0.03 | 60 | 1 | 0.04 | 5 | 70 | 2 | <0.01 | <2 | 1 |
| GD1209 | | 0.52 | <10 | <1 | 0.02 | <10 | 0.01 | 24 | 1 | <0.01 | 7 | 20 | 2 | <0.01 | <2 | <1 |
| GD1210 | | 5.10 | <10 | <1 | 0.07 | 10 | <0.01 | 15 | 1 | <0.01 | 11 | 240 | 485 | 0.17 | <2 | 1 |
| GD1211 | | 0.54 | <10 | <1 | 0.20 | 20 | 0.02 | 7 | 3 | <0.01 | 4 | 70 | 18 | <0.01 | <2 | <1 |
| GD1212 | | 1.06 | <10 | 1 | 0.21 | 30 | 0.02 | 47 | <1 | 0.01 | 4 | 200 | 805 | 0.03 | <2 | <1 |
| GD1213 | | 0.38 | <10 | <1 | 0.15 | 20 | 0.01 | 11 | 3 | 0.01 | 6 | 60 | 174 | 0.02 | <2 | <1 |
| GD1214 | | 0.94 | <10 | <1 | 0.18 | 20 | 0.02 | 38 | 1 | 0.01 | 7 | 180 | 423 | 0.04 | <2 | <1 |
| GD1215 | | 0.53 | <10 | <1 | 0.21 | 20 | 0.03 | 18 | 2 | <0.01 | 5 | 60 | 58 | <0.01 | <2 | <1 |
| GD1216 | | 0.44 | <10 | <1 | 0.18 | 20 | 0.02 | 9 | 1 | 0.01 | 4 | 70 | 233 | 0.01 | <2 | <1 |
| GD1217 | | 0.49 | <10 | <1 | 0.22 | 30 | 0.02 | 6 | 2 | 0.02 | 3 | 80 | 170 | 0.03 | <2 | 1 |
| GD1218 | | 1.35 | <10 | <1 | 0.15 | 20 | 0.01 | 12 | 1 | 0.01 | 6 | 140 | 557 | 0.03 | <2 | <1 |
| GD1219 | | 0.69 | <10 | <1 | 0.19 | 20 | 0.02 | 11 | 3 | <0.01 | 6 | 100 | 303 | 0.02 | <2 | <1 |
| GD1220 | | 0.77 | <10 | <1 | 0.13 | 20 | 0.01 | 56 | 1 | <0.01 | 5 | 100 | 151 | <0.01 | <2 | <1 |
| GD1221 | | 0.82 | <10 | <1 | 0.06 | 10 | 0.12 | 62 | 5 | 0.01 | 17 | 200 | 2 | <0.01 | <2 | <1 |
| GD1222 | | 0.47 | <10 | <1 | 0.13 | 80 | 0.03 | 15 | 1 | <0.01 | 6 | 150 | 2 | <0.01 | <2 | 1 |
| GD1223 | | 0.47 | <10 | <1 | 0.04 | 10 | 0.01 | 110 | 4 | <0.01 | 9 | 30 | 3 | <0.01 | <2 | <1 |
| GD1224 | | 0.72 | <10 | <1 | 0.07 | 10 | 0.05 | 43 | 2 | 0.01 | 11 | 30 | 2 | <0.01 | <2 | <1 |
| OB1651 | | 0.55 | <10 | <1 | 0.09 | 10 | 0.01 | 222 | 3 | <0.01 | 7 | 40 | 8 | <0.01 | <2 | <1 |
| OB1652 | | 1.16 | <10 | <1 | 0.11 | 20 | 0.13 | 92 | 1 | 0.01 | 10 | 240 | 3 | <0.01 | <2 | <1 |
| OB1653 | | 0.60 | <10 | <1 | 0.06 | 10 | 0.01 | 38 | 5 | 0.01 | 6 | 70 | 31 | <0.01 | <2 | <1 |
| OB1654 | | 4.37 | <10 | <1 | 0.03 | 10 | 0.01 | 28 | 5 | 0.01 | 29 | 220 | 19 | 0.01 | <2 | 1 |
| OB1655 | | 1.40 | <10 | <1 | 0.13 | 20 | 0.12 | 588 | 1 | 0.01 | 16 | 270 | 5 | <0.01 | <2 | 1 |
| OB1656 | | 0.48 | <10 | <1 | 0.01 | 10 | 0.12 | 34 | 4 | <0.01 | 9 | 50 | <2 | <0.01 | <2 | <1 |
| OB1657 | | 0.83 | <10 | <1 | 0.04 | <10 | 0.01 | 54 | 6 | 0.01 | 15 | 50 | 9 | <0.01 | <2 | <1 |
| OB1658 | | 0.84 | <10 | <1 | 0.13 | 20 | 0.01 | 14 | 1 | <0.01 | 8 | 160 | 4 | <0.01 | <2 | <1 |
| OB1659 | | 0.55 | <10 | <1 | 0.15 | 20 | 0.02 | 9 | 4 | <0.01 | 7 | 140 | 418 | 0.01 | <2 | <1 |
| OB1660 | | 0.95 | <10 | <1 | 0.14 | 20 | 0.01 | 14 | 1 | <0.01 | 6 | 120 | 1115 | 0.05 | <2 | <1 |
| OB1661 | | 0.63 | <10 | <1 | 0.05 | <10 | <0.01 | 14 | 5 | <0.01 | 11 | 40 | 64 | 0.01 | <2 | <1 |
| OB1662 | | 0.58 | <10 | <1 | 0.17 | 20 | 0.02 | 15 | 1 | <0.01 | 4 | 60 | 19 | <0.01 | <2 | <1 |
| OB1663 | | 0.93 | <10 | <1 | 0.17 | 30 | 0.02 | 11 | 8 | <0.01 | 8 | 130 | 190 | 0.01 | <2 | <1 |
| OB1664 | | 4.27 | <10 | <1 | 0.15 | 20 | 0.01 | 68 | 1 | <0.01 | 20 | 470 | 27 | 0.01 | <2 | 1 |
| OB1665 | | 0.82 | <10 | <1 | 0.04 | 10 | 0.08 | 303 | 5 | <0.01 | 13 | 80 | 7 | <0.01 | <2 | <1 |

Comments: Some samples in this set exhibit Au nugget effect.



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Page #: 2 - C

Total # of pages : 2 (A - D)

Date : 30-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03026284

| Sample Description | Method Analyte Units LOR | ME-ICP41 Sr ppm 1 | ME-ICP41 Ti % 0.01 | ME-ICP41 Ti ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25 Au Check ppm 0.01 |
|--------------------|-----------------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|------------------------------------|
| GD1203 | | 2 | <0.01 | <10 | <10 | 2 | <10 | 7 | 0.27 | 1.94 | 0.26 | 0.025 | 12.89 | 1471.0 | 0.26 | |
| GD1204 | | 3 | <0.01 | <10 | <10 | 2 | <10 | 7 | <0.05 | <0.05 | <0.05 | <0.001 | 38.42 | 1364.0 | <0.01 | |
| GD1205 | | 1 | <0.01 | <10 | <10 | 3 | <10 | 4 | 0.25 | <0.05 | 0.25 | <0.001 | 11.01 | 1128.0 | 0.24 | |
| GD1206 | | <1 | <0.01 | <10 | <10 | 1 | <10 | 5 | 0.07 | <0.05 | 0.07 | <0.001 | 1.55 | 809.4 | 0.06 | |
| GD1207 | | 9 | 0.01 | <10 | <10 | 4 | <10 | 10 | <0.05 | <0.05 | <0.05 | <0.001 | 22.21 | 1520.5 | <0.01 | |
| GD1208 | | 2 | 0.01 | <10 | <10 | 4 | <10 | 6 | <0.05 | <0.05 | <0.05 | <0.001 | 5.21 | 786.3 | <0.01 | |
| GD1209 | | 1 | <0.01 | <10 | <10 | 1 | <10 | 4 | <0.05 | <0.05 | <0.05 | <0.001 | 13.27 | 1119.0 | <0.01 | |
| GD1210 | | 1 | <0.01 | <10 | <10 | 1 | <10 | 6 | 92.7 | 35.4 | 93.8 | 1.026 | 29.01 | 1516.0 | 95.8 | |
| GD1211 | | 1 | <0.01 | <10 | <10 | 2 | <10 | 2 | 0.36 | 0.10 | 0.36 | 0.001 | 9.55 | 1041.0 | 0.41 | |
| GD1212 | | 2 | <0.01 | <10 | <10 | 8 | <10 | 49 | 0.59 | 8.12 | 0.52 | 0.079 | 8.73 | 1033.0 | 0.61 | |
| GD1213 | | 3 | <0.01 | <10 | <10 | 2 | <10 | 6 | 0.42 | 0.52 | 0.42 | 0.006 | 11.44 | 971.0 | 0.39 | |
| GD1214 | | 5 | <0.01 | <10 | <10 | 2 | <10 | 6 | 0.84 | 12.20 | 0.77 | 0.089 | 7.31 | 1184.5 | 0.78 | |
| GD1215 | | 1 | <0.01 | <10 | <10 | 4 | <10 | 8 | 0.32 | 0.86 | 0.31 | 0.013 | 15.10 | 1594.5 | 0.27 | |
| GD1216 | | 2 | <0.01 | <10 | <10 | 1 | <10 | 2 | 0.49 | 5.87 | 0.47 | 0.026 | 4.43 | 1245.0 | 0.37 | 0.45 |
| GD1217 | | 9 | <0.01 | <10 | <10 | 2 | <10 | 8 | 0.16 | 0.11 | 0.16 | 0.001 | 9.06 | 937.9 | 0.10 | |
| GD1218 | | 1 | <0.01 | <10 | <10 | 2 | <10 | 9 | 0.48 | 1.20 | 0.48 | 0.008 | 6.66 | 965.5 | 0.47 | |
| GD1219 | | 1 | <0.01 | <10 | <10 | 8 | <10 | 9 | 0.32 | 11.85 | 0.24 | 0.060 | 5.15 | 782.3 | 0.08 | 0.34 |
| GD1220 | | 1 | <0.01 | <10 | <10 | 4 | <10 | 21 | 0.14 | 0.21 | 0.14 | 0.004 | 19.29 | 1456.0 | 0.13 | |
| GD1221 | | 2 | <0.01 | <10 | <10 | 4 | <10 | 8 | <0.05 | <0.05 | <0.05 | <0.001 | 15.34 | 917.4 | 0.01 | |
| GD1222 | | 2 | <0.01 | <10 | <10 | 2 | <10 | 2 | <0.05 | <0.05 | <0.05 | <0.001 | 1.45 | 886.9 | <0.01 | |
| GD1223 | | 1 | <0.01 | <10 | <10 | 2 | <10 | 4 | <0.05 | <0.05 | <0.05 | <0.001 | 16.39 | 830.5 | <0.01 | |
| GD1224 | | 1 | <0.01 | <10 | <10 | 2 | <10 | 3 | <0.05 | <0.05 | <0.05 | <0.001 | 1.12 | 729.6 | <0.01 | |
| OB1651 | | 1 | <0.01 | <10 | <10 | 1 | <10 | 7 | <0.05 | <0.05 | <0.05 | <0.001 | 20.56 | 1170.5 | 0.01 | |
| OB1652 | | 2 | 0.01 | <10 | <10 | 5 | <10 | 18 | <0.05 | <0.05 | <0.05 | <0.001 | 15.86 | 1034.0 | <0.01 | |
| OB1653 | | 1 | <0.01 | <10 | <10 | 1 | <10 | 3 | 0.06 | <0.05 | 0.06 | <0.001 | 17.23 | 1548.5 | 0.06 | |
| OB1654 | | 1 | <0.01 | <10 | <10 | 2 | <10 | 12 | 0.06 | <0.05 | 0.06 | <0.001 | 28.42 | 1805.0 | 0.04 | |
| OB1655 | | 3 | 0.01 | <10 | <10 | 4 | <10 | 17 | <0.05 | <0.05 | <0.05 | <0.001 | 20.46 | 864.8 | 0.01 | |
| OB1656 | | 1 | <0.01 | <10 | <10 | 2 | <10 | 3 | <0.05 | <0.05 | <0.05 | <0.001 | 35.38 | 1425.0 | <0.01 | |
| OB1657 | | 1 | <0.01 | <10 | <10 | 3 | <10 | 8 | <0.05 | <0.05 | <0.05 | <0.001 | 31.14 | 668.4 | 0.01 | |
| OB1658 | | 2 | <0.01 | <10 | <10 | 2 | <10 | 3 | 0.92 | 9.09 | 0.75 | 0.217 | 23.87 | 1129.5 | 0.92 | |
| OB1659 | | 1 | <0.01 | <10 | <10 | 2 | <10 | 11 | 0.72 | 1.05 | 0.72 | 0.044 | 41.79 | 1440.0 | 0.81 | |
| OB1660 | | 1 | <0.01 | <10 | <10 | 3 | <10 | 29 | 0.80 | 1.69 | 0.79 | 0.031 | 18.35 | 1146.5 | 0.94 | |
| OB1661 | | <1 | <0.01 | <10 | <10 | 3 | <10 | 5 | 0.25 | 0.35 | 0.25 | 0.012 | 34.31 | 1157.0 | 0.22 | |
| OB1662 | | 1 | <0.01 | <10 | <10 | 1 | <10 | 3 | 0.20 | 0.35 | 0.20 | 0.006 | 17.02 | 1025.0 | 0.23 | |
| OB1663 | | 1 | <0.01 | <10 | <10 | 3 | <10 | 10 | 0.37 | 0.11 | 0.38 | 0.003 | 28.42 | 1095.0 | 0.38 | |
| OB1664 | | 14 | <0.01 | <10 | <10 | 3 | <10 | 45 | 0.45 | 0.13 | 0.46 | 0.003 | 23.59 | 1152.5 | 0.34 | |
| OB1665 | | 1 | <0.01 | <10 | <10 | 3 | <10 | 14 | 0.22 | <0.05 | 0.23 | <0.001 | 31.81 | 1035.5 | 0.25 | |

Comments: Some samples in this set exhibit Au nugget effect.

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Date : 30-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS**VA03026284**

| Sample Description | Method Analyte Units LOR | Au-AA25D Au ppm 0.01 |
|--------------------|-----------------------------------|-------------------------------|
| GD1203 | | 0.26 |
| GD1204 | | <0.01 |
| GD1205 | | 0.26 |
| GD1206 | | 0.08 |
| GD1207 | | <0.01 |
| GD1208 | | <0.01 |
| GD1209 | | 0.02 |
| GD1210 | | 91.7 |
| GD1211 | | 0.31 |
| GD1212 | | 0.43 |
| GD1213 | | 0.44 |
| GD1214 | | 0.75 |
| GD1215 | | 0.35 |
| GD1216 | | 0.58 |
| GD1217 | | 0.22 |
| GD1218 | | 0.48 |
| GD1219 | | 0.31 |
| GD1220 | | 0.15 |
| GD1221 | | 0.01 |
| GD1222 | | 0.01 |
| GD1223 | | <0.01 |
| GD1224 | | 0.01 |
| OB1651 | | 0.01 |
| OB1652 | | <0.01 |
| OB1653 | | 0.06 |
| OB1654 | | 0.08 |
| OB1655 | | <0.01 |
| OB1656 | | <0.01 |
| OB1657 | | <0.01 |
| OB1658 | | 0.57 |
| OB1659 | | 0.62 |
| OB1660 | | 0.63 |
| OB1661 | | 0.27 |
| OB1662 | | 0.16 |
| OB1663 | | 0.38 |
| OB1664 | | 0.57 |
| OB1665 | | 0.21 |

Comments: Some samples in this set exhibit Au nugget effect.

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Page #: 1

Date : 28-Jul-2003

Account: NJY

CERTIFICATE VA03026394

Project : Cranbrook Gold

P.O. No:

This report is for 7 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 18-Jul-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

*Zinger-rock***SAMPLE PREPARATION**

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

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Total # of pages : 2 (A - C)

Date : 28-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03026394

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| OB1666 | | 1.60 | 0.031 | <0.2 | 0.34 | 18 | <10 | 30 | <0.5 | <2 | <0.01 | <0.5 | 2 | 148 | 12 | 1.32 |
| OB1666 | | 1.12 | 0.038 | <0.2 | 0.10 | 13 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 238 | 9 | 0.83 |
| OB1666 | | 1.66 | 0.020 | <0.2 | 0.08 | 15 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 184 | 8 | 0.90 |
| OB1666 | | 1.40 | <0.005 | <0.2 | 0.01 | 2 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | <1 | 196 | 8 | 0.28 |
| OB1666 | | 1.08 | 2.11 | <0.2 | 0.34 | 4 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | <1 | 97 | 12 | 1.11 |
| GD1225 | | 1.20 | 0.179 | <0.2 | 0.19 | <2 | <10 | 30 | <0.5 | <2 | 0.01 | <0.5 | 1 | 211 | 9 | 0.91 |
| GD1226 | | 1.00 | <0.005 | <0.2 | 0.17 | 2 | <10 | 210 | <0.5 | <2 | 0.01 | <0.5 | 4 | 194 | 5 | 1.07 |



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Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03026394

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | Ga ppm 10 | Hg ppm 1 | K % 0.01 | La ppm 10 | Mg % 0.01 | Mn ppm 5 | Mo ppm 1 | Na % 0.01 | Ni ppm 1 | P ppm 10 | Pb ppm 2 | S % 0.01 | Sb ppm 2 | Sc ppm 1 |
| OB1666 | | <10 | <1 | 0.11 | 20 | 0.01 | 33 | 2 | 0.01 | 8 | 220 | 14 | <0.01 | <2 | 1 |
| OB1666 | | <10 | <1 | 0.06 | 10 | 0.01 | 16 | 4 | <0.01 | 11 | 120 | 8 | <0.01 | <2 | 1 |
| OB1666 | | <10 | <1 | 0.05 | <10 | 0.01 | 15 | 1 | <0.01 | 7 | 90 | 7 | <0.01 | <2 | <1 |
| OB1666 | | <10 | <1 | <0.01 | <10 | 0.01 | 13 | 3 | 0.01 | 8 | 10 | 2 | <0.01 | <2 | <1 |
| OB1666 | | <10 | <1 | 0.18 | 20 | 0.02 | 29 | <1 | <0.01 | 4 | 220 | 3 | <0.01 | <2 | <1 |
| GD1225 | | <10 | <1 | 0.11 | 10 | 0.01 | 42 | 1 | 0.01 | 6 | 100 | 2 | <0.01 | <2 | <1 |
| GD1226 | | <10 | <1 | 0.06 | 10 | 0.03 | 414 | 1 | 0.03 | 8 | 120 | 3 | <0.01 | <2 | 1 |

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Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS**VA03026394**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ti | Ti | U | V | W | Zn |
| | | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| OB1666 | | <0.01 | <10 | <10 | 2 | <10 | 19 |
| OB1666 | | <0.01 | <10 | <10 | 2 | <10 | 4 |
| OB1666 | | <0.01 | <10 | <10 | 1 | <10 | 9 |
| OB1666 | | <0.01 | <10 | <10 | 1 | <10 | <2 |
| OB1666 | | <0.01 | <10 | <10 | 2 | <10 | 3 |
| GD1225 | | <0.01 | <10 | <10 | 2 | <10 | 6 |
| GD1226 | | <0.01 | <10 | <10 | 2 | <10 | 11 |



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Page # : 1
Date : 28-Jul-2003
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Zinger rock

CERTIFICATE VA03026579

Project : Cranbrook Gold
P.O. No:
This report is for 15 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 21-Jul-2003.
The following have access to data associated with this certificate:
ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
104-135 10TH AVE S
CRANBROOK BC V1C 2N1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



ALS Chemex

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Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03026579

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| OB 7236 | | 1.58 | 0.007 | <0.2 | 0.31 | 12 | <10 | 60 | <0.5 | <2 | <0.01 | <0.5 | 2 | 5 | 2 | 0.45 |
| OB 7237 | | 1.54 | 0.033 | <0.2 | 0.24 | 4 | <10 | 50 | <0.5 | <2 | 0.01 | <0.5 | <1 | 6 | 5 | 0.47 |
| OB 7238 | | 0.80 | <0.005 | <0.2 | 0.10 | 333 | <10 | 40 | <0.5 | <2 | <0.01 | <0.5 | 6 | 12 | 5 | 2.84 |
| OB 7239 | | 1.20 | 0.018 | <0.2 | 0.04 | 68 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 14 | 4 | 0.79 |
| OB 7240 | | 1.42 | 0.036 | <0.2 | 0.18 | 37 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 1 | 7 | 5 | 0.52 |
| OB 7241 | | 1.34 | <0.005 | <0.2 | 0.20 | 12 | <10 | 100 | <0.5 | 2 | <0.01 | <0.5 | 42 | 10 | 3 | 2.17 |
| OB 7242 | | 1.24 | 0.020 | <0.2 | 0.14 | 6 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 4 | 14 | 2 | 0.73 |
| OB 7243 | | 1.18 | <0.005 | <0.2 | 0.20 | 5 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 5 | 9 | 1 | 1.05 |
| OB 7244 | | 0.98 | <0.005 | <0.2 | 0.57 | 2 | <10 | 50 | <0.5 | <2 | <0.01 | <0.5 | 25 | 9 | 2 | 1.44 |
| OB 7245 | | 0.82 | <0.005 | <0.2 | 0.28 | 3 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 5 | 5 | 3 | 0.55 |
| OB 7246 | | 1.64 | 0.012 | <0.2 | 0.04 | 4 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 5 | 18 | 2 | 1.19 |
| OB 7247 | | 1.28 | <0.005 | <0.2 | 0.11 | 8 | <10 | 260 | <0.5 | <2 | <0.01 | <0.5 | 16 | 12 | 2 | 1.53 |
| OB 7248 | | 1.36 | <0.005 | <0.2 | 0.04 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 23 | 22 | 6 | 1.40 |
| OB 7249 | | 0.92 | <0.005 | <0.2 | 0.18 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 10 | 8 | 1 | 0.66 |
| OB 7250 | | 0.98 | <0.005 | <0.2 | 0.68 | 8 | <10 | <10 | <0.5 | <2 | 0.01 | <0.5 | 37 | 20 | 3 | 2.04 |



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Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03026579

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | Ga ppm 10 | Hg ppm 1 | K % 0.01 | La ppm 10 | Mg % 0.01 | Mn ppm 5 | Mo ppm 1 | Na % 0.01 | Ni ppm 1 | P ppm 10 | Pb ppm 2 | S % 0.01 | Sb ppm 2 | Sc ppm 1 | Sr ppm 1 |
| OB 7236 | | <10 | <1 | 0.14 | 40 | 0.02 | 157 | <1 | 0.02 | 2 | 110 | 26 | 0.01 | <2 | 1 | 3 |
| OB 7237 | | <10 | <1 | 0.17 | 20 | 0.01 | 15 | <1 | 0.01 | 1 | 150 | 100 | 0.02 | <2 | <1 | 3 |
| OB 7238 | | <10 | 1 | 0.03 | <10 | 0.01 | 416 | 1 | <0.01 | 8 | 320 | 6 | <0.01 | 2 | 1 | 1 |
| OB 7239 | | <10 | <1 | 0.02 | <10 | <0.01 | 19 | <1 | <0.01 | 3 | 40 | 4 | <0.01 | <2 | <1 | <1 |
| OB 7240 | | <10 | <1 | 0.05 | 20 | <0.01 | 22 | <1 | 0.03 | 1 | 60 | 3 | <0.01 | <2 | <1 | 2 |
| OB 7241 | | <10 | <1 | 0.13 | <10 | 0.01 | 14 | <1 | 0.01 | 8 | 80 | 5 | 0.02 | <2 | <1 | 2 |
| OB 7242 | | <10 | <1 | 0.09 | <10 | 0.01 | 21 | <1 | 0.01 | 3 | 30 | 3 | <0.01 | <2 | <1 | 1 |
| OB 7243 | | <10 | <1 | 0.12 | 10 | 0.01 | 30 | <1 | 0.01 | 2 | 80 | 2 | <0.01 | <2 | 1 | 1 |
| OB 7244 | | <10 | 1 | 0.17 | 40 | 0.35 | 31 | <1 | 0.01 | 10 | 100 | 3 | 0.01 | <2 | 1 | 2 |
| OB 7245 | | <10 | <1 | 0.17 | 10 | 0.02 | 11 | <1 | <0.01 | 3 | 80 | <2 | <0.01 | <2 | 1 | 1 |
| OB 7246 | | <10 | <1 | 0.03 | <10 | <0.01 | 17 | <1 | <0.01 | 2 | 60 | 8 | <0.01 | <2 | <1 | <1 |
| OB 7247 | | <10 | <1 | 0.08 | <10 | 0.01 | 18 | <1 | <0.01 | 4 | 80 | 4 | 0.01 | <2 | <1 | 1 |
| OB 7248 | | <10 | <1 | 0.02 | 10 | <0.01 | 15 | <1 | 0.01 | 5 | 50 | 13 | 0.01 | <2 | <1 | 2 |
| OB 7249 | | <10 | <1 | 0.12 | 20 | 0.01 | 15 | <1 | <0.01 | 2 | 60 | 2 | 0.01 | <2 | <1 | 1 |
| OB 7250 | | <10 | <1 | 0.01 | <10 | 0.72 | 93 | <1 | <0.01 | 10 | 130 | 22 | 0.05 | <2 | 2 | 1 |



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Page #: 2 - C
Total # of pages : 2 (A - C)
Date : 28-Jul-2003
Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03026579

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ti % | ME-ICP41 Ti ppm | ME-ICP41 U ppm | ME-ICP41 V ppm | ME-ICP41 W ppm | ME-ICP41 Zn ppm |
|--------------------|-----------------------------------|---------------------|-----------------------|----------------------|----------------------|----------------------|-----------------------|
| | | 0.01 | 10 | 10 | 1 | 10 | 2 |
| OB 7236 | | <0.01 | <10 | <10 | 1 | <10 | 10 |
| OB 7237 | | <0.01 | <10 | <10 | 1 | <10 | 16 |
| OB 7238 | | <0.01 | <10 | <10 | 2 | <10 | 43 |
| OB 7239 | | <0.01 | <10 | <10 | 1 | <10 | 8 |
| OB 7240 | | <0.01 | <10 | <10 | 1 | <10 | 5 |
| OB 7241 | | <0.01 | <10 | <10 | 2 | <10 | 2 |
| OB 7242 | | <0.01 | <10 | <10 | 1 | <10 | <2 |
| OB 7243 | | <0.01 | <10 | <10 | 3 | <10 | 2 |
| OB 7244 | | <0.01 | <10 | <10 | 4 | <10 | 11 |
| OB 7245 | | <0.01 | <10 | <10 | 2 | <10 | 2 |
| OB 7246 | | <0.01 | <10 | <10 | 1 | <10 | <2 |
| OB 7247 | | <0.01 | <10 | <10 | 1 | <10 | 2 |
| OB 7248 | | <0.01 | <10 | <10 | 1 | <10 | 2 |
| OB 7249 | | <0.01 | <10 | <10 | 2 | <10 | <2 |
| OB 7250 | | <0.01 | <10 | <10 | 37 | <10 | 13 |

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Page #: 1

Date : 28-Jul-2003

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*Zinger - rock***CERTIFICATE VA03026700**

Project : Cranbrook Gold

P.O. No:

This report is for 19 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 21-Jul-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rod w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Pb-AA46 | Ore grade Pb - aqua regia/AA | AAS |
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

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Signature:

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Page #: 2-B

Total # of pages : 2 (A - C)

Date : 28-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS**VA03026700**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | Ga ppm 10 | Hg ppm 1 | K % 0.01 | La ppm 10 | Mg % 0.01 | Mn ppm 5 | Mo ppm 1 | Na % 0.01 | Ni ppm 1 | P ppm 10 | Pb ppm 2 | S % 0.01 | Sb ppm 2 | Sc ppm 1 | Sr ppm 1 |
| GD 1227 | | <10 | <1 | 0.02 | 10 | 0.03 | 196 | <1 | 0.03 | 10 | 50 | 5 | <0.01 | <2 | 1 | 2 |
| GD 1228 | | <10 | <1 | 0.06 | <10 | 0.01 | 49 | 1 | 0.01 | 11 | 90 | 7 | 0.01 | <2 | 1 | 1 |
| GD 1229 | | <10 | <1 | 0.23 | 20 | 0.06 | 164 | <1 | 0.01 | 9 | 80 | 3 | <0.01 | <2 | 2 | 2 |
| GD 1230 | | <10 | <1 | 0.08 | <10 | 0.01 | 26 | <1 | 0.01 | 6 | 70 | 3 | <0.01 | <2 | 1 | 1 |
| GD 1231 | | <10 | <1 | 0.03 | 10 | 0.01 | 26 | 1 | 0.02 | 3 | 50 | 21 | 0.01 | <2 | <1 | 1 |
| GD 1232 | | <10 | <1 | 0.12 | 20 | 0.05 | 131 | <1 | <0.01 | 2 | 50 | 3 | <0.01 | <2 | <1 | 4 |
| OB 1671 | | <10 | <1 | 0.07 | 10 | 0.07 | 323 | <1 | 0.03 | 2 | 80 | 2 | <0.01 | <2 | <1 | 2 |
| OB 1672 | | <10 | <1 | 0.02 | <10 | 0.02 | 45 | <1 | 0.02 | 3 | 70 | 5 | 0.03 | <2 | 1 | 2 |
| OB 1673 | | <10 | 2 | 0.03 | <10 | 0.15 | 1730 | 25 | <0.01 | 12 | 80 | >10000 | 0.08 | 69 | 1 | 32 |
| OB 1674 | | <10 | <1 | 0.12 | 10 | 0.01 | 14 | 2 | <0.01 | 2 | 40 | 67 | <0.01 | <2 | <1 | 2 |
| OB 1675 | | <10 | <1 | 0.08 | <10 | 0.01 | 26 | <1 | 0.01 | 9 | 60 | 120 | 0.02 | <2 | <1 | 1 |
| OB 1676 | | <10 | <1 | 0.04 | <10 | 0.01 | 342 | 26 | <0.01 | 9 | 50 | >10000 | 0.07 | 36 | 1 | 11 |
| OB 1677 | | <10 | <1 | 0.15 | 10 | 0.02 | 39 | 1 | 0.01 | 4 | 210 | 41 | <0.01 | <2 | 1 | 1 |
| OB 1678 | | <10 | <1 | 0.05 | <10 | 0.01 | 81 | 1 | <0.01 | 4 | 1000 | 37 | 0.01 | <2 | 1 | 3 |
| OB 1679 | | <10 | <1 | 0.21 | 30 | 0.01 | 22 | <1 | 0.01 | 2 | 70 | 53 | 0.01 | <2 | <1 | 1 |
| OB 1680 | | <10 | <1 | 0.06 | 10 | 0.01 | 118 | <1 | 0.01 | 4 | 170 | 11 | 0.01 | <2 | 2 | 2 |
| OB 1681 | | <10 | <1 | 0.13 | 10 | 0.01 | 21 | 1 | 0.01 | 2 | 50 | 19 | 0.02 | <2 | <1 | 2 |
| OB 1682 | | <10 | <1 | 0.10 | 10 | 0.01 | 22 | 1 | 0.01 | 1 | 50 | 33 | 0.02 | <2 | <1 | 3 |
| OB 1683 | | <10 | <1 | 0.07 | 10 | 0.05 | 106 | <1 | 0.02 | 4 | 60 | 50 | 0.01 | <2 | 1 | 1 |

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Page #: 2 - C

Total # of pages : 2 (A - C)

Date : 28-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS**VA03026700**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | Pb-AA46 |
|--------------------|-----------------------------------|-----------------|-----------------|----------------|---------------|----------------|----------------|-----------------|
| | | Ti % 0.01 | Ti ppm 10 | U ppm 10 | V ppm 1 | W ppm 10 | Zn ppm 2 | Pb % 0.01 |
| GD 1227 | | <0.01 | <10 | <10 | 1 | <10 | 23 | |
| GD 1228 | | <0.01 | <10 | <10 | 1 | <10 | 2 | |
| GD 1229 | | <0.01 | <10 | <10 | 3 | <10 | 12 | |
| GD 1230 | | <0.01 | <10 | <10 | 1 | <10 | <2 | |
| GD 1231 | | <0.01 | <10 | <10 | 2 | <10 | 6 | |
| GD 1232 | | <0.01 | <10 | <10 | <1 | <10 | 6 | |
| OB 1671 | | <0.01 | <10 | <10 | 1 | <10 | 10 | |
| OB 1672 | | <0.01 | <10 | <10 | 1 | <10 | 4 | |
| OB 1673 | | <0.01 | <10 | <10 | <1 | 290 | 1170 | 6.70 |
| OB 1674 | | <0.01 | <10 | <10 | <1 | 10 | 2 | |
| OB 1675 | | <0.01 | <10 | <10 | 1 | <10 | 4 | |
| OB 1676 | | <0.01 | <10 | <10 | 3 | 200 | 189 | 2.50 |
| OB 1677 | | <0.01 | <10 | <10 | 3 | 10 | 8 | |
| OB 1678 | | <0.01 | <10 | <10 | 1 | <10 | 9 | |
| OB 1679 | | <0.01 | <10 | <10 | 2 | <10 | 5 | |
| OB 1680 | | <0.01 | <10 | <10 | 1 | <10 | 10 | |
| OB 1681 | | <0.01 | <10 | <10 | 1 | <10 | 3 | |
| OB 1682 | | <0.01 | <10 | <10 | <1 | <10 | 2 | |
| OB 1683 | | <0.01 | <10 | <10 | 1 | <10 | 12 | |

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Date : 30-Jul-2003
Account: NJY*Zinger-rock***CERTIFICATE VA03026819**

Project : Cranbrook Gold

P.O. No:

This report is for 11 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 23-Jul-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

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Signature:

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Total # of pages : 2 (A - C)

Date : 30-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03026819

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| GD1233 | | 0.94 | 0.034 | 0.4 | 0.58 | 4 | <10 | 450 | 0.5 | <2 | 0.57 | 1.0 | 4 | 123 | 17 | 1.43 |
| GD1234 | | 1.44 | <0.005 | <0.2 | 0.16 | <2 | <10 | 20 | <0.5 | <2 | 0.01 | <0.5 | 1 | 171 | 5 | 0.55 |
| GD1235 | | 0.72 | 0.017 | <0.2 | 0.20 | <2 | <10 | 40 | <0.5 | <2 | 0.30 | <0.5 | 2 | 205 | 7 | 0.79 |
| GD1236 | | 0.90 | <0.005 | <0.2 | 0.13 | 2 | <10 | 50 | <0.5 | <2 | 0.01 | <0.5 | 2 | 248 | 8 | 1.28 |
| GD1237 | | 0.80 | <0.005 | <0.2 | 0.13 | 3 | <10 | 30 | <0.5 | <2 | 0.01 | <0.5 | 3 | 232 | 8 | 1.10 |
| GD1238 | | 0.94 | <0.005 | <0.2 | 0.23 | <2 | <10 | 110 | <0.5 | <2 | 1.60 | <0.5 | 5 | 157 | 4 | 1.30 |
| GD1239 | | 0.74 | <0.005 | <0.2 | 0.32 | 3 | <10 | 130 | <0.5 | <2 | 0.18 | 3.2 | 4 | 122 | 13 | 0.89 |
| GD1240 | | 0.78 | <0.005 | <0.2 | 0.14 | <2 | <10 | 30 | <0.5 | <2 | 0.02 | <0.5 | 3 | 211 | 7 | 1.08 |
| GD1241 | | 1.12 | 0.006 | <0.2 | 0.24 | 3 | <10 | 20 | <0.5 | <2 | 0.02 | <0.5 | 3 | 146 | 6 | 0.91 |
| OB1684 | | 1.10 | <0.005 | 0.3 | 0.74 | <2 | <10 | 220 | <0.5 | <2 | 1.08 | <0.5 | 3 | 103 | 38 | 1.48 |
| OB1685 | | 1.02 | <0.005 | <0.2 | 0.35 | <2 | <10 | 940 | <0.5 | <2 | 0.11 | <0.5 | 3 | 166 | 11 | 1.38 |

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Date : 30-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS**VA03026819**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | Ga ppm 10 | Hg ppm 1 | K % 0.01 | La ppm 10 | Mg % 0.01 | Mn ppm 5 | Mo ppm 1 | Na % 0.01 | Ni ppm 1 | P ppm 10 | Pb ppm 2 | S % 0.01 | Sb ppm 2 | Sc ppm 1 |
| GD1233 | | <10 | <1 | 0.37 | 20 | 0.10 | 2180 | 1 | 0.02 | 8 | 840 | 869 | 0.07 | <2 | 1 |
| GD1234 | | <10 | <1 | 0.09 | 20 | 0.02 | 23 | 1 | 0.02 | 6 | 70 | 2 | <0.01 | <2 | <1 |
| GD1235 | | <10 | 1 | 0.14 | 20 | 0.21 | 207 | 1 | <0.01 | 8 | 80 | 4 | <0.01 | <2 | <1 |
| GD1236 | | <10 | <1 | 0.07 | 10 | 0.01 | 34 | 2 | 0.01 | 12 | 150 | 7 | 0.02 | <2 | <1 |
| GD1237 | | <10 | <1 | 0.07 | 10 | 0.01 | 69 | 1 | 0.01 | 11 | 80 | 2 | 0.03 | <2 | 1 |
| GD1238 | | <10 | <1 | 0.16 | 20 | 1.02 | 457 | 1 | 0.01 | 12 | 90 | 4 | <0.01 | <2 | 1 |
| GD1239 | | <10 | <1 | 0.19 | 20 | 0.06 | 137 | 1 | 0.02 | 8 | 100 | 56 | 0.04 | <2 | 1 |
| GD1240 | | <10 | <1 | 0.09 | <10 | 0.02 | 254 | 1 | <0.01 | 9 | 110 | <2 | 0.01 | <2 | 1 |
| GD1241 | | <10 | <1 | 0.06 | 10 | 0.04 | 69 | 1 | 0.03 | 6 | 110 | 7 | <0.01 | <2 | 1 |
| OB1684 | | <10 | <1 | 0.35 | 20 | 0.29 | 770 | 1 | 0.04 | 6 | 680 | 26 | 0.01 | <2 | 2 |
| OB1685 | | <10 | <1 | 0.25 | 20 | 0.04 | 76 | 1 | 0.01 | 8 | 640 | 15 | 0.06 | <2 | <1 |

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Total # of pages : 2 (A - C)

Date : 30-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03026819

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ti | Ti | U | V | W | Zn |
| | | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| GD1233 | | 0.01 | <10 | <10 | 7 | <10 | 57 |
| GD1234 | | <0.01 | <10 | <10 | 2 | <10 | 4 |
| GD1235 | | <0.01 | <10 | <10 | 2 | <10 | 16 |
| GD1236 | | <0.01 | <10 | <10 | 1 | <10 | 7 |
| GD1237 | | <0.01 | <10 | <10 | 2 | <10 | 13 |
| GD1238 | | <0.01 | <10 | <10 | 3 | <10 | 38 |
| GD1239 | | <0.01 | <10 | <10 | 3 | <10 | 146 |
| GD1240 | | <0.01 | <10 | <10 | 2 | <10 | 17 |
| GD1241 | | <0.01 | <10 | <10 | 1 | <10 | 18 |
| OB1684 | | 0.05 | <10 | <10 | 18 | <10 | 26 |
| OB1685 | | <0.01 | <10 | <10 | 5 | 450 | 4 |

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Date : 3-Aug-2003
Account: NJY*Zinger-rock***CERTIFICATE VA03027310**

Project : Cranbrook Gold

P.O. No:

*Rock*This report is for 1 ~~DRILL CORE~~ sample submitted to our lab in North Vancouver, BC,
Canada on 28-Jul-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| FND-02 | Find Sample for Addn Analysis |
| SPL-21 | Split sample - riffle splitter |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

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Date : 3-Aug-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS**VA03027310**

| Sample Description | Method | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-AA25 | Au-AA25D |
|--------------------|---------|----------|----------|----------|----------|----------|----------|---------|----------|
| | Analyte | Au Total | Au (+) F | Au (-) F | Au (+) m | WT. + Fr | WT. - Fr | Au | Au |
| | Units | ppm | ppm | ppm | mg | g | g | ppm | ppm |
| | LOR | 0.05 | 0.05 | 0.05 | 0.001 | 0.01 | 0.1 | 0.01 | 0.01 |
| OB1666 | | <0.05 | <0.05 | 0.05 | <0.001 | 9.40 | 594.3 | 0.06 | 0.03 |

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Date : 3-Aug-2003

Account: NJY

CERTIFICATE VA03027311

Project : Cranbrook Gold

P.O. No:

This report is for 2 ^{Rock} ~~DRILL CORE~~ samples submitted to our lab in North Vancouver, BC, Canada on 28-Jul-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

*Zinger - rock***SAMPLE PREPARATION**

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| FND-02 | Find Sample for Addn Analysis |
| SPL-21 | Split sample - riffle splitter |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

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Page #: 2 - A

Total # of pages : 2 (A)

Date : 3-Aug-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS **VA03027311**

| Sample Description | Method Analyte Units LOR | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-AA25 | Au-AA25D |
|--------------------|-----------------------------------|-------------|-------------|-------------|-------------|-----------|----------|-------------|-------------|
| | | Au Total | Au (+) F | Au (-) F | Au (+) m | WT. + Fr | WT. - Fr | Au | Au |
| | | ppm 0.05 | ppm 0.05 | ppm 0.05 | mg 0.001 | g 0.01 | g 0.1 | ppm 0.01 | ppm 0.01 |
| OB1673 | | 4.78 | 82.8 | 3.32 | 0.913 | 11.02 | 588.7 | 3.05 | 3.58 |
| OB1674 | | 3.40 | 1.84 | 3.45 | 0.034 | 18.43 | 593.3 | 3.42 | 3.47 |

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Page #: 1

Date : 30-Jul-2003

Account: NJY

*Zinger-rock***CERTIFICATE VA03027353**

Project : Cranbrook Gold

P.O. No:

This report is for 7 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 25-Jul-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

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Page #: 2 - B

Total # of pages : 2 (A - C)

Date : 30-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS**VA03027353**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|----------|-----------|-----------|-----------|----------|----------|-----------|----------|-----------|----------|-----------|----------|----------|
| | | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc |
| | | ppm 10 | ppm 1 | % 0.01 | ppm 10 | % 0.01 | ppm 5 | ppm 1 | % 0.01 | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 | ppm 1 |
| GD1242 | | <10 | <1 | 0.09 | 20 | 0.01 | 244 | 2 | 0.02 | 13 | 110 | 3 | <0.01 | <2 | 1 |
| GD1243 | | <10 | <1 | 0.16 | 30 | 0.02 | 78 | 1 | 0.02 | 8 | 150 | 3 | <0.01 | <2 | 1 |
| GD1244 | | <10 | <1 | 0.10 | 10 | 0.01 | 310 | 2 | <0.01 | 9 | 90 | 15 | 0.01 | <2 | 1 |
| GD1245 | | <10 | <1 | 0.23 | 30 | 0.02 | 50 | 1 | <0.01 | 10 | 140 | 23 | 0.01 | <2 | 1 |
| GD1246 | | <10 | <1 | 0.10 | 10 | 0.01 | 198 | 2 | 0.02 | 14 | 60 | 5 | <0.01 | <2 | <1 |
| GD1247 | | <10 | 1 | 0.16 | 10 | 0.02 | 287 | 1 | <0.01 | 9 | 60 | 7 | <0.01 | <2 | <1 |
| GD1248 | | <10 | <1 | 0.02 | <10 | <0.01 | 40 | 2 | <0.01 | 11 | 70 | <2 | <0.01 | <2 | <1 |

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Total # of pages : 2 (A - C)

Date : 30-Jul-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS**VA03027353**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ti | Ti | U | V | W | Zn |
| | | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| GD1242 | | 0.01 | <10 | <10 | 3 | <10 | 6 |
| GD1243 | | <0.01 | <10 | <10 | 2 | <10 | 10 |
| GD1244 | | <0.01 | <10 | <10 | 1 | <10 | 5 |
| GD1245 | | <0.01 | <10 | <10 | 2 | <10 | 7 |
| GD1246 | | <0.01 | <10 | <10 | 3 | <10 | 9 |
| GD1247 | | <0.01 | <10 | <10 | 2 | <10 | 6 |
| GD1248 | | <0.01 | <10 | <10 | 2 | <10 | 2 |

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Page # 1

Date : 4-Aug-2003

Account: NJY

*Zinger-rock***CERTIFICATE VA03027823**

Project : Cranbrook Gold

P.O. No:

This report is for 8 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 29-Jul-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: CHAPLEAU RESOURCES
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Page #: 2 - B

Total # of pages : 2 (A - C)

Date : 4-Aug-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03027823

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|----------|-----------|-----------|-----------|----------|----------|-----------|----------|-----------|----------|-----------|----------|----------|
| | | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc |
| | | ppm 10 | ppm 1 | % 0.01 | ppm 10 | % 0.01 | ppm 5 | ppm 1 | % 0.01 | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 | ppm 1 |
| GD1251 | | <10 | <1 | 0.02 | 10 | <0.01 | 12 | 5 | <0.01 | 10 | 20 | 3 | <0.01 | <2 | <1 |
| GD1252 | | <10 | <1 | <0.01 | 10 | 2.45 | 24 | 2 | <0.01 | 13 | 80 | 3 | <0.01 | <2 | 1 |
| GD1253 | | <10 | <1 | 0.03 | <10 | 0.08 | 16 | <1 | <0.01 | 2 | 30 | <2 | <0.01 | 2 | <1 |
| GD1254 | | <10 | <1 | 0.10 | <10 | 0.01 | 158 | 2 | 0.05 | 4 | 230 | 6 | <0.01 | <2 | <1 |
| GD1255 | | <10 | <1 | 0.34 | 20 | 4.28 | 669 | <1 | 0.01 | 9 | 290 | 10 | 0.03 | <2 | 2 |
| GD1256 | | <10 | <1 | 0.03 | 10 | 0.28 | 44 | 2 | <0.01 | 7 | 30 | 11 | <0.01 | <2 | <1 |
| GD1257 | | <10 | <1 | 0.02 | <10 | 0.01 | 114 | 1 | <0.01 | 5 | 60 | 84 | <0.01 | <2 | <1 |
| GD1258 | | <10 | <1 | 0.03 | 10 | 0.01 | 72 | 4 | <0.01 | 11 | 90 | 11 | 0.01 | <2 | <1 |

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Total # of pages : 2 (A - C)

Date : 4-Aug-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS **VA03027823**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ti | Ti | U | V | W | Zn |
| | | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| GD1251 | | <0.01 | <10 | <10 | 2 | <10 | 2 |
| GD1252 | | <0.01 | <10 | <10 | 13 | <10 | 8 |
| GD1253 | | <0.01 | <10 | <10 | 2 | <10 | 2 |
| GD1254 | | <0.01 | <10 | 10 | 1 | <10 | 5 |
| GD1255 | | <0.01 | <10 | <10 | 3 | <10 | 39 |
| GD1256 | | <0.01 | <10 | <10 | 1 | <10 | 5 |
| GD1257 | | <0.01 | <10 | <10 | 1 | <10 | 36 |
| GD1258 | | <0.01 | <10 | <10 | 2 | <10 | 6 |

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Page #: 1

Date : 4-Aug-2003

Account: NJY

*Zinger - rock***CERTIFICATE VA03027827**

Project : Cranbrook Gold

P.O. No:

This report is for 20 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 28-Jul-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

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Total # of pages : 2 (A - C)

Date : 4-Aug-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03027827

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| GD1249 | | 0.74 | <0.005 | <0.2 | 0.09 | <2 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 158 | 6 | 0.41 |
| GD1250 | | 1.32 | <0.005 | <0.2 | 0.05 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 2 | 17 | 3 | 0.89 |
| OB1686 | | 1.24 | <0.005 | <0.2 | 0.01 | 3 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 2 | 175 | 6 | 0.59 |
| OB1687 | | 1.62 | <0.005 | <0.2 | 0.05 | <2 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 21 | 2 | 0.56 |
| OB1688 | | 1.98 | <0.005 | <0.2 | 0.09 | <2 | <10 | 10 | <0.5 | <2 | 0.01 | <0.5 | 1 | 100 | 4 | 0.71 |
| OB1689 | | 1.20 | <0.005 | <0.2 | 0.09 | <2 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 2 | 20 | 2 | 0.67 |
| OB1690 | | 1.12 | <0.005 | <0.2 | 0.03 | <2 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 2 | 188 | 7 | 0.51 |
| OB1691 | | 1.08 | <0.005 | <0.2 | 0.10 | <2 | <10 | 10 | <0.5 | <2 | 0.02 | <0.5 | 1 | 19 | 2 | 0.76 |
| OB1692 | | 1.48 | 0.010 | <0.2 | 0.52 | 5 | <10 | 10 | <0.5 | 3 | <0.01 | <0.5 | 162 | 107 | 6 | 5.41 |
| OB1693 | | 1.76 | <0.005 | <0.2 | 0.88 | 2 | <10 | 10 | <0.5 | <2 | 0.01 | <0.5 | 64 | 14 | 2 | 2.09 |
| OB1694 | | 1.46 | 0.009 | <0.2 | 0.32 | 6 | <10 | 20 | <0.5 | <2 | <0.01 | 0.6 | 177 | 79 | 5 | 7.81 |
| OB1695 | | 1.50 | <0.005 | <0.2 | 0.17 | <2 | <10 | 30 | <0.5 | <2 | 0.05 | <0.5 | 2 | 19 | 2 | 0.77 |
| OB1696 | | 1.42 | <0.005 | <0.2 | 0.13 | <2 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 3 | 156 | 6 | 0.42 |
| OB1697 | | 0.82 | <0.005 | <0.2 | 0.39 | <2 | <10 | <10 | <0.5 | <2 | 0.01 | <0.5 | 2 | 18 | 2 | 0.83 |
| OB1698 | | 1.08 | 0.016 | <0.2 | 6.51 | 2 | <10 | 60 | 0.6 | 2 | 0.02 | <0.5 | 23 | 48 | 4 | 8.09 |
| OB1699 | | 0.52 | 0.005 | <0.2 | 1.32 | 174 | <10 | 110 | <0.5 | <2 | 0.37 | <0.5 | 67 | 7 | 57 | 7.74 |
| OB1700 | | 1.12 | <0.005 | <0.2 | 1.57 | <2 | <10 | <10 | <0.5 | <2 | 0.14 | <0.5 | 5 | 18 | 2 | 1.16 |
| OB1701 | | 0.98 | <0.005 | <0.2 | 0.23 | 2 | <10 | 10 | <0.5 | <2 | 0.01 | <0.5 | 2 | 251 | 9 | 0.87 |

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Total # of pages : 2 (A - C)

Date : 4-Aug-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03027827

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | Ga ppm 10 | Hg ppm 1 | K % 0.01 | La ppm 10 | Mg % 0.01 | Mn ppm 5 | Mo ppm 1 | Na % 0.01 | Ni ppm 1 | P ppm 10 | Pb ppm 2 | S % 0.01 | Sb ppm 2 | Sc ppm 1 | Sr ppm 1 |
| GD1249 | | <10 | <1 | 0.02 | <10 | 0.11 | 47 | 4 | <0.01 | 9 | 20 | <2 | <0.01 | <2 | <1 | <1 |
| GD1250 | | <10 | <1 | 0.03 | <10 | 0.01 | 283 | <1 | <0.01 | <1 | 60 | 4 | <0.01 | <2 | 1 | <1 |
| OB1686 | | <10 | <1 | 0.01 | <10 | 0.01 | 159 | 5 | <0.01 | 8 | 50 | <2 | <0.01 | <2 | <1 | <1 |
| OB1687 | | <10 | <1 | 0.03 | <10 | 0.01 | 44 | <1 | 0.01 | 1 | 10 | 2 | <0.01 | <2 | <1 | 1 |
| OB1688 | | <10 | <1 | 0.02 | 10 | 0.01 | 30 | 3 | 0.03 | 7 | 90 | 3 | <0.01 | <2 | <1 | 1 |
| OB1689 | | <10 | <1 | 0.03 | <10 | 0.06 | 59 | <1 | 0.01 | 7 | 20 | <2 | <0.01 | <2 | <1 | 1 |
| OB1690 | | <10 | <1 | 0.02 | <10 | 0.01 | 67 | 6 | 0.01 | 11 | 20 | <2 | <0.01 | <2 | <1 | 1 |
| OB1691 | | <10 | <1 | 0.03 | <10 | 0.11 | 89 | <1 | 0.01 | 2 | 150 | 4 | <0.01 | <2 | <1 | 1 |
| OB1692 | | <10 | 1 | 0.05 | 40 | 0.43 | 18 | 4 | <0.01 | 62 | 770 | 232 | <0.01 | <2 | 1 | 4 |
| OB1693 | | <10 | <1 | 0.05 | 10 | 1.04 | 28 | <1 | <0.01 | 23 | 190 | 2 | <0.01 | <2 | 1 | 1 |
| OB1694 | | <10 | <1 | 0.06 | <10 | 0.20 | 18 | 2 | <0.01 | 17 | 570 | 5 | 0.05 | <2 | <1 | 1 |
| OB1695 | | <10 | <1 | 0.07 | 20 | 0.05 | 144 | <1 | 0.01 | 2 | 340 | 3 | <0.01 | <2 | <1 | 2 |
| OB1696 | | <10 | 1 | <0.01 | <10 | 0.21 | 68 | 4 | <0.01 | 9 | 20 | 3 | <0.01 | <2 | <1 | <1 |
| OB1697 | | <10 | 1 | 0.02 | <10 | 0.60 | 81 | <1 | <0.01 | 3 | 40 | 2 | <0.01 | <2 | <1 | <1 |
| OB1698 | | 10 | <1 | 0.04 | 10 | 6.08 | 109 | <1 | <0.01 | 23 | 310 | 2 | 0.08 | <2 | 7 | 2 |
| OB1699 | | <10 | <1 | 0.28 | 20 | 0.65 | 1375 | 1 | 0.06 | 82 | 1520 | 35 | 0.08 | <2 | 9 | 10 |
| OB1700 | | <10 | <1 | 0.01 | 10 | 2.04 | 35 | <1 | <0.01 | 7 | 720 | <2 | <0.01 | <2 | 1 | 2 |
| OB1701 | | <10 | <1 | 0.01 | <10 | 0.30 | 188 | 6 | <0.01 | 14 | 30 | 11 | <0.01 | <2 | <1 | 1 |

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Page #: 2 - C

Total # of pages : 2 (A - C)

Date : 4-Aug-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS**VA03027827**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ti | Ti | U | V | W | Zn |
| | | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| GD1249 | | <0.01 | <10 | <10 | 2 | 10 | 4 |
| GD1250 | | <0.01 | <10 | <10 | 2 | <10 | 4 |
| OB1686 | | <0.01 | <10 | <10 | 2 | <10 | 4 |
| OB1687 | | <0.01 | <10 | <10 | 1 | <10 | <2 |
| OB1688 | | <0.01 | <10 | <10 | 1 | <10 | 4 |
| OB1689 | | <0.01 | <10 | <10 | 2 | <10 | 5 |
| OB1690 | | <0.01 | <10 | <10 | 3 | <10 | 3 |
| OB1691 | | <0.01 | <10 | <10 | 1 | <10 | 4 |
| OB1692 | | <0.01 | <10 | 20 | 7 | <10 | 7 |
| OB1693 | | <0.01 | <10 | 10 | 6 | <10 | 9 |
| OB1694 | | <0.01 | <10 | 10 | 4 | <10 | 4 |
| OB1695 | | <0.01 | <10 | <10 | 3 | <10 | 4 |
| OB1696 | | <0.01 | <10 | <10 | 2 | <10 | 4 |
| OB1697 | | <0.01 | <10 | <10 | 2 | <10 | 6 |
| OB1698 | | <0.01 | <10 | 10 | 45 | <10 | 58 |
| OB1699 | | <0.01 | <10 | <10 | 20 | <10 | 147 |
| OB1700 | | <0.01 | <10 | <10 | 9 | <10 | 9 |
| OB1701 | | <0.01 | <10 | <10 | 3 | <10 | 6 |

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Page #: 1

Date : 11-Aug-2003

Account: NJY

CERTIFICATE VA03028711

Project : Cranbrook Gold

P.O. No:

This report is for 27 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 1-Aug-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

*Zinger-rock***SAMPLE PREPARATION**

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

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ATTN: ROBIN SUDO
104-135 10TH AVE S
CRANBROOK BC V1C 2N1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: *Robin Sudo*



ALS Chemex

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To: CHAPLEAU RESOURCES

104-135 10TH AVE S

CRANBROOK BC V1C 2N1

Page #: 2 - A

Total # of pages : 2 (A - C)

Date : 11-Aug-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03028711

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| QL-01 | | 1.02 | 0.026 | 0.3 | 0.33 | 216 | <10 | 40 | <0.5 | <2 | <0.01 | 0.9 | 25 | 165 | 41 | 4.26 |
| QL-02 | | 0.56 | <0.005 | <0.2 | 0.22 | 43 | <10 | 50 | <0.5 | <2 | <0.01 | 0.5 | 8 | 382 | 12 | 2.18 |
| QL-03 | | 0.40 | 0.006 | <0.2 | 0.09 | 47 | <10 | 10 | <0.5 | <2 | <0.01 | 0.5 | 4 | 515 | 14 | 2.43 |
| QL-04 | | 0.64 | 0.010 | <0.2 | 0.41 | 10 | <10 | 40 | <0.5 | <2 | <0.01 | <0.5 | 14 | 198 | 8 | 1.18 |
| QL-05 | | 0.58 | <0.005 | <0.2 | 0.34 | 8 | <10 | 50 | <0.5 | <2 | <0.01 | <0.5 | 15 | 275 | 9 | 1.52 |
| QL-06 | | 0.58 | 0.006 | 0.4 | 0.24 | 22 | <10 | 70 | <0.5 | <2 | <0.01 | 0.5 | 56 | 398 | 23 | 2.40 |
| QL-07 | | 0.82 | 0.050 | <0.2 | 0.29 | 356 | <10 | 50 | <0.5 | 3 | <0.01 | 2.4 | 172 | 162 | 24 | 7.46 |
| QL-08 | | 0.82 | 0.019 | 3.1 | 0.28 | 140 | <10 | 80 | <0.5 | 3 | <0.01 | <0.5 | 8 | 217 | 40 | 2.19 |
| QL-09 | | 0.82 | 0.005 | <0.2 | 0.51 | 36 | <10 | 30 | <0.5 | 2 | <0.01 | <0.5 | 7 | 173 | 9 | 2.88 |
| QL-10 | | 0.54 | 0.008 | <0.2 | 0.24 | 21 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 9 | 327 | 12 | 2.82 |
| QL-11 | | 0.76 | 0.007 | 0.3 | 0.27 | 55 | <10 | 30 | <0.5 | 2 | <0.01 | <0.5 | 19 | 216 | 20 | 2.05 |
| QL-12 | | 0.70 | 0.013 | <0.2 | 0.26 | 94 | <10 | 20 | <0.5 | <2 | <0.01 | 0.7 | 53 | 222 | 26 | 4.16 |
| QL-13 | | 0.62 | 0.615 | 0.8 | 0.20 | 20 | <10 | 30 | <0.5 | 2 | 0.01 | 1.2 | 9 | 295 | 10 | 12.3 |
| QL-14 | | 0.62 | 0.005 | <0.2 | 0.14 | 19 | <10 | 20 | <0.5 | <2 | 0.01 | 0.7 | 11 | 304 | 19 | 3.97 |
| QL-15 | | 0.60 | 0.019 | <0.2 | 0.35 | 3 | <10 | 210 | <0.5 | <2 | 0.01 | <0.5 | 28 | 5 | 4 | 1.29 |
| QL-16 | | 0.74 | 0.016 | <0.2 | 0.08 | 54 | <10 | 20 | <0.5 | 2 | <0.01 | <0.5 | 3 | 6 | 2 | 1.59 |
| QL-17 | | 0.42 | <0.005 | <0.2 | 0.20 | 9 | <10 | 40 | <0.5 | <2 | <0.01 | <0.5 | 26 | 7 | 1 | 1.18 |
| QL-18 | | 0.62 | 0.068 | 50.0 | 0.11 | 204 | <10 | 40 | <0.5 | <2 | 0.01 | 1.0 | 53 | 7 | 43 | 6.23 |
| QL-19 | | 1.34 | 0.041 | 1.0 | 0.03 | 6 | <10 | 10 | <0.5 | 2 | <0.01 | <0.5 | 1 | 10 | 2 | 0.59 |
| QL-20 | | 0.78 | <0.005 | 0.9 | 0.27 | 5 | <10 | 50 | <0.5 | 10 | 0.01 | <0.5 | 6 | 3 | 172 | 1.60 |
| QL-21 | | 0.82 | <0.005 | 0.7 | 0.34 | 3 | <10 | 50 | <0.5 | 4 | <0.01 | <0.5 | 9 | 4 | 25 | 2.07 |
| QL-22 | | 0.78 | 0.026 | <0.2 | 0.25 | 14 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 10 | 167 | 6 | 2.86 |
| QL-23 | | 0.60 | 0.005 | <0.2 | 0.42 | 13 | <10 | 60 | <0.5 | <2 | <0.01 | 0.5 | 18 | 145 | 4 | 2.92 |
| QL-24 | | 0.96 | 0.694 | 0.6 | 0.57 | 9 | <10 | 20 | 0.8 | 3 | <0.01 | <0.5 | 9 | 53 | 132 | >15 |
| QL-25 | | 0.66 | 1.195 | 0.8 | 0.36 | 217 | <10 | 20 | 1.2 | 12 | <0.01 | <0.5 | 49 | 17 | 126 | >15 |
| QL-26 | | 0.70 | 0.059 | <0.2 | 0.38 | 4 | <10 | 90 | <0.5 | <2 | <0.01 | <0.5 | 3 | 163 | 19 | 2.23 |
| QL-27 | | 0.46 | 0.275 | <0.2 | 0.57 | 3 | <10 | 50 | 0.5 | <2 | <0.01 | <0.5 | 2 | 112 | 7 | 1.69 |

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104-135 10TH AVE S

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Page #: 2-B

Total # of pages : 2 (A - C)

Date : 11-Aug-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS**VA03028711**

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 |
|--------------------|-----------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| QL-01 | | <10 | <1 | 0.17 | 20 | 0.04 | 596 | 1 | 0.01 | 15 | 410 | 30 | 0.03 | 12 | 7 | 2 |
| QL-02 | | <10 | <1 | 0.13 | 10 | 0.02 | 248 | 2 | <0.01 | 24 | 70 | <2 | 0.04 | <2 | 1 | 2 |
| QL-03 | | <10 | <1 | 0.05 | <10 | 0.01 | 82 | 3 | <0.01 | 19 | 80 | 3 | <0.01 | <2 | 1 | 1 |
| QL-04 | | <10 | <1 | 0.25 | 40 | 0.02 | 19 | 1 | 0.01 | 9 | 110 | 18 | <0.01 | <2 | 1 | 2 |
| QL-05 | | <10 | <1 | 0.21 | 40 | 0.02 | 153 | 2 | 0.01 | 12 | 90 | 8 | <0.01 | <2 | 1 | 2 |
| QL-06 | | <10 | <1 | 0.13 | 20 | 0.01 | 504 | 3 | 0.01 | 17 | 180 | 87 | <0.01 | <2 | 1 | 5 |
| QL-07 | | <10 | <1 | 0.14 | 80 | 0.01 | 54 | 5 | <0.01 | 42 | 600 | 258 | 0.01 | 2 | 1 | 3 |
| QL-08 | | <10 | <1 | 0.17 | 50 | 0.01 | 20 | 2 | 0.01 | 9 | 510 | 388 | 0.02 | 27 | 1 | 14 |
| QL-09 | | <10 | <1 | 0.27 | 10 | 0.02 | 25 | 1 | 0.01 | 6 | 140 | 36 | 0.01 | <2 | <1 | 2 |
| QL-10 | | <10 | <1 | 0.14 | <10 | 0.01 | 22 | 3 | <0.01 | 12 | 140 | 67 | 0.01 | <2 | 1 | 1 |
| QL-11 | | <10 | <1 | 0.17 | 10 | 0.02 | 24 | 8 | 0.01 | 10 | 170 | 233 | 0.01 | 4 | 1 | 1 |
| QL-12 | | <10 | <1 | 0.16 | 40 | 0.01 | 27 | 6 | <0.01 | 12 | 320 | 170 | 0.01 | <2 | 1 | 2 |
| QL-13 | | <10 | <1 | 0.08 | 10 | 0.01 | 280 | 2 | 0.02 | 18 | 130 | 13 | 0.14 | <2 | 1 | 2 |
| QL-14 | | <10 | <1 | 0.02 | <10 | 0.02 | 108 | 2 | <0.01 | 17 | 590 | 8 | 0.01 | 2 | 1 | 2 |
| QL-15 | | <10 | <1 | 0.22 | 10 | 0.02 | 39 | <1 | 0.01 | 9 | 270 | 10 | 0.07 | <2 | 1 | 3 |
| QL-16 | | <10 | <1 | 0.05 | 10 | <0.01 | 95 | <1 | <0.01 | <1 | 80 | 81 | 0.01 | <2 | <1 | 2 |
| QL-17 | | <10 | <1 | 0.13 | 10 | 0.01 | 60 | <1 | 0.01 | 9 | 70 | 7 | 0.06 | <2 | <1 | 1 |
| QL-18 | | <10 | <1 | 0.03 | <10 | 0.02 | 84 | 4 | 0.01 | 10 | 190 | 8690 | 0.45 | 148 | 1 | 3 |
| QL-19 | | <10 | <1 | 0.02 | <10 | <0.01 | 20 | <1 | <0.01 | 2 | 10 | 246 | 0.01 | 2 | <1 | 1 |
| QL-20 | | <10 | <1 | 0.18 | 20 | 0.01 | 21 | <1 | 0.01 | 6 | 850 | 133 | 0.02 | <2 | 1 | 5 |
| QL-21 | | <10 | <1 | 0.22 | 50 | 0.02 | 28 | 1 | 0.01 | 5 | 590 | 113 | 0.03 | <2 | 1 | 5 |
| QL-22 | | <10 | <1 | 0.15 | 10 | 0.01 | 14 | 1 | <0.01 | 10 | 220 | 25 | <0.01 | <2 | 1 | 2 |
| QL-23 | | <10 | <1 | 0.28 | <10 | 0.02 | 13 | 1 | 0.01 | 10 | 210 | 2 | 0.01 | <2 | 1 | 2 |
| QL-24 | | <10 | <1 | 0.23 | 10 | 0.02 | <5 | 234 | <0.01 | 9 | 1130 | 414 | 0.02 | 2 | 1 | 1 |
| QL-25 | | <10 | <1 | 0.18 | 30 | 0.04 | <5 | 485 | <0.01 | 47 | 1760 | 1035 | 0.02 | 4 | 1 | 4 |
| QL-26 | | <10 | <1 | 0.21 | 20 | 0.02 | 385 | 6 | <0.01 | 9 | 250 | 59 | <0.01 | <2 | 1 | 1 |
| QL-27 | | <10 | <1 | 0.32 | 30 | 0.03 | 28 | 1 | 0.01 | 6 | 210 | 7 | <0.01 | <2 | 1 | 1 |

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Date : 11-Aug-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03028711

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ti % 0.01 | ME-ICP41 Ti ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 |
|--------------------|-----------------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|
| QL-01 | | <0.01 | <10 | <10 | 9 | <10 | 31 |
| QL-02 | | <0.01 | <10 | <10 | 3 | <10 | 33 |
| QL-03 | | <0.01 | <10 | <10 | 3 | <10 | 21 |
| QL-04 | | <0.01 | <10 | <10 | 5 | <10 | 8 |
| QL-05 | | <0.01 | <10 | <10 | 4 | <10 | 12 |
| QL-06 | | <0.01 | <10 | 10 | 4 | <10 | 20 |
| QL-07 | | <0.01 | <10 | 10 | 4 | <10 | 145 |
| QL-08 | | <0.01 | <10 | <10 | 4 | <10 | 6 |
| QL-09 | | <0.01 | <10 | <10 | 1 | <10 | 15 |
| QL-10 | | <0.01 | <10 | <10 | 4 | <10 | 19 |
| QL-11 | | <0.01 | <10 | <10 | 4 | <10 | 15 |
| QL-12 | | <0.01 | <10 | <10 | 4 | <10 | 41 |
| QL-13 | | 0.03 | <10 | <10 | 25 | <10 | 144 |
| QL-14 | | <0.01 | <10 | <10 | 4 | <10 | 21 |
| QL-15 | | <0.01 | <10 | <10 | 3 | <10 | 6 |
| QL-16 | | <0.01 | <10 | <10 | 1 | <10 | 6 |
| QL-17 | | <0.01 | <10 | <10 | 1 | <10 | 18 |
| QL-18 | | <0.01 | <10 | 10 | 2 | <10 | 128 |
| QL-19 | | <0.01 | <10 | <10 | <1 | <10 | <2 |
| QL-20 | | <0.01 | <10 | <10 | 2 | <10 | 5 |
| QL-21 | | <0.01 | <10 | <10 | 4 | <10 | 7 |
| QL-22 | | <0.01 | <10 | <10 | 3 | <10 | 24 |
| QL-23 | | <0.01 | <10 | <10 | 5 | <10 | 18 |
| QL-24 | | <0.01 | 10 | 10 | 2 | <10 | 125 |
| QL-25 | | <0.01 | 10 | 20 | 2 | <10 | 223 |
| QL-26 | | <0.01 | <10 | <10 | 3 | <10 | 10 |
| QL-27 | | <0.01 | <10 | <10 | 5 | <10 | 7 |

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To: CHAPLEAU RESOURCES
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CRANBROOK BC V1C 2N1Page #: 1
Date : 15-Aug-2003
Account: NJY*Zinger-pulp***CERTIFICATE VA03029481**

Project : Cranbrook Gold

P.O. No:

This report is for 1 PULP sample submitted to our lab in North Vancouver, BC, Canada on 8-Aug-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| FND-02 | Find Sample for Addn Analysis |
| SPL-21 | Split sample - riffle splitter |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
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Signature:

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Total # of pages : 2 (A)

Date : 15-Aug-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS**VA03029481**

| Sample Description | Method Analyte Units LOR | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-AA25 | Au-AA25D |
|--------------------|-----------------------------------|-------------|-------------|-------------|-------------|-----------|----------|-------------|-------------|
| | | Au Total | Au (+) F | Au (-) F | Au (+) m | WT. + Fr | WT. - Fr | Au | Au |
| | | ppm 0.05 | ppm 0.05 | ppm 0.05 | mg 0.001 | g 0.01 | g 0.1 | ppm 0.01 | ppm 0.01 |
| OB7007 | | 2.87 | 112.5 | 1.95 | 1.369 | 12.16 | 1454.0 | 2.10 | 1.80 |

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Page #: 1

Date : 3-Sep-2003

Account: NJY

*Zinger-rock***CERTIFICATE VA03032669**

Project : Cranbrook Gold

P.O. No:

This report is for 12 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 28-Aug-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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Signature:



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Total # of pages : 2 (A - C)
Date : 3-Sep-2003
Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03032669

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| OB 1890 | | 0.88 | <0.005 | <0.2 | 0.44 | 16 | <10 | 20 | <0.5 | <2 | 2.71 | <0.5 | 12 | 189 | 8 | 1.71 |
| OB 1891 | | 1.22 | <0.005 | <0.2 | 0.57 | 24 | <10 | 10 | <0.5 | <2 | 1.53 | <0.5 | 4 | 28 | 4 | 2.03 |
| OB 1892 | | 1.20 | <0.005 | <0.2 | 0.04 | 31 | <10 | 10 | <0.5 | <2 | 0.36 | <0.5 | 8 | 200 | 12 | 1.34 |
| OB 1893 | | 0.96 | 0.289 | 0.2 | 0.60 | 96 | <10 | 90 | <0.5 | 2 | 3.33 | 1.8 | 46 | 6 | 79 | 9.80 |
| OB 1894 | | 1.60 | 0.128 | 0.2 | 0.61 | 58 | <10 | 70 | <0.5 | <2 | 4.46 | 1.8 | 42 | 15 | 63 | 6.22 |
| OB 1895 | | 1.60 | 0.088 | <0.2 | 0.70 | 587 | <10 | 30 | <0.5 | <2 | 10.65 | 1.4 | 19 | 6 | 26 | 5.53 |
| OB 1896 | | 1.40 | 0.071 | <0.2 | 0.52 | 1015 | <10 | 50 | <0.5 | <2 | 7.34 | 1.5 | 34 | 37 | 10 | 6.61 |
| OB 1897 | | 0.80 | 0.431 | 0.4 | 0.54 | 3640 | <10 | 50 | <0.5 | 2 | 9.36 | 1.5 | 39 | 27 | 10 | 5.99 |
| OB 1898 | | 1.28 | <0.005 | <0.2 | 1.37 | 14 | <10 | 20 | <0.5 | <2 | 0.95 | 1.0 | 71 | 151 | 10 | 5.25 |
| OB 1899 | | 1.10 | 0.025 | 0.2 | 0.51 | 37 | <10 | 80 | <0.5 | <2 | 5.14 | 1.7 | 37 | 5 | 96 | 6.97 |
| OB 1900 | | 0.66 | 0.027 | 0.2 | 0.54 | 18 | <10 | 130 | <0.5 | <2 | 9.95 | 1.2 | 90 | 38 | 33 | 6.85 |
| OB 1901 | | 1.40 | 0.008 | 4.9 | 3.69 | 8 | <10 | 40 | <0.5 | 19 | 2.76 | 1.0 | 38 | 14 | 8230 | 6.12 |

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Page # 2-B

Total # of pages : 2 (A - C)

Date : 3-Sep-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03032669

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 |
|--------------------|-----------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| OB 1890 | | <10 | <1 | 0.07 | <10 | 1.83 | 527 | 6 | 0.01 | 14 | 200 | 2 | 0.08 | <2 | 7 | 59 |
| OB 1891 | | <10 | <1 | 0.04 | <10 | 1.42 | 312 | <1 | 0.01 | 4 | 170 | <2 | <0.01 | <2 | 3 | 41 |
| OB 1892 | | <10 | <1 | 0.02 | <10 | 0.02 | 276 | 6 | <0.01 | 15 | 550 | 2 | 0.22 | <2 | 1 | 9 |
| OB 1893 | | <10 | <1 | 0.25 | 20 | 1.02 | 1550 | 1 | 0.01 | 28 | 2480 | 5 | 1.29 | <2 | 10 | 83 |
| OB 1894 | | <10 | <1 | 0.26 | 20 | 1.28 | 1305 | 2 | 0.01 | 22 | 2210 | 5 | 0.61 | <2 | 8 | 116 |
| OB 1895 | | <10 | <1 | 0.10 | <10 | 1.06 | 1295 | <1 | 0.01 | 14 | 650 | 8 | 0.26 | <2 | 7 | 168 |
| OB 1896 | | <10 | <1 | 0.33 | 20 | 4.31 | 1295 | 3 | 0.01 | 192 | 2950 | 6 | 0.62 | <2 | 9 | 234 |
| OB 1897 | | <10 | <1 | 0.37 | 10 | 4.00 | 1425 | 3 | 0.01 | 132 | 2890 | 9 | 2.12 | <2 | 9 | 273 |
| OB 1898 | | <10 | <1 | 0.03 | <10 | 1.90 | 474 | 3 | <0.01 | 33 | 290 | 6 | 2.23 | <2 | 4 | 16 |
| OB 1899 | | <10 | <1 | 0.28 | 20 | 1.52 | 1265 | 1 | 0.01 | 14 | 2140 | 6 | 0.36 | <2 | 7 | 154 |
| OB 1900 | | <10 | <1 | 0.26 | <10 | 1.34 | 1990 | 2 | 0.01 | 22 | 1170 | 10 | 1.28 | <2 | 16 | 126 |
| OB 1901 | | 10 | <1 | 0.14 | 10 | 3.82 | 652 | <1 | 0.02 | 40 | 2050 | 5 | 0.80 | <2 | 9 | 63 |

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Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03032669

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------------|-----------------|----------------|---------------|----------------|----------------|
| | | Ti % 0.01 | Ti ppm 10 | U ppm 10 | V ppm 1 | W ppm 10 | Zn ppm 2 |
| OB 1890 | | <0.01 | <10 | <10 | 9 | <10 | 16 |
| OB 1891 | | <0.01 | <10 | <10 | 9 | <10 | 20 |
| OB 1892 | | <0.01 | <10 | <10 | 2 | <10 | 5 |
| OB 1893 | | <0.01 | <10 | <10 | 22 | <10 | 73 |
| OB 1894 | | <0.01 | <10 | <10 | 17 | <10 | 88 |
| OB 1895 | | <0.01 | <10 | <10 | 20 | <10 | 64 |
| OB 1896 | | <0.01 | <10 | <10 | 13 | <10 | 57 |
| OB 1897 | | <0.01 | <10 | <10 | 15 | <10 | 33 |
| OB 1898 | | <0.01 | <10 | <10 | 31 | <10 | 36 |
| OB 1899 | | <0.01 | <10 | <10 | 15 | <10 | 52 |
| OB 1900 | | <0.01 | <10 | <10 | 16 | <10 | 46 |
| OB 1901 | | 0.01 | <10 | <10 | 75 | <10 | 110 |

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To: CHAPLEAU RESOURCES

104-135 10TH AVE S

CRANBROOK BC V1C 2N1

Date : 4-Sep-2003

Account: NJY

*Zinger-rock***CERTIFICATE VA03032683**

Project : Cranbrook Gold

P.O. No:

This report is for 9 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 28-Aug-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
104-135 10TH AVE S
CRANBROOK BC V1C 2N1

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Signature:

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Page #: 2 - B

Total # of pages : 2 (A - C)

Date : 4-Sep-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03032683

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | Ga ppm 10 | Hg ppm 1 | K % 0.01 | La ppm 10 | Mg % 0.01 | Mn ppm 5 | Mo ppm 1 | Na % 0.01 | Ni ppm 1 | P ppm 10 | Pb ppm 2 | S % 0.01 | Sb ppm 2 | Sc ppm 1 | Sr ppm 1 |
| GD 1428 | | <10 | <1 | 0.08 | 20 | 0.02 | 287 | 2 | 0.01 | 12 | 160 | 2 | <0.01 | <2 | 1 | 1 |
| GD 1429 | | <10 | <1 | 0.05 | 20 | 0.02 | 141 | 1 | 0.02 | 7 | 100 | 19 | <0.01 | <2 | 1 | 1 |
| GD 1430 | | <10 | <1 | 0.20 | 30 | 0.02 | 582 | <1 | <0.01 | 10 | 440 | 23 | 0.08 | <2 | 1 | 7 |
| GD 1431 | | <10 | <1 | 0.10 | 90 | 0.01 | 316 | 1 | <0.01 | 6 | 130 | 24 | <0.01 | <2 | <1 | 3 |
| GD 1432 | | <10 | <1 | 0.14 | 10 | 0.02 | 173 | 2 | 0.01 | 14 | 120 | 15 | 0.01 | <2 | 1 | 2 |
| GD 1433 | | <10 | <1 | 0.11 | 90 | 0.01 | 83 | 2 | <0.01 | 6 | 190 | 37 | 0.01 | <2 | <1 | 3 |
| GD 1434 | | <10 | <1 | 0.07 | 10 | 0.03 | 352 | 1 | 0.02 | 13 | 110 | 23 | <0.01 | <2 | 1 | 1 |
| GD 1435 | | <10 | <1 | 0.16 | 40 | 0.10 | 99 | 1 | 0.02 | 9 | 170 | 3 | <0.01 | <2 | 1 | 2 |
| GD 1436 | | <10 | <1 | 0.15 | 40 | 0.01 | 35 | 2 | <0.01 | 10 | 130 | 44 | <0.01 | <2 | <1 | 1 |

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Page #: 2 - C

Total # of pages : 2 (A - C)

Date : 4-Sep-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03032683

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ti | Ti | U | V | W | Zn |
| | | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| GD 1428 | | <0.01 | <10 | <10 | 2 | <10 | 31 |
| GD 1429 | | <0.01 | <10 | <10 | 1 | <10 | 11 |
| GD 1430 | | <0.01 | <10 | <10 | 2 | <10 | 28 |
| GD 1431 | | <0.01 | <10 | <10 | 1 | <10 | 7 |
| GD 1432 | | <0.01 | <10 | <10 | 2 | <10 | 11 |
| GD 1433 | | <0.01 | <10 | <10 | 1 | <10 | 6 |
| GD 1434 | | <0.01 | <10 | <10 | 1 | <10 | 21 |
| GD 1435 | | 0.01 | <10 | <10 | 4 | <10 | 10 |
| GD 1438 | | <0.01 | <10 | <10 | 2 | <10 | 10 |

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Page #: 1

Date : 8-Sep-2003

Account: NJY

CERTIFICATE VA03033020

Project : Cranbrook Gold

P.O. No:

This report is for 28 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 30-Aug-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

*Zinger-rock***SAMPLE PREPARATION**

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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Page #: 2 - C

Total # of pages : 2 (A - C)

Date : 8-Sep-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03033020

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------------|-----------------|----------------|---------------|----------------|----------------|
| | | Ti % 0.01 | Ti ppm 10 | U ppm 10 | V ppm 1 | W ppm 10 | Zn ppm 2 |
| OB1902 | | <0.01 | <10 | <10 | 1 | <10 | 6 |
| OB1903 | | <0.01 | <10 | <10 | 2 | <10 | 5 |
| OB1904 | | <0.01 | <10 | <10 | 1 | <10 | 3 |
| OB1905 | | <0.01 | <10 | <10 | 1 | <10 | 9 |
| OB1906 | | <0.01 | <10 | <10 | 1 | <10 | 3 |
| OB1907 | | <0.01 | <10 | <10 | 1 | <10 | 14 |
| OB1908 | | <0.01 | <10 | <10 | 2 | <10 | 17 |
| OB1910 | | <0.01 | <10 | <10 | 2 | <10 | 16 |
| OB1911 | | <0.01 | <10 | <10 | 1 | <10 | 6 |
| OB1912 | | <0.01 | <10 | <10 | 2 | <10 | 4 |
| OB1913 | | <0.01 | <10 | <10 | 1 | <10 | 3 |
| OB1914 | | <0.01 | <10 | <10 | 2 | <10 | 8 |
| OB1915 | | <0.01 | <10 | <10 | 1 | <10 | 5 |
| OB1916 | | <0.01 | <10 | <10 | 1 | <10 | 3 |
| GD1437 | | <0.01 | <10 | <10 | 2 | <10 | 3 |
| GD1438 | | <0.01 | <10 | <10 | <1 | <10 | 12 |
| GD1439 | | <0.01 | <10 | <10 | 2 | <10 | 4 |
| GD1440 | | <0.01 | <10 | <10 | 1 | <10 | 5 |
| GD1441 | | <0.01 | <10 | <10 | 1 | <10 | 3 |
| GD1442 | | <0.01 | <10 | <10 | 2 | <10 | 14 |
| GD1443 | | <0.01 | <10 | <10 | 1 | <10 | 5 |
| GD1444 | | <0.01 | <10 | <10 | 1 | <10 | 10 |
| GD1445 | | <0.01 | <10 | <10 | 1 | <10 | 3 |
| GD1446 | | <0.01 | <10 | <10 | 1 | <10 | 5 |
| GD1447 | | <0.01 | <10 | <10 | 1 | <10 | 8 |
| GD1448 | | <0.01 | <10 | <10 | 1 | <10 | 5 |
| GD1449 | | <0.01 | <10 | <10 | 1 | <10 | 5 |
| GD1450 | | <0.01 | <10 | <10 | 1 | <10 | 24 |

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Page #: 1

Date : 9-Sep-2003

Account: NJY

*Zinger-rock***CERTIFICATE VA03033670**

Project : Cranbrook Gold

P.O. No:

This report is for 13 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 2-Sep-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rod w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
104-135 10TH AVE S
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Page #: 2 - A

Total # of pages : 2 (A - C)

Date : 9-Sep-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03033670

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| OB1917 | | 1.22 | 0.017 | <0.2 | 0.12 | <2 | <10 | 50 | <0.5 | <2 | 0.05 | <0.5 | 6 | 254 | 12 | 2.19 |
| OB1918 | | 1.14 | <0.005 | <0.2 | 0.15 | <2 | <10 | 50 | <0.5 | <2 | 0.07 | <0.5 | 2 | 170 | 3 | 0.71 |
| OB1919 | | 0.98 | 0.017 | <0.2 | 0.45 | <2 | <10 | 30 | <0.5 | <2 | 0.01 | <0.5 | 4 | 204 | 2 | 1.27 |
| OB1920 | | 1.02 | <0.005 | <0.2 | 0.16 | <2 | <10 | 30 | <0.5 | <2 | 0.25 | <0.5 | 1 | 199 | 3 | 0.88 |
| OB1921 | | 1.28 | <0.005 | <0.2 | 0.17 | <2 | <10 | 10 | <0.5 | <2 | 0.01 | <0.5 | 2 | 190 | 3 | 0.90 |
| OB1922 | | 1.96 | <0.005 | <0.2 | 0.18 | <2 | <10 | 400 | <0.5 | <2 | 0.01 | <0.5 | 2 | 144 | 2 | 0.96 |
| OB1923 | | 1.08 | <0.005 | <0.2 | 0.16 | <2 | <10 | 280 | <0.5 | <2 | 0.17 | <0.5 | 4 | 204 | 2 | 1.16 |
| OB1924 | | 1.40 | 0.095 | <0.2 | 0.12 | <2 | <10 | 30 | <0.5 | <2 | <0.01 | <0.5 | 2 | 218 | 3 | 1.05 |
| OB1925 | | 1.18 | 0.073 | <0.2 | 0.39 | <2 | <10 | 70 | <0.5 | <2 | 0.02 | <0.5 | 4 | 148 | 2 | 1.51 |
| OB1926 | | 1.14 | 0.378 | <0.2 | 0.33 | <2 | <10 | 420 | <0.5 | <2 | <0.01 | <0.5 | 3 | 146 | 3 | 0.98 |
| OB1927 | | 1.08 | <0.005 | <0.2 | 0.25 | 2 | <10 | 240 | <0.5 | <2 | <0.01 | <0.5 | 7 | 81 | 46 | 1.88 |
| OB1928 | | 1.18 | 0.021 | <0.2 | 0.17 | <2 | <10 | 40 | <0.5 | <2 | <0.01 | <0.5 | 4 | 83 | 16 | 1.21 |
| OB1929 | | 1.08 | <0.005 | <0.2 | 0.14 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 10 | 6 | 0.97 |

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Page #: 2 - C

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Date : 9-Sep-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03033670

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------------|-----------------|----------------|---------------|----------------|----------------|
| | | Ti % 0.01 | Ti ppm 10 | U ppm 10 | V ppm 1 | W ppm 10 | Zn ppm 2 |
| OB1917 | | <0.01 | <10 | <10 | 2 | <10 | 48 |
| OB1918 | | <0.01 | <10 | <10 | 1 | <10 | 15 |
| OB1919 | | <0.01 | <10 | <10 | 2 | <10 | 27 |
| OB1920 | | <0.01 | <10 | <10 | 1 | <10 | 11 |
| OB1921 | | <0.01 | <10 | <10 | 1 | <10 | 9 |
| OB1922 | | <0.01 | <10 | <10 | 1 | <10 | 11 |
| OB1923 | | 0.01 | <10 | <10 | 2 | <10 | 14 |
| OB1924 | | <0.01 | <10 | <10 | 1 | <10 | 6 |
| OB1925 | | <0.01 | <10 | <10 | 3 | <10 | 48 |
| OB1926 | | <0.01 | <10 | <10 | 3 | <10 | 14 |
| OB1927 | | <0.01 | <10 | <10 | 2 | <10 | 52 |
| OB1928 | | <0.01 | <10 | <10 | 1 | <10 | 23 |
| OB1929 | | <0.01 | <10 | <10 | 1 | <10 | 13 |

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Page #: 1

Date : 11-Sep-2003

Account: NJY

CERTIFICATE VA03033806

Project : Cranbrook Gold

P.O. No:

This report is for 2 PULP samples submitted to our lab in North Vancouver, BC, Canada on 5-Sep-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

*Zinger-pulp***SAMPLE PREPARATION**

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| FND-02 | Find Sample for Addn Analysis |
| SPL-21 | Split sample - riffle splitter |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

original file = VA03032683

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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Signature:

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Page #: 2 - A

Total # of pages : 2 (A)

Date : 11-Sep-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS**VA03033806**

| Sample Description | Method Analyte Units LOR | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-AA25 | Au-AA25D |
|--------------------|-----------------------------------|-------------|-------------|-------------|-------------|-----------|----------|-------------|-------------|
| | | Au Total | Au (+) F | Au (-) F | Au (+) m | WT. + Fr | WT. - Fr | Au | Au |
| | | ppm 0.05 | ppm 0.05 | ppm 0.05 | mg 0.001 | g 0.01 | g 0.1 | ppm 0.01 | ppm 0.01 |
| GD 1432 | | 2.76 | 144.5 | 2.29 | 0.329 | 2.28 | 686.0 | 2.16 | 2.41 |
| GD 1433 | | 6.43 | 47.1 | 5.39 | 0.863 | 18.33 | 716.9 | 5.19 | 5.59 |

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Page #: 1

Date : 25-Sep-2003

Account: NJY

CERTIFICATE VA03036434

Project : Cranbrook Gold

P.O. No:

This report is for 3 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 17-Sep-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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Page #: 2 - B

Total # of pages : 2 (A - C)

Date : 25-Sep-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03036434

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|----------|-----------|-----------|-----------|----------|----------|-----------|----------|-----------|----------|-----------|----------|----------|----------|
| | | Ga | Hg | K | La | Mg | Mn | Mo | Na | NI | P | Pb | S | Sb | Sc | Sr |
| | | ppm 10 | ppm 1 | % 0.01 | ppm 10 | % 0.01 | ppm 5 | ppm 1 | % 0.01 | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 | ppm 1 | ppm 1 |
| OB1930 | | <10 | <1 | 0.01 | <10 | 0.17 | 44 | 1 | <0.01 | 5 | 20 | <2 | <0.01 | <2 | <1 | 1 |
| OB1931 | | <10 | <1 | 0.01 | <10 | 0.09 | 29 | 2 | 0.01 | 4 | 20 | 12 | <0.01 | <2 | <1 | 2 |
| OB1932 | | <10 | <1 | 0.11 | <10 | 0.48 | 25 | <1 | <0.01 | 7 | 30 | 2 | <0.01 | <2 | <1 | 1 |

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Page # 1

Date : 1-Oct-2003

Account: NJY

CERTIFICATE VA03036567

Project : Cranbrook Gold

P.O. No:

This report is for 23 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 18-Sep-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

*Zinger-rock***SAMPLE PREPARATION**

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rod w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
104-135 10TH AVE S
CRANBROOK BC V1C 2N1

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Signature:



ALS Chemex

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ALS Canada Ltd.

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North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

TO: CHAPLEAU RESOURCES
104-135 10TH AVE S
CRANBROOK BC V1C 2N1

Page #: 2-A

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Date : 1-Oct-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03036567

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | Au-AA24 Au Check ppm 0.005 | Au-AA24 Au Check ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|-------------------------------------|-------------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|
| OB1933 | | 1.14 | 0.086 | | | <0.2 | 0.16 | 2 | <10 | 60 | <0.5 | <2 | 0.01 | <0.5 | 1 | 157 |
| OB1934 | | 1.90 | <0.005 | | | <0.2 | 0.18 | <2 | <10 | 140 | <0.5 | <2 | 0.01 | <0.5 | 2 | 108 |
| OB1935 | | 1.20 | <0.005 | | | <0.2 | 0.24 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 1 | 157 |
| OB1936 | | 1.42 | <0.005 | | | <0.2 | 0.28 | <2 | <10 | 40 | <0.5 | <2 | <0.01 | <0.5 | 1 | 147 |
| OB1937 | | 1.38 | <0.005 | | | <0.2 | 0.18 | <2 | <10 | 20 | <0.5 | <2 | 0.01 | <0.5 | 1 | 94 |
| OB1938 | | 0.94 | 0.174 | | | 0.2 | 0.29 | <2 | <10 | 20 | <0.5 | 2 | 0.01 | <0.5 | 2 | 209 |
| OB1939 | | 1.00 | 0.155 | | | <0.2 | 0.21 | <2 | <10 | 40 | <0.5 | <2 | 0.01 | <0.5 | 3 | 173 |
| OB1940 | | 1.12 | <0.005 | | | <0.2 | 0.12 | <2 | <10 | 30 | <0.5 | <2 | <0.01 | <0.5 | 6 | 299 |
| OB1941 | | 1.76 | 0.024 | | | <0.2 | 0.16 | <2 | <10 | 20 | <0.5 | <2 | 0.01 | <0.5 | 1 | 108 |
| OB1942 | | 1.52 | <0.005 | | | <0.2 | 0.16 | <2 | <10 | 20 | <0.5 | <2 | 0.01 | <0.5 | 2 | 191 |
| OB1943 | | 0.86 | 0.495 | | | 0.2 | 0.26 | <2 | <10 | 310 | <0.5 | <2 | <0.01 | <0.5 | 1 | 145 |
| OB1944 | | 1.88 | <0.005 | | | <0.2 | 0.11 | <2 | <10 | 210 | <0.5 | <2 | 0.10 | <0.5 | 4 | 193 |
| OB1945 | | 1.46 | 3.36 | 3.40 | 2.12 | 0.2 | 0.18 | <2 | <10 | 170 | <0.5 | <2 | <0.01 | <0.5 | 1 | 138 |
| OB1946 | | 1.62 | 0.055 | 0.014 | 0.019 | 1.3 | 0.03 | 2 | <10 | 390 | <0.5 | 4 | 0.04 | <0.5 | 12 | 255 |
| OB1947 | | 1.24 | 0.027 | | | <0.2 | 0.04 | 2 | <10 | 80 | <0.5 | <2 | 0.08 | <0.5 | 7 | 256 |
| OB1948 | | 1.84 | 7.03 | 6.43 | 7.90 | 0.6 | 0.17 | <2 | <10 | 310 | <0.5 | 2 | <0.01 | <0.5 | 6 | 160 |
| OB1949 | | 1.24 | 0.605 | 0.394 | 0.466 | <0.2 | 0.24 | <2 | <10 | 80 | <0.5 | <2 | <0.01 | <0.5 | 1 | 97 |
| OB1950 | | 1.28 | 0.015 | | | <0.2 | 0.04 | <2 | <10 | 70 | <0.5 | <2 | 0.10 | <0.5 | 6 | 290 |
| OB1951 | | 0.74 | <0.005 | | | <0.2 | 0.30 | <2 | <10 | 30 | <0.5 | <2 | <0.01 | <0.5 | 2 | 203 |
| OB1952 | | 1.16 | <0.005 | | | <0.2 | 0.17 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 1 | 165 |
| OB1953 | | 1.40 | 0.155 | | | 0.2 | 0.12 | <2 | <10 | 320 | <0.5 | <2 | 0.01 | <0.5 | 3 | 157 |
| OB1954 | | 1.14 | 0.052 | | | 0.3 | 0.18 | 6 | <10 | 20 | <0.5 | 11 | 0.01 | <0.5 | 8 | 301 |
| OB1955 | | 1.38 | <0.005 | | | <0.2 | 0.09 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 2 | 230 |

Comments: Some samples in this set exhibit Au nugget effect.

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Total # of pages : 2 (A - C)

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Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03036567

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|
| | | Cu ppm 1 | Fe % 0.01 | Ga ppm 10 | Hg ppm 1 | K % 0.01 | La ppm 10 | Mg % 0.01 | Mn ppm 5 | Mo ppm 1 | Na % 0.01 | Ni ppm 1 | P ppm 10 | Pb ppm 2 | S % 0.01 | Sb ppm 2 |
| OB1933 | | 3 | 0.55 | <10 | <1 | 0.09 | 20 | 0.01 | 69 | 1 | 0.02 | 3 | 80 | 25 | <0.01 | <2 |
| OB1934 | | <1 | 0.84 | <10 | <1 | 0.11 | 30 | 0.02 | 162 | <1 | 0.02 | 3 | 80 | 2 | <0.01 | <2 |
| OB1935 | | <1 | 0.85 | <10 | <1 | 0.08 | 20 | 0.02 | 36 | <1 | 0.02 | 3 | 110 | 3 | <0.01 | <2 |
| OB1936 | | <1 | 0.88 | <10 | <1 | 0.13 | 10 | 0.02 | 20 | <1 | 0.03 | 3 | 120 | <2 | <0.01 | <2 |
| OB1937 | | <1 | 0.80 | <10 | <1 | 0.08 | 20 | 0.02 | 45 | <1 | 0.05 | 2 | 90 | 3 | <0.01 | <2 |
| OB1938 | | <1 | 0.83 | <10 | <1 | 0.06 | 20 | 0.04 | 146 | <1 | 0.05 | 3 | 90 | 27 | <0.01 | <2 |
| OB1939 | | 2 | 1.00 | <10 | <1 | 0.13 | 10 | 0.02 | 166 | <1 | 0.02 | 5 | 120 | 10 | 0.01 | <2 |
| OB1940 | | <1 | 1.82 | <10 | <1 | 0.07 | 70 | 0.03 | 268 | <1 | 0.01 | 9 | 170 | 6 | <0.01 | <2 |
| OB1941 | | <1 | 0.63 | <10 | <1 | 0.12 | 20 | 0.01 | 54 | <1 | 0.02 | 3 | 100 | 3 | <0.01 | <2 |
| OB1942 | | <1 | 0.65 | <10 | <1 | 0.09 | 20 | 0.02 | 124 | <1 | 0.02 | 4 | 100 | 2 | <0.01 | <2 |
| OB1943 | | 2 | 0.70 | <10 | <1 | 0.22 | 10 | 0.02 | 23 | 3 | 0.01 | 3 | 90 | 64 | 0.04 | <2 |
| OB1944 | | 7 | 1.77 | <10 | <1 | 0.07 | 10 | 0.01 | 88 | 1 | <0.01 | 8 | 540 | 9 | 0.01 | <2 |
| OB1945 | | 17 | 0.79 | <10 | <1 | 0.15 | 10 | 0.01 | 57 | <1 | <0.01 | 2 | 110 | 64 | 0.02 | <2 |
| OB1946 | | 6 | 4.02 | <10 | <1 | 0.02 | <10 | 0.02 | 365 | 1 | 0.01 | 17 | 310 | 178 | 0.08 | <2 |
| OB1947 | | 3 | 1.90 | <10 | <1 | 0.02 | <10 | 0.01 | 425 | <1 | 0.01 | 9 | 470 | 13 | <0.01 | <2 |
| OB1948 | | 6 | 1.97 | <10 | <1 | 0.15 | 30 | 0.01 | 193 | 1 | <0.01 | 5 | 120 | 27 | 0.12 | <2 |
| OB1949 | | 2 | 0.58 | <10 | <1 | 0.20 | 30 | 0.02 | 23 | <1 | 0.01 | 2 | 120 | 27 | 0.02 | <2 |
| OB1950 | | 1 | 1.89 | <10 | <1 | 0.02 | <10 | 0.01 | 305 | <1 | 0.01 | 10 | 540 | 8 | <0.01 | <2 |
| OB1951 | | 1 | 0.88 | <10 | <1 | 0.08 | 20 | 0.01 | 154 | <1 | 0.03 | 5 | 130 | 4 | <0.01 | <2 |
| OB1952 | | <1 | 0.62 | <10 | <1 | 0.05 | 30 | 0.01 | 46 | <1 | 0.04 | 2 | 90 | 4 | <0.01 | <2 |
| OB1953 | | 14 | 0.79 | <10 | <1 | 0.07 | 20 | 0.01 | 100 | 2 | 0.02 | 3 | 80 | 26 | 0.02 | <2 |
| OB1954 | | 3 | 1.71 | <10 | <1 | 0.08 | 10 | 0.02 | 93 | <1 | <0.01 | 10 | 160 | 90 | <0.01 | <2 |
| OB1955 | | 2 | 0.89 | <10 | <1 | 0.04 | 10 | 0.01 | 63 | <1 | <0.01 | 4 | 80 | 19 | <0.01 | <2 |

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104-135 10TH AVE S

CRANBROOK BC V1C 2N1

Page #: 2-C

Total # of pages : 2 (A - C)

Date : 1-Oct-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS

VA03036567

| Sample Description | Method Analyte Units LOR | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 | ME-ICP41 Ti % 0.01 | ME-ICP41 Ti ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 |
|--------------------|-----------------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|
| OB1933 | | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 10 |
| OB1934 | | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 13 |
| OB1935 | | 1 | 1 | <0.01 | <10 | <10 | 2 | <10 | 8 |
| OB1938 | | 1 | 1 | <0.01 | <10 | <10 | 2 | <10 | 7 |
| OB1937 | | 1 | 1 | <0.01 | <10 | <10 | 1 | <10 | 8 |
| OB1938 | | 1 | 1 | <0.01 | <10 | <10 | 2 | <10 | 15 |
| OB1939 | | <1 | 1 | <0.01 | <10 | <10 | 1 | <10 | 14 |
| OB1940 | | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 62 |
| OB1941 | | <1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 6 |
| OB1942 | | 1 | 1 | <0.01 | <10 | <10 | 2 | <10 | 9 |
| OB1943 | | <1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 2 |
| OB1944 | | 1 | 9 | <0.01 | <10 | <10 | 1 | <10 | 53 |
| OB1945 | | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 13 |
| OB1946 | | 2 | 4 | <0.01 | <10 | <10 | 1 | <10 | 102 |
| OB1947 | | 1 | 5 | <0.01 | <10 | <10 | 1 | <10 | 36 |
| OB1948 | | 1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 11 |
| OB1949 | | 1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| OB1950 | | 1 | 6 | <0.01 | <10 | <10 | 1 | <10 | 37 |
| OB1951 | | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 15 |
| OB1952 | | <1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 5 |
| OB1953 | | 1 | 5 | <0.01 | <10 | <10 | 1 | <10 | 17 |
| OB1954 | | 1 | 1 | <0.01 | <10 | <10 | 2 | <10 | 17 |
| OB1955 | | <1 | <1 | <0.01 | <10 | <10 | 1 | <10 | 7 |

Comments: Some samples in this set exhibit Au nugget effect.

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CRANBROOK BC V1C 2N1

Page: 1

Date: 2-Oct-2003

Account: NJY

CERTIFICATE VA03037090

Project : Cranbrook Gold

P.O. No:

This report is for 34 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 22-Sep-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

*Zinger-rock***SAMPLE PREPARATION**

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
104-135 10TH AVE S
CRANBROOK BC V1C 2N1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



ALS Chemex

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CERTIFICATE OF ANALYSIS VA03037090

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| OB1956 | | 1.16 | 0.222 | <0.2 | 0.23 | 2 | <10 | 70 | <0.5 | <2 | <0.01 | <0.5 | 3 | 95 | 2 | 0.63 |
| OB1957 | | 1.72 | 0.008 | <0.2 | 0.29 | <2 | <10 | 170 | <0.5 | <2 | <0.01 | <0.5 | 5 | 31 | 5 | 0.62 |
| OB1958 | | 1.74 | 0.139 | <0.2 | 0.11 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | <1 | 84 | 1 | 0.15 |
| OB1959 | | 1.10 | 0.347 | <0.2 | 0.09 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 141 | 11 | 0.42 |
| OB1960 | | 1.24 | 3.48 | 0.9 | 0.16 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 1 | 106 | 6 | 0.77 |
| OB1961 | | 1.74 | 4.60 | 37.2 | 0.08 | 3 | <10 | 10 | <0.5 | 13 | <0.01 | <0.5 | 2 | 139 | 7 | 0.59 |
| OB1962 | | 1.96 | 0.022 | <0.2 | 0.11 | 3 | <10 | 130 | <0.5 | <2 | <0.01 | <0.5 | 1 | 59 | 3 | 0.40 |
| OB1963 | | 1.80 | 0.013 | 0.3 | 0.08 | 2 | <10 | 60 | <0.5 | <2 | 0.02 | <0.5 | 2 | 198 | 88 | 0.47 |
| OB1964 | | 1.72 | 0.145 | <0.2 | 0.11 | <2 | <10 | 60 | <0.5 | <2 | <0.01 | <0.5 | 1 | 110 | 17 | 1.22 |
| OB1965 | | 1.58 | 0.179 | <0.2 | 0.07 | 3 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | <1 | 97 | 1 | 0.18 |
| OB1966 | | 2.06 | 0.487 | 4.3 | 0.03 | <2 | <10 | 10 | <0.5 | 4 | <0.01 | <0.5 | 1 | 85 | 2 | 0.38 |
| OB1967 | | 1.18 | <0.005 | <0.2 | 0.09 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 1 | 141 | 3 | 0.26 |
| OB1968 | | 1.12 | 0.129 | 0.2 | 0.01 | <2 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 204 | 6 | 0.38 |
| OB1969 | | 1.64 | <0.005 | <0.2 | 0.02 | <2 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 114 | 1 | 0.81 |
| OB1970 | | 1.72 | <0.005 | <0.2 | 0.02 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 5 | 149 | 1 | 2.12 |
| OB1971 | | 1.06 | 0.027 | <0.2 | 0.12 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 2 | 164 | 2 | 0.72 |
| OB1972 | | 1.20 | 1.115 | <0.2 | 0.16 | 2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 2 | 172 | 12 | 0.97 |
| OB1973 | | 1.88 | 0.059 | <0.2 | 0.12 | <2 | <10 | 40 | <0.5 | <2 | <0.01 | <0.5 | 6 | 102 | 3 | 0.61 |
| OB1974 | | 1.74 | 0.108 | <0.2 | 0.19 | 2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | <1 | 78 | 2 | 0.58 |
| OB1975 | | 1.02 | 0.241 | 0.2 | 0.19 | <2 | <10 | 110 | <0.5 | <2 | 0.01 | <0.5 | 4 | 146 | 5 | 0.92 |
| OB1976 | | 1.78 | 0.103 | <0.2 | 0.20 | <2 | <10 | 40 | <0.5 | <2 | <0.01 | <0.5 | 5 | 130 | 2 | 1.18 |
| OB1977 | | 1.84 | 0.058 | <0.2 | 0.17 | <2 | <10 | 60 | <0.5 | <2 | <0.01 | <0.5 | 6 | 114 | 2 | 1.29 |
| OB1978 | | 1.48 | 0.010 | <0.2 | 0.12 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 3 | 99 | 1 | 0.73 |
| OB1979 | | 1.06 | 0.026 | <0.2 | 0.13 | <2 | <10 | 50 | <0.5 | <2 | <0.01 | <0.5 | 2 | 136 | 3 | 0.69 |
| OB1980 | | 1.76 | 0.205 | <0.2 | 0.11 | 2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 2 | 95 | 2 | 0.63 |
| OB1981 | | 1.82 | 0.372 | 0.4 | 0.12 | <2 | <10 | 410 | <0.5 | <2 | <0.01 | <0.5 | 1 | 85 | 5 | 0.65 |
| OB1982 | | 1.22 | <0.005 | <0.2 | 0.20 | 4 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 1 | 81 | 1 | 0.55 |
| OB1983 | | 1.12 | <0.005 | <0.2 | 0.17 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 1 | 104 | 1 | 0.45 |
| OB1984 | | 1.50 | 0.953 | <0.2 | 0.10 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 148 | 2 | 0.95 |
| OB1985 | | 1.78 | 5.03 | 7.8 | 0.08 | 4 | <10 | 10 | <0.5 | 6 | <0.01 | 0.7 | 2 | 110 | 7 | 1.12 |
| OB1986 | | 1.78 | 0.254 | 0.2 | 0.11 | <2 | <10 | 140 | <0.5 | <2 | <0.01 | <0.5 | 1 | 94 | 25 | 0.48 |
| OB1987 | | 1.36 | 0.168 | <0.2 | 0.12 | 2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 1 | 118 | 3 | 0.49 |
| OB1988 | | 1.02 | 0.309 | <0.2 | 0.14 | 3 | <10 | 40 | <0.5 | <2 | <0.01 | <0.5 | 1 | 154 | 2 | 1.09 |
| OB1989 | | 1.28 | <0.005 | <0.2 | 0.57 | <2 | <10 | 310 | <0.5 | <2 | <0.01 | <0.5 | 2 | 76 | <1 | 1.23 |



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CERTIFICATE OF ANALYSIS

VA03037090

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 |
|--------------------|-----------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| OB1956 | | <10 | <1 | 0.08 | 10 | 0.02 | 286 | 1 | 0.02 | 3 | 100 | 5 | <0.01 | <2 | 1 | 1 |
| OB1957 | | <10 | <1 | 0.12 | 20 | 0.02 | 889 | <1 | 0.01 | 2 | 80 | 9 | <0.01 | <2 | <1 | 2 |
| OB1958 | | <10 | <1 | 0.10 | 20 | 0.01 | 11 | 1 | <0.01 | <1 | 30 | 19 | 0.01 | <2 | <1 | 2 |
| OB1959 | | <10 | <1 | 0.08 | 10 | 0.01 | 15 | <1 | <0.01 | <1 | 60 | 32 | <0.01 | <2 | <1 | 1 |
| OB1960 | | <10 | <1 | 0.12 | 10 | 0.01 | 14 | 3 | <0.01 | 1 | 110 | 34 | <0.01 | <2 | <1 | 1 |
| OB1961 | | <10 | <1 | 0.06 | 10 | 0.01 | 56 | 4 | <0.01 | 2 | 220 | 4410 | 0.01 | <2 | <1 | 1 |
| OB1962 | | <10 | <1 | 0.10 | 10 | 0.01 | 94 | 1 | <0.01 | 1 | 70 | 17 | 0.01 | <2 | <1 | 2 |
| OB1963 | | <10 | <1 | 0.02 | 10 | 0.01 | 325 | 2 | <0.01 | 3 | 150 | 6 | <0.01 | <2 | <1 | 2 |
| OB1964 | | <10 | <1 | 0.08 | 10 | 0.01 | 29 | 1 | <0.01 | 1 | 190 | 49 | 0.02 | <2 | <1 | 4 |
| OB1965 | | <10 | <1 | 0.07 | 10 | <0.01 | 8 | 1 | <0.01 | <1 | 30 | 30 | <0.01 | <2 | <1 | 1 |
| OB1966 | | <10 | <1 | 0.03 | <10 | <0.01 | 26 | 2 | <0.01 | 1 | 110 | 2680 | 0.01 | <2 | <1 | 1 |
| OB1967 | | <10 | <1 | 0.06 | 10 | 0.01 | 96 | <1 | <0.01 | 1 | 30 | 13 | <0.01 | <2 | <1 | <1 |
| OB1968 | | <10 | <1 | <0.01 | <10 | <0.01 | 33 | 1 | <0.01 | 2 | 20 | 32 | <0.01 | <2 | <1 | <1 |
| OB1969 | | <10 | <1 | <0.01 | <10 | <0.01 | 78 | <1 | <0.01 | 3 | 130 | <2 | <0.01 | <2 | <1 | <1 |
| OB1970 | | <10 | <1 | <0.01 | <10 | 0.01 | 92 | 1 | <0.01 | 10 | 150 | <2 | <0.01 | <2 | 1 | 1 |
| OB1971 | | <10 | <1 | 0.08 | 10 | 0.01 | 79 | <1 | <0.01 | 3 | 100 | 34 | <0.01 | <2 | <1 | 1 |
| OB1972 | | <10 | <1 | 0.11 | 20 | 0.01 | 99 | 2 | <0.01 | 4 | 100 | 10 | <0.01 | <2 | <1 | 2 |
| OB1973 | | <10 | <1 | 0.08 | 20 | 0.01 | 215 | <1 | <0.01 | 3 | 110 | 11 | <0.01 | <2 | <1 | 1 |
| OB1974 | | <10 | <1 | 0.14 | 20 | 0.01 | 31 | <1 | <0.01 | 2 | 130 | 3 | <0.01 | <2 | <1 | 1 |
| OB1975 | | <10 | <1 | 0.12 | 20 | 0.01 | 549 | <1 | <0.01 | 5 | 140 | 19 | <0.01 | <2 | <1 | 3 |
| OB1976 | | <10 | <1 | 0.08 | 20 | 0.02 | 268 | 1 | 0.01 | 6 | 150 | 12 | <0.01 | <2 | 1 | 2 |
| OB1977 | | <10 | <1 | 0.04 | 10 | 0.02 | 374 | <1 | <0.01 | 5 | 200 | 52 | <0.01 | <2 | 1 | 1 |
| OB1978 | | <10 | <1 | 0.05 | 40 | 0.01 | 118 | <1 | 0.02 | 2 | 140 | 6 | <0.01 | <2 | 1 | 2 |
| OB1979 | | <10 | <1 | 0.09 | 20 | 0.01 | 374 | 1 | <0.01 | 2 | 120 | 14 | <0.01 | <2 | <1 | 1 |
| OB1980 | | <10 | <1 | 0.09 | 20 | 0.01 | 22 | <1 | <0.01 | 1 | 90 | 5 | <0.01 | <2 | <1 | 1 |
| OB1981 | | <10 | <1 | 0.09 | 20 | 0.01 | 58 | 1 | <0.01 | <1 | 70 | 29 | 0.01 | <2 | <1 | 3 |
| OB1982 | | <10 | <1 | 0.06 | 20 | 0.01 | 66 | <1 | 0.02 | 2 | 90 | 4 | <0.01 | <2 | <1 | 2 |
| OB1983 | | <10 | <1 | 0.05 | 10 | 0.01 | 25 | <1 | 0.02 | 1 | 110 | 4 | <0.01 | <2 | <1 | 1 |
| OB1984 | | <10 | <1 | 0.05 | 10 | 0.01 | 34 | 1 | <0.01 | 2 | 170 | 26 | 0.01 | <2 | <1 | 1 |
| OB1985 | | <10 | <1 | 0.07 | 10 | 0.01 | 23 | 1 | <0.01 | 2 | 370 | 6960 | 0.07 | 3 | <1 | 2 |
| OB1986 | | <10 | <1 | 0.10 | 10 | 0.01 | 12 | <1 | <0.01 | <1 | 50 | 144 | 0.01 | <2 | <1 | 1 |
| OB1987 | | <10 | <1 | 0.10 | 20 | 0.01 | 14 | 1 | <0.01 | <1 | 70 | 11 | <0.01 | <2 | <1 | 1 |
| OB1988 | | <10 | <1 | 0.11 | 10 | 0.01 | 39 | 1 | <0.01 | 3 | 160 | 50 | 0.02 | <2 | <1 | 2 |
| OB1989 | | <10 | <1 | 0.11 | 10 | 0.58 | 47 | 9 | <0.01 | 4 | 70 | 2 | 0.19 | <2 | <1 | 3 |

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Page # 2 - C

Total # of pages : 2 (A - C)

Date : 2-Oct-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS**VA03037090**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ti | Ti | U | V | W | Zn |
| | | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| OB1956 | | <0.01 | <10 | <10 | 1 | <10 | 16 |
| OB1957 | | <0.01 | <10 | <10 | 1 | <10 | 12 |
| OB1958 | | <0.01 | <10 | <10 | <1 | <10 | <2 |
| OB1959 | | <0.01 | <10 | <10 | 1 | <10 | 2 |
| OB1960 | | <0.01 | <10 | <10 | 1 | <10 | 8 |
| OB1961 | | <0.01 | <10 | <10 | 1 | <10 | 13 |
| OB1962 | | <0.01 | <10 | <10 | 1 | <10 | 6 |
| OB1963 | | <0.01 | <10 | <10 | 1 | <10 | 8 |
| OB1964 | | <0.01 | <10 | <10 | 1 | <10 | 7 |
| OB1965 | | <0.01 | <10 | <10 | <1 | <10 | <2 |
| OB1966 | | <0.01 | <10 | <10 | <1 | <10 | 3 |
| OB1967 | | <0.01 | <10 | <10 | 1 | <10 | 2 |
| OB1968 | | <0.01 | <10 | <10 | <1 | <10 | 3 |
| OB1969 | | <0.01 | <10 | <10 | <1 | <10 | 13 |
| OB1970 | | <0.01 | <10 | <10 | 1 | <10 | 31 |
| OB1971 | | <0.01 | <10 | <10 | 1 | <10 | 7 |
| OB1972 | | <0.01 | <10 | <10 | 1 | <10 | 19 |
| OB1973 | | <0.01 | <10 | <10 | 1 | <10 | 8 |
| OB1974 | | <0.01 | <10 | <10 | 1 | <10 | 4 |
| OB1975 | | <0.01 | <10 | <10 | 1 | <10 | 9 |
| OB1976 | | <0.01 | <10 | <10 | 1 | <10 | 37 |
| OB1977 | | <0.01 | <10 | <10 | 1 | <10 | 37 |
| OB1978 | | <0.01 | <10 | <10 | <1 | <10 | 22 |
| OB1979 | | <0.01 | <10 | <10 | 1 | <10 | 7 |
| OB1980 | | <0.01 | <10 | <10 | 1 | <10 | 2 |
| OB1981 | | <0.01 | <10 | <10 | 1 | <10 | 4 |
| OB1982 | | <0.01 | <10 | <10 | 1 | <10 | 10 |
| OB1983 | | <0.01 | <10 | <10 | 1 | <10 | 4 |
| OB1984 | | <0.01 | <10 | <10 | 1 | <10 | 8 |
| OB1985 | | <0.01 | <10 | <10 | 1 | <10 | 21 |
| OB1986 | | <0.01 | <10 | <10 | 1 | <10 | 12 |
| OB1987 | | <0.01 | <10 | <10 | 1 | <10 | 2 |
| OB1988 | | <0.01 | <10 | <10 | 1 | <10 | 4 |
| OB1989 | | <0.01 | <10 | <10 | 4 | <10 | 8 |

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Page #: 1

Date : 2-Oct-2003

Account: NJY

CERTIFICATE VA03037091

Project : Cranbrook Gold

P.O. No:

This report is for 34 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 22-Sep-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

*Zinger-rock***SAMPLE PREPARATION**

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rod w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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CRANBROOK BC V1C 2N1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Page #: 2 - A

Total # of pages : 2 (A - C)

Date : 2-Oct-2003

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Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03037091

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | Au-AA24 Au Check ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|-------------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|
| OB1990 | | 1.46 | 0.024 | 0.044 | <0.2 | 0.09 | 2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 86 | 14 |
| OB1991 | | 1.40 | <0.005 | | <0.2 | 0.10 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 2 | 130 | 2 |
| OB1992 | | 1.34 | 0.320 | 0.136 | <0.2 | 0.09 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 2 | 128 | 13 |
| OB1993 | | 1.96 | 0.720 | 0.822 | 0.2 | 0.02 | <2 | <10 | <10 | <0.5 | 2 | <0.01 | <0.5 | 1 | 170 | 11 |
| OB1994 | | 1.56 | 0.063 | | <0.2 | 0.08 | <2 | <10 | 40 | <0.5 | <2 | <0.01 | <0.5 | 2 | 118 | 11 |
| OB1995 | | 1.80 | 0.027 | | <0.2 | 0.11 | 3 | <10 | 40 | <0.5 | <2 | <0.01 | <0.5 | <1 | 69 | 7 |
| OB1996 | | 1.70 | 0.089 | | <0.2 | 0.13 | 4 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 88 | 6 |
| OB1997 | | 1.96 | <0.005 | | <0.2 | 0.05 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | <1 | 144 | 2 |
| OB1998 | | 1.78 | 1.580 | | 0.2 | 0.08 | 3 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 3 | 100 | 12 |
| OB1999 | | 1.38 | 0.577 | | <0.2 | 0.16 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 1 | 60 | 2 |
| OB2000 | | 1.74 | 0.099 | | <0.2 | 0.16 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 1 | 53 | 4 |
| OB2001 | | 1.82 | <0.005 | | <0.2 | 0.05 | 3 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 100 | 1 |
| OB2002 | | 1.28 | <0.005 | | <0.2 | 0.05 | 2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 134 | 2 |
| OB2003 | | 1.80 | 0.395 | | <0.2 | 0.04 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 112 | 2 |
| OB2004 | | 1.22 | 0.190 | | 0.2 | 0.12 | 3 | <10 | 170 | <0.5 | <2 | <0.01 | <0.5 | 2 | 96 | 3 |
| OB2005 | | 1.02 | 2.12 | | 0.5 | 0.04 | 4 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | <1 | 178 | 2 |
| OB2006 | | 1.22 | 0.128 | | <0.2 | 0.13 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 2 | 107 | 3 |
| OB2007 | | 1.34 | 0.065 | | <0.2 | 0.14 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 1 | 118 | 10 |
| OB2008 | | 1.54 | 0.255 | | <0.2 | 0.16 | <2 | <10 | 50 | <0.5 | <2 | <0.01 | <0.5 | 2 | 71 | 1 |
| OB2009 | | 1.78 | 0.043 | | <0.2 | 0.10 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 1 | 101 | 3 |
| OB2010 | | 1.88 | 0.124 | | <0.2 | 0.15 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 1 | 57 | 4 |
| OB2011 | | 1.26 | 0.250 | | <0.2 | 0.11 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 135 | 1 |
| OB2012 | | 1.40 | 0.015 | | <0.2 | 0.14 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 105 | 2 |
| OB2013 | | 1.42 | 0.088 | | <0.2 | 0.14 | <2 | <10 | 40 | <0.5 | <2 | <0.01 | <0.5 | <1 | 78 | 1 |
| OB2014 | | 1.28 | 0.134 | | <0.2 | 0.11 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 109 | 2 |
| OB2015 | | 1.26 | 0.686 | | 0.3 | 0.10 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 1 | 71 | 2 |
| OB2016 | | 2.02 | 0.229 | | 0.5 | 0.13 | <2 | <10 | 270 | <0.5 | <2 | <0.01 | <0.5 | 3 | 128 | 13 |
| OB2017 | | 1.84 | 0.006 | | <0.2 | 0.18 | <2 | <10 | 40 | <0.5 | <2 | <0.01 | <0.5 | 1 | 85 | 8 |
| OB2018 | | 1.50 | 0.020 | | <0.2 | 0.21 | 13 | <10 | 50 | <0.5 | <2 | <0.01 | <0.5 | 5 | 106 | 2 |
| OB2019 | | 1.96 | <0.005 | | <0.2 | 0.20 | <2 | <10 | 30 | <0.5 | <2 | 0.01 | <0.5 | 3 | 106 | 1 |
| OB2020 | | 1.76 | 0.399 | | <0.2 | 0.18 | <2 | <10 | 80 | <0.5 | <2 | 0.01 | <0.5 | 2 | 87 | 6 |
| OB2021 | | 1.06 | 0.075 | | <0.2 | 0.13 | <2 | <10 | 150 | <0.5 | <2 | <0.01 | <0.5 | 3 | 144 | 2 |
| OB2022 | | 1.92 | 0.095 | | <0.2 | 0.16 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | <1 | 69 | 3 |
| OB2023 | | 0.94 | 0.219 | | <0.2 | 0.13 | <2 | <10 | 250 | <0.5 | <2 | <0.01 | <0.5 | 1 | 146 | 2 |

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Page #: 2 - C

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Date : 2-Oct-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS**VA03037091**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------------|-----------------|-----------------|----------------|---------------|----------------|----------------|
| | | Sr ppm 1 | Ti % 0.01 | Ti ppm 10 | U ppm 10 | V ppm 1 | W ppm 10 | Zn ppm 2 |
| OB1990 | | 1 | <0.01 | <10 | <10 | 1 | <10 | 3 |
| OB1991 | | 1 | <0.01 | <10 | <10 | 2 | <10 | 5 |
| OB1992 | | 1 | <0.01 | <10 | <10 | 1 | <10 | 3 |
| OB1993 | | <1 | <0.01 | <10 | <10 | 1 | <10 | 7 |
| OB1994 | | <1 | <0.01 | <10 | <10 | 1 | <10 | 3 |
| OB1995 | | 1 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| OB1996 | | 1 | <0.01 | <10 | <10 | 1 | <10 | 3 |
| OB1997 | | 1 | <0.01 | <10 | <10 | 1 | <10 | 3 |
| OB1998 | | 1 | <0.01 | <10 | <10 | 1 | <10 | 7 |
| OB1999 | | 1 | <0.01 | <10 | <10 | 1 | <10 | 3 |
| OB2000 | | 1 | <0.01 | <10 | <10 | 1 | <10 | 3 |
| OB2001 | | 1 | <0.01 | <10 | <10 | <1 | <10 | 3 |
| OB2002 | | 1 | <0.01 | <10 | <10 | <1 | <10 | 3 |
| OB2003 | | 1 | <0.01 | <10 | <10 | 1 | <10 | <2 |
| OB2004 | | 2 | <0.01 | <10 | <10 | 1 | <10 | 3 |
| OB2005 | | 1 | <0.01 | <10 | <10 | 1 | <10 | <2 |
| OB2006 | | 1 | <0.01 | <10 | <10 | 1 | <10 | 4 |
| OB2007 | | 1 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| OB2008 | | 1 | <0.01 | <10 | <10 | 1 | <10 | 10 |
| OB2009 | | 1 | <0.01 | <10 | <10 | 1 | <10 | 4 |
| OB2010 | | 1 | <0.01 | <10 | <10 | 1 | <10 | 7 |
| OB2011 | | 1 | <0.01 | <10 | <10 | 1 | <10 | 3 |
| OB2012 | | 1 | <0.01 | <10 | <10 | 1 | <10 | 4 |
| OB2013 | | 2 | <0.01 | <10 | <10 | 1 | <10 | 2 |
| OB2014 | | 1 | <0.01 | <10 | <10 | 1 | <10 | 5 |
| OB2015 | | 1 | <0.01 | <10 | <10 | 1 | <10 | 4 |
| OB2016 | | 2 | <0.01 | <10 | <10 | 1 | <10 | 57 |
| OB2017 | | 2 | <0.01 | <10 | <10 | <1 | <10 | 15 |
| OB2018 | | 1 | <0.01 | <10 | <10 | 1 | <10 | 37 |
| OB2019 | | 1 | <0.01 | <10 | <10 | 2 | <10 | 17 |
| OB2020 | | 2 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| OB2021 | | 2 | <0.01 | <10 | <10 | 1 | <10 | 7 |
| OB2022 | | 1 | <0.01 | <10 | <10 | 1 | <10 | 3 |
| OB2023 | | 1 | <0.01 | <10 | <10 | 1 | <10 | 5 |



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Page # : 1
Date : 1-Dec-2003
Account: NJY

CERTIFICATE VA03037878

Project : Cranbrook Gold

P.O. No:

This report is for 4 ROCK samples submitted to our lab in Vancouver, BC, Canada on 9-Oct-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

Zinger rock

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Page #: 2 - A
Total # of pages : 2 (A - C)
Date : 1-Dec-2003
Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03037878

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| GD1480 | | 1.24 | <0.005 | <0.2 | 0.11 | 4 | <10 | 10 | <0.5 | <2 | 0.11 | <0.5 | 5 | 340 | 3 | 1.52 |
| OB2167 | | 1.12 | 0.008 | <0.2 | 0.16 | <2 | <10 | 140 | <0.5 | <2 | 0.02 | <0.5 | 4 | 317 | 1 | 1.62 |
| OB2168 | | 1.12 | 0.506 | 0.3 | 0.16 | 80 | <10 | 30 | <0.5 | 3 | <0.01 | <0.5 | 16 | 170 | 4 | 12.35 |
| OB2169 | | 1.00 | 9.67 | 3.6 | 0.07 | <2 | <10 | 20 | <0.5 | 7 | <0.01 | <0.5 | 9 | 260 | 49 | 2.00 |



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Total # of pages : 2 (A - C)

Date : 1-Dec-2003

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Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03037878

| Method | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Analyte | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc | Sr |
| Units | ppm | ppm | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm |
| LOR | 10 | 1 | 0.01 | 10 | 0.01 | 5 | 1 | 0.01 | 1 | 10 | 2 | 0.01 | 2 | 1 | 1 |
| Sample Description | | | | | | | | | | | | | | | |
| GD1480 | <10 | <1 | 0.06 | 10 | 0.07 | 148 | 2 | <0.01 | 12 | 50 | <2 | 0.01 | <2 | 1 | 4 |
| O82167 | <10 | <1 | 0.11 | 10 | 0.02 | 824 | 1 | <0.01 | 6 | 240 | 3 | <0.01 | <2 | 1 | 1 |
| O82168 | <10 | <1 | 0.07 | <10 | 0.02 | 204 | 19 | <0.01 | 15 | 1140 | 78 | 0.09 | <2 | 3 | 1 |
| O82169 | <10 | <1 | 0.05 | <10 | 0.01 | 46 | 1 | <0.01 | 10 | 80 | 47 | 0.17 | 2 | <1 | 1 |



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Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03037878

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ti | Ti | U | V | W | Zn |
| | | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| GD1480 | | <0.01 | <10 | <10 | 2 | <10 | 18 |
| OB2167 | | <0.01 | <10 | <10 | 3 | <10 | 23 |
| OB2168 | | <0.01 | <10 | <10 | 6 | <10 | 81 |
| OB2169 | | <0.01 | <10 | <10 | 1 | <10 | 31 |

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Page #: 1

Date : 6-Oct-2003

Account: NJY

CERTIFICATE VA03038000

Project : Cranbrook Gold

P.O. No:

This report is for 18 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 25-Sep-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

Zinger-rock
SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Ag-AA46 | Ore grade Ag - aqua regia/AA | AAS |
| Pb-AA46 | Ore grade Pb - aqua regia/AA | AAS |
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
104-135 10TH AVE S
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

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Page #: 2 - A

Total # of pages : 2 (A - C)

Date : 6-Oct-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03038000

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| OB2036 | | 1.06 | 0.039 | <0.2 | 0.11 | <2 | <10 | 10 | <0.5 | <2 | 0.01 | <0.5 | 2 | 340 | 5 | 0.88 |
| OB2037 | | 1.18 | 0.216 | <0.2 | 0.07 | 10 | <10 | 30 | <0.5 | <2 | 0.01 | <0.5 | 6 | 184 | 2 | 2.09 |
| OB2038 | | 1.24 | <0.005 | <0.2 | 0.45 | 2 | <10 | 30 | <0.5 | <2 | 0.05 | <0.5 | 5 | 207 | <1 | 1.76 |
| OB2039 | | 1.50 | 0.010 | <0.2 | 0.18 | 9 | <10 | 670 | <0.5 | <2 | <0.01 | <0.5 | 3 | 150 | 2 | 1.26 |
| OB2040 | | 1.64 | 0.012 | 0.2 | 0.14 | 6 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 246 | 1 | 1.38 |
| OB2041 | | 1.36 | 0.036 | 4.5 | 0.18 | 13 | <10 | 70 | <0.5 | 2 | 0.01 | <0.5 | 1 | 109 | 9 | 0.93 |
| OB2042 | | 1.20 | 0.421 | >100 | 0.02 | 30 | <10 | 20 | <0.5 | 54 | <0.01 | 2.3 | 1 | 353 | 23 | 1.00 |
| OB2043 | | 1.12 | 0.100 | 51.4 | 0.02 | 3 | <10 | 10 | <0.5 | 29 | 0.09 | 2.7 | 1 | 158 | 27 | 0.51 |
| OB2044 | | 1.58 | 0.668 | 0.7 | 0.36 | 90 | <10 | 80 | <0.5 | <2 | <0.01 | <0.5 | 2 | 167 | 2 | 1.82 |
| OB2045 | | 1.00 | 0.082 | 0.7 | 0.56 | 10 | <10 | 80 | <0.5 | <2 | 0.23 | 0.6 | 8 | 163 | 3 | 2.00 |
| OB2046 | | 1.12 | 0.255 | 20.9 | 0.25 | 16 | <10 | 120 | <0.5 | 3 | 0.01 | <0.5 | 1 | 223 | 1585 | 1.07 |
| OB2047 | | 1.76 | 0.013 | <0.2 | 0.09 | 3 | <10 | 30 | <0.5 | <2 | 0.04 | <0.5 | 3 | 261 | 3 | 0.99 |
| OB2048 | | 0.86 | 0.066 | 0.2 | 0.11 | 36 | <10 | 20 | <0.5 | <2 | 0.01 | <0.5 | 2 | 437 | 7 | 1.14 |
| OB2049 | | 1.24 | 0.055 | 3.0 | 0.04 | 50 | <10 | 10 | <0.5 | <2 | 0.05 | 1.7 | 3 | 299 | 2 | 2.11 |
| OB2050 | | 1.28 | 0.058 | <0.2 | 0.49 | <2 | <10 | 110 | <0.5 | <2 | 0.13 | <0.5 | 6 | 242 | 1 | 1.64 |
| OB2051 | | 1.30 | 0.076 | <0.2 | 0.17 | <2 | <10 | 190 | <0.5 | <2 | 0.13 | <0.5 | 4 | 238 | 1 | 1.02 |
| OB2052 | | 1.32 | 0.061 | <0.2 | 0.33 | 2 | <10 | 140 | <0.5 | <2 | 0.07 | <0.5 | 9 | 262 | 1 | 2.27 |
| OB2053 | | 1.68 | 0.136 | <0.2 | 0.16 | 8 | <10 | 80 | <0.5 | <2 | 0.02 | <0.5 | 3 | 216 | 6 | 0.64 |

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Total # of pages : 2 (A - C)

Date : 6-Oct-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03038000

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | Ga ppm 10 | Hg ppm 1 | K % 0.01 | La ppm 10 | Mg % 0.01 | Mn ppm 5 | Mo ppm 1 | Na % 0.01 | Ni ppm 1 | P ppm 10 | Pb ppm 2 | S % 0.01 | Sb ppm 2 | Sc ppm 1 | Sr ppm 1 |
| OB2036 | | <10 | <1 | 0.07 | <10 | 0.01 | 94 | 1 | <0.01 | 6 | 80 | 8 | 0.01 | <2 | 1 | 1 |
| OB2037 | | <10 | <1 | 0.05 | <10 | 0.01 | 50 | 1 | <0.01 | 9 | 140 | 2 | 0.21 | <2 | 1 | 1 |
| OB2038 | | <10 | <1 | 0.25 | 20 | 0.03 | 60 | <1 | 0.01 | 9 | 420 | <2 | <0.01 | <2 | 1 | 3 |
| OB2039 | | <10 | <1 | 0.13 | 10 | 0.01 | 22 | <1 | <0.01 | 5 | 200 | 3 | 0.02 | <2 | 1 | 3 |
| OB2040 | | <10 | <1 | 0.06 | <10 | 0.01 | 18 | 1 | <0.01 | 4 | 130 | 215 | 0.04 | <2 | <1 | 1 |
| OB2041 | | <10 | <1 | 0.11 | 10 | 0.01 | 11 | <1 | 0.03 | 2 | 70 | 1630 | 0.25 | <2 | <1 | 4 |
| OB2042 | | <10 | <1 | 0.01 | <10 | <0.01 | 19 | 2 | <0.01 | 4 | 80 | >10000 | 0.59 | 27 | <1 | 2 |
| OB2043 | | <10 | <1 | 0.01 | <10 | <0.01 | 10 | 1 | <0.01 | 2 | 520 | >10000 | 0.29 | 12 | <1 | 10 |
| OB2044 | | <10 | <1 | 0.20 | 20 | 0.02 | 49 | <1 | 0.02 | 4 | 130 | 114 | 0.04 | <2 | 1 | 11 |
| OB2045 | | <10 | <1 | 0.34 | 20 | 0.12 | 178 | <1 | 0.01 | 11 | 320 | 408 | 0.12 | <2 | 1 | 12 |
| OB2046 | | <10 | <1 | 0.13 | 10 | 0.01 | 15 | 1 | 0.04 | 3 | 80 | 488 | 0.21 | 17 | 1 | 3 |
| OB2047 | | <10 | <1 | 0.05 | <10 | 0.02 | 99 | 1 | 0.01 | 6 | 170 | 16 | 0.05 | <2 | 1 | 2 |
| OB2048 | | <10 | <1 | 0.04 | 10 | 0.01 | 50 | 1 | 0.02 | 7 | 30 | 29 | 0.04 | <2 | <1 | 2 |
| OB2049 | | <10 | <1 | 0.02 | <10 | 0.01 | 178 | 1 | <0.01 | 5 | 240 | 1010 | 0.25 | <2 | 1 | 7 |
| OB2050 | | <10 | <1 | 0.31 | 10 | 0.28 | 162 | 1 | 0.01 | 8 | 400 | 6 | <0.01 | <2 | 1 | 6 |
| OB2051 | | <10 | <1 | 0.12 | 10 | 0.28 | 116 | <1 | 0.01 | 6 | 280 | 10 | 0.01 | <2 | 1 | 7 |
| OB2052 | | <10 | <1 | 0.21 | 10 | 0.34 | 218 | 1 | 0.01 | 13 | 260 | <2 | <0.01 | <2 | 1 | 4 |
| OB2053 | | <10 | <1 | 0.11 | 10 | 0.01 | 138 | <1 | <0.01 | 5 | 140 | 4 | <0.01 | <2 | <1 | 2 |

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Total # of pages : 2 (A - C)

Date : 6-Oct-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03038000

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | Ag-AA46 | Pb-AA46 |
|--------------------|-----------------------------------|-----------|-----------|-----------|----------|-----------|----------|----------|-----------|
| | | Ti | Ti | U | V | W | Zn | Ag | Pb |
| | | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 | ppm 1 | % 0.01 |
| OB2036 | | <0.01 | <10 | <10 | 2 | <10 | 14 | | |
| OB2037 | | <0.01 | <10 | <10 | 1 | <10 | 8 | | |
| OB2038 | | <0.01 | <10 | <10 | 5 | <10 | 17 | | |
| OB2039 | | <0.01 | <10 | <10 | 2 | <10 | 8 | | |
| OB2040 | | <0.01 | <10 | <10 | 1 | <10 | 39 | | |
| OB2041 | | <0.01 | <10 | <10 | 1 | <10 | 60 | | |
| OB2042 | | <0.01 | <10 | <10 | 1 | <10 | 116 | 109 | 3.91 |
| OB2043 | | <0.01 | <10 | <10 | 1 | <10 | 280 | | 1.94 |
| OB2044 | | <0.01 | <10 | <10 | 3 | <10 | 11 | | |
| OB2045 | | <0.01 | <10 | <10 | 5 | <10 | 489 | | |
| OB2046 | | <0.01 | <10 | <10 | 1 | <10 | 62 | | |
| OB2047 | | <0.01 | <10 | <10 | 1 | <10 | 12 | | |
| OB2048 | | <0.01 | <10 | <10 | 2 | <10 | 12 | | |
| OB2049 | | <0.01 | <10 | <10 | 1 | <10 | 344 | | |
| OB2050 | | 0.01 | <10 | <10 | 5 | <10 | 26 | | |
| OB2051 | | <0.01 | <10 | <10 | 2 | <10 | 22 | | |
| OB2052 | | 0.01 | <10 | <10 | 4 | <10 | 51 | | |
| OB2053 | | <0.01 | <10 | <10 | 2 | <10 | 3 | | |

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Page #: 1

Date : 3-Oct-2003

Account: NJY

CERTIFICATE VA03038100

Project : Cranbrook Gold

P.O. No:

This report is for 24 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 26-Sep-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

ZINGER ROCK

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

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Page #: 2 - A

Total # of pages : 2 (A - C)

Date : 3-Oct-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03038100

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| OB2054 | | 1.68 | 0.020 | <0.2 | 0.07 | 3 | <10 | 10 | <0.5 | <2 | 0.04 | <0.5 | 7 | 281 | 3 | 0.98 |
| OB2055 | | 1.52 | <0.005 | <0.2 | 0.34 | 5 | <10 | 30 | <0.5 | <2 | 0.04 | <0.5 | 11 | 269 | 8 | 1.56 |
| OB2056 | | 1.70 | <0.005 | <0.2 | 0.07 | 3 | <10 | 10 | <0.5 | <2 | 0.04 | <0.5 | 7 | 309 | 5 | 1.06 |
| OB2057 | | 1.62 | 0.495 | 2.4 | 0.07 | 4 | <10 | 10 | <0.5 | 5 | 0.02 | <0.5 | 3 | 280 | 28 | 1.14 |
| OB2058 | | 0.96 | 0.083 | 0.6 | 0.27 | <2 | <10 | 70 | <0.5 | 2 | 0.42 | <0.5 | 5 | 224 | 5 | 1.29 |
| OB2059 | | 1.24 | 0.007 | <0.2 | 0.07 | <2 | <10 | 10 | <0.5 | <2 | 3.20 | 0.8 | 4 | 231 | 2 | 1.74 |
| OB2060 | | 1.18 | 0.010 | <0.2 | 0.07 | 9 | <10 | 20 | <0.5 | <2 | 0.28 | <0.5 | 5 | 266 | 5 | 1.30 |
| OB2061 | | 1.02 | <0.005 | <0.2 | 0.06 | 3 | <10 | 10 | <0.5 | <2 | 0.01 | <0.5 | 8 | 262 | 2 | 0.81 |
| OB2062 | | 1.52 | 0.170 | 0.2 | 0.10 | 2 | <10 | 100 | <0.5 | <2 | 0.80 | <0.5 | 4 | 281 | 4 | 1.33 |
| OB2063 | | 1.36 | <0.005 | <0.2 | 0.13 | <2 | <10 | 290 | <0.5 | <2 | 1.68 | <0.5 | 4 | 273 | 1 | 1.24 |
| OB2064 | | 1.02 | <0.005 | <0.2 | 0.07 | 4 | <10 | 20 | <0.5 | <2 | 0.50 | <0.5 | 6 | 397 | 2 | 1.64 |
| OB2065 | | 1.04 | <0.005 | <0.2 | 0.23 | 3 | <10 | 20 | <0.5 | <2 | 0.36 | <0.5 | 29 | 303 | 2 | 2.71 |
| OB2066 | | 1.20 | 0.775 | <0.2 | 0.12 | 3 | <10 | 10 | <0.5 | <2 | 0.01 | <0.5 | 3 | 302 | 2 | 1.00 |
| OB2067 | | 1.32 | <0.005 | <0.2 | 0.09 | <2 | <10 | <10 | <0.5 | <2 | 0.76 | <0.5 | 1 | 266 | 2 | 0.65 |
| OB2068 | | 0.88 | <0.005 | <0.2 | 0.14 | <2 | <10 | 10 | <0.5 | <2 | 0.32 | <0.5 | 1 | 322 | 1 | 0.65 |
| OB2069 | | 1.12 | <0.005 | <0.2 | 0.32 | <2 | <10 | 10 | <0.5 | <2 | 0.06 | <0.5 | 3 | 221 | 1 | 0.65 |
| OB2070 | | 1.10 | <0.005 | <0.2 | 2.83 | 2 | <10 | <10 | <0.5 | <2 | 0.06 | <0.5 | 3 | 172 | 2 | 1.38 |
| OB2071 | | 1.68 | 0.032 | <0.2 | 0.14 | 2 | <10 | 20 | <0.5 | <2 | 0.62 | <0.5 | 5 | 253 | 8 | 1.14 |
| OB2072 | | 1.48 | <0.005 | <0.2 | 0.20 | 3 | <10 | 30 | <0.5 | <2 | 4.88 | <0.5 | 5 | 182 | 5 | 1.74 |
| OB2073 | | 1.22 | <0.005 | <0.2 | 0.25 | 2 | <10 | 30 | <0.5 | <2 | 1.35 | <0.5 | 4 | 247 | 3 | 1.24 |
| OB2074 | | 1.32 | <0.005 | <0.2 | 0.34 | <2 | <10 | 10 | <0.5 | <2 | 0.03 | <0.5 | 7 | 286 | 78 | 1.25 |
| OB2075 | | 1.16 | <0.005 | <0.2 | 0.83 | 4 | <10 | <10 | <0.5 | <2 | 0.01 | <0.5 | 4 | 279 | 2 | 1.17 |
| OB2076 | | 1.56 | 0.007 | <0.2 | 0.09 | 3 | <10 | 10 | <0.5 | <2 | 0.08 | <0.5 | 26 | 277 | 5 | 1.18 |
| OB2077 | | 1.50 | <0.005 | <0.2 | 0.07 | <2 | <10 | 10 | <0.5 | <2 | 0.17 | <0.5 | 35 | 296 | 6 | 1.46 |

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Page #: 2 - B

Total # of pages : 2 (A - C)

Date : 3-Oct-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03038100

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|----------|-----------|-----------|-----------|----------|----------|-----------|----------|-----------|----------|-----------|----------|----------|
| | | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc |
| | | ppm 10 | ppm 1 | % 0.01 | ppm 10 | % 0.01 | ppm 5 | ppm 1 | % 0.01 | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 | ppm 1 |
| OB2054 | | <10 | <1 | 0.02 | <10 | 0.02 | 181 | 1 | 0.01 | 13 | 50 | 4 | <0.01 | <2 | <1 |
| OB2055 | | <10 | <1 | 0.13 | 10 | 0.18 | 50 | 2 | <0.01 | 19 | 250 | 3 | 0.03 | <2 | 1 |
| OB2056 | | <10 | 1 | 0.04 | <10 | 0.03 | 51 | 2 | <0.01 | 10 | 40 | 5 | 0.01 | <2 | <1 |
| OB2057 | | <10 | <1 | 0.04 | <10 | 0.01 | 63 | 2 | <0.01 | 7 | 130 | 132 | 0.24 | <2 | <1 |
| OB2058 | | <10 | <1 | 0.17 | 20 | 0.23 | 754 | 1 | <0.01 | 8 | 300 | 54 | 0.02 | <2 | 1 |
| OB2059 | | <10 | 1 | 0.03 | <10 | 1.72 | 351 | 1 | <0.01 | 11 | 400 | 12 | <0.01 | <2 | 3 |
| OB2060 | | <10 | 1 | 0.03 | <10 | 0.14 | 170 | 2 | <0.01 | 10 | 250 | 10 | 0.17 | <2 | 1 |
| OB2061 | | <10 | <1 | 0.06 | <10 | 0.01 | 20 | 5 | 0.01 | 5 | 40 | 13 | 0.03 | <2 | <1 |
| OB2062 | | <10 | 1 | 0.06 | <10 | 0.41 | 191 | 1 | 0.01 | 8 | 180 | 16 | 0.20 | <2 | 1 |
| OB2063 | | <10 | 1 | 0.05 | <10 | 1.03 | 598 | 1 | 0.02 | 8 | 260 | 4 | 0.01 | <2 | 2 |
| OB2064 | | <10 | <1 | 0.03 | <10 | 0.35 | 269 | 2 | 0.01 | 9 | 160 | 5 | 0.01 | <2 | 1 |
| OB2065 | | <10 | <1 | 0.07 | <10 | 0.18 | 195 | 1 | <0.01 | 15 | 540 | 3 | <0.01 | <2 | 2 |
| OB2066 | | <10 | <1 | 0.08 | <10 | 0.02 | 30 | 1 | <0.01 | 6 | 60 | 2 | <0.01 | 2 | <1 |
| OB2067 | | <10 | <1 | 0.05 | <10 | 0.01 | 24 | 1 | <0.01 | 4 | 3710 | <2 | <0.01 | <2 | <1 |
| OB2068 | | <10 | <1 | <0.01 | <10 | 0.17 | 88 | 1 | <0.01 | 5 | 50 | <2 | 0.01 | <2 | <1 |
| OB2069 | | <10 | <1 | 0.05 | 10 | 0.33 | 82 | <1 | <0.01 | 4 | 310 | <2 | <0.01 | <2 | <1 |
| OB2070 | | 10 | <1 | <0.01 | 10 | 4.47 | 50 | <1 | <0.01 | 11 | 310 | <2 | <0.01 | <2 | 1 |
| OB2071 | | <10 | <1 | 0.09 | <10 | 0.25 | 293 | 1 | <0.01 | 10 | 90 | 7 | 0.03 | <2 | 1 |
| OB2072 | | <10 | <1 | 0.13 | <10 | 2.38 | 583 | 2 | 0.01 | 7 | 400 | 8 | 0.02 | <2 | 4 |
| OB2073 | | <10 | <1 | 0.12 | 10 | 0.69 | 264 | 1 | 0.01 | 9 | 330 | 4 | 0.01 | <2 | 1 |
| OB2074 | | <10 | <1 | 0.04 | <10 | 0.22 | 75 | 1 | 0.01 | 14 | 60 | 3 | 0.04 | <2 | <1 |
| OB2075 | | <10 | <1 | 0.01 | 10 | 1.14 | 28 | 1 | <0.01 | 18 | 110 | <2 | <0.01 | <2 | <1 |
| OB2076 | | <10 | <1 | 0.03 | <10 | 0.04 | 48 | 3 | 0.01 | 10 | 200 | 6 | 0.03 | <2 | 1 |
| OB2077 | | <10 | <1 | 0.02 | <10 | 0.09 | 69 | 3 | 0.01 | 11 | 160 | 5 | 0.04 | <2 | 1 |

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Page #: 2 - C

Total # of pages : 2 (A - C)

Date : 3-Oct-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03038100

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------------|-----------------|----------------|---------------|----------------|----------------|
| | | Ti % 0.01 | Ti ppm 10 | U ppm 10 | V ppm 1 | W ppm 10 | Zn ppm 2 |
| OB2054 | | <0.01 | <10 | <10 | 1 | <10 | 8 |
| OB2055 | | <0.01 | <10 | <10 | 3 | <10 | 16 |
| OB2056 | | <0.01 | <10 | <10 | 1 | <10 | 4 |
| OB2057 | | <0.01 | <10 | <10 | 1 | <10 | 6 |
| OB2058 | | <0.01 | <10 | <10 | 3 | <10 | 22 |
| OB2059 | | <0.01 | <10 | <10 | 2 | <10 | 32 |
| OB2060 | | <0.01 | <10 | <10 | 1 | <10 | 15 |
| OB2061 | | <0.01 | <10 | <10 | 1 | <10 | 2 |
| OB2062 | | <0.01 | <10 | <10 | 1 | <10 | 11 |
| OB2063 | | <0.01 | <10 | <10 | 2 | <10 | 16 |
| OB2064 | | <0.01 | <10 | <10 | 1 | <10 | 27 |
| OB2065 | | <0.01 | <10 | <10 | 2 | <10 | 38 |
| OB2066 | | <0.01 | <10 | <10 | 1 | <10 | 9 |
| OB2067 | | <0.01 | <10 | <10 | 2 | <10 | 5 |
| OB2068 | | <0.01 | <10 | <10 | 1 | <10 | 7 |
| OB2069 | | <0.01 | <10 | <10 | 2 | <10 | 5 |
| OB2070 | | <0.01 | <10 | <10 | 19 | <10 | 14 |
| OB2071 | | <0.01 | <10 | <10 | 1 | <10 | 8 |
| OB2072 | | <0.01 | <10 | <10 | 2 | <10 | 28 |
| OB2073 | | <0.01 | <10 | <10 | 2 | <10 | 16 |
| OB2074 | | <0.01 | <10 | <10 | 2 | <10 | 11 |
| OB2075 | | <0.01 | <10 | <10 | 9 | <10 | 6 |
| OB2076 | | <0.01 | <10 | <10 | 1 | <10 | 7 |
| OB2077 | | <0.01 | <10 | <10 | 1 | <10 | 9 |

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Page #: 1

Date : 2-Oct-2003

Account: NJY

CERTIFICATE VA03038299

Project : Cranbrook Gold

P.O. No:

This report is for 44 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 29-Sep-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

*Zinger-rock***SAMPLE PREPARATION**

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
104-135 10TH AVE S
CRANBROOK BC V1C 2N1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Page #: 3 - A
Total # of pages : 3 (A - C)
Date : 2-Oct-2003
Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS **VA03038299**

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| GD1456 | | 1.04 | 0.318 | <0.2 | 0.20 | <2 | <10 | 50 | <0.5 | <2 | 0.01 | <0.5 | 5 | 136 | 34 | 1.18 |
| GD1457 | | 1.12 | <0.005 | <0.2 | 0.12 | 2 | <10 | 20 | <0.5 | <2 | 1.14 | <0.5 | 2 | 227 | 1 | 0.53 |
| GD1458 | | 1.32 | <0.005 | <0.2 | 0.10 | 3 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 17 | 200 | 2 | 1.18 |



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Page #: 2 - B

Total # of pages : 3 (A - C)

Date : 2-Oct-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03038299

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 |
|--------------------|-----------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| OB2078 | | <10 | <1 | 0.13 | 10 | 0.02 | 14 | <1 | 0.01 | 4 | 60 | 5 | 0.01 | <2 | 1 | 3 |
| OB2079 | | <10 | <1 | 0.06 | 10 | 0.01 | 15 | 1 | <0.01 | 7 | 70 | 7 | 0.01 | 6 | <1 | 5 |
| OB2080 | | <10 | <1 | 0.08 | <10 | 0.01 | 9 | <1 | <0.01 | 8 | 80 | 8 | 0.01 | <2 | <1 | 1 |
| OB2081 | | <10 | <1 | 0.13 | 10 | 0.01 | 10 | <1 | 0.01 | 12 | 70 | 2 | <0.01 | <2 | <1 | 2 |
| OB2082 | | <10 | <1 | 0.06 | <10 | 0.01 | 13 | <1 | 0.01 | 8 | 60 | 3 | <0.01 | <2 | <1 | 1 |
| OB2083 | | <10 | <1 | 0.02 | 10 | 0.71 | 49 | <1 | 0.01 | 6 | 30 | <2 | <0.01 | <2 | <1 | 1 |
| OB2084 | | <10 | <1 | 0.11 | 20 | 0.02 | 22 | <1 | 0.01 | 4 | 110 | 2 | <0.01 | <2 | 1 | 1 |
| OB2085 | | <10 | <1 | 0.16 | 30 | 0.02 | 43 | <1 | 0.01 | 3 | 130 | <2 | <0.01 | <2 | 1 | 2 |
| OB2086 | | <10 | <1 | 0.12 | 20 | 0.01 | 76 | <1 | <0.01 | 3 | 80 | <2 | <0.01 | <2 | <1 | 1 |
| OB2087 | | <10 | <1 | 0.07 | 10 | 0.06 | 201 | 2 | <0.01 | 4 | 280 | 11 | <0.01 | <2 | 1 | 6 |
| OB2088 | | <10 | <1 | 0.05 | 20 | 0.01 | 33 | <1 | 0.02 | 2 | 80 | <2 | <0.01 | <2 | <1 | 1 |
| OB2089 | | <10 | <1 | 0.12 | 20 | 0.02 | 38 | <1 | <0.01 | 5 | 90 | 10 | 0.01 | <2 | <1 | 3 |
| OB2090 | | <10 | <1 | 0.13 | 20 | 0.02 | 17 | <1 | <0.01 | 9 | 120 | 22 | <0.01 | <2 | <1 | 1 |
| OB2091 | | <10 | <1 | 0.14 | 30 | 0.02 | 17 | <1 | <0.01 | 4 | 60 | 4 | <0.01 | <2 | <1 | 1 |
| OB2092 | | <10 | <1 | 0.10 | 10 | 0.01 | 37 | <1 | <0.01 | 5 | 90 | 3 | <0.01 | <2 | <1 | 1 |
| OB2093 | | <10 | <1 | 0.10 | 10 | 0.01 | 10 | 3 | <0.01 | 2 | 40 | 11 | <0.01 | <2 | <1 | 1 |
| OB2094 | | <10 | <1 | 0.14 | 20 | 0.01 | 37 | <1 | <0.01 | 5 | 90 | 5 | <0.01 | <2 | 1 | 1 |
| OB2095 | | <10 | <1 | 0.11 | 20 | 0.01 | 11 | <1 | 0.01 | 2 | 100 | 8 | <0.01 | <2 | <1 | 1 |
| OB2096 | | <10 | <1 | 0.11 | 20 | 0.01 | 9 | <1 | 0.01 | 2 | 50 | 3 | 0.02 | <2 | <1 | 2 |
| OB2097 | | <10 | <1 | 0.03 | 10 | 0.01 | 43 | <1 | 0.02 | 3 | 70 | <2 | <0.01 | <2 | 1 | 1 |
| OB2098 | | <10 | <1 | 0.14 | 10 | 0.02 | 67 | <1 | <0.01 | 4 | 80 | 2 | <0.01 | <2 | <1 | <1 |
| OB2099 | | <10 | <1 | 0.12 | 20 | 0.01 | 18 | <1 | <0.01 | 5 | 190 | <2 | <0.01 | <2 | <1 | 1 |
| OB2100 | | <10 | <1 | 0.13 | 20 | 0.01 | 17 | 1 | <0.01 | 6 | 210 | <2 | <0.01 | <2 | <1 | 1 |
| OB2101 | | <10 | <1 | 0.11 | 20 | 0.02 | 89 | <1 | <0.01 | 8 | 140 | 3 | <0.01 | <2 | <1 | 1 |
| OB2102 | | <10 | <1 | 0.17 | 30 | 0.02 | 44 | <1 | <0.01 | 5 | 140 | 4 | 0.01 | <2 | 1 | 1 |
| OB2104 | | <10 | <1 | 0.10 | 10 | 0.03 | 94 | <1 | 0.01 | 11 | 170 | 2 | 0.02 | <2 | 1 | 4 |
| OB2105 | | <10 | <1 | 0.12 | 10 | 0.02 | 72 | <1 | 0.01 | 6 | 180 | 7 | 0.01 | <2 | 1 | 2 |
| OB2106 | | <10 | <1 | 0.09 | 10 | 0.02 | 104 | <1 | <0.01 | 7 | 90 | 2 | <0.01 | <2 | 1 | 1 |
| OB2107A | | <10 | <1 | 0.10 | 20 | 0.05 | 128 | <1 | 0.02 | 5 | 100 | <2 | <0.01 | <2 | 1 | 3 |
| OB2107B | | <10 | <1 | 0.12 | 20 | 0.59 | 44 | 1 | <0.01 | 4 | 140 | <2 | 0.05 | <2 | <1 | 2 |
| OB2108 | | <10 | <1 | 0.03 | <10 | 0.01 | 23 | 2 | <0.01 | 8 | 70 | 27 | <0.01 | <2 | <1 | <1 |
| OB2109 | | <10 | <1 | 0.07 | 10 | 0.04 | 27 | <1 | 0.02 | 2 | 80 | 4 | <0.01 | <2 | <1 | 1 |
| OB2110 | | <10 | <1 | 0.01 | <10 | <0.01 | 19 | <1 | <0.01 | 4 | 20 | <2 | 0.04 | <2 | <1 | 1 |
| OB2111 | | <10 | <1 | 0.10 | 20 | 0.03 | 99 | <1 | 0.02 | 4 | 100 | 4 | <0.01 | <2 | 1 | 1 |
| OB2112 | | <10 | <1 | 0.08 | 20 | 0.03 | 24 | <1 | 0.03 | 3 | 80 | 2 | <0.01 | <2 | 1 | 2 |
| GD1451 | | <10 | <1 | 0.17 | 20 | 0.01 | 163 | <1 | 0.01 | 4 | 90 | 3 | 0.01 | <2 | <1 | 3 |
| GD1452 | | <10 | <1 | 0.16 | 20 | 0.01 | 28 | <1 | 0.01 | 4 | 130 | <2 | 0.01 | <2 | <1 | 2 |
| GD1453 | | <10 | <1 | 0.12 | 10 | 0.01 | 34 | <1 | <0.01 | 2 | 50 | 6 | <0.01 | <2 | <1 | 1 |
| GD1454 | | <10 | <1 | 0.13 | 20 | 0.01 | 26 | <1 | <0.01 | 2 | 50 | 3 | <0.01 | <2 | <1 | 1 |
| GD1455 | | <10 | <1 | 0.09 | 20 | 0.02 | 53 | <1 | 0.02 | 5 | 100 | 2 | <0.01 | <2 | <1 | 2 |

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Page #: 3 - B

Total # of pages : 3 (A - C)

Date : 2-Oct-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03038299

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|----------|-----------|-----------|-----------|----------|----------|-----------|----------|-----------|----------|-----------|----------|----------|
| | | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc |
| | | ppm 10 | ppm 1 | % 0.01 | ppm 10 | % 0.01 | ppm 5 | ppm 1 | % 0.01 | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 | ppm 1 |
| GD1456 | | <10 | <1 | 0.14 | 30 | 0.02 | 214 | <1 | <0.01 | 5 | 170 | 2 | <0.01 | <2 | 1 |
| GD1457 | | <10 | <1 | 0.08 | <10 | 0.60 | 138 | <1 | 0.01 | 4 | 60 | 3 | <0.01 | <2 | 1 |
| GD1458 | | <10 | <1 | 0.07 | 20 | 0.01 | 15 | <1 | 0.01 | 9 | 140 | 3 | 0.01 | <2 | <1 |

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Page # 2 - C

Total # of pages : 3 (A - C)

Date : 2-Oct-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03038299

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------------|-----------------|----------------|---------------|----------------|----------------|
| | | Ti % 0.01 | Ti ppm 10 | U ppm 10 | V ppm 1 | W ppm 10 | Zn ppm 2 |
| OB2078 | | <0.01 | <10 | <10 | 2 | <10 | 9 |
| OB2079 | | <0.01 | <10 | <10 | 1 | <10 | 4 |
| OB2080 | | <0.01 | <10 | <10 | 1 | <10 | 2 |
| OB2081 | | <0.01 | <10 | <10 | 1 | <10 | 3 |
| OB2082 | | <0.01 | <10 | <10 | 1 | <10 | 3 |
| OB2083 | | <0.01 | <10 | <10 | 2 | <10 | 14 |
| OB2084 | | <0.01 | <10 | <10 | 1 | <10 | 15 |
| OB2085 | | <0.01 | <10 | <10 | 2 | <10 | 15 |
| OB2086 | | <0.01 | <10 | <10 | 1 | <10 | 5 |
| OB2087 | | <0.01 | <10 | <10 | 1 | <10 | 29 |
| OB2088 | | <0.01 | <10 | <10 | 1 | <10 | 7 |
| OB2089 | | <0.01 | <10 | <10 | 1 | <10 | 14 |
| OB2090 | | <0.01 | <10 | <10 | 1 | <10 | 14 |
| OB2091 | | <0.01 | <10 | <10 | 1 | <10 | 12 |
| OB2092 | | <0.01 | <10 | <10 | 1 | <10 | 12 |
| OB2093 | | <0.01 | <10 | <10 | 1 | <10 | 12 |
| OB2094 | | <0.01 | <10 | <10 | 1 | <10 | 7 |
| OB2095 | | <0.01 | <10 | <10 | 1 | <10 | 2 |
| OB2096 | | <0.01 | <10 | <10 | 1 | <10 | 2 |
| OB2097 | | <0.01 | <10 | <10 | 1 | <10 | 6 |
| OB2098 | | <0.01 | <10 | <10 | 1 | <10 | 11 |
| OB2099 | | <0.01 | <10 | <10 | 1 | <10 | 11 |
| OB2100 | | <0.01 | <10 | <10 | 2 | <10 | 8 |
| OB2101 | | <0.01 | <10 | <10 | 1 | <10 | 14 |
| OB2102 | | <0.01 | <10 | <10 | 1 | <10 | 13 |
| OB2104 | | <0.01 | <10 | <10 | 1 | <10 | 9 |
| OB2105 | | <0.01 | <10 | <10 | 2 | <10 | 22 |
| OB2106 | | <0.01 | <10 | <10 | 1 | <10 | 23 |
| OB2107A | | <0.01 | <10 | <10 | 1 | <10 | 15 |
| OB2107B | | <0.01 | <10 | <10 | 2 | <10 | 8 |
| OB2108 | | <0.01 | <10 | <10 | 1 | <10 | 14 |
| OB2109 | | <0.01 | <10 | <10 | 1 | <10 | 25 |
| OB2110 | | <0.01 | <10 | <10 | <1 | <10 | 2 |
| OB2111 | | <0.01 | <10 | <10 | 2 | <10 | 13 |
| OB2112 | | <0.01 | <10 | <10 | 1 | <10 | 8 |
| GD1451 | | <0.01 | <10 | <10 | 1 | <10 | 18 |
| GD1452 | | <0.01 | <10 | <10 | 1 | <10 | 9 |
| GD1453 | | <0.01 | <10 | <10 | <1 | <10 | 4 |
| GD1454 | | <0.01 | <10 | <10 | 1 | <10 | 4 |
| GD1455 | | <0.01 | <10 | <10 | 1 | <10 | 13 |



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Page #: 3 - C

Total # of pages : 3 (A - C)

Date : 2-Oct-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS

VA03038299

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|----------|----------|----------|----------|----------|
| | | Ti | Ti | U | V | W | Zn |
| | | % | ppm | ppm | ppm | ppm | ppm |
| | | 0.01 | 10 | 10 | 1 | 10 | 2 |
| GD1456 | | <0.01 | <10 | <10 | 1 | <10 | 22 |
| GD1457 | | <0.01 | <10 | <10 | 2 | <10 | 6 |
| GD1458 | | <0.01 | <10 | <10 | 1 | <10 | 4 |

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Page #: 1

Date : 6-Oct-2003

Account: NJY

CERTIFICATE VA03038861

Project : Cranbrook Gold

P.O. No:

This report is for 13 ~~DRILL CORE~~ ^{rock} samples submitted to our lab in North Vancouver, BC, Canada on 1-Oct-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

ZINGER ROCK.

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
104-135 10TH AVE S
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

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Page #: 2 - A

Total # of pages : 2 (A - C)

Date : 6-Oct-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03038861

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| GD 1459 | | 1.28 | 0.817 | <0.2 | 0.13 | <2 | <10 | 60 | <0.5 | <2 | 0.01 | <0.5 | 1 | 203 | 4 | 0.55 |
| GD 1460 | | 1.14 | 0.060 | <0.2 | 0.10 | <2 | <10 | 20 | <0.5 | <2 | 0.01 | <0.5 | 1 | 271 | 4 | 0.47 |
| GD 1481 | | 1.20 | 0.553 | 0.3 | 0.68 | <2 | <10 | 20 | <0.5 | <2 | 0.02 | <0.5 | 5 | 229 | 5 | 1.48 |
| OB 2113 | | 1.30 | <0.005 | <0.2 | 0.31 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 1 | 222 | 1 | 0.57 |
| OB 2114 | | 1.44 | 0.148 | <0.2 | 0.27 | <2 | <10 | 30 | <0.5 | <2 | <0.01 | <0.5 | 1 | 117 | 2 | 0.66 |
| OB 2115 | | 1.34 | 0.623 | 0.2 | 0.37 | <2 | <10 | 30 | <0.5 | <2 | <0.01 | <0.5 | 2 | 204 | 2 | 1.04 |
| OB 2116 | | 1.02 | 0.307 | <0.2 | 0.31 | <2 | <10 | 320 | <0.5 | <2 | <0.01 | <0.5 | 1 | 125 | 1 | 0.80 |
| OB 2117 | | 1.38 | 0.159 | <0.2 | 0.14 | <2 | <10 | 60 | <0.5 | <2 | <0.01 | <0.5 | 1 | 242 | 4 | 0.53 |
| OB 2118 | | 1.32 | 0.077 | <0.2 | 0.09 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 1 | 222 | 2 | 0.46 |
| OB 2119 | | 1.60 | <0.005 | <0.2 | 0.47 | <2 | <10 | 40 | <0.5 | <2 | 0.01 | <0.5 | 1 | 141 | 1 | 0.39 |
| OB 2120 | | 1.34 | <0.005 | <0.2 | 0.22 | <2 | <10 | 40 | <0.5 | <2 | 0.02 | <0.5 | 2 | 149 | 1 | 0.78 |
| OB 2121 | | 1.94 | <0.005 | <0.2 | 0.07 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 240 | 2 | 0.49 |
| OB 2122 | | 1.06 | <0.005 | <0.2 | 0.05 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 2 | 374 | 1 | 0.62 |

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Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS**VA03038861**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | Ga ppm 10 | Hg ppm 1 | K % 0.01 | La ppm 10 | Mg % 0.01 | Mn ppm 5 | Mo ppm 1 | Na % 0.01 | Ni ppm 1 | P ppm 10 | Pb ppm 2 | S % 0.01 | Sb ppm 2 | Sc ppm 1 | Sr ppm 1 |
| GD 1459 | | <10 | <1 | 0.09 | 10 | 0.01 | 19 | 1 | <0.01 | 4 | 70 | 3 | 0.01 | <2 | <1 | 1 |
| GD 1460 | | <10 | <1 | 0.07 | 10 | 0.01 | 17 | 1 | <0.01 | 4 | 80 | 3 | <0.01 | <2 | <1 | 1 |
| GD 1461 | | <10 | <1 | 0.17 | 10 | 0.60 | 98 | 1 | <0.01 | 9 | 230 | 9 | <0.01 | <2 | 1 | 1 |
| OB 2113 | | <10 | <1 | 0.07 | 10 | 0.01 | 28 | 1 | 0.05 | 4 | 110 | 2 | <0.01 | <2 | <1 | 2 |
| OB 2114 | | <10 | <1 | 0.18 | 20 | 0.02 | 73 | 2 | <0.01 | 4 | 90 | 4 | <0.01 | <2 | <1 | 1 |
| OB 2115 | | <10 | <1 | 0.24 | 10 | 0.03 | 99 | 1 | <0.01 | 4 | 90 | 6 | 0.01 | <2 | 1 | 1 |
| OB 2116 | | <10 | <1 | 0.22 | 10 | 0.02 | 17 | 1 | <0.01 | 4 | 90 | 9 | 0.01 | <2 | <1 | 2 |
| OB 2117 | | <10 | <1 | 0.09 | <10 | 0.01 | 25 | 1 | <0.01 | 4 | 60 | 3 | <0.01 | <2 | <1 | 1 |
| OB 2118 | | <10 | <1 | 0.08 | <10 | 0.01 | 53 | 1 | <0.01 | 6 | 30 | <2 | <0.01 | <2 | <1 | <1 |
| OB 2119 | | <10 | <1 | 0.22 | 10 | 0.18 | 18 | <1 | <0.01 | 7 | 50 | <2 | <0.01 | <2 | <1 | 1 |
| OB 2120 | | <10 | <1 | 0.08 | 20 | 0.03 | 56 | <1 | 0.07 | 4 | 60 | <2 | <0.01 | <2 | 1 | 3 |
| OB 2121 | | <10 | <1 | 0.05 | 10 | <0.01 | 17 | 1 | <0.01 | 5 | 40 | <2 | <0.01 | <2 | <1 | 1 |
| OB 2122 | | <10 | <1 | 0.01 | <10 | <0.01 | 194 | 1 | 0.01 | 6 | 20 | 4 | <0.01 | <2 | <1 | 2 |

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Total # of pages : 2 (A - C)

Date : 6-Oct-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03038861

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|-----------|----------|----------|----------|-----------|
| | | Ti % | Ti ppm | U ppm | V ppm | W ppm | Zn ppm |
| | | 0.01 | 10 | 10 | 1 | 10 | 2 |
| GD 1459 | | <0.01 | <10 | <10 | 2 | <10 | 4 |
| GD 1460 | | <0.01 | <10 | <10 | 1 | <10 | 2 |
| GD 1461 | | 0.01 | <10 | <10 | 5 | <10 | 30 |
| OB 2113 | | <0.01 | <10 | <10 | 2 | <10 | 4 |
| OB 2114 | | <0.01 | <10 | <10 | 2 | <10 | 6 |
| OB 2115 | | <0.01 | <10 | <10 | 2 | <10 | 7 |
| OB 2116 | | <0.01 | <10 | <10 | 2 | <10 | 4 |
| OB 2117 | | <0.01 | <10 | <10 | 1 | <10 | 2 |
| OB 2118 | | <0.01 | <10 | <10 | 1 | <10 | 3 |
| OB 2119 | | <0.01 | <10 | <10 | 3 | <10 | 7 |
| OB 2120 | | <0.01 | <10 | <10 | 3 | <10 | 6 |
| OB 2121 | | <0.01 | <10 | <10 | 1 | <10 | <2 |
| OB 2122 | | <0.01 | <10 | <10 | 1 | <10 | 4 |

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Page #: 1

Date : 17-Oct-2003

Account: NJY

CERTIFICATE VA03039081

Project : Cranbrook Gold

P.O. No:

This report is for 2 PULP samples submitted to our lab in North Vancouver, BC, Canada on 6-Oct-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

*Zinger-rock***SAMPLE PREPARATION**

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| FND-02 | Find Sample for Addn Analysis |
| SPL-21 | Split sample - riffle splitter |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

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Date : 17-Oct-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03039081

| Sample Description | Method Analyte Units LOR | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-AA25 | Au-AA25D |
|--------------------|-----------------------------------|----------|----------|----------|----------|----------|----------|---------|----------|
| | | Au Total | Au (+) F | Au (-) F | Au (+) m | WT. + Fr | WT. - Fr | Au | Au |
| | | ppm | ppm | ppm | mg | g | g | ppm | ppm |
| | | 0.05 | 0.05 | 0.05 | 0.001 | 0.01 | 0.1 | 0.01 | 0.01 |
| OB1945 | | 3.09 | 29.6 | 2.68 | 0.542 | 18.33 | 1194.5 | 2.65 | 2.71 |
| OB1948 | | 6.60 | 74.2 | 6.08 | 0.879 | 11.85 | 1546.5 | 6.62 | 5.54 |



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Page #: 1
Date : 17-Oct-2003
Account: NJY

CERTIFICATE VA03037878

Project : Cranbrook Gold

P.O. No:

This report is for 4 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 9-Oct-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

ZINGER Rock.

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

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Date : 17-Oct-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03037878

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| GD1480 | | 1.24 | <0.005 | <0.2 | 0.11 | 4 | <10 | 10 | <0.5 | <2 | 0.11 | <0.5 | 5 | 340 | 3 | 1.52 |
| OB2167 | | 1.12 | 0.008 | <0.2 | 0.16 | <2 | <10 | 140 | <0.5 | <2 | 0.02 | <0.5 | 4 | 317 | 1 | 1.62 |
| OB2168 | | 1.12 | 0.506 | 0.3 | 0.16 | 80 | <10 | 30 | <0.5 | 3 | <0.01 | <0.5 | 16 | 170 | 4 | 12.35 |
| OB2169 | | 1.00 | 9.67 | 3.6 | 0.07 | <2 | <10 | 20 | <0.5 | 7 | <0.01 | <0.5 | 9 | 280 | 49 | 2.00 |

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Date : 17-Oct-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03037878

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|----------|-----------|-----------|-----------|----------|----------|-----------|----------|-----------|----------|-----------|----------|----------|
| | | Ga | Hg | K | La | Mg | Mn | Mo | Na | NI | P | Pb | S | Sb | Sc |
| | | ppm 10 | ppm 1 | % 0.01 | ppm 10 | % 0.01 | ppm 5 | ppm 1 | % 0.01 | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 | ppm 1 |
| GD1480 | | <10 | <1 | 0.06 | 10 | 0.07 | 148 | 2 | <0.01 | 12 | 50 | <2 | 0.01 | <2 | 1 |
| OB2167 | | <10 | <1 | 0.11 | 10 | 0.02 | 824 | 1 | <0.01 | 6 | 240 | 3 | <0.01 | <2 | 1 |
| OB2168 | | <10 | <1 | 0.07 | <10 | 0.02 | 204 | 19 | <0.01 | 15 | 1140 | 78 | 0.09 | <2 | 3 |
| OB2169 | | <10 | <1 | 0.05 | <10 | 0.01 | 46 | 1 | <0.01 | 10 | 80 | 47 | 0.17 | 2 | <1 |

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Date : 17-Oct-2003

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Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS**VA03037878**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|----------|----------|----------|----------|----------|
| | | Ti | Ti | U | V | W | Zn |
| | | % | ppm | ppm | ppm | ppm | ppm |
| | | 0.01 | 10 | 10 | 1 | 10 | 2 |
| GD1480 | | <0.01 | <10 | <10 | 2 | <10 | 18 |
| OB2167 | | <0.01 | <10 | <10 | 3 | <10 | 23 |
| OB2168 | | <0.01 | <10 | <10 | 6 | <10 | 81 |
| OB2169 | | <0.01 | <10 | <10 | 1 | <10 | 31 |

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Date: 17-Oct-2003
Account: NJY**CERTIFICATE VA03039082**

Project : Cranbrook Gold

P.O. No:

This report is for 3 PULP samples submitted to our lab in North Vancouver, BC, Canada
on 6-Oct-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

*Zinger-rock***SAMPLE PREPARATION**

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| FND-02 | Find Sample for Addn Analysis |
| SPL-21 | Split sample - riffle splitter |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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CERTIFICATE OF ANALYSIS**VA03039082**

| Sample Description | Method Analyte Units LOR | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-AA25 | Au-AA25D | Au-AA25D |
|--------------------|-----------------------------------|----------|----------|----------|----------|----------|----------|---------|----------|----------|
| | | Au Total | Au (+) F | Au (-) F | Au (+) m | WT. + Fr | WT. - Fr | Au | Au | Au Check |
| | | ppm | ppm | ppm | mg | g | g | ppm | ppm | ppm |
| | | 0.05 | 0.05 | 0.05 | 0.001 | 0.01 | 0.1 | 0.01 | 0.01 | 0.01 |
| OB1960 | | 4.94 | 46.7 | 4.75 | 0.209 | 4.48 | 972.3 | 4.73 | 4.78 | |
| OB1961 | | 2.84 | 39.7 | 2.02 | 1.246 | 31.35 | 1410.0 | 2.25 | 1.78 | |
| OB1985 | | 4.49 | 142.0 | 3.23 | 1.912 | 13.47 | 1471.5 | 3.52 | 2.52 | 3.66 |

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Account: NJY

CERTIFICATE VA03039083

Project : Cranbrook Gold

P.O. No:

This report is for 1 PULP sample submitted to our lab in North Vancouver, BC, Canada on 6-Oct-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

*Zinger-rock***SAMPLE PREPARATION**

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| FND-02 | Find Sample for Addn Analysis |
| SPL-21 | Split sample - riffle splitter |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

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Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03039083

| Sample Description | Method Analyte Units LOR | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-AA25 | Au-AA25D |
|--------------------|-----------------------------------|----------|----------|----------|----------|----------|----------|---------|----------|
| | | Au Total | Au (+) F | Au (-) F | Au (+) m | WT. + Fr | WT. - Fr | Au | Au |
| | | ppm | ppm | ppm | mg | g | g | ppm | ppm |
| | | 0.05 | 0.05 | 0.05 | 0.001 | 0.01 | 0.1 | 0.01 | 0.01 |
| OB2005 | | 2.30 | 0.44 | 2.33 | 0.006 | 13.50 | 718.6 | 2.43 | 2.23 |

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Date : 17-Oct-2003

Account: NJY

CERTIFICATE VA03039084

Project : Cranbrook Gold

P.O. No:

This report is for 1 PULP sample submitted to our lab in North Vancouver, BC, Canada on 6-Oct-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

*Zinger-rock***SAMPLE PREPARATION**

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| FND-02 | Find Sample for Addn Analysis |
| SPL-21 | Split sample - riffle splitter |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

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Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS

VA03039084

| Sample Description | Method Analyte Units LOR | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-AA25 | Au-AA25D |
|--------------------|-----------------------------------|-------------|-------------|-------------|-------------|-----------|----------|-------------|-------------|
| | | Au Total | Au (+) F | Au (-) F | Au (+) m | WT. + Fr | WT. - Fr | Au | Au |
| | | ppm 0.05 | ppm 0.05 | ppm 0.05 | mg 0.001 | g 0.01 | g 0.1 | ppm 0.01 | ppm 0.01 |
| OB2030 | | 4.71 | 11.20 | 4.69 | 0.036 | 3.21 | 960.8 | 4.63 | 4.74 |
| ZINGER | | | | | | | | | |

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Page #: 1

Date : 17-Oct-2003

Account: NJY

CERTIFICATE VA03039085

Project : Cranbrook Gold

P.O. No:

This report is for 2 PULP samples submitted to our lab in North Vancouver, BC, Canada on 6-Oct-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

*Zinger-rock***SAMPLE PREPARATION**

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| FND-02 | Find Sample for Addn Analysis |
| SPL-21 | Split sample - riffle splitter |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
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Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03039085

| Sample Description | Method Analyte Units LOR | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-AA25 | Au-AA25D |
|--------------------|-----------------------------------|-------------|-------------|-------------|-------------|-----------|----------|-------------|-------------|
| | | Au Total | Au (+) F | Au (-) F | Au (+) m | WT. + Fr | WT. - Fr | Au | Au |
| | | ppm 0.05 | ppm 0.05 | ppm 0.05 | mg 0.001 | g 0.01 | g 0.1 | ppm 0.01 | ppm 0.01 |
| OB2090 | | 3.67 | 21.7 | 3.22 | 0.469 | 21.57 | 874.4 | 3.23 | 3.21 |
| OB2093 | | 3.14 | 3.39 | 3.14 | 0.059 | 17.41 | 1038.5 | 3.34 | 2.93 |

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Page #: 1

Date : 8-Oct-2003

Account: NJY

CERTIFICATE VA03039141

Project : Cranbrook Gold

P.O. No:

This report is for 24 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 2-Oct-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

*Zinger-rock***SAMPLE PREPARATION**

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rod w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Cu-AA46 | Ore grade Cu - aqua regia/AA | AAS |
| Pb-AA46 | Ore grade Pb - aqua regia/AA | AAS |
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
104-135 10TH AVE S
CRANBROOK BC V1C 2N1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

**ALS Chemex****EXCELLENCE IN ANALYTICAL CHEMISTRY**

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To: CHAPLEAU RESOURCES
104-135 10TH AVE S
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Page #: 2 - B

Total # of pages : 2 (A - C)

Date : 8-Oct-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03039141

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 |
|--------------------|-----------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| GD 1481 | | <10 | <1 | 0.06 | 20 | 0.01 | 65 | 1 | 0.03 | 4 | 90 | 48 | <0.01 | <2 | 1 | 3 |
| GD 1482 | | <10 | <1 | 0.10 | 10 | 0.01 | 64 | 1 | 0.02 | 4 | 70 | 3 | <0.01 | <2 | 1 | 3 |
| GD 1483 | | <10 | <1 | <0.01 | <10 | 0.23 | 114 | 2 | <0.01 | 10 | 60 | 1080 | 1.19 | 8 | 2 | 12 |
| GD 1484 | | 10 | <1 | 0.14 | 10 | 0.65 | 368 | 2 | 0.01 | 14 | 100 | 4 | <0.01 | <2 | 2 | 19 |
| GD 1485 | | <10 | <1 | 0.04 | <10 | 0.11 | 198 | 1 | <0.01 | 6 | 30 | 48 | <0.01 | <2 | 2 | 5 |
| GD 1486 | | <10 | <1 | 0.02 | 10 | 0.23 | 232 | 1 | <0.01 | 6 | 40 | 8 | <0.01 | <2 | 2 | 8 |
| GD 1487 | | 10 | <1 | 0.09 | <10 | 3.73 | 1030 | 3 | 0.01 | 11 | 760 | 8 | <0.01 | <2 | 12 | 154 |
| GD 1488 | | 10 | <1 | 0.10 | 20 | 0.61 | 221 | <1 | 0.01 | 8 | 290 | 2 | <0.01 | <2 | 1 | 14 |
| GD 1489 | | <10 | <1 | 0.12 | 10 | 0.55 | 252 | <1 | <0.01 | 4 | 220 | 2 | <0.01 | <2 | 1 | 14 |
| GD 1470 | | <10 | <1 | 0.12 | 10 | 0.02 | 329 | 1 | 0.01 | 8 | 8090 | 3 | <0.01 | <2 | 3 | 20 |
| GD 1471 | | <10 | <1 | 0.07 | <10 | 0.06 | 46 | 3 | <0.01 | 4 | 80 | 5 | <0.01 | <2 | <1 | 1 |
| OB 2123 | | <10 | <1 | 0.01 | <10 | <0.01 | 22 | 2 | <0.01 | 5 | 170 | >10000 | 0.75 | 22 | <1 | 4 |
| OB 2124 | | <10 | <1 | 0.06 | 20 | 0.04 | 123 | 1 | 0.02 | 5 | 100 | 170 | 0.01 | <2 | 1 | 2 |
| OB 2125 | | <10 | <1 | 0.05 | 10 | 0.02 | 112 | 1 | 0.02 | 4 | 50 | 136 | <0.01 | <2 | <1 | 3 |
| OB 2126 | | <10 | <1 | 0.03 | <10 | 0.02 | 87 | 1 | 0.01 | 6 | 80 | 20 | <0.01 | <2 | <1 | 2 |
| OB 2127 | | <10 | <1 | 0.11 | 20 | 0.01 | 18 | 1 | <0.01 | 3 | 50 | 23 | 0.01 | <2 | <1 | 1 |
| OB 2128 | | <10 | <1 | 0.03 | <10 | 0.01 | 33 | 1 | <0.01 | 5 | 60 | 5 | <0.01 | <2 | 1 | 2 |
| OB 2129 | | <10 | <1 | 0.10 | 20 | 0.02 | 140 | 1 | <0.01 | 5 | 110 | 19 | <0.01 | <2 | 1 | 1 |
| OB 2130 | | 10 | <1 | 0.05 | 10 | 1.42 | 50 | <1 | <0.01 | 11 | 110 | 4 | 0.01 | <2 | <1 | 1 |
| OB 2131 | | <10 | <1 | 0.04 | 10 | 0.03 | 67 | 1 | 0.01 | 8 | 220 | 12 | <0.01 | <2 | 1 | 2 |
| OB 2132 | | <10 | <1 | 0.11 | 10 | 0.02 | 93 | 1 | <0.01 | 31 | 120 | 5 | 0.01 | <2 | <1 | 1 |
| OB 2133 | | <10 | <1 | 0.09 | <10 | 0.02 | 68 | 1 | <0.01 | 31 | 90 | 10 | 0.01 | <2 | <1 | 1 |
| OB 2134 | | <10 | <1 | 0.01 | <10 | 0.04 | 53 | 1 | 0.01 | 4 | 40 | 5 | <0.01 | <2 | <1 | 1 |
| OB 2135 | | <10 | <1 | 0.07 | 10 | 0.02 | 79 | <1 | <0.01 | 6 | 40 | 5 | <0.01 | <2 | <1 | 1 |



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104-135 10TH AVE S
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Page #: 2 - C

Total # of pages: 2 (A - C)

Date: 8-Oct-2003

Account: NJY

Project: Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03039141

| Sample Description | Method Analyte Units LOR | ME-ICP41 TI % 0.01 | ME-ICP41 TI ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 | Pb-AA46 Pb % 0.01 | Cu-AA46 Cu % 0.01 |
|--------------------|-----------------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| GD 1461 | | <0.01 | <10 | <10 | 2 | <10 | 104 | | |
| GD 1462 | | <0.01 | <10 | <10 | 2 | <10 | 5 | | |
| GD 1463 | | <0.01 | <10 | <10 | 2 | <10 | 74 | | 1.51 |
| GD 1464 | | <0.01 | <10 | 10 | 6 | <10 | 31 | | |
| GD 1465 | | <0.01 | <10 | <10 | 3 | <10 | 15 | | |
| GD 1466 | | <0.01 | <10 | <10 | 3 | <10 | 14 | | |
| GD 1467 | | <0.01 | <10 | <10 | 13 | <10 | 34 | | |
| GD 1468 | | <0.01 | <10 | <10 | 2 | <10 | 16 | | |
| GD 1469 | | <0.01 | <10 | 10 | 3 | <10 | 6 | | |
| GD 1470 | | 0.01 | <10 | <10 | 125 | <10 | 56 | | |
| GD 1471 | | <0.01 | <10 | <10 | 1 | <10 | 11 | | |
| OB 2123 | | <0.01 | <10 | <10 | 1 | <10 | 114 | 3.82 | |
| OB 2124 | | <0.01 | <10 | <10 | 1 | <10 | 16 | | |
| OB 2125 | | <0.01 | <10 | <10 | 2 | <10 | 5 | | |
| OB 2126 | | <0.01 | <10 | <10 | 1 | <10 | 6 | | |
| OB 2127 | | <0.01 | <10 | <10 | 1 | <10 | <2 | | |
| OB 2128 | | <0.01 | <10 | <10 | 1 | <10 | 4 | | |
| OB 2129 | | <0.01 | <10 | <10 | 1 | <10 | 15 | | |
| OB 2130 | | <0.01 | <10 | <10 | 4 | <10 | 63 | | |
| OB 2131 | | <0.01 | <10 | <10 | 1 | <10 | 17 | | |
| OB 2132 | | <0.01 | <10 | <10 | 1 | <10 | 8 | | |
| OB 2133 | | <0.01 | <10 | <10 | 1 | <10 | 7 | | |
| OB 2134 | | <0.01 | <10 | <10 | 2 | <10 | 5 | | |
| OB 2135 | | <0.01 | <10 | <10 | <1 | <10 | 10 | | |

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Page #: 1

Date : 13-Oct-2003

Account: NJY

CERTIFICATE VA03039239

Project : Cranbrook Gold

P.O. No:

This report is for 15 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 3-Oct-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

*Zinger-rock***SAMPLE PREPARATION**

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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Signature:



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Page #: 2 - B

Total # of pages : 2 (A - C)

Date : 13-Oct-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03039239

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|-----------|----------|-----------|-----------|-----------|----------|----------|-----------|----------|-----------|----------|-----------|----------|----------|
| | | Fe | Ga | Hg | K | La | Mg | Mn | Mo | Na | NI | P | Pb | S | Sb | Sc |
| | | % 0.01 | ppm 10 | ppm 1 | % 0.01 | ppm 10 | % 0.01 | ppm 5 | ppm 1 | % 0.01 | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 | ppm 1 |
| OB 2136 | | 0.85 | <10 | <1 | 0.08 | 10 | 0.05 | 81 | <1 | 0.03 | 3 | 110 | 4 | 0.01 | <2 | <1 |
| OB 2137 | | 0.68 | <10 | <1 | 0.06 | 20 | 0.06 | 56 | <1 | 0.04 | 2 | 100 | 2 | 0.01 | <2 | <1 |
| OB 2138 | | 1.20 | <10 | <1 | 0.06 | 20 | 0.02 | 98 | <1 | 0.03 | 4 | 220 | 2 | 0.01 | <2 | 1 |
| OB 2139 | | 3.11 | <10 | <1 | 0.02 | <10 | 0.21 | 174 | <1 | 0.01 | 25 | 20 | 14 | 0.73 | <2 | 1 |
| OB 2140 | | 5.15 | <10 | <1 | 0.03 | <10 | 0.52 | 44 | <1 | 0.01 | 75 | 10 | 12 | 3.02 | <2 | 1 |
| OB 2141 | | 0.77 | <10 | <1 | 0.05 | 10 | 0.06 | 188 | <1 | 0.03 | 4 | 100 | 2 | 0.01 | <2 | <1 |
| OB 2142 | | 1.09 | <10 | <1 | 0.23 | 30 | 0.04 | 68 | 3 | 0.01 | 5 | 90 | 3 | <0.01 | <2 | 1 |
| OB 2143 | | 0.80 | <10 | <1 | 0.08 | 10 | 0.10 | 50 | 1 | 0.01 | 4 | 80 | 5 | <0.01 | <2 | 1 |
| OB 2144 | | 0.67 | <10 | <1 | 0.06 | 10 | 0.08 | 39 | <1 | 0.01 | 3 | 70 | 890 | 0.01 | <2 | 1 |
| GD 1472 | | 0.61 | <10 | <1 | 0.12 | 10 | 0.01 | 86 | <1 | 0.01 | 4 | 50 | 4 | <0.01 | <2 | <1 |
| GD 1473 | | 0.29 | <10 | <1 | 0.18 | 40 | 0.02 | 194 | <1 | <0.01 | 1 | 100 | 2 | <0.01 | <2 | <1 |
| GD 1474 | | 3.63 | <10 | <1 | 0.06 | 10 | 1.46 | 114 | <1 | 0.01 | 17 | 160 | 19 | 0.39 | <2 | 3 |
| GD 1475 | | 1.63 | <10 | <1 | 0.23 | 30 | 1.28 | 535 | 2 | 0.01 | 16 | 730 | 8 | 0.07 | <2 | 2 |
| GD 1476 | | 1.01 | <10 | <1 | 0.15 | 30 | 0.15 | 184 | <1 | 0.02 | 6 | 90 | 3 | <0.01 | <2 | 1 |
| GD 1477 | | 3.16 | <10 | <1 | 0.02 | <10 | 0.60 | 387 | <1 | 0.01 | 23 | 40 | 24 | 1.14 | <2 | 2 |

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Date : 13-Oct-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03039239

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|-----------|-----------|-----------|----------|-----------|----------|
| | | Sr | TI | TI | U | V | W | Zn |
| | | ppm 1 | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| OB 2136 | | 2 | <0.01 | <10 | <10 | 1 | <10 | 10 |
| OB 2137 | | 3 | <0.01 | <10 | <10 | 2 | <10 | 7 |
| OB 2138 | | 3 | <0.01 | <10 | <10 | 1 | <10 | 14 |
| OB 2139 | | 1 | <0.01 | <10 | <10 | 8 | <10 | 6 |
| OB 2140 | | 1 | <0.01 | <10 | <10 | 11 | <10 | 10 |
| OB 2141 | | 3 | <0.01 | <10 | <10 | 2 | <10 | 7 |
| OB 2142 | | 1 | <0.01 | <10 | <10 | 2 | <10 | 12 |
| OB 2143 | | 2 | <0.01 | <10 | <10 | 1 | <10 | 13 |
| OB 2144 | | 10 | <0.01 | <10 | <10 | 1 | <10 | 942 |
| GD 1472 | | 2 | <0.01 | <10 | <10 | 2 | <10 | 10 |
| GD 1473 | | 2 | <0.01 | <10 | <10 | 2 | <10 | 10 |
| GD 1474 | | 7 | <0.01 | <10 | <10 | 36 | <10 | 20 |
| GD 1475 | | 23 | <0.01 | <10 | <10 | 7 | <10 | 60 |
| GD 1476 | | 6 | <0.01 | <10 | <10 | 2 | <10 | 23 |
| GD 1477 | | 11 | <0.01 | <10 | <10 | 7 | <10 | 11 |

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Page #: 10

Date : 23-Oct-2003

Account: NJY

*Zinger-rock***CERTIFICATE VA03039503****SAMPLE PREPARATION**

Project : Cranbrook Gold

P.O. No:

This report is for 16 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 6-Oct-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

ALS CODE

DESCRIPTION

| | |
|--------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

ALS CODE

DESCRIPTION

INSTRUMENT

| | | |
|----------|-------------------------------|---------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

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Page #: 2 - A

Total # of pages : 2 (A - C)

Date : 23-Oct-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03039503

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | Au-AA24 Au Check ppm 0.005 | Au-AA24 Au Check ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|-------------------------------------|-------------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|
| OB 2145 | | 1.58 | <0.005 | | | <0.2 | 0.10 | <2 | <10 | 20 | <0.5 | <2 | 0.01 | <0.5 | 1 | 106 |
| OB 2146 | | 1.42 | 0.013 | | | <0.2 | 0.11 | <2 | <10 | 40 | <0.5 | <2 | 0.01 | <0.5 | 1 | 80 |
| OB 2147 | | 1.08 | <0.005 | | | <0.2 | 0.28 | <2 | <10 | 20 | <0.5 | <2 | 0.09 | <0.5 | 2 | 126 |
| OB 2148 | | 1.24 | <0.005 | | | <0.2 | 0.20 | <2 | <10 | 10 | <0.5 | <2 | 0.01 | <0.5 | 2 | 99 |
| OB 2149 | | 1.18 | <0.005 | | | <0.2 | 0.03 | <2 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 104 |
| OB 2150 | | 1.16 | <0.005 | | | <0.2 | 0.12 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 164 |
| OB 2151 | | 1.62 | <0.005 | | | <0.2 | 0.01 | <2 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | <1 | 144 |
| OB 2152 | | 1.40 | 0.008 | | | <0.2 | 0.03 | <2 | <10 | <10 | <0.5 | 2 | <0.01 | <0.5 | 27 | 183 |
| OB 2153 | | 1.62 | <0.005 | | | 0.2 | 0.02 | 7 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 41 | 170 |
| OB 2154 | | 1.28 | 3.30 | 1.335 | 5.97 | 0.2 | 0.13 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 4 | 124 |
| OB 2155 | | 1.38 | 0.143 | 0.051 | 0.040 | <0.2 | 0.12 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 2 | 108 |
| OB 2156 | | 1.30 | 0.019 | | 0.010 | <0.2 | 0.07 | 2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 3 | 220 |
| OB 2157 | | 1.50 | 0.275 | | 0.259 | 0.2 | 0.05 | 8 | <10 | 10 | 0.6 | 9 | <0.01 | <0.5 | 337 | 140 |
| OB 2158 | | 1.32 | <0.005 | | <0.005 | <0.2 | 0.02 | <2 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 128 |
| OB 2159 | | 1.52 | 0.058 | | | 1.0 | 0.04 | 24 | <10 | 10 | <0.5 | 5 | <0.01 | <0.5 | 201 | 178 |
| OB 2160 | | 1.18 | <0.005 | | | <0.2 | 0.02 | <2 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 174 |

Comments: Some samples in this set exhibits Au nugget effect.

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Date : 23-Oct-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03039503

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|
| | | Cu ppm 1 | Fe % 0.01 | Ga ppm 10 | Hg ppm 1 | K % 0.01 | La ppm 10 | Mg % 0.01 | Mn ppm 5 | Mo ppm 1 | Na % 0.01 | Ni ppm 1 | P ppm 10 | Pb ppm 2 | S % 0.01 | Sb ppm 2 |
| OB 2145 | | 1 | 0.45 | <10 | <1 | 0.06 | 10 | 0.01 | 73 | <1 | 0.01 | 1 | 70 | 2 | <0.01 | <2 |
| OB 2146 | | 1 | 0.65 | <10 | <1 | 0.06 | 20 | 0.01 | 64 | <1 | 0.02 | 1 | 90 | 2 | <0.01 | <2 |
| OB 2147 | | 1 | 0.52 | <10 | <1 | 0.04 | 10 | 0.14 | 75 | <1 | 0.02 | 2 | 50 | 2 | <0.01 | <2 |
| OB 2148 | | 1 | 0.48 | <10 | <1 | 0.05 | 10 | 0.08 | 55 | <1 | 0.02 | 2 | 30 | 2 | <0.01 | <2 |
| OB 2149 | | 2 | 0.40 | <10 | <1 | 0.02 | <10 | <0.01 | 20 | 1 | <0.01 | 2 | 30 | 3 | <0.01 | <2 |
| OB 2150 | | 2 | 0.37 | <10 | <1 | 0.05 | <10 | 0.05 | 26 | <1 | <0.01 | 2 | 40 | 3 | <0.01 | <2 |
| OB 2151 | | 2 | 0.25 | <10 | <1 | 0.01 | <10 | <0.01 | 13 | <1 | <0.01 | 1 | 10 | <2 | <0.01 | <2 |
| OB 2152 | | 3 | 1.55 | <10 | <1 | 0.02 | <10 | <0.01 | 14 | 1 | 0.01 | 9 | 60 | 5 | <0.01 | <2 |
| OB 2153 | | 14 | 1.76 | <10 | <1 | <0.01 | <10 | 0.01 | 18 | 1 | <0.01 | 17 | 120 | 64 | <0.01 | 3 |
| OB 2154 | | 5 | 1.40 | <10 | <1 | 0.10 | 30 | 0.01 | 11 | <1 | <0.01 | 2 | 170 | 4 | <0.01 | <2 |
| OB 2155 | | 3 | 0.52 | <10 | <1 | 0.08 | 20 | 0.01 | 18 | <1 | <0.01 | 4 | 90 | 6 | <0.01 | <2 |
| OB 2156 | | 6 | 1.26 | <10 | <1 | 0.02 | <10 | 0.01 | 94 | 1 | <0.01 | 6 | 170 | 23 | <0.01 | <2 |
| OB 2157 | | 16 | 6.54 | <10 | <1 | 0.01 | <10 | 0.01 | 77 | 1 | <0.01 | 37 | 340 | 42 | 0.01 | <2 |
| OB 2158 | | 1 | 0.23 | <10 | <1 | 0.01 | <10 | <0.01 | 10 | <1 | <0.01 | 2 | 10 | 2 | <0.01 | <2 |
| OB 2159 | | 7 | 3.00 | <10 | <1 | 0.01 | <10 | 0.01 | 36 | 1 | 0.01 | 33 | 160 | 42 | <0.01 | <2 |
| OB 2160 | | 2 | 0.34 | <10 | <1 | 0.02 | <10 | <0.01 | 19 | <1 | <0.01 | 3 | 10 | 2 | <0.01 | <2 |

Comments: Some samples in this set exhibits Au nugget effect.

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Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03039503

| Sample Description | Method Analyte Units LOR | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 | ME-ICP41 Ti % 0.01 | ME-ICP41 Ti ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 |
|--------------------|-----------------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|
| OB 2145 | | <1 | 1 | <0.01 | <10 | <10 | 1 | <10 | 10 |
| OB 2146 | | <1 | 1 | <0.01 | <10 | <10 | 2 | <10 | 5 |
| OB 2147 | | <1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 9 |
| OB 2148 | | <1 | 1 | <0.01 | <10 | <10 | 1 | <10 | 9 |
| OB 2149 | | <1 | <1 | <0.01 | <10 | <10 | 1 | <10 | 4 |
| OB 2150 | | <1 | 1 | <0.01 | <10 | <10 | 2 | <10 | 5 |
| OB 2151 | | <1 | 1 | <0.01 | <10 | <10 | 1 | <10 | 2 |
| OB 2152 | | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| OB 2153 | | <1 | 1 | <0.01 | <10 | <10 | 2 | <10 | 4 |
| OB 2154 | | <1 | 1 | <0.01 | <10 | <10 | 1 | <10 | 7 |
| OB 2155 | | <1 | 1 | <0.01 | <10 | <10 | 1 | <10 | 7 |
| OB 2156 | | 1 | 1 | <0.01 | <10 | <10 | 3 | <10 | 17 |
| OB 2157 | | 2 | 1 | <0.01 | <10 | 10 | 3 | <10 | 20 |
| OB 2158 | | <1 | 1 | <0.01 | <10 | <10 | <1 | <10 | 2 |
| OB 2159 | | <1 | 1 | <0.01 | <10 | <10 | 2 | <10 | 12 |
| OB 2160 | | <1 | 1 | <0.01 | <10 | <10 | 1 | <10 | 3 |

Comments: Some samples in this set exhibits Au nugget effect.

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ALS Canada Ltd.

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To: CHAPLEAU RESOURCES

104-135 10TH AVE S

CRANBROOK BC V1C 2N1

Page #: 1

Date : 16-Oct-2003

Account: NJY

CERTIFICATE VA03040150

Project : Cranbrook Gold

P.O. No:

This report is for 8 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 8-Oct-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

*Zinger-rock***SAMPLE PREPARATION**

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
104-135 10TH AVE S
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: *[Signature]*

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Page #: 2 - A

Total # of pages : 2 (A - C)

Date : 16-Oct-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03040150

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | Au-AA24 Au Check ppm 0.005 | Au-AA24 Au Check ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|-------------------------------------|-------------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|
| GD1478 | | 1.06 | 0.018 | | | <0.2 | 0.12 | 2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 10 | 122 |
| GD1479 | | 0.96 | <0.005 | | | <0.2 | 0.04 | <2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 2 | 197 |
| OB2161 | | 1.48 | 1.330 | | | 0.5 | 0.07 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 1 | 109 |
| OB2162 | | 1.12 | 0.007 | | | <0.2 | 0.10 | <2 | <10 | 20 | <0.5 | <2 | 0.01 | <0.5 | 1 | 168 |
| OB2163 | | 1.30 | 0.013 | | | 0.3 | 0.08 | <2 | <10 | 30 | <0.5 | <2 | <0.01 | <0.5 | 1 | 136 |
| OB2164 | | 1.28 | <0.005 | | | <0.2 | 0.21 | <2 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 2 | 159 |
| OB2165 | | 1.20 | <0.005 | | | <0.2 | 0.03 | <2 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 3 | 154 |
| OB2166 | | 0.98 | 0.260 | 0.384 | 0.753 | <0.2 | 0.17 | <2 | <10 | 40 | <0.5 | <2 | <0.01 | <0.5 | 2 | 118 |

Comments: Sample OB2166 exhibits Au nugget effect.

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Page #: 2 - B

Total # of pages : 2 (A - C)

Date : 16-Oct-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03040150

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|-----------|-----------|----------|-----------|-----------|-----------|----------|----------|-----------|----------|-----------|----------|-----------|----------|
| | | Cu | Fe | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb |
| | | ppm 1 | % 0.01 | ppm 10 | ppm 1 | % 0.01 | ppm 10 | % 0.01 | ppm 5 | ppm 1 | % 0.01 | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 |
| GD1478 | | 9 | 0.80 | <10 | <1 | 0.08 | 10 | 0.01 | 27 | 4 | <0.01 | 5 | 120 | 4 | <0.01 | <2 |
| GD1479 | | 4 | 0.60 | <10 | <1 | 0.02 | <10 | 0.01 | 117 | 1 | <0.01 | 3 | 80 | 5 | <0.01 | <2 |
| OB2161 | | 33 | 1.38 | <10 | <1 | 0.05 | <10 | 0.01 | 20 | 1 | <0.01 | 4 | 230 | 9 | <0.01 | <2 |
| OB2162 | | 4 | 0.47 | <10 | <1 | 0.07 | <10 | 0.01 | 15 | 1 | <0.01 | 2 | 110 | 2 | <0.01 | <2 |
| OB2163 | | 8 | 0.49 | <10 | <1 | 0.04 | 10 | 0.01 | 38 | <1 | <0.01 | 3 | 50 | 4 | <0.01 | <2 |
| OB2164 | | 12 | 0.47 | <10 | <1 | 0.04 | 10 | 0.09 | 60 | <1 | <0.01 | 5 | 50 | 2 | <0.01 | <2 |
| OB2165 | | 1 | 1.68 | <10 | <1 | 0.01 | <10 | 0.01 | 47 | <1 | <0.01 | 9 | 150 | 2 | <0.01 | <2 |
| OB2166 | | 1 | 0.76 | <10 | <1 | 0.15 | 20 | 0.01 | 142 | <1 | <0.01 | 4 | 90 | 5 | <0.01 | <2 |

Comments: Sample OB2166 exhibits Au nugget effect.

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Page #: 2 - C

Total # of pages : 2 (A - C)

Date : 16-Oct-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03040150

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------------|----------------|-----------------|-----------------|----------------|---------------|----------------|----------------|
| | | Sc ppm 1 | Sr ppm 1 | Ti % 0.01 | Ti ppm 10 | U ppm 10 | V ppm 1 | W ppm 10 | Zn ppm 2 |
| GD1478 | | <1 | 1 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| GD1479 | | <1 | 1 | <0.01 | <10 | <10 | 1 | <10 | 5 |
| OB2161 | | <1 | 1 | <0.01 | <10 | <10 | 1 | <10 | 9 |
| OB2162 | | <1 | 1 | <0.01 | <10 | <10 | 1 | <10 | 5 |
| OB2163 | | <1 | 1 | <0.01 | <10 | <10 | 1 | <10 | 8 |
| OB2164 | | <1 | 1 | <0.01 | <10 | <10 | 1 | <10 | 11 |
| OB2165 | | 1 | <1 | <0.01 | <10 | <10 | 1 | <10 | 25 |
| OB2166 | | <1 | 1 | <0.01 | <10 | <10 | 1 | <10 | 7 |

Comments: Sample OB2166 exhibits Au nugget effect.

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Page #: 1

Date : 20-Oct-2003

Account: NJY

*Zinger-roch***CERTIFICATE VA03041001**

Project : Cranbrook Gold

P.O. No:

This report is for 1 ROCK sample submitted to our lab in North Vancouver, BC, Canada on 10-Oct-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| FND-02 | Find Sample for Addn Analysis |
| SPL-21 | Split sample - riffle splitter |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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Signature:

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Page #: 2 - A

Total # of pages : 2 (A)

Date : 20-Oct-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03041001

| Sample Description | Method Analyte Units LOR | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-AA25 | Au-AA25D |
|--------------------|-----------------------------------|-------------|-------------|-------------|-------------|-----------|----------|-------------|-------------|
| | | Au Total | Au (+) F | Au (-) F | Au (+) m | WT. + Fr | WT. - Fr | Au | Au |
| | | ppm 0.05 | ppm 0.05 | ppm 0.05 | mg 0.001 | g 0.01 | g 0.1 | ppm 0.01 | ppm 0.01 |
| GD1463 | | 19.10 | 1825 | 9.26 | 8.096 | 4.44 | 812.2 | 8.93 | 9.58 |

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Page #: 1

Date : 20-Oct-2003

Account: NJY

CERTIFICATE VA03041163

Project : Cranbrook Gold

P.O. No:

This report is for 6 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 14-Oct-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

*Zinger - rock***SAMPLE PREPARATION**

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rod w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-AA24 | Au 50g FA AA finish | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: **CHAPLEAU RESOURCES**
ATTN: ROBIN SUDO
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Signature:

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Page #: 2 - A

Total # of pages : 2 (A - C)

Date : 20-Oct-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03041163

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-AA24 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| GD 1488 | | 1.46 | <0.005 | <0.2 | 0.04 | 2 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 274 | 2 | 0.57 |
| GD 1489 | | 1.58 | <0.005 | <0.2 | 0.01 | <2 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 163 | 2 | 0.36 |
| GD 1490 | | 1.32 | <0.005 | <0.2 | 0.04 | <2 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | 1 | 192 | 1 | 0.70 |
| GD 1491 | | 1.00 | <0.005 | 6.3 | 0.19 | 118 | <10 | 20 | <0.5 | 8 | 0.02 | 2.5 | 1 | 220 | 2 | 1.22 |
| GD 1492 | | 1.34 | <0.005 | <0.2 | 0.02 | 16 | <10 | 10 | <0.5 | <2 | <0.01 | <0.5 | <1 | 270 | 3 | 0.53 |
| GD 1493 | | 1.18 | 0.005 | <0.2 | 0.18 | 3 | <10 | 20 | <0.5 | <2 | <0.01 | <0.5 | 3 | 136 | 6 | 0.71 |

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Page #: 2 - B

Total # of pages : 2 (A - C)

Date : 20-Oct-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS VA03041163

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 |
|--------------------|-----------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| GD 1488 | | <10 | <1 | 0.02 | <10 | <0.01 | 78 | 1 | <0.01 | 4 | 30 | <2 | <0.01 | <2 | <1 | <1 |
| GD 1489 | | <10 | <1 | <0.01 | <10 | <0.01 | 41 | <1 | <0.01 | 3 | 10 | <2 | <0.01 | <2 | <1 | <1 |
| GD 1490 | | <10 | <1 | 0.02 | <10 | <0.01 | 57 | <1 | <0.01 | 5 | 40 | <2 | <0.01 | <2 | <1 | <1 |
| GD 1491 | | <10 | <1 | 0.04 | 10 | 0.01 | 148 | 1 | 0.03 | 6 | 200 | 2870 | 0.04 | 2 | 2 | 4 |
| GD 1492 | | <10 | <1 | 0.01 | <10 | <0.01 | 58 | <1 | <0.01 | 4 | 20 | 10 | <0.01 | <2 | <1 | <1 |
| GD 1493 | | <10 | <1 | 0.11 | 10 | 0.01 | 44 | <1 | 0.01 | 6 | 70 | 5 | <0.01 | <2 | <1 | 1 |

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Page #: 2 - C

Total # of pages : 2 (A - C)

Date : 20-Oct-2003

Account: NJY

Project : Cranbrook Gold

CERTIFICATE OF ANALYSIS**VA03041163**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------------|-----------------|----------------|---------------|----------------|----------------|
| | | Ti % 0.01 | Ti ppm 10 | U ppm 10 | V ppm 1 | W ppm 10 | Zn ppm 2 |
| GD 1488 | | <0.01 | <10 | <10 | 1 | <10 | 3 |
| GD 1489 | | <0.01 | <10 | <10 | 1 | <10 | 3 |
| GD 1490 | | <0.01 | <10 | <10 | 1 | <10 | 7 |
| GD 1491 | | <0.01 | <10 | <10 | 2 | <10 | 7630 |
| GD 1492 | | <0.01 | <10 | <10 | 1 | <10 | 21 |
| GD 1493 | | <0.01 | <10 | <10 | 3 | <10 | 9 |

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Page #: 1

Date : 29-Oct-2003

Account: NJY

*Zinger-rock***CERTIFICATE VA03042564**

Project : Cranbrook Gold

P.O. No:

This report is for 1 PULP sample submitted to our lab in North Vancouver, BC, Canada on 21-Oct-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| FND-02 | Find Sample for Addn Analysis |
| SPL-21 | Split sample - riffle splitter |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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CRANBROOK BC V1C 2N1

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Signature:

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z03-01

LENGTH: 235.7

| | | | |
|--------------------------|----------------------------|---------------------------|-------------------------------|
| PROPERTY: ZINGER | | HORI. COMP: 166.66 meters | DRILL CONTRACTOR: Lone Ranger |
| LOCATION: HART LAKE | | VERT. COMP: 166.66 meters | |
| COMMENCED: June 13, 2003 | COMPLETED: June 20, 2003 | CORR. DIP: -45° | CORE SIZE: NQ |
| COORDS: Long. | Lat. | TRUE BEARING: 090° | CASING: 3 METERS |
| COORDS: UTM (E) | (N) (EL) | % RECOVERY: | CORE STORAGE: VINE PROPERTY |
| COORDS: Grid (E) | (N) (EL) | LOGGED DATE: June 2003 | |
| ELEVATION: 2060 meters | COLLAR: Dip: -45° Azi: 090 | LOGGED BY: D.L. PIGHIN | |
| OBJECTIVE: | | | |
| SURVEYS: Depth: | Dip: Azi: | Type: | |
| ADDITIONAL SURVEYS: | | | |
| Depth: | Dip: Azi: | | |

| From | To | LITHOLOGY: Hematitic quartzite, minor interbeds of argillite, (unit is 90% quartzite). Good Creston Formation sediments, rare thin beds mud chip breccia. |
|------|------|---|
| 3.0 | 28.5 | COLOR: Mainly light purple with dark purple lineation, scattered beds of light yellowish green argillite. |
| | | PRIMARY STRUCTURE: Medium to thin bedded, rare very thin beds, bedding is distinct and generally flat. Quartzite beds are very fine grained, with no sorting or grading evident, thin argillite interbeds are weakly wispily laminated. Some purple quartzite beds are finely parallel laminated. Bedding to core at 3.0 = 60°. Bedding to core 60° at 12.5 meters. |
| | | TECTONIC STRUCTURE: Widely scattered veinlets at 24°, 60° (parallel to bedding) and 21°. |
| | | GENERAL ALTERATION: Quartzites are intensely silicified and sericitized, argillite beds are completely altered to yellow sericite. Specks of calcareous brown limonite (after calcite?) over print all the other alteration in both the argillite and quartzite beds. Alteration in this section may be regional and not local. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Veinlets referred to above are rarely more than a cm. wide and are composed of quartz – and limonite – limonite is after iron carbonate. |
| | | ADDITIONAL OBSERVATIONS: |

27.340

CHAPLEAU RESOURCES LTD.

HOLE #: Z03-01

DRILL HOLE RECORD

LENGTH: 235.7

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 3 | 3.5 | | Scattered thin limonite - Quartz veinlets, limonite is after Fe Ca. | M 155421 | 0.5 | <0.05 | <0.2 | <2 | 9 | 91 | 4 |
| 4 | 4.5 | | Scattered thin limonite - Quartz veinlets, limonite is after Fe Ca. | M 155422 | 0.5 | <0.05 | <0.2 | <2 | 4 | 37 | 3 |
| 5 | 5.5 | | Scattered thin limonite - Quartz veinlets, limonite is after Fe Ca. | M 155423 | 0.5 | <0.05 | <0.2 | <2 | 34 | 35 | 5 |
| 6 | 6.5 | | Scattered thin limonite - Quartz veinlets, limonite is after Fe Ca. | M 155424 | 0.5 | <0.05 | <0.2 | <2 | 13 | 60 | 10 |
| 7 | 7.5 | | Scattered thin limonite - Quartz veinlets, limonite is after Fe Ca. | M 155425 | 0.5 | <0.05 | <0.2 | <2 | 34 | 67 | 17 |
| 8 | 8.5 | | Scattered thin limonite - Quartz veinlets, limonite is after Fe Ca. | M 155426 | 0.5 | <0.05 | <0.2 | <2 | 11 | 49 | 12 |
| 9 | 9.5 | | Scattered thin limonite - Quartz veinlets, limonite is after Fe Ca. | M 155427 | 0.5 | <0.05 | <0.2 | <2 | 7 | 87 | 6 |
| 10 | 10.5 | | Scattered thin limonite - Quartz veinlets, limonite is after Fe Ca. | M 155428 | 0.5 | <0.05 | <0.2 | <2 | 4 | 56 | 3 |
| 11 | 11.5 | | Scattered thin limonite - Quartz veinlets, limonite is after Fe Ca. | M 155429 | 0.5 | <0.05 | <0.2 | <2 | 3 | 65 | 5 |
| 12 | 12.5 | | Scattered thin limonite - Quartz veinlets, limonite is after Fe Ca. | M 155430 | 0.5 | <0.05 | <0.2 | <2 | 4 | 84 | 7 |
| 13 | 13.5 | | Scattered thin limonite - Quartz veinlets, limonite is after Fe Ca. | M 155431 | 0.5 | <0.05 | <0.2 | <2 | 4 | 61 | 5 |
| 14 | 14.5 | | Scattered thin limonite - Quartz veinlets, limonite is after Fe Ca. | M 155432 | 0.5 | <0.05 | <0.2 | <2 | 3 | 53 | 6 |
| 15 | 15.5 | | Scattered thin limonite - Quartz veinlets, limonite is after Fe Ca. | M 155433 | 0.5 | <0.05 | <0.2 | <2 | 3 | 20 | 4 |
| 16 | 16.5 | | Scattered thin limonite - Quartz veinlets, limonite is after Fe Ca. | M 155434 | 0.5 | <0.05 | <0.2 | <2 | 5 | 11 | 9 |
| 17 | 17.5 | | Scattered thin limonite - Quartz veinlets, limonite is after Fe Ca. | M 155435 | 0.5 | <0.05 | <0.2 | <2 | 5 | 13 | 4 |
| 18 | 18.5 | | Scattered thin limonite - Quartz veinlets, limonite is after Fe Ca. | M 155436 | 0.5 | <0.05 | <0.2 | <2 | 22 | 18 | 14 |
| 19 | 19.5 | | Scattered thin limonite - Quartz veinlets, limonite is after Fe Ca. | M 155437 | 0.5 | <0.05 | <0.2 | <2 | 2 | 12 | 4 |
| 20 | 20.5 | | Scattered thin limonite - Quartz veinlets, limonite is after Fe Ca. | M 155438 | 0.5 | <0.05 | <0.2 | <2 | 2 | 13 | 5 |
| 21 | 21.5 | | Scattered thin limonite - Quartz veinlets, limonite is after Fe Ca. | M 155439 | 0.5 | <0.05 | <0.2 | <2 | 19 | 19 | 7 |
| 22 | 22.5 | | Scattered thin limonite - Quartz veinlets, limonite is after Fe Ca. | M 155440 | 0.5 | <0.05 | <0.2 | <2 | 2 | 16 | 3 |
| 23 | 23.5 | | Scattered thin limonite - Quartz veinlets, limonite is after Fe Ca. | M 155441 | 0.5 | <0.05 | <0.2 | <2 | 4 | 16 | 4 |
| 24 | 24.5 | | Scattered thin limonite - Quartz veinlets, limonite is after Fe Ca. | M 155442 | 0.5 | <0.05 | <0.2 | <2 | 5 | 8 | 7 |
| 25 | 25.5 | | Scattered thin limonite - Quartz veinlets, limonite is after Fe Ca. | M 155443 | 0.5 | <0.05 | <0.2 | <2 | 2 | 9 | 3 |
| 25.5 | 26 | | Scattered thin limonite - Quartz veinlets, limonite is after Fe Ca. | M 155444 | 0.5 | <0.05 | <0.2 | <2 | 6 | 11 | 6 |
| 26 | 26.5 | | Scattered thin limonite - Quartz veinlets, limonite is after Fe Ca. | M 155445 | 0.5 | <0.05 | <0.2 | <2 | 4 | 6 | 7 |
| 26.5 | 27 | | Scattered thin limonite - Quartz veinlets, limonite is after Fe Ca. | M 155446 | 0.5 | <0.05 | <0.2 | <2 | 4 | 7 | 13 |
| 27 | 27.5 | | Scattered thin limonite - Quartz veinlets, limonite is after Fe Ca. | M 155447 | 0.5 | <0.05 | <0.2 | <2 | 3 | 6 | 10 |
| 27.5 | 28 | | Scattered thin limonite - Quartz veinlets, limonite is after Fe Ca. | M 155448 | 0.5 | <0.05 | <0.2 | <2 | 3 | 10 | 5 |
| 28 | 28.5 | | Scattered thin limonite - Quartz veinlets, limonite is after Fe Ca. | M 155449 | 0.5 | <0.05 | <0.2 | <2 | 3 | 4 | 8 |
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CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z03-01
LENGTH: 235.7

| From | To | LITHOLOGY: Crackle brecciated, hematitic quartzite, minor argillite, (30%argillite). This zone is moderately well crackle brecciated. |
|------|------|---|
| 28.5 | 41.0 | COLOR: Light purple, with dark purple limeation, some light greenish yellow argillite interbeds. |
| | | PRIMARY STRUCTURE: Previously described 3.0 – 28.5, @ 30.0 bedding at 45° to core, bedding 52° to core at 41.0 meters. |
| | | TECTONIC STRUCTURE: Mineralized fractures at 62°, 70°, 35° and 45° (to core axis). Brecciation is well developed by abundant hairline, watery grey microcrystalline quartz filled fractures cut by later thicker vuggy white quartz filled fractures. |
| | | GENERAL ALTERATION: Hematitization is siltstones and quartzite is regional, silicification and white sericitization in quartzites is mostly likely regional; Light greenish yellow sericitation in argillite beds appears to be related to the mineralization, rare paper thin stylolitic veinlets of dark green chlorite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Quartz filled fractured host limonite after pyrite thickest and best mineralized veinlets are in the yellowish green (sericitic) argillite interbeds. These veins carry abundant limonite after pyrite and are generally 1 cm. or less thick. Best examples of this type mineralization at 32.0, 34.0, 37.5 to 3.8 meter. Some of the limonite in quartz veinlets is definitely after iron carbonate (siderite or ankerite) veinlets range in thickness 1mm to 10 mm, rare thin veinlets in quartzite beds host weakly disseminated specularite. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 28.5 | 29 | | Brecciated, silicified quartzite and yellowish green sericitic argillite, veins consists of quartz limonite and pyrite. | M 155450 | 0.5 | <0.05 | <0.2 | <2 | 2 | 11 | 5 |
| 29 | 29.5 | | Brecciated, silicified quartzite and yellowish green sericitic argillite, veins consists of quartz limonite and pyrite. | M 155451 | 0.5 | <0.05 | <0.2 | <2 | 2 | 7 | 8 |
| 29.5 | 30 | | Brecciated, silicified quartzite and yellowish green sericitic argillite, veins consists of quartz limonite and pyrite. | M 155452 | 0.5 | <0.05 | <0.2 | <2 | 2 | 6 | 6 |
| 30 | 30.5 | | Brecciated, silicified quartzite and yellowish green sericitic argillite, veins consists of quartz limonite and pyrite. | M 155453 | 0.5 | <0.05 | <0.2 | <2 | 3 | 8 | 7 |
| 30.5 | 31 | | Brecciated, silicified quartzite and yellowish green sericitic argillite, veins consists of quartz limonite and pyrite. | M 155454 | 0.5 | <0.05 | <0.2 | <2 | <2 | 9 | 6 |
| 31 | 31.5 | | Brecciated, silicified quartzite and yellowish green sericitic argillite, veins consists of quartz limonite and pyrite. | M 155455 | 0.5 | <0.05 | <0.2 | <2 | <2 | 11 | 5 |
| 31.5 | 32 | | Brecciated, silicified quartzite and yellowish green sericitic argillite, veins consists of quartz limonite and pyrite. Intense yellowish green sericite. | M 155456 | 0.5 | 0.09 | <0.2 | <2 | 2 | 10 | 5 |
| 32 | 32.5 | | Brecciated, silicified quartzite and yellowish green sericitic argillite, veins consists of quartz limonite and pyrite. | M 155457 | 0.5 | <0.05 | <0.2 | <2 | 3 | 12 | 5 |
| 32.5 | 33 | | Brecciated, silicified quartzite and yellowish green sericitic argillite, veins consists of quartz limonite and pyrite. | M 155458 | 0.5 | <0.05 | <0.2 | <2 | 10 | 8 | 6 |
| 33 | 33.5 | | Brecciated, silicified quartzite and yellowish green sericitic argillite, veins consists of quartz limonite and pyrite. | M 155459 | 0.5 | <0.05 | <0.2 | <2 | 2 | 7 | 9 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z03-01

LENGTH: 235.7

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|---|------------|-------|-----------|-----------|-----------|-----------|-----------|-----------|
| 34 | 34.5 | | Brecciated, silicified quartzite and yellowish green sericitic argillite, veins consists of quartz limonite and pyrite. | M 155461 | 0.5 | <0.05 | <0.2 | <2 | <2 | 15 | 3 |
| 34.5 | 35 | | Brecciated, silicified quartzite and yellowish green sericitic argillite, veins consists of quartz limonite and pyrite. | M 155462 | 0.5 | <0.05 | <0.2 | <2 | 2 | 12 | 5 |
| 35 | 35.5 | | Brecciated, silicified quartzite and yellowish green sericitic argillite, veins consists of quartz limonite and pyrite. | M 155463 | 0.5 | <0.05 | <0.2 | <2 | 2 | 5 | 5 |
| 35.5 | 36 | | Brecciated, silicified quartzite and yellowish green sericitic argillite, veins consists of quartz limonite and pyrite. | M 155464 | 0.5 | <0.05 | <0.2 | <2 | <2 | 14 | 4 |
| 36 | 36.5 | | Brecciated, silicified quartzite and yellowish green sericitic argillite, veins consists of quartz limonite and pyrite. | M 155465 | 0.5 | <0.05 | <0.2 | <2 | <2 | 8 | 3 |
| 36.5 | 37 | | Brecciated, silicified quartzite and yellowish green sericitic argillite, veins consists of quartz limonite and pyrite. | M 155466 | 0.5 | <0.05 | <0.2 | <2 | <2 | 11 | 4 |
| 37 | 37.5 | | Brecciated, silicified quartzite and yellowish green sericitic argillite, veins consists of quartz limonite and pyrite. Intense yellowish green sericite. | M 155467 | 0.5 | <0.05 | <0.2 | <2 | 2 | 17 | 3 |
| 37.5 | 38 | | Brecciated, silicified quartzite and yellowish green sericitic argillite, veins consists of quartz limonite and pyrite. | M 155468 | 0.5 | <0.05 | <0.2 | <2 | 6 | 69 | 12 |
| 38 | 38.5 | | Brecciated, silicified quartzite and yellowish green sericitic argillite, veins consists of quartz limonite. Intense yellowish green sericite. | M 155469 | 0.5 | <0.05 | <0.2 | <2 | 2 | 116 | 9 |
| 38.5 | 39 | | Intense yellowish green sericite | M 155470 | 0.5 | <0.05 | <0.2 | <2 | <2 | 55 | 4 |
| 39 | 39.5 | | Intense yellowish green sericite | M 155471 | 0.5 | <0.05 | <0.2 | <2 | <2 | 19 | 3 |
| 39.5 | 40 | | Intense yellowish green sericite | M 155472 | 0.5 | <0.05 | <0.2 | <2 | 2 | 9 | 3 |
| 40 | 40.5 | | Intense yellowish green sericite | M 155473 | 0.5 | <0.05 | <0.2 | <2 | <2 | 14 | 1 |
| 40.5 | 41 | | Intense yellowish green sericite. | M 155474 | 0.5 | <0.05 | <0.2 | <2 | <2 | 10 | 3 |
| | | | | | | | | | | | |
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CHAPLEAU RESOURCES LTD.**HOLE #: Z03-01****DRILL HOLE RECORD****LENGTH: 235.7**

| From | To | LITHOLOGY: Quartzite, minor interbedded argillite (Argillite 5.%). |
|------|------|--|
| 41.0 | 51.0 | COLOR: Quartzite lite purple with dark purple lineation and quartzite lite whitish gray in color. |
| | | PRIMARY STRUCTURE: Medium to thick bedded, bedding is sharp and flat, both purple and white quartzites are very fine grained, some beds are very finely parallel laminated, there are some rare mud chip breccia beds and rare very coarse grain quartzite beds. Argillite beds are generally structureless due to intense alteration. |
| | | TECTONIC STRUCTURE: Bedding to core at 50.0 m = 51°, veinlets (brecciation) are as previously described. Brecciation in this section is moderate but is weak from 28.5 – 41.0. |
| | | GENERAL ALTERATION: Quartzites are intensely silicified and speckled by small spots of late sericite. Argillite interbeds are altered completely to finely crystalline, light yellowish green sericite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Same as described from 28.5 – 41.0. |
| | | ADDITIONAL OBSERVATIONS: |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z03-01

LENGTH: 235.7

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 41 | 41.5 | | Brecciated quartzite and argillite, healed by quartz - limonite veinlets, argillite Altered to yellowish green sericite. | M 155475 | 0.5 | <0.05 | <0.2 | <2 | 4 | 12 | 4 |
| 41.5 | 42 | | Brecciated quartzite and argillite, healed by quartz - limonite veinlets, argillite Altered to yellowish green sericite. | M 155476 | 0.5 | <0.05 | <0.2 | <2 | 2 | 6 | 3 |
| 42 | 42.5 | | Brecciated quartzite and argillite, healed by quartz - limonite veinlets, argillite Altered to yellowish green sericite. | M 155477 | 0.5 | <0.05 | <0.2 | <2 | <2 | 8 | 6 |
| 42.5 | 43 | | Brecciated quartzite and argillite, healed by quartz - limonite veinlets, argillite Altered to yellowish green sericite. | M 155478 | 0.5 | <0.05 | <0.2 | <2 | <2 | 7 | 4 |
| 43 | 43.5 | | Brecciated quartzite and argillite, healed by quartz - limonite veinlets, argillite Altered to yellowish green sericite. | M 155479 | 0.5 | <0.05 | <0.2 | <2 | <2 | 8 | 2 |
| 43.5 | 44 | | Brecciated quartzite and argillite, healed by quartz - limonite veinlets, argillite Altered to yellowish green sericite. | M 155480 | 0.5 | <0.05 | <0.2 | <2 | <2 | 2 | 6 |
| 44 | 44.5 | | Brecciated quartzite and argillite, healed by quartz - limonite veinlets, argillite Altered to yellowish green sericite. | M 155481 | 0.5 | <0.05 | <0.2 | <2 | 3 | 13 | 7 |
| 44.5 | 45 | | Brecciated quartzite and argillite, healed by quartz - limonite veinlets, argillite Altered to yellowish green sericite. | M 155482 | 0.5 | <0.05 | <0.2 | <2 | 2 | 9 | 4 |
| 45 | 45.5 | | Brecciated quartzite and argillite, healed by quartz - limonite veinlets, argillite Altered to yellowish green sericite. | M 155483 | 0.5 | <0.05 | <0.2 | <2 | 19 | 31 | 10 |
| 45.5 | 46 | | Brecciated quartzite and argillite, healed by quartz - limonite veinlets, argillite Altered to yellowish green sericite. | M 155484 | 0.5 | <0.05 | <0.2 | <2 | 211 | 137 | 9 |
| 46 | 46.5 | | Brecciated quartzite and argillite, healed by quartz - limonite veinlets, argillite Altered to yellowish green sericite. | M 155485 | 0.5 | <0.05 | <0.2 | <2 | 9 | 38 | 13 |
| 46.5 | 47 | | Brecciated quartzite and argillite, healed by quartz - limonite veinlets, argillite Altered to yellowish green sericite. | M 155486 | 0.5 | <0.05 | <0.2 | <2 | <2 | 9 | 6 |
| 48 | 48.5 | | Brecciated quartzite and argillite, healed by quartz - limonite veinlets, argillite Altered to yellowish green sericite. | M 155489 | 0.5 | <0.05 | <0.2 | <2 | <2 | 7 | 5 |
| 48.5 | 49 | | Brecciated quartzite and argillite, healed by quartz - limonite veinlets, argillite Altered to yellowish green sericite. | M 155490 | 0.5 | <0.05 | <0.2 | <2 | <2 | 6 | 6 |
| 49 | 49.5 | | Brecciated quartzite and argillite, healed by quartz - limonite veinlets, argillite Altered to yellowish green sericite. | M 155491 | 0.5 | <0.05 | <0.2 | <2 | 2 | 11 | 7 |
| 49.5 | 50 | | Brecciated quartzite and argillite, healed by quartz - limonite veinlets, argillite Altered to yellowish green sericite. | M 155492 | 0.5 | <0.05 | <0.2 | <2 | 4 | 14 | 14 |
| 50 | 50.5 | | Brecciated quartzite and argillite, healed by quartz - limonite veinlets, argillite Altered to yellowish green sericite. | M 155493 | 0.5 | <0.05 | <0.2 | <2 | 15 | 13 | 11 |
| 50.5 | 51 | | Brecciated quartzite and argillite, healed by quartz - limonite veinlets, argillite Altered to yellowish green sericite. | M 155494 | 0.5 | <0.05 | <0.2 | <2 | 5 | 14 | 16 |
| 51 | 51.5 | | Brecciated quartzite and argillite, healed by quartz - limonite veinlets, argillite Altered to yellowish green sericite. | M 155495 | 0.5 | <0.05 | <0.2 | <2 | <2 | 5 | 12 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z03-01

LENGTH: 235.7

| From | To | LITHOLOGY: Mainly quartzite, with minor interbedded argillite. Section is 10% argillite 75.5 to 76.3. Mainly lite green to yellowish green argillite. |
|------|------|---|
| 51.0 | 78.0 | COLOR: Lite purple, with some dark purple parallel limeation, minor beds of lite greenish grey argillite. |
| | | PRIMARY STRUCTURE: Medium bedded, with thin interbeds of argillite, quartzite are very fine grained rarely parallel laminated, some very wispy laminations as well, argillite interbeds are wispy laminated usually around thin lenses of quartz sand at 75.5 bedding to core is 56°. |
| | | TECTONIC STRUCTURE: Rare thin quartz veinlets. |
| | | GENERAL ALTERATION: Intensely silicified quartzite, 75.5 to 76.8 argillite nearly completely altered to lite yellowish green sericite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Mineralized quartz veinlets in this section are very rare. Mineralized veinlets are best developed from 75.5 to 76.3 mineralized veinlets host minor limonite after pyrite. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 51.5 | 52 | | Rare mineralized quartz - veinlets, scattered bands intense yellowish green sericite. | M 155496 | 0.5 | <0.05 | <0.2 | <2 | <2 | 4 | 10 |
| 52 | 52.5 | | Rare mineralized quartz - veinlets, scattered bands intense yellowish green sericite. | M 155497 | 0.5 | <0.05 | <0.2 | <2 | 3 | 7 | 13 |
| 52.5 | 53 | | Rare mineralized quartz - veinlets, scattered bands intense yellowish green sericite. | M 155498 | 0.5 | <0.05 | <0.2 | <2 | <2 | 10 | 14 |
| 53 | 53.5 | | Rare mineralized quartz - veinlets, scattered bands intense yellowish green sericite. | M 155499 | 0.5 | <0.05 | <0.2 | <2 | <2 | 7 | 10 |
| 53.5 | 54 | | Rare mineralized quartz - veinlets, scattered bands intense yellowish green sericite. | M 155500 | 0.5 | <0.05 | <0.2 | <2 | <2 | 3 | 14 |
| 54 | 54.5 | | Rare mineralized quartz - veinlets, scattered bands intense yellowish green sericite. | M 155501 | 0.5 | <0.05 | <0.2 | <2 | 2 | 7 | 13 |
| 54.5 | 55 | | Rare mineralized quartz - veinlets, scattered bands intense yellowish green sericite. | M 155502 | 0.5 | <0.05 | <0.2 | 2 | 3 | 19 | 10 |
| 55 | 55.5 | | Rare mineralized quartz - veinlets, scattered bands intense yellowish green sericite. | M 155503 | 0.5 | <0.05 | <0.2 | 2 | 2 | 18 | 8 |
| 55.5 | 56 | | Rare mineralized quartz - veinlets, scattered bands intense yellowish green sericite. | M 155504 | 0.5 | <0.05 | <0.2 | <2 | <2 | 17 | 5 |
| 56 | 56.5 | | Rare mineralized quartz - veinlets, scattered bands intense yellowish green sericite. | M 155505 | 0.5 | <0.05 | <0.2 | <2 | <2 | 11 | 7 |
| 56.5 | 57 | | Rare mineralized quartz - veinlets, scattered bands intense yellowish green sericite. | M 155506 | 0.5 | <0.05 | <0.2 | <2 | 9 | 17 | 8 |
| 57 | 57.5 | | Rare mineralized quartz - veinlets, scattered bands intense yellowish green sericite. | M 155507 | 0.5 | <0.05 | <0.2 | 3 | 14 | 20 | 11 |
| 57.5 | 58 | | Rare mineralized quartz - veinlets, scattered bands intense yellowish green sericite. | M 155508 | 0.5 | <0.05 | <0.2 | 2 | 2 | 20 | 7 |
| | | | | | | | | | | | |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z03-01

LENGTH: 235.7

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|---|------------|-------|-----------|-----------|-----------|-----------|-----------|-----------|
| 58 | 58.5 | | Rare mineralized quartz - veinlets, scattered bands intense yellowish green sericite. | M 155509 | 0.5 | <0.05 | <0.2 | <2 | 2 | 16 | 6 |
| 58.5 | 59 | | Rare mineralized quartz - veinlets, scattered bands intense yellowish green sericite. | M 155510 | 0.5 | <0.05 | <0.2 | <2 | 2 | 8 | 11 |
| 59 | 59.5 | | Rare mineralized quartz - veinlets, scattered bands intense yellowish green sericite. | M 155511 | 0.5 | <0.05 | <0.2 | <2 | 3 | 5 | 8 |
| 59.5 | 60.5 | | Rare mineralized quartz - veinlets, scattered bands intense yellowish green sericite. | M 155512 | 0.5 | <0.05 | <0.2 | 2 | 3 | 11 | 3 |
| 60.5 | 61.5 | | Rare mineralized quartz - veinlets, scattered bands intense yellowish green sericite. | M 155513 | 0.5 | <0.05 | <0.2 | <2 | 3 | 19 | 5 |
| 61.5 | 62.5 | | Rare mineralized quartz - veinlets, scattered bands intense yellowish green sericite. | M 155514 | 0.5 | <0.05 | <0.2 | <2 | 3 | 13 | 6 |
| 62.5 | 63.5 | | Rare mineralized quartz - veinlets, scattered bands intense yellowish green sericite. | M 155515 | 0.5 | <0.05 | <0.2 | <2 | 4 | 16 | 5 |
| 63.5 | 64.5 | " | " | M 155516 | 0.5 | <0.05 | <0.2 | 2 | 3 | 14 | 4 |
| 64.5 | 65.5 | " | " | M 155517 | 0.5 | <0.05 | <0.2 | <2 | 2 | 12 | 7 |
| 65.5 | 66.5 | " | " | M 155518 | 0.5 | <0.05 | <0.2 | <2 | 4 | 19 | 8 |
| 66.5 | 67.5 | " | " | M 155519 | 0.5 | <0.05 | <0.2 | <2 | <2 | 12 | 7 |
| 67.5 | 68.5 | " | " | M 155520 | 0.5 | <0.05 | <0.2 | <2 | 5 | 16 | 5 |
| 68.5 | 69.5 | " | " | M 155521 | 0.5 | <0.05 | <0.2 | <2 | 8 | 8 | 5 |
| 69.5 | 70.5 | " | " | M 155522 | 0.5 | <0.05 | <0.2 | <2 | 5 | 14 | 7 |
| 70.5 | 71.5 | " | " | M 155523 | 0.5 | <0.05 | <0.2 | 2 | 3 | 17 | 6 |
| 71.5 | 72.5 | " | " | M 155524 | 0.5 | <0.05 | <0.2 | <2 | 3 | 10 | 6 |
| 72.5 | 73.5 | " | " | M 155525 | 0.5 | <0.05 | <0.2 | <2 | 2 | 8 | 7 |
| 73.5 | 74.5 | " | " | M 155526 | 0.5 | <0.05 | <0.2 | <2 | 4 | 9 | 5 |
| 74.5 | 75.5 | " | " | M 155527 | 0.5 | <0.05 | <0.2 | <2 | 3 | 10 | 4 |
| 75.5 | 76 | " | " Best min in this section. | M 155528 | 0.5 | <0.05 | <0.2 | <2 | 2 | 10 | 6 |
| 76 | 76.5 | " | " Best min in this section. | M 155529 | 0.5 | <0.05 | <0.2 | <2 | 6 | 12 | 46 |
| 76.5 | 76.5 | " | " | M 155530 | 0.5 | <0.05 | <0.2 | <2 | 2 | 7 | 6 |
| 77 | 77.5 | " | " | M 155531 | 0.5 | <0.05 | <0.2 | <2 | 2 | 11 | 6 |
| 77.5 | 78 | " | " | M 155532 | 0.5 | <0.05 | <0.2 | <2 | <2 | 7 | 5 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z03-01
LENGTH: 235.7

| From | To | LITHOLOGY: Quartzite, very rare argillite, section 1% argillite breccia zone. |
|------|------|---|
| 78.0 | 85.5 | COLOR: Mainly lite brownish grey, rare lite purple quartzite all over printed by brown staining. |
| | | PRIMARY STRUCTURE: Very thick bedded, bedding is not evident, quartzite is very fine grain with a very fine parallel lamination, accented by alteration. |
| | | TECTONIC STRUCTURE: Brecciated quartz – pyrite filled fractures are abundant. The dominate vein set cuts core at 45°, minor vein sets are at 5° and 62° to core axis. |
| | | GENERAL ALTERATION: Intensely silicified with hairline bands of sericite, giving the rock a parallel laminated look, paper thin late stylolitic chlorite filled features are generally parallel being (these are very rare). |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Quartz veinlets which form the crackle breccia structure, are generally vuggy (drusy) with tiny quartz crystals lining the insides of the vugs. Limonite after pyrite and rarely fresh pyrite in the vugs and in quartz. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 78 | 78.5 | | Brecciated with relatively abundant veinlets consisting of quartz, limonite and pyrite. | M 155533 | 0.5 | <0.05 | <0.2 | <2 | 2 | 9 | 7 |
| 78.5 | 79 | | " " | 155534 | 0.5 | <0.05 | <0.2 | <2 | 6 | 5 | 6 |
| 79 | 79.5 | | " " | M 155535 | 0.5 | <0.05 | <0.2 | <2 | 2 | 3 | 6 |
| 79.5 | 80 | | " " | M 155536 | 0.5 | <0.05 | <0.2 | <2 | 2 | 3 | 5 |
| 80 | 80.5 | | " " | M 155537 | 0.5 | <0.05 | <0.2 | <2 | <2 | 4 | 6 |
| 80.5 | 81 | | " " | M 155538 | 0.5 | <0.05 | <0.2 | <2 | 3 | 6 | 6 |
| 81 | 81.5 | | " " | M 155539 | 0.5 | <0.05 | <0.2 | <2 | <2 | 5 | 2 |
| 81.5 | 82 | | " " | M 155540 | 0.5 | <0.05 | <0.2 | <2 | <2 | 6 | 4 |
| 82 | 82.5 | | " " | M 155541 | 0.5 | <0.05 | <0.2 | <2 | 18 | 5 | 3 |
| 82.5 | 83 | | " " | M 155542 | 0.5 | <0.05 | <0.2 | 2 | 4 | 12 | 7 |
| 83 | 83.5 | | " " | M 155543 | 0.5 | <0.05 | <0.2 | <2 | 3 | 12 | 2 |
| 83.5 | 84 | | " " | M 155544 | 0.5 | <0.05 | <0.2 | 2 | 2 | 7 | 3 |
| 84 | 84.5 | | " " | M 155545 | 0.5 | <0.05 | <0.2 | <2 | 3 | 10 | 2 |
| 84.5 | 85 | | " " | M 155546 | 0.5 | <0.05 | <0.2 | <2 | 4 | 7 | 2 |
| 85 | 85.5 | | " " | M 155547 | 0.5 | <0.05 | <0.2 | <2 | 3 | 8 | 4 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z03-01

LENGTH: 235.7

| From | To | LITHOLOGY: Quarzite, minor interbedded argillite. (.5% of sec. Argillite). |
|-------|-------|--|
| 85.50 | 106.0 | COLOR: Green lite purplish grey quartzite, with lite yellowish green argillite intervals. |
| | | PRIMARY STRUCTURE: Medium to thin bedded, bedding is distinct, bedding is generally flat, but locally wavy. Quartzites are generally very fine grained, wispy to parallel laminated, rare flame structured bedding planes. Argillite interbeds are wispily laminated, with very thin quartz sand lenses. |
| | | TECTONIC STRUCTURE: Bedding to core at 105.0 = 55°, rare thin quartz – pyrite filled fractures as described previously. |
| | | GENERAL ALTERATION: Quartzites are intensely silicified with sericite forming scattered tiny blebs or paper thin laminae, some of the argillite interbeds are totally altered to finely crystalline lite yellowish green sericite best at 98.0 to 98.7 meters. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Quartz pyrite veinlets are rare in this section. |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|----------------------------|------------|-------|--------|--------|--------|--------|--------|--------|
| 85.5 | 86 | | Rare mineralized veinlets. | M 155548 | 0.5 | <0.05 | <0.2 | <2 | <2 | 7 | 5 |
| 86 | 86.5 | | Rare mineralized veinlets | M 155549 | 0.5 | <0.05 | <0.2 | <2 | 2 | 3 | 2 |
| 86.5 | 87 | | Rare mineralized veinlets | M 155550 | 0.5 | <0.05 | <0.2 | <2 | <2 | 10 | 2 |
| 87 | 87.5 | | Rare mineralized veinlets | M 155551 | 0.5 | <0.05 | <0.2 | <2 | 2 | 10 | 2 |
| 87.5 | 88 | | Rare mineralized veinlets | M 155552 | 0.5 | <0.05 | <0.2 | <2 | 3 | 19 | 13 |
| 88 | 88.5 | | Rare mineralized veinlets | M 155553 | 0.5 | <0.05 | <0.2 | <2 | 2 | 9 | 2 |
| 88.5 | 89 | | Rare mineralized veinlets | M 155554 | 0.5 | <0.05 | <0.2 | <2 | 2 | 9 | 3 |
| 89 | 89.5 | | Rare mineralized veinlets | M 155555 | 0.5 | <0.05 | <0.2 | <2 | <2 | 16 | 2 |
| 89.5 | 90 | | Rare mineralized veinlets | M 155556 | 0.5 | <0.05 | <0.2 | <2 | 2 | 10 | 1 |
| 90 | 91 | | Rare mineralized veinlets | M 155557 | 1 | <0.05 | <0.2 | <2 | 2 | 8 | 2 |
| 91 | 92 | | Rare mineralized veinlets | M 155558 | 1 | <0.05 | <0.2 | <2 | 3 | 10 | 14 |
| 92 | 93 | | Rare mineralized veinlets | M 155559 | 1 | <0.05 | <0.2 | <2 | 2 | 7 | 1 |
| 93 | 94 | | Rare mineralized veinlets | M 155560 | 1 | <0.05 | <0.2 | <2 | 3 | 10 | 2 |
| 94 | 95 | | Rare mineralized veinlets | M 155561 | 1 | <0.05 | <0.2 | <2 | 3 | 7 | 2 |
| 95 | 96 | | Rare mineralized veinlets | M 155562 | 1 | <0.05 | <0.2 | 2 | 4 | 12 | 1 |
| 96 | 97 | | Rare mineralized veinlets | M 155563 | 1 | <0.05 | <0.2 | <2 | 2 | 10 | 1 |
| 97 | 98 | | Rare mineralized veinlets | M 155564 | 1 | <0.05 | <0.2 | 2 | 2 | 6 | 1 |
| 98 | 99 | | Rare mineralized veinlets | M 155565 | 1 | <0.05 | <0.2 | <2 | 4 | 11 | 1 |
| 99 | 100 | | Rare mineralized veinlets | M 155566 | 1 | <0.05 | <0.2 | <2 | 4 | 6 | 2 |
| 100 | 101 | | Rare mineralized veinlets | M 155567 | 1 | <0.05 | <0.2 | <2 | 4 | 6 | 2 |
| 101 | 102 | | Rare mineralized veinlets | M 155568 | 1 | <0.05 | <0.2 | <2 | 2 | 3 | 1 |
| 102 | 103 | | Rare mineralized veinlets | M 155569 | 1 | <0.05 | <0.2 | <2 | 2 | 4 | 2 |
| 103 | 104 | | Rare mineralized veinlets | M 155570 | 1 | <0.05 | <0.2 | <2 | <2 | 2 | 2 |
| 104 | 105 | | Rare mineralized veinlets | M 155571 | 1 | <0.05 | <0.2 | <2 | 2 | 4 | 2 |
| 105 | 106 | | Rare mineralized veinlets | M 155572 | 1 | <0.05 | <0.2 | <2 | 3 | 7 | 1 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z03-01
LENGTH: 235.7

| From | To | LITHOLOGY: Quartzite interbedded argillite (section 40% argillite). |
|-------|-------|---|
| 106.0 | 115.5 | COLOR: Lite grey quartzite, banded lite yellowish green argillite interbeds locally speckled brown. |
| | | PRIMARY STRUCTURE: Medium to very thin bedded, bedding is sharp and distinctly wavy. Quartzites are generally very fine grained. |
| | | TECTONIC STRUCTURE: Quartzites are cut at 30° to core axis by very thin watery grey quartz filled fractures, late quartz – limonite filled fractures cut core at 34°, 48° and 17° to core. |
| | | GENERAL ALTERATION: Quartzite beds are intensely silicified, argillite beds totally altered to finely crystallines lite yellowish green sericite. Late specks of brown late calcareous clots of sericite overprint other types of alterations. 112.0 – 115.0 yellowish green sericitization of argillite beds is very strongly developed. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Veinlets in this section consist of watery grey micro crystalline quartz, which are cut by later veinlets of Fe Carbonate, minor quartz and dolomite. Pyrite is very rare in this section. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 106 | 106.5 | | Watery grey microcrystalline quartz veins, cut by veinlet of iron carbonate and quartz and dolomite, rare pyrite. | M 155573 | 0.5 | <0.05 | <0.2 | <2 | 3 | 5 | 3 |
| 106.5 | 107 | | " " | M 155574 | 0.5 | <0.05 | <0.2 | <2 | <2 | 6 | 2 |
| 107 | 107.5 | | " " | M 155575 | 0.5 | <0.05 | <0.2 | <2 | <2 | 13 | 1 |
| 107.5 | 108 | | " " | M 155576 | 0.5 | <0.05 | <0.2 | <2 | <2 | 11 | 4 |
| 108 | 108.5 | | " " | M 155577 | 0.5 | <0.05 | <0.2 | <2 | <2 | 18 | 2 |
| 108.5 | 109 | | " " | M 155578 | 0.5 | <0.05 | <0.2 | <2 | <2 | 9 | 2 |
| 109 | 109.5 | | " " | M 155579 | 0.5 | <0.05 | <0.2 | <2 | <2 | 4 | 14 |
| 109.5 | 110 | | " " | M 155580 | 0.5 | <0.05 | <0.2 | <2 | <2 | 6 | 4 |
| 110 | 111 | | " " | M 155581 | 1 | <0.05 | <0.2 | <2 | 4 | 12 | 6 |
| 111 | 112 | | " " | M 155582 | 1 | <0.05 | <0.2 | <2 | 2 | 11 | 4 |
| 112 | 113 | | " " | M 155583 | 1 | <0.05 | <0.2 | <2 | <2 | 14 | 2 |
| 113 | 114 | | " " | M 155584 | 1 | <0.05 | <0.2 | 2 | <2 | 12 | 2 |
| 114 | 115 | | " " | M 155585 | 1 | <0.05 | <0.2 | <2 | <2 | 8 | 2 |
| 115 | 116 | | " " | M 155586 | 1 | <0.05 | <0.2 | <2 | 3 | 13 | 5 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z03-01
LENGTH: 235.7

| From | To | LITHOLOGY: Quartzite, very minor argillite interbeds. (4% argillite in section). |
|-------|-------|---|
| 115.5 | 118.0 | COLOR: Purple quartzite with widely scattered yellowish green argillite bands. |
| | | PRIMARY STRUCTURE: Medium to thick bedded, bedding is distinct and commonly way, quartzites are very fine grained, with thin yellowish green argillite bed partings |
| | | TECTONIC STRUCTURE: Very rare thin quartz veinlets. |
| | | GENERAL ALTERATION: Quartzites are intensely silicified with spotty sericitization, thin argillite interbeds are totally altered to yellowish green sericite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Very rare, very thin quartz – limonite veinlets associated with green sericitic argillite. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|-----|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 116 | 117 | | Rare very thing limonite veinlets associated with yellowish green sericitic argillite. | M 155587 | 1 | <0.05 | <0.2 | <2 | <2 | 11 | 4 |
| 117 | 118 | | Rare very thing limonite veinlets associated with yellowish green sericitic argillite. | M 155588 | 1 | <0.05 | <0.2 | <2 | <2 | 7 | 5 |

| From | To | LITHOLOGY: Argillite interbedded siltstone (40% siltstone). |
|-------|-------|---|
| 118.0 | 121.8 | COLOR: Grey banded lite grey and dark grey, some silver grey beds. |
| | | PRIMARY STRUCTURE: Very thin bedded, siltstone beds very fine grained, bedding is distinct, and locally distorted by soft sediment deformation ie: Ball and pillow structures, rare thin beds of mud chip breccia. Some thin lenticular beds of coarse grained quartz sand. |
| | | TECTONIC STRUCTURE: NIL |
| | | GENERAL ALTERATION: Argillite beds altered to muscovite phyllite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: No mineralization visable. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|-----|------------|---------------------------|------------|-------|--------|--------|--------|--------|--------|--------|
| 118 | 119 | | Very poor mineralization. | M 155589 | 1 | <0.05 | <0.2 | 2 | <2 | 12 | 4 |
| 119 | 120 | | Very poor mineralization. | M 155590 | 1 | <0.05 | <0.2 | <2 | 2 | 12 | 4 |
| 120 | 121 | | Very poor mineralization. | M 155591 | 1 | <0.05 | <0.2 | <2 | 3 | 14 | 4 |
| 121 | 122 | | Very poor mineralization. | M 155592 | 1 | <0.05 | <0.2 | 2 | <2 | 14 | 6 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z03-01
LENGTH: 235.7

| From | To | LITHOLOGY: Quartzite, minor interbedded argillite. |
|-------|-------|--|
| 121.8 | 130.0 | COLOR: Light grey to lite greenish grey and reddish brown quartzite, banded by yellowish green argillite. |
| | | PRIMARY STRUCTURE: Medium to thin bedded. |
| | | TECTONIC STRUCTURE: Quartz veins cut core at 30° to 60°. |
| | | GENERAL ALTERATION: Quartzite is intensely silicified, with yellowish green sericitization, argillite beds totally altered to yellowish green sericite. 178.0 – 130.0 abundantly disseminated brown iron-carbonate overprints all other forms of alteration. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: 124. – 127.0 best mineralized zone intense yellowish green. Muscovitization, associated with scattered quartz – limonite veinlets. 126.5 to 127.0 quartz vein cuts core at 30°, hosts abundant pyrite and limonite after pyrite, and rare malachite. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 122 | 123 | | Thin limonite quartz veinlets associate with intense yellowish green sericitization. | M 155593 | 1 | <0.05 | <0.2 | <2 | 3 | 3 | 11 |
| 123 | 124 | | Thin limonite quartz veinlets associate with intense yellowish green sericitization. | M 155594 | 1 | <0.05 | <0.2 | <2 | 4 | 4 | 4 |
| 124 | 124.5 | | Thin limonite quartz veinlets associate with intense yellowish green sericitization. | M 155595 | 0.5 | <0.05 | <0.2 | <2 | 3 | 6 | 2 |
| 124.5 | 125 | | Thin limonite quartz veinlets associate with intense yellowish green sericitization. | M 155596 | 0.5 | <0.05 | <0.2 | 2 | 7 | 6 | 6 |
| 125 | 125.5 | | Thin limonite quartz veinlets associate with intense yellowish green sericitization. Best Mineralization | M 155597 | 0.5 | <0.05 | <0.2 | <2 | 5 | 4 | 5 |
| 125.5 | 126 | | Thin limonite quartz veinlets associate with intense yellowish green sericitization. Best Mineralization. | M 155598 | 0.5 | <0.05 | <0.2 | <2 | 5 | 13 | 9 |
| 126 | 126.5 | | Thin limonite quartz veinlets associate with intense yellowish green sericitization. | M 155599 | 0.5 | <0.05 | <0.2 | 2 | 14 | 9 | 2 |
| 126.5 | 127 | | Thin limonite quartz veinlets associate with intense yellowish green sericitization. | M 155600 | 0.5 | <0.05 | 1.3 | <2 | 138 | 9 | 63 |
| | | | | | | | | | | | |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z03-01

LENGTH: 235.7

| From | To | LITHOLOGY: Quartzite, minor interbedded argillite (less the 4% argillite). |
|-------|-------|---|
| 130.0 | 179.8 | COLOR: Lite purple, quartzite, banded and streaked by dark purple and white, pale green argillite. |
| | | PRIMARY STRUCTURE: Thin to very thin bedded, generally very fine grained quartzite. Bedding is distinct commonly flat, and locally wavy. The sediments in this section are distinctly finely laminated by parallel lamination, and irregular subparallel lamina. Some ball and pillow structures noted on some bedding plains, argillite beds are thin and wispy laminated. |
| | | TECTONIC STRUCTURE: Bedding to core at 136.5 = 66°, @ 144.0 = 70° to core, rare quartz-limonite filled fractures at 50°, 60° and 10° to core, bedding to core at 176.0 = 66° to core. Fault at 165.0 m. cuts core at 65°, fault gauge 50 cm. thick, 165.0 to 160.5. Cleavage with good slickensides, parallel to bedding At 172.8 thin gouge filled shear cuts core at 25°. |
| | | GENERAL ALTERATION: Quartzite are intensely silicified and weak sericitic (white sericite). Argillite beds are rarely altered to yellowish green sericite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Mineralized veinlets are rare in this interval. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|------------|-----------------|------------|-------|--------|--------|--------|--------|--------|--------|
| 127 | 127.5 | | No Comments | M 155601 | 0.5 | <0.05 | <0.2 | <2 | 3 | 7 | 6 |
| 127.5 | 128.5 | | No Comments | M 155602 | 1 | <0.05 | <0.2 | <2 | 6 | 20 | 6 |
| 128.5 | 129.5 | | No Comments | M 155603 | 1 | <0.05 | <0.2 | <2 | 5 | 21 | 2 |
| 129.5 | 130.5 | | No Comments | M 155604 | 1 | <0.05 | <0.2 | <2 | 2 | 8 | 4 |
| 130.5 | 131.5 | | No Comments | M 155605 | 1 | <0.05 | <0.2 | <2 | <2 | 7 | 5 |
| 131.5 | 132.5 | | No Comments | M 155606 | 1 | <0.05 | <0.2 | <2 | 2 | 5 | 4 |
| 132.5 | 133.5 | | No Comments | M 155607 | 1 | <0.05 | <0.2 | <2 | 8 | 6 | 5 |
| 133.5 | 134.5 | | No Comments | M 155608 | 1 | <0.05 | <0.2 | <2 | 2 | 4 | 4 |
| 134.5 | 135.5 | | No Comments | M 155609 | 1 | <0.05 | <0.2 | <2 | 4 | 4 | 4 |
| 135.5 | 136.5 | | No Comments | M 155610 | 1 | <0.05 | <0.2 | <2 | <2 | 5 | 8 |
| 136.5 | 137.5 | | No Comments | M 155611 | 1 | <0.05 | <0.2 | <2 | 2 | 6 | 7 |
| 137.5 | 138.5 | | No Comments | M 155612 | 1 | <0.05 | <0.2 | <2 | 4 | 3 | 10 |
| 138.5 | 139.5 | | No Comments | M 155613 | 1 | <0.05 | <0.2 | <2 | 3 | 4 | 13 |
| 139.5 | 140.5 | | No Comments | M 155614 | 1 | <0.05 | <0.2 | <2 | 7 | 4 | 10 |
| 140.5 | 141.5 | | No Comments | M 155615 | 1 | <0.05 | <0.2 | <2 | 4 | 6 | 5 |
| 141.5 | 142.5 | | No Comments | M 155616 | 1 | <0.05 | <0.2 | <2 | 4 | 5 | 9 |
| 142.5 | 143.5 | | No Comments | M 155617 | 1 | <0.05 | <0.2 | <2 | 7 | 4 | 10 |
| 143.5 | 144.5 | | No Comments | M 155618 | 1 | <0.05 | <0.2 | <2 | 17 | 6 | 7 |
| GRAB | | | AT 151.4 METERS | M 155619 | | <0.05 | <0.2 | 3 | 12 | 4 | 16 |
| 160.5 | 161 | | No Comments | M 155620 | 0.5 | <0.05 | <0.2 | <2 | 22 | 9 | 5 |
| 161 | 161.5 | | No Comments | M 155621 | 0.5 | <0.05 | <0.2 | <2 | 8 | 2 | 10 |
| 161.5 | 162 | | No Comments | M 155622 | 0.5 | <0.05 | <0.2 | <2 | 8 | 8 | 8 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z03-01
LENGTH: 235.7

| From | To | LITHOLOGY: Hematitic argillite interbedded hematitic siltstone, with rare thin beds of earthy hematite. |
|-------|-------|---|
| 179.8 | 184.3 | COLOR: Generally purple, wispy laminated dark purple, and lite olive green. |
| | | PRIMARY STRUCTURE: Very thin bedded, bedding sharp and strongly distorted by soft sediment deformation. For example, small scale slump folds, irregular sand filled de-watering structures. Very thin massive hematite beds 2mm to 5 mm thick are typically pulled apart to form small clasts, wispy lenses. |
| | | TECTONIC STRUCTURE: Nil. |
| | | GENERAL ALTERATION: Hematitization and hematite beds are very likely syngenetic or at least diagenetic. Argillite beds are strongly sericite, but this is probably regional type alteration. Late sericite or muscovite belbs overprint all alteration types in this section; same irregular blebs and veinlets of late dalomite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Scattered and disrupted thin earthy hematite beds. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | LITHOLOGY: Mainly quartzite, and rare siltstone, with argillite bed partings, argillite forms less than 10% of this unit. |
|-------|-------|---|
| 184.3 | 211.5 | COLOR: Quartzites are mainly lite maroon, rarely lite purple, with thin irregular lineation by dark maroon and purple. |
| | | PRIMARY STRUCTURE: Medium to thin bedded, bedding sharp and wavy to locally distorted, thin green and grey argillite bed parting are strongly distorted by soft sediment deformation structures, quartzite beds are very fine grained, and commonly finely laminated by parallel and very fine irregular lamina. Bedding to core axis at 207 = 65°. |
| | | TECTONIC STRUCTURE: Widely scattered veinlets at 80°, 42° and 30° to core axis. |
| | | GENERAL ALTERATION: Quartzite are generally silicified and sericite, argillite beds are altered mainly to green sericite, quartzite are all weakly hematitic. This is regional alteration. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: The above described veinlets range in thickness between 2mm and 10 m. The veinlets are mainly white quartz with minor dolomite, and very rare crystals of specularite. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | LITHOLOGY: Quartzite interbedded argillite (unite is 10% argillite by volume). |
|-------|-------|---|
| 211.5 | 215.7 | COLOR: Lite maroon quartzite thin beds of apple green – yellow green argillite. |
| | | PRIMARY STRUCTURE: Medium bedded, quartzite with thin argillite bed partings, bedding is sharp and distorted by soft sediment deformation. Quartzite beds are very fine grained and are rarely laminated. Argillite beds are distorted and wispy laminated. |
| | | TECTONIC STRUCTURE: quartz veinlets (fractures) as previously described. |
| | | GENERAL ALTERATION: Quartzites are intensely silicified and weakly hematic, argillite beds are totally altered to yellowish green sericite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Rare quartz veins as previous described this vein are not mineralized by sulphides or oxides. |
| | | ADDITIONAL OBSERVATIONS: |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z03-01

LENGTH: 235.7

| From | To | LITHOLOGY: Quartzite, minor argillite as thin bed partings. |
|-------|-------|--|
| 215.7 | 229.6 | COLOR: Lite purple and whitish grey quartzites. |
| | | PRIMARY STRUCTURE: General medium bedded, 223.2 to 224.7 thick bedded, bedding is distinct and wavy. Most of the quartzite beds are faintly laminated, lamina is usually wispy and discontinuous beds are rarely parallel laminated. |
| | | TECTONIC STRUCTURE: |
| | | GENERAL ALTERATION: Quartzites are in general intensely silicified, sericitic and weakly hematitic. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: NIL. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | LITHOLOGY: Mainly quartzite with minor argillite interbeds, (argillite 5% by volume). |
|-------|-------|--|
| 229.6 | 235.7 | COLOR: Quartzites are lite maroon striped by dark maroon, some green quartzites, interbedded green and yellow argillite. |
| | | PRIMARY STRUCTURE: Medium to thin bedded, rarely very thin bedded. Bedding is sharp, generally wispy and wavy. Quartzites are fine grained and irregularly laminated by hematization, argillite interbeds at 235.0. Bedding to core axis is 68°. |
| END | | TECTONIC STRUCTURE: |
| OF | | GENERAL ALTERATION: Quartzites are silicified, sericitized and hematized. |
| HOLE | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Rare quartz veinlets cut core at 23° host minor limonite after siderite? |
| | | ADDITIONAL OBSERVATIONS: |



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Page #: 1
Date : 24-Jun-2003
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CERTIFICATE VA03020778

Project : Z-03-01

P.O. No:

This report is for 33 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 16-Jun-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| CRU-21 | Crush entire sample 70% < 6 mm |
| PUL-21 | Pulverize entire sample |
| SCR-21 | Screen to -100 um |
| LOG-22 | Sample login - Rod w/o BarCode |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
104-135 10TH AVE S
CRANBROOK BC V1C 2N1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



ALS Chemex

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To: CHAPLEAU RESOURCES
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Page #: 2 - A
Total # of pages : 2 (A - C)
Date : 24-Jun-2003
Account: NJY

Project : Z-03-01

CERTIFICATE OF ANALYSIS VA03020778

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M155421 | | 2.26 | <0.05 | <0.05 | <0.05 | <0.001 | 20.22 | 2149 | 0.01 | <0.01 | <0.2 | 0.28 | <2 | <10 | 120 | <0.5 |
| M155422 | | 2.42 | <0.05 | 0.80 | <0.05 | 0.010 | 12.48 | 2331 | <0.01 | <0.01 | <0.2 | 0.32 | <2 | <10 | 120 | <0.5 |
| M155423 | | 2.22 | <0.05 | 0.95 | <0.05 | 0.005 | 5.29 | 2153 | <0.01 | <0.01 | <0.2 | 0.18 | <2 | <10 | 120 | <0.5 |
| M155424 | | 2.94 | <0.05 | <0.05 | <0.05 | <0.001 | 15.78 | 2812 | <0.01 | <0.01 | <0.2 | 0.22 | <2 | <10 | 130 | <0.5 |
| M155425 | | 2.62 | <0.05 | 0.87 | <0.05 | 0.010 | 11.55 | 2516 | <0.01 | <0.01 | <0.2 | 0.27 | <2 | <10 | 140 | <0.5 |
| M155426 | | 2.18 | <0.05 | 0.07 | <0.05 | 0.001 | 13.46 | 2093 | <0.01 | <0.01 | <0.2 | 0.24 | <2 | <10 | 340 | <0.5 |
| M155427 | | 3.12 | <0.05 | <0.05 | <0.05 | <0.001 | 18.33 | 2957 | <0.01 | <0.01 | <0.2 | 0.24 | <2 | <10 | 90 | <0.5 |
| M155428 | | 2.50 | <0.05 | <0.05 | <0.05 | <0.001 | 18.23 | 2389 | <0.01 | <0.01 | <0.2 | 0.20 | <2 | <10 | 110 | <0.5 |
| M155429 | | 2.38 | <0.05 | <0.05 | <0.05 | <0.001 | 10.23 | 2315 | <0.01 | <0.01 | <0.2 | 0.19 | <2 | <10 | 170 | <0.5 |
| M155430 | | 2.92 | <0.05 | <0.05 | <0.05 | <0.001 | 10.24 | 2779 | <0.01 | <0.01 | <0.2 | 0.24 | <2 | <10 | 150 | <0.5 |
| M155431 | | 2.04 | <0.05 | <0.05 | <0.05 | <0.001 | 7.79 | 1969.5 | <0.01 | <0.01 | <0.2 | 0.22 | <2 | <10 | 90 | <0.5 |
| M155432 | | 1.38 | <0.05 | <0.05 | <0.05 | <0.001 | 7.20 | 1211.0 | <0.01 | <0.01 | <0.2 | 0.15 | <2 | <10 | 80 | <0.5 |
| M155433 | | 2.06 | <0.05 | <0.05 | <0.05 | <0.001 | 12.26 | 1751.5 | <0.01 | <0.01 | <0.2 | 0.15 | <2 | <10 | 60 | <0.5 |
| M155434 | | 1.90 | <0.05 | <0.05 | <0.05 | <0.001 | 17.60 | 1385.5 | <0.01 | <0.01 | <0.2 | 0.16 | <2 | <10 | 70 | <0.5 |
| M155435 | | 2.16 | <0.05 | <0.05 | <0.05 | <0.001 | 17.88 | 1805.0 | <0.01 | <0.01 | <0.2 | 0.19 | <2 | <10 | 170 | <0.5 |
| M155436 | | 2.24 | <0.05 | <0.05 | <0.05 | <0.001 | 20.65 | 2049 | <0.01 | <0.01 | <0.2 | 0.22 | <2 | <10 | 370 | <0.5 |
| M155437 | | 1.56 | <0.05 | <0.05 | <0.05 | <0.001 | 21.18 | 1382.5 | <0.01 | 0.01 | <0.2 | 0.20 | <2 | <10 | 110 | <0.5 |
| M155438 | | 1.88 | <0.05 | <0.05 | <0.05 | <0.001 | 10.24 | 1571.5 | <0.01 | <0.01 | <0.2 | 0.19 | <2 | <10 | 390 | <0.5 |
| M155439 | | 2.18 | <0.05 | <0.05 | <0.05 | <0.001 | 24.85 | 1965.0 | <0.01 | <0.01 | <0.2 | 0.24 | <2 | <10 | 140 | <0.5 |
| M155440 | | 3.08 | <0.05 | <0.05 | <0.05 | <0.001 | 18.76 | 2803 | <0.01 | <0.01 | <0.2 | 0.22 | <2 | <10 | 170 | <0.5 |
| M155441 | | 2.42 | <0.05 | <0.05 | <0.05 | <0.001 | 20.09 | 2293 | <0.01 | 0.01 | <0.2 | 0.20 | <2 | <10 | 120 | <0.5 |
| M155442 | | 2.76 | <0.05 | <0.05 | <0.05 | <0.001 | 8.96 | 2544 | 0.01 | <0.01 | <0.2 | 0.16 | <2 | <10 | 170 | <0.5 |
| M155443 | | 1.40 | <0.05 | <0.05 | <0.05 | <0.001 | 8.46 | 1264.0 | 0.01 | 0.01 | <0.2 | 0.18 | <2 | <10 | 120 | <0.5 |
| M155444 | | 2.06 | <0.05 | <0.05 | <0.05 | <0.001 | 3.22 | 1656.0 | 0.01 | 0.01 | <0.2 | 0.16 | <2 | <10 | 330 | <0.5 |
| M155445 | | 1.66 | <0.05 | <0.05 | <0.05 | <0.001 | 11.10 | 1456.5 | <0.01 | <0.01 | <0.2 | 0.12 | <2 | <10 | 260 | <0.5 |
| M155446 | | 1.08 | <0.05 | <0.05 | <0.05 | <0.001 | 2.99 | 1011.0 | <0.01 | <0.01 | <0.2 | 0.17 | <2 | <10 | 250 | <0.5 |
| M155447 | | 1.52 | <0.05 | <0.05 | <0.05 | <0.001 | 13.92 | 1385.5 | <0.01 | <0.01 | <0.2 | 0.12 | <2 | <10 | 270 | <0.5 |
| M155448 | | 1.28 | <0.05 | <0.05 | <0.05 | <0.001 | 10.91 | 1183.0 | <0.01 | 0.01 | <0.2 | 0.13 | <2 | <10 | 140 | <0.5 |
| M155449 | | 1.44 | <0.05 | <0.05 | <0.05 | <0.001 | 10.85 | 1351.5 | <0.01 | 0.01 | <0.2 | 0.09 | <2 | <10 | 900 | <0.5 |
| M155450 | | 1.10 | <0.05 | <0.05 | <0.05 | <0.001 | 37.28 | 998.6 | <0.01 | 0.01 | <0.2 | 0.17 | <2 | <10 | 80 | <0.5 |
| M155451 | | 0.80 | <0.05 | <0.05 | <0.05 | <0.001 | 10.76 | 721.1 | <0.01 | <0.01 | <0.2 | 0.14 | <2 | <10 | 80 | <0.5 |
| M155452 | | 1.08 | <0.05 | <0.05 | <0.05 | <0.001 | 36.42 | 927.0 | <0.01 | <0.01 | <0.2 | 0.20 | <2 | <10 | 230 | <0.5 |
| M155453 | | 1.18 | <0.05 | <0.05 | <0.05 | <0.001 | 34.84 | 1068.5 | <0.01 | <0.01 | <0.2 | 0.16 | <2 | <10 | 160 | <0.5 |



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Page #: 2 - B
Total # of pages : 2 (A - C)
Date : 24-Jun-2003
Account: NJY

Project : Z-03-01

CERTIFICATE OF ANALYSIS VA03020778

| Sample Description | Method Analyte Units LOR | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 |
|--------------------|-----------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M155421 | | <2 | 0.04 | 1.7 | 3 | 5 | 4 | 1.04 | <10 | <1 | 0.16 | 20 | 0.03 | 206 | <1 | 0.03 |
| M155422 | | <2 | 0.03 | 0.7 | 3 | 4 | 3 | 1.02 | <10 | <1 | 0.18 | 30 | 0.03 | 169 | <1 | 0.03 |
| M155423 | | <2 | 0.02 | 0.8 | 2 | 5 | 5 | 1.00 | <10 | <1 | 0.08 | 10 | 0.02 | 192 | <1 | 0.04 |
| M155424 | | <2 | 0.02 | 1.0 | 2 | 5 | 10 | 0.84 | <10 | <1 | 0.11 | 20 | 0.03 | 122 | <1 | 0.03 |
| M155425 | | <2 | 0.01 | 1.0 | 3 | 4 | 17 | 0.99 | <10 | <1 | 0.15 | 30 | 0.02 | 193 | <1 | 0.02 |
| M155426 | | <2 | 0.04 | 0.9 | 3 | 4 | 12 | 0.99 | <10 | <1 | 0.13 | 20 | 0.02 | 174 | 1 | 0.03 |
| M155427 | | <2 | 0.07 | 1.9 | 3 | 4 | 6 | 0.90 | <10 | <1 | 0.14 | 20 | 0.04 | 163 | <1 | 0.02 |
| M155428 | | <2 | 0.11 | 1.5 | 2 | 5 | 3 | 0.90 | <10 | <1 | 0.12 | 20 | 0.05 | 203 | <1 | 0.03 |
| M155429 | | <2 | 0.16 | 1.6 | 2 | 6 | 5 | 0.96 | <10 | <1 | 0.10 | 20 | 0.06 | 230 | <1 | 0.03 |
| M155430 | | <2 | 0.11 | 1.4 | 3 | 44 | 7 | 0.94 | <10 | <1 | 0.13 | 20 | 0.07 | 217 | 1 | 0.02 |
| M155431 | | <2 | 0.05 | 0.9 | 4 | 27 | 5 | 0.82 | <10 | <1 | 0.11 | 20 | 0.05 | 223 | <1 | 0.01 |
| M155432 | | <2 | 0.08 | 0.8 | 3 | 67 | 6 | 0.62 | <10 | <1 | 0.09 | 20 | 0.04 | 208 | 2 | 0.01 |
| M155433 | | <2 | 0.04 | 0.5 | 2 | 53 | 4 | 0.56 | <10 | <1 | 0.07 | 20 | 0.03 | 171 | 1 | 0.01 |
| M155434 | | <2 | 0.04 | <0.5 | 1 | 68 | 9 | 0.56 | <10 | <1 | 0.06 | 20 | 0.04 | 255 | 4 | 0.02 |
| M155435 | | <2 | 0.29 | <0.5 | 3 | 51 | 4 | 0.77 | <10 | <1 | 0.11 | 20 | 0.09 | 356 | 3 | 0.01 |
| M155436 | | <2 | 0.46 | <0.5 | 5 | 57 | 14 | 1.10 | <10 | <1 | 0.11 | 20 | 0.17 | 444 | 8 | 0.02 |
| M155437 | | <2 | 0.09 | <0.5 | 3 | 71 | 4 | 0.88 | <10 | <1 | 0.09 | 20 | 0.06 | 355 | 4 | 0.02 |
| M155438 | | <2 | 0.31 | <0.5 | 3 | 82 | 5 | 0.88 | <10 | <1 | 0.08 | 10 | 0.09 | 370 | 4 | 0.02 |
| M155439 | | <2 | 0.21 | <0.5 | 5 | 76 | 7 | 1.21 | <10 | <1 | 0.14 | 50 | 0.10 | 438 | 15 | 0.01 |
| M155440 | | <2 | 0.41 | <0.5 | 5 | 49 | 3 | 0.89 | <10 | <1 | 0.14 | 20 | 0.12 | 372 | 1 | 0.01 |
| M155441 | | <2 | 0.19 | <0.5 | 5 | 86 | 4 | 1.23 | <10 | <1 | 0.12 | 20 | 0.09 | 280 | 2 | 0.02 |
| M155442 | | <2 | 0.16 | <0.5 | 3 | 88 | 7 | 1.08 | <10 | <1 | 0.10 | 20 | 0.06 | 210 | 2 | 0.02 |
| M155443 | | <2 | 0.14 | <0.5 | 3 | 68 | 3 | 0.89 | <10 | <1 | 0.11 | 20 | 0.04 | 268 | 1 | 0.01 |
| M155444 | | <2 | 0.10 | <0.5 | 4 | 94 | 6 | 0.84 | <10 | <1 | 0.10 | 20 | 0.06 | 369 | 3 | 0.02 |
| M155445 | | <2 | 0.07 | <0.5 | 2 | 116 | 7 | 0.79 | <10 | <1 | 0.07 | 20 | 0.04 | 174 | 3 | 0.02 |
| M155446 | | <2 | 0.08 | <0.5 | 3 | 259 | 13 | 1.01 | <10 | <1 | 0.11 | 20 | 0.05 | 154 | 5 | 0.03 |
| M155447 | | <2 | 0.07 | <0.5 | 2 | 89 | 10 | 0.84 | <10 | <1 | 0.08 | 20 | 0.04 | 159 | 2 | 0.02 |
| M155448 | | <2 | 0.07 | <0.5 | 3 | 73 | 5 | 0.72 | <10 | <1 | 0.10 | 20 | 0.04 | 112 | 1 | 0.01 |
| M155449 | | <2 | 0.04 | <0.5 | 1 | 115 | 8 | 0.85 | <10 | <1 | 0.04 | 10 | 0.02 | 204 | 3 | 0.03 |
| M155450 | | <2 | 0.06 | <0.5 | 3 | 92 | 5 | 0.82 | <10 | <1 | 0.11 | 30 | 0.04 | 142 | 2 | 0.01 |
| M155451 | | <2 | 0.02 | <0.5 | 2 | 192 | 8 | 0.89 | <10 | <1 | 0.07 | 30 | 0.03 | 191 | 4 | 0.02 |
| M155452 | | <2 | 0.05 | <0.5 | 2 | 112 | 6 | 0.73 | <10 | <1 | 0.10 | 30 | 0.08 | 176 | 2 | 0.02 |
| M155453 | | <2 | 0.07 | <0.5 | 3 | 135 | 7 | 0.74 | <10 | <1 | 0.10 | 20 | 0.05 | 152 | 3 | 0.02 |



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Page #: 2 - C
Total # of pages : 2 (A - C)
Date : 24-Jun-2003
Account: NJY

Project : Z-03-01

CERTIFICATE OF ANALYSIS VA03020778

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|-----------|----------|-----------|----------|----------|----------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Ti | U | V | W | Zn |
| | | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 | ppm 1 | ppm 1 | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| M155421 | | 4 | 160 | 9 | <0.01 | <2 | 1 | 4 | 0.01 | <10 | <10 | 3 | <10 | 91 |
| M155422 | | 3 | 160 | 4 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 37 |
| M155423 | | 1 | 90 | 34 | 0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 35 |
| M155424 | | 2 | 70 | 13 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 60 |
| M155425 | | 3 | 120 | 34 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 67 |
| M155426 | | 3 | 210 | 11 | 0.01 | <2 | 1 | 9 | <0.01 | <10 | <10 | 2 | <10 | 49 |
| M155427 | | 4 | 220 | 7 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 87 |
| M155428 | | 3 | 100 | 4 | <0.01 | <2 | 1 | 6 | 0.01 | <10 | <10 | 2 | <10 | 56 |
| M155429 | | 2 | 60 | 3 | <0.01 | <2 | 1 | 6 | 0.01 | <10 | <10 | 2 | <10 | 65 |
| M155430 | | 6 | 140 | 4 | <0.01 | <2 | 1 | 7 | 0.01 | <10 | <10 | 3 | <10 | 84 |
| M155431 | | 5 | 210 | 4 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 61 |
| M155432 | | 7 | 180 | 3 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 53 |
| M155433 | | 3 | 140 | 3 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 20 |
| M155434 | | 5 | 100 | 5 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 11 |
| M155435 | | 5 | 130 | 5 | <0.01 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 13 |
| M155436 | | 9 | 170 | 22 | 0.01 | <2 | 1 | 15 | <0.01 | <10 | <10 | 2 | <10 | 18 |
| M155437 | | 7 | 150 | 2 | <0.01 | <2 | 1 | 3 | 0.01 | <10 | <10 | 2 | <10 | 12 |
| M155438 | | 8 | 120 | 2 | 0.01 | <2 | 1 | 9 | <0.01 | <10 | <10 | 2 | <10 | 13 |
| M155439 | | 14 | 220 | 19 | <0.01 | <2 | 1 | 7 | <0.01 | <10 | <10 | 1 | <10 | 19 |
| M155440 | | 7 | 230 | 2 | <0.01 | <2 | 1 | 10 | <0.01 | <10 | <10 | 3 | <10 | 16 |
| M155441 | | 10 | 170 | 4 | <0.01 | <2 | 1 | 6 | 0.01 | <10 | <10 | 4 | <10 | 16 |
| M155442 | | 7 | 180 | 5 | <0.01 | <2 | <1 | 7 | 0.01 | <10 | <10 | 3 | <10 | 8 |
| M155443 | | 7 | 400 | 2 | <0.01 | <2 | <1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 9 |
| M155444 | | 8 | 200 | 6 | 0.01 | <2 | <1 | 6 | <0.01 | <10 | <10 | 1 | <10 | 11 |
| M155445 | | 7 | 70 | 4 | <0.01 | <2 | <1 | 8 | 0.01 | <10 | <10 | 2 | <10 | 6 |
| M155446 | | 12 | 100 | 4 | <0.01 | <2 | <1 | 5 | 0.01 | <10 | <10 | 3 | <10 | 7 |
| M155447 | | 6 | 70 | 3 | 0.01 | <2 | <1 | 9 | 0.01 | <10 | <10 | 2 | <10 | 6 |
| M155448 | | 6 | 110 | 3 | <0.01 | <2 | <1 | 8 | <0.01 | <10 | <10 | 1 | <10 | 10 |
| M155449 | | 6 | 70 | 3 | 0.02 | <2 | 1 | 20 | 0.01 | <10 | <10 | 2 | <10 | 4 |
| M155450 | | 7 | 240 | 2 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 11 |
| M155451 | | 9 | 90 | 2 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 7 |
| M155452 | | 7 | 170 | 2 | <0.01 | <2 | <1 | 5 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| M155453 | | 8 | 110 | 3 | <0.01 | <2 | <1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 8 |



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Page #: 1
Date : 24-Jun-2003
Account: NJY

CERTIFICATE VA03021414

Project : Z-03-01

P.O. No:

This report is for 38 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 19-Jun-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-21 | Crush entire sample 70% < 6 mm |
| PUL-21 | Pulverize entire sample |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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CRANBROOK BC V1C 2N1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Page #: 2 - A
Total # of pages : 2 (A - C)
Date : 24-Jun-2003
Account: NJY

Project : 2-03-01

CERTIFICATE OF ANALYSIS VA03021414

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 S ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M155581 | | 2.00 | <0.05 | <0.05 | <0.05 | <0.001 | 9.00 | 1951.5 | <0.01 | <0.01 | <0.2 | 0.21 | <2 | <10 | 20 | <0.5 |
| M155582 | | 2.94 | <0.05 | <0.05 | <0.05 | <0.001 | 8.84 | 2857 | 0.01 | <0.01 | <0.2 | 0.29 | <2 | <10 | 30 | <0.5 |
| M155583 | | 2.78 | <0.05 | <0.05 | <0.05 | <0.001 | 9.01 | 2726 | <0.01 | <0.01 | <0.2 | 0.28 | <2 | <10 | 50 | <0.5 |
| M155584 | | 1.98 | <0.05 | <0.05 | <0.05 | <0.001 | 4.78 | 1919.0 | <0.01 | <0.01 | <0.2 | 0.28 | 2 | <10 | 60 | <0.5 |
| M155585 | | 2.48 | <0.05 | <0.05 | <0.05 | <0.001 | 7.31 | 2438 | <0.01 | <0.01 | <0.2 | 0.30 | <2 | <10 | 60 | <0.5 |
| M155586 | | 2.22 | <0.05 | 0.53 | <0.05 | 0.004 | 7.51 | 2149 | <0.01 | 0.01 | <0.2 | 0.24 | <2 | <10 | 230 | <0.5 |
| M155587 | | 2.74 | <0.05 | <0.05 | <0.05 | <0.001 | 11.06 | 2672 | 0.01 | <0.01 | <0.2 | 0.37 | <2 | <10 | 150 | <0.5 |
| M155588 | | 2.16 | <0.05 | <0.05 | <0.05 | <0.001 | 8.20 | 2201 | <0.01 | <0.01 | <0.2 | 0.30 | <2 | <10 | 60 | <0.5 |
| M155589 | | 2.56 | <0.05 | <0.05 | <0.05 | <0.001 | 13.41 | 2399 | <0.01 | <0.01 | <0.2 | 0.33 | 2 | <10 | 80 | <0.5 |
| M155590 | | 2.52 | <0.05 | <0.05 | <0.05 | <0.001 | 5.92 | 2448 | <0.01 | <0.01 | <0.2 | 0.37 | <2 | <10 | 100 | <0.5 |
| M155591 | | 2.50 | <0.05 | <0.05 | <0.05 | <0.001 | 3.20 | 2452 | <0.01 | <0.01 | <0.2 | 0.33 | <2 | <10 | 70 | <0.5 |
| M155592 | | 2.38 | <0.05 | <0.05 | <0.05 | <0.001 | 4.94 | 2321 | 0.01 | <0.01 | <0.2 | 0.33 | 2 | <10 | 120 | <0.5 |
| M155593 | | 2.96 | <0.05 | <0.05 | <0.05 | <0.001 | 4.06 | 2887 | <0.01 | <0.01 | <0.2 | 0.19 | <2 | <10 | 20 | <0.5 |
| M155594 | | 2.18 | <0.05 | <0.05 | <0.05 | <0.001 | 10.30 | 2144 | <0.01 | <0.01 | <0.2 | 0.22 | <2 | <10 | 30 | <0.5 |
| M155595 | | 0.78 | <0.05 | <0.05 | <0.05 | <0.001 | 4.23 | 732.7 | <0.01 | <0.01 | <0.2 | 0.28 | <2 | <10 | 50 | <0.5 |
| M155596 | | 0.86 | <0.05 | <0.05 | <0.05 | <0.001 | 6.98 | 805.5 | 0.03 | <0.01 | <0.2 | 0.29 | 2 | <10 | 50 | <0.5 |
| M155597 | | 1.32 | <0.05 | <0.05 | <0.05 | <0.001 | 12.24 | 1255.5 | <0.01 | 0.01 | <0.2 | 0.20 | <2 | <10 | 30 | <0.5 |
| M155598 | | 1.64 | <0.05 | <0.05 | <0.05 | <0.001 | 3.75 | 1578.0 | 0.04 | <0.01 | <0.2 | 0.28 | <2 | <10 | 60 | <0.5 |
| M155599 | | 0.96 | <0.05 | <0.05 | <0.05 | <0.001 | 5.87 | 920.9 | <0.01 | <0.01 | <0.2 | 0.27 | 2 | <10 | 50 | <0.5 |
| M155600 | | 1.10 | <0.05 | <0.05 | <0.05 | <0.001 | 6.92 | 1058.0 | 0.01 | 0.02 | 1.3 | 0.06 | <2 | <10 | 130 | <0.5 |
| M155601 | | 1.04 | <0.05 | <0.05 | <0.05 | <0.001 | 3.97 | 1003.5 | 0.01 | <0.01 | <0.2 | 0.30 | <2 | <10 | 80 | <0.5 |
| M155602 | | 2.48 | <0.05 | <0.05 | <0.05 | <0.001 | 10.81 | 2406 | <0.01 | <0.01 | <0.2 | 0.22 | <2 | <10 | 50 | <0.5 |
| M155603 | | 2.12 | <0.05 | <0.05 | <0.05 | <0.001 | 5.69 | 2060 | <0.01 | <0.01 | <0.2 | 0.20 | <2 | <10 | 40 | <0.5 |
| M155604 | | 2.90 | <0.05 | <0.05 | <0.05 | <0.001 | 5.56 | 2834 | <0.01 | <0.01 | <0.2 | 0.24 | <2 | <10 | 160 | <0.5 |
| M155605 | | 2.12 | <0.05 | <0.05 | <0.05 | <0.001 | 7.95 | 2048 | <0.01 | <0.01 | <0.2 | 0.23 | <2 | <10 | 150 | <0.5 |
| M155606 | | 3.64 | <0.05 | <0.05 | <0.05 | <0.001 | 7.42 | 3565 | <0.01 | <0.01 | <0.2 | 0.22 | <2 | <10 | 130 | <0.5 |
| M155607 | | 2.36 | <0.05 | <0.05 | <0.05 | <0.001 | 5.42 | 2295 | <0.01 | <0.01 | <0.2 | 0.23 | <2 | <10 | 170 | <0.5 |
| M155608 | | 2.40 | <0.05 | <0.05 | <0.05 | <0.001 | 18.71 | 2316 | <0.01 | <0.01 | <0.2 | 0.25 | <2 | <10 | 130 | <0.5 |
| M155609 | | 2.46 | <0.05 | <0.05 | <0.05 | <0.001 | 18.47 | 2389 | <0.01 | <0.01 | <0.2 | 0.24 | <2 | <10 | 60 | <0.5 |
| M155610 | | 2.42 | <0.05 | <0.05 | <0.05 | <0.001 | 9.02 | 2343 | <0.01 | <0.01 | <0.2 | 0.22 | <2 | <10 | 280 | <0.5 |
| M155611 | | 2.04 | <0.05 | <0.05 | <0.05 | <0.001 | 8.24 | 1986.5 | <0.01 | <0.01 | <0.2 | 0.23 | <2 | <10 | 480 | <0.5 |
| M155612 | | 2.20 | <0.05 | <0.05 | <0.05 | <0.001 | 12.63 | 2143 | <0.01 | <0.01 | <0.2 | 0.19 | <2 | <10 | 210 | <0.5 |
| M155613 | | 2.64 | <0.05 | <0.05 | <0.05 | <0.001 | 17.49 | 2547 | <0.01 | <0.01 | <0.2 | 0.20 | <2 | <10 | 330 | <0.5 |
| M155614 | | 2.60 | <0.05 | <0.05 | <0.05 | <0.001 | 4.47 | 2515 | <0.01 | <0.01 | <0.2 | 0.19 | <2 | <10 | 920 | <0.5 |
| M155615 | | 2.68 | <0.05 | <0.05 | <0.05 | <0.001 | 18.56 | 2600 | <0.01 | <0.01 | <0.2 | 0.19 | <2 | <10 | 170 | <0.5 |
| M155616 | | 2.82 | <0.05 | <0.05 | <0.05 | <0.001 | 18.13 | 2734 | 0.03 | <0.01 | <0.2 | 0.23 | <2 | <10 | 160 | <0.5 |
| M155617 | | 2.26 | <0.05 | <0.05 | <0.05 | <0.001 | 13.35 | 2198 | <0.01 | <0.01 | <0.2 | 0.20 | <2 | <10 | 170 | <0.5 |
| M155618 | | 2.74 | <0.05 | <0.05 | <0.05 | <0.001 | 6.90 | 2668 | <0.01 | <0.01 | <0.2 | 0.26 | <2 | <10 | 280 | <0.5 |



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Page #: 2 - B
Total # of pages : 2 (A - C)
Date : 24-Jun-2003
Account: NJY

Project : 2-03-01

CERTIFICATE OF ANALYSIS VA03021414

| Sample Description | Method Analyte Units LOR | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 |
|--------------------|-----------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M155581 | | <2 | 0.33 | <0.5 | 2 | 13 | 6 | 1.36 | <10 | <1 | 0.12 | 20 | 0.31 | 132 | <1 | <0.01 |
| M155582 | | <2 | 0.29 | <0.5 | 2 | 8 | 4 | 0.73 | <10 | <1 | 0.17 | 20 | 0.31 | 104 | <1 | <0.01 |
| M155583 | | <2 | 1.08 | <0.5 | 2 | 3 | 2 | 0.74 | <10 | <1 | 0.21 | 20 | 0.42 | 186 | <1 | <0.01 |
| M155584 | | <2 | 0.29 | <0.5 | 3 | 4 | 2 | 0.65 | <10 | <1 | 0.22 | 20 | 0.11 | 156 | <1 | <0.01 |
| M155585 | | <2 | 0.64 | <0.5 | 2 | 4 | 2 | 0.96 | <10 | <1 | 0.19 | 30 | 0.36 | 226 | <1 | 0.02 |
| M155586 | | <2 | 0.46 | <0.5 | 3 | 4 | 5 | 0.95 | <10 | <1 | 0.14 | 30 | 0.31 | 215 | 1 | 0.02 |
| M155587 | | <2 | 0.56 | <0.5 | 3 | 67 | 4 | 0.71 | <10 | <1 | 0.24 | 30 | 0.35 | 229 | 1 | 0.02 |
| M155588 | | <2 | 0.44 | <0.5 | 3 | 106 | 5 | 0.79 | <10 | <1 | 0.20 | 30 | 0.30 | 200 | 2 | 0.02 |
| M155589 | | <2 | 0.50 | <0.5 | 5 | 84 | 4 | 0.96 | <10 | <1 | 0.23 | 30 | 0.42 | 290 | 2 | 0.02 |
| M155590 | | <2 | 0.47 | <0.5 | 5 | 78 | 4 | 1.01 | <10 | <1 | 0.27 | 30 | 0.40 | 270 | 2 | 0.01 |
| M155591 | | <2 | 0.57 | <0.5 | 7 | 105 | 4 | 1.68 | <10 | <1 | 0.24 | 30 | 0.47 | 489 | 2 | 0.01 |
| M155592 | | <2 | 0.43 | <0.5 | 5 | 146 | 6 | 1.80 | <10 | <1 | 0.24 | 20 | 0.36 | 347 | 3 | 0.01 |
| M155593 | | <2 | 0.59 | <0.5 | 2 | 310 | 11 | 0.66 | <10 | <1 | 0.16 | 20 | 0.29 | 194 | 6 | 0.01 |
| M155594 | | <2 | 0.62 | <0.5 | 2 | 5 | 4 | 1.20 | <10 | <1 | 0.15 | 20 | 0.31 | 240 | <1 | 0.02 |
| M155595 | | <2 | 0.68 | <0.5 | 2 | 3 | 2 | 0.62 | <10 | <1 | 0.22 | 30 | 0.32 | 226 | <1 | 0.01 |
| M155596 | | <2 | 0.63 | <0.5 | 2 | 6 | 6 | 1.33 | <10 | <1 | 0.18 | 30 | 0.34 | 238 | <1 | 0.01 |
| M155597 | | <2 | 0.58 | <0.5 | 2 | 3 | 5 | 0.65 | <10 | <1 | 0.12 | 20 | 0.37 | 231 | <1 | 0.01 |
| M155598 | | <2 | 0.39 | <0.5 | 7 | 6 | 9 | 1.71 | <10 | <1 | 0.19 | 20 | 0.23 | 282 | <1 | <0.01 |
| M155599 | | <2 | 0.04 | <0.5 | 12 | 5 | 2 | 1.01 | <10 | <1 | 0.16 | 20 | 0.15 | 135 | <1 | <0.01 |
| M155600 | | 4 | 0.02 | <0.5 | 56 | 22 | 63 | 1.52 | <10 | <1 | 0.06 | <10 | 0.02 | 71 | 3 | <0.01 |
| M155601 | | <2 | 0.06 | <0.5 | 6 | 3 | 6 | 0.89 | <10 | <1 | 0.25 | 20 | 0.04 | 54 | <1 | <0.01 |
| M155602 | | <2 | 0.55 | <0.5 | 6 | 61 | 6 | 0.71 | <10 | <1 | 0.19 | 30 | 0.25 | 79 | 1 | <0.01 |
| M155603 | | <2 | 0.58 | <0.5 | 6 | 45 | 2 | 0.70 | <10 | <1 | 0.18 | 30 | 0.38 | 142 | 1 | <0.01 |
| M155604 | | <2 | 0.62 | <0.5 | 4 | 48 | 4 | 0.54 | <10 | <1 | 0.18 | 30 | 0.39 | 320 | 1 | 0.01 |
| M155605 | | <2 | 0.21 | <0.5 | 3 | 77 | 5 | 1.09 | <10 | <1 | 0.15 | 20 | 0.20 | 186 | 2 | 0.02 |
| M155606 | | <2 | 0.19 | <0.5 | 3 | 59 | 4 | 1.00 | <10 | <1 | 0.15 | 30 | 0.14 | 176 | 1 | 0.02 |
| M155607 | | <2 | 0.15 | <0.5 | 3 | 43 | 5 | 1.02 | <10 | <1 | 0.17 | 30 | 0.16 | 192 | 1 | 0.02 |
| M155608 | | <2 | 0.16 | <0.5 | 3 | 65 | 4 | 0.82 | <10 | <1 | 0.16 | 20 | 0.12 | 142 | 1 | 0.03 |
| M155609 | | <2 | 0.15 | <0.5 | 3 | 70 | 4 | 0.98 | <10 | <1 | 0.15 | 30 | 0.12 | 119 | 2 | 0.02 |
| M155610 | | <2 | 0.23 | <0.5 | 3 | 73 | 8 | 1.02 | <10 | <1 | 0.15 | 20 | 0.15 | 196 | 1 | 0.02 |
| M155611 | | <2 | 0.19 | <0.5 | 3 | 98 | 7 | 0.76 | <10 | <1 | 0.15 | 20 | 0.12 | 206 | 2 | 0.03 |
| M155612 | | <2 | 0.15 | <0.5 | 2 | 94 | 10 | 0.78 | <10 | <1 | 0.12 | 20 | 0.08 | 204 | 2 | 0.03 |
| M155613 | | <2 | 0.20 | <0.5 | 3 | 86 | 13 | 0.81 | <10 | <1 | 0.13 | 20 | 0.10 | 277 | 2 | 0.03 |
| M155614 | | <2 | 0.25 | <0.5 | 2 | 6 | 10 | 1.33 | <10 | <1 | 0.12 | 20 | 0.11 | 404 | 1 | 0.03 |
| M155615 | | <2 | 0.17 | <0.5 | 3 | 5 | 5 | 0.90 | <10 | <1 | 0.14 | 30 | 0.14 | 291 | <1 | 0.02 |
| M155616 | | <2 | 0.15 | <0.5 | 3 | 66 | 9 | 0.85 | <10 | <1 | 0.16 | 20 | 0.13 | 231 | 1 | 0.02 |
| M155617 | | <2 | 0.15 | <0.5 | 2 | 80 | 10 | 0.76 | <10 | <1 | 0.12 | 20 | 0.10 | 215 | 1 | 0.03 |
| M155618 | | <2 | 0.17 | <0.5 | 3 | 80 | 7 | 0.90 | <10 | <1 | 0.16 | 20 | 0.11 | 341 | 1 | 0.02 |



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Page #: 2 - C
Total # of pages : 2 (A - C)
Date : 24-Jun-2003
Account: NJY

Project : 2-03-01

CERTIFICATE OF ANALYSIS VA03021414

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|----------------|---------------|----------------|----------------|
| | | Ni ppm 1 | P ppm 10 | Pb ppm 2 | S % 0.01 | Sb ppm 2 | Sc ppm 1 | Sr ppm 1 | Ti % 0.01 | Ti ppm 10 | U ppm 10 | V ppm 1 | W ppm 10 | Zn ppm 2 |
| M155581 | | 2 | 70 | 4 | <0.01 | <2 | <1 | 4 | <0.01 | <10 | <10 | 1 | <10 | 12 |
| M155582 | | 1 | 100 | 2 | <0.01 | <2 | <1 | 4 | <0.01 | <10 | <10 | 1 | <10 | 11 |
| M155583 | | 2 | 160 | <2 | <0.01 | <2 | 1 | 10 | <0.01 | <10 | <10 | 1 | <10 | 14 |
| M155584 | | 3 | 460 | <2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 12 |
| M155585 | | 3 | 130 | <2 | <0.01 | <2 | 1 | 9 | <0.01 | <10 | <10 | 2 | <10 | 8 |
| M155586 | | 4 | 190 | 3 | 0.01 | <2 | 1 | 10 | <0.01 | <10 | <10 | 2 | <10 | 13 |
| M155587 | | 6 | 190 | <2 | <0.01 | <2 | 1 | 9 | <0.01 | <10 | <10 | 3 | <10 | 11 |
| M155588 | | 7 | 110 | <2 | <0.01 | <2 | 1 | 7 | <0.01 | <10 | <10 | 4 | <10 | 7 |
| M155589 | | 9 | 120 | <2 | <0.01 | <2 | 1 | 9 | <0.01 | <10 | <10 | 3 | <10 | 12 |
| M155590 | | 7 | 280 | 2 | <0.01 | <2 | 1 | 11 | <0.01 | <10 | <10 | 4 | <10 | 12 |
| M155591 | | 11 | 440 | 3 | <0.01 | <2 | 1 | 12 | 0.01 | <10 | <10 | 5 | <10 | 14 |
| M155592 | | 10 | 400 | <2 | 0.09 | <2 | 1 | 8 | <0.01 | <10 | <10 | 3 | <10 | 14 |
| M155593 | | 14 | 70 | 3 | <0.01 | <2 | <1 | 7 | <0.01 | <10 | <10 | 3 | <10 | 3 |
| M155594 | | 2 | 60 | 4 | <0.01 | <2 | <1 | 9 | <0.01 | <10 | <10 | 1 | <10 | 4 |
| M155595 | | 3 | 300 | 3 | <0.01 | <2 | 1 | 10 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| M155596 | | 4 | 130 | 7 | <0.01 | <2 | 1 | 9 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| M155597 | | <1 | 90 | 5 | <0.01 | <2 | <1 | 8 | <0.01 | <10 | <10 | 1 | <10 | 4 |
| M155598 | | 6 | 420 | 5 | <0.01 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 13 |
| M155599 | | 7 | 70 | 14 | 0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 9 |
| M155600 | | 26 | 50 | 138 | 0.41 | <2 | <1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 9 |
| M155601 | | 5 | 250 | 3 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 7 |
| M155602 | | 7 | 200 | 6 | <0.01 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 20 |
| M155603 | | 5 | 110 | 5 | <0.01 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 21 |
| M155604 | | 5 | 300 | 2 | 0.01 | <2 | 1 | 13 | <0.01 | <10 | <10 | 2 | <10 | 8 |
| M155605 | | 6 | 300 | <2 | <0.01 | <2 | 1 | 7 | 0.01 | <10 | <10 | 3 | <10 | 7 |
| M155606 | | 5 | 120 | 2 | <0.01 | <2 | <1 | 6 | 0.01 | <10 | <10 | 3 | <10 | 5 |
| M155607 | | 4 | 180 | 8 | <0.01 | <2 | <1 | 7 | 0.01 | <10 | <10 | 3 | <10 | 6 |
| M155608 | | 5 | 170 | 2 | <0.01 | <2 | 1 | 7 | 0.01 | <10 | <10 | 3 | <10 | 4 |
| M155609 | | 6 | 270 | 4 | <0.01 | <2 | <1 | 5 | 0.01 | <10 | <10 | 3 | <10 | 4 |
| M155610 | | 5 | 260 | <2 | 0.01 | <2 | 1 | 9 | 0.01 | <10 | <10 | 3 | <10 | 5 |
| M155611 | | 7 | 120 | 2 | 0.01 | <2 | 1 | 11 | <0.01 | <10 | <10 | 3 | <10 | 6 |
| M155612 | | 5 | 130 | 4 | <0.01 | <2 | <1 | 6 | 0.01 | <10 | <10 | 3 | <10 | 3 |
| M155613 | | 6 | 110 | 3 | 0.01 | <2 | 1 | 8 | 0.01 | <10 | <10 | 3 | <10 | 4 |
| M155614 | | 3 | 70 | 7 | 0.02 | <2 | <1 | 22 | 0.01 | <10 | <10 | 3 | <10 | 4 |
| M155615 | | 3 | 90 | 4 | <0.01 | <2 | <1 | 7 | 0.01 | <10 | <10 | 2 | <10 | 6 |
| M155616 | | 5 | 140 | 4 | <0.01 | <2 | <1 | 6 | 0.01 | <10 | <10 | 3 | <10 | 5 |
| M155617 | | 5 | 90 | 7 | <0.01 | <2 | 1 | 6 | 0.01 | <10 | <10 | 3 | <10 | 4 |
| M155618 | | 5 | 100 | 17 | 0.01 | <2 | 1 | 7 | 0.01 | <10 | <10 | 3 | <10 | 6 |



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Page #: 1
Date : 25-Jun-2003
Account: NJY

CERTIFICATE VA03020763

Project : 2-03-01

P.O. No:

This report is for 127 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 19-Jun-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rod w/o BarCode |
| CRU-21 | Crush entire sample 70% < 6 mm |
| PUL-21 | Pulverize entire sample |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Total # of pages : 5 (A - C)
Date : 25-Jun-2003
Account: NJY

Project : 2-03-01

CERTIFICATE OF ANALYSIS VA03020763

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M155454 | | 0.98 | <0.05 | <0.05 | <0.05 | <0.001 | 5.00 | 920.6 | <0.01 | 0.01 | <0.2 | 0.18 | <2 | <10 | 230 | <0.5 |
| M155455 | | 1.16 | <0.05 | <0.05 | <0.05 | <0.001 | 6.48 | 1101.5 | 0.01 | 0.01 | <0.2 | 0.22 | <2 | <10 | 470 | <0.5 |
| M155456 | | 1.20 | 0.09 | <0.05 | 0.09 | <0.001 | 4.04 | 1147.0 | <0.01 | 0.18 | <0.2 | 0.20 | <2 | <10 | 230 | <0.5 |
| M155457 | | 1.28 | <0.05 | <0.05 | <0.05 | <0.001 | 3.57 | 1209.0 | <0.01 | 0.01 | <0.2 | 0.26 | <2 | <10 | 240 | <0.5 |
| M155458 | | 1.36 | <0.05 | <0.05 | <0.05 | <0.001 | 5.51 | 1294.5 | <0.01 | 0.01 | <0.2 | 0.21 | <2 | <10 | 190 | <0.5 |
| M155459 | | 0.96 | <0.05 | <0.05 | <0.05 | <0.001 | 6.94 | 903.8 | <0.01 | 0.01 | <0.2 | 0.17 | <2 | <10 | 80 | <0.5 |
| M155460 | | 1.12 | <0.05 | <0.05 | <0.05 | <0.001 | 6.10 | 1061.5 | <0.01 | 0.01 | <0.2 | 0.24 | <2 | <10 | 210 | <0.5 |
| M155461 | | 1.22 | <0.05 | <0.05 | <0.05 | <0.001 | 7.15 | 1150.0 | <0.01 | 0.01 | <0.2 | 0.33 | <2 | <10 | 130 | <0.5 |
| M155462 | | 1.54 | <0.05 | <0.05 | <0.05 | <0.001 | 12.02 | 1467.0 | <0.01 | 0.02 | <0.2 | 0.29 | <2 | <10 | 200 | <0.5 |
| M155463 | | 1.32 | <0.05 | <0.05 | <0.05 | <0.001 | 6.90 | 1260.5 | <0.01 | 0.01 | <0.2 | 0.18 | <2 | <10 | 310 | <0.5 |
| M155464 | | 0.98 | <0.05 | <0.05 | <0.05 | <0.001 | 7.48 | 911.7 | <0.01 | 0.01 | <0.2 | 0.22 | <2 | <10 | 80 | <0.5 |
| M155465 | | 1.36 | <0.05 | <0.05 | <0.05 | <0.001 | 6.71 | 1260.5 | <0.01 | 0.01 | <0.2 | 0.25 | <2 | <10 | 150 | <0.5 |
| M155466 | | 1.42 | <0.05 | <0.05 | <0.05 | <0.001 | 6.72 | 1347.5 | <0.01 | 0.03 | <0.2 | 0.24 | <2 | <10 | 140 | <0.5 |
| M155467 | | 1.12 | <0.05 | <0.05 | <0.05 | <0.001 | 6.42 | 1063.5 | <0.01 | 0.01 | <0.2 | 0.16 | <2 | <10 | 70 | <0.5 |
| M155468 | | 1.60 | <0.05 | <0.05 | <0.05 | <0.001 | 18.13 | 1520.0 | <0.01 | <0.01 | <0.2 | 0.24 | <2 | <10 | 80 | <0.5 |
| M155469 | | 2.20 | <0.05 | <0.05 | <0.05 | <0.001 | 19.05 | 2098 | <0.01 | 0.08 | <0.2 | 0.26 | 2 | <10 | 90 | <0.5 |
| M155470 | | 1.30 | <0.05 | <0.05 | <0.05 | <0.001 | 7.14 | 1221.5 | <0.01 | 0.01 | <0.2 | 0.24 | <2 | <10 | 60 | <0.5 |
| M155471 | | 1.00 | <0.05 | <0.05 | <0.05 | <0.001 | 7.23 | 924.7 | <0.01 | 0.01 | <0.2 | 0.29 | <2 | <10 | 90 | <0.5 |
| M155472 | | 1.24 | <0.05 | 0.91 | <0.05 | 0.009 | 9.86 | 1163.5 | <0.01 | 0.01 | <0.2 | 0.21 | <2 | <10 | 80 | <0.5 |
| M155473 | | 1.04 | <0.05 | <0.05 | <0.05 | <0.001 | 19.58 | 971.0 | <0.01 | <0.01 | <0.2 | 0.24 | <2 | <10 | 60 | <0.5 |
| M155474 | | 0.96 | <0.05 | <0.05 | <0.05 | <0.001 | 4.79 | 896.9 | <0.01 | <0.01 | <0.2 | 0.23 | 2 | <10 | 120 | <0.5 |
| M155475 | | 1.98 | <0.05 | <0.05 | <0.05 | <0.001 | 25.86 | 1815.5 | <0.01 | 0.03 | <0.2 | 0.24 | <2 | <10 | 150 | <0.5 |
| M155476 | | 0.80 | <0.05 | <0.05 | <0.05 | <0.001 | 5.31 | 740.6 | <0.01 | <0.01 | <0.2 | 0.25 | <2 | <10 | 110 | <0.5 |
| M155477 | | 1.10 | <0.05 | <0.05 | <0.05 | <0.001 | 9.43 | 1028.5 | <0.01 | <0.01 | <0.2 | 0.18 | <2 | <10 | 260 | <0.5 |
| M155478 | | 0.96 | <0.05 | <0.05 | <0.05 | <0.001 | 6.17 | 906.9 | <0.01 | 0.01 | <0.2 | 0.19 | <2 | <10 | 150 | <0.5 |
| M155479 | | 1.66 | <0.05 | <0.05 | <0.05 | <0.001 | 13.47 | 1581.0 | <0.01 | <0.01 | <0.2 | 0.20 | <2 | <10 | 200 | <0.5 |
| M155480 | | 0.86 | <0.05 | <0.05 | <0.05 | <0.001 | 7.16 | 806.5 | <0.01 | <0.01 | <0.2 | 0.14 | <2 | <10 | 230 | <0.5 |
| M155481 | | 1.80 | <0.05 | <0.05 | <0.05 | <0.001 | 14.70 | 1734.0 | <0.01 | 0.03 | <0.2 | 0.17 | <2 | <10 | 180 | <0.5 |
| M155482 | | 1.34 | <0.05 | <0.05 | <0.05 | <0.001 | 18.31 | 1250.0 | <0.01 | <0.01 | <0.2 | 0.25 | <2 | <10 | 70 | <0.5 |
| M155483 | | 1.14 | <0.05 | <0.05 | <0.05 | <0.001 | 6.38 | 1066.5 | <0.01 | <0.01 | <0.2 | 0.18 | <2 | <10 | 140 | <0.5 |
| M155484 | | 1.22 | <0.05 | <0.05 | <0.05 | <0.001 | 5.79 | 1163.5 | 0.01 | 0.02 | <0.2 | 0.13 | 4 | <10 | 280 | <0.5 |
| M155485 | | 1.08 | <0.05 | <0.05 | <0.05 | <0.001 | 3.51 | 1015.5 | <0.01 | <0.01 | <0.2 | 0.15 | 2 | <10 | 50 | <0.5 |
| M155486 | | 1.32 | <0.05 | <0.05 | <0.05 | <0.001 | 5.20 | 1178.5 | <0.01 | 0.01 | <0.2 | 0.24 | <2 | <10 | 280 | <0.5 |
| M155487 | | 1.36 | <0.05 | 1.26 | <0.05 | 0.009 | 7.13 | 1297.5 | <0.01 | 0.02 | <0.2 | 0.19 | <2 | <10 | 90 | <0.5 |
| M155488 | | 1.04 | <0.05 | <0.05 | <0.05 | <0.001 | 6.12 | 976.8 | <0.01 | <0.01 | <0.2 | 0.20 | <2 | <10 | 70 | <0.5 |
| M155489 | | 1.14 | <0.05 | <0.05 | <0.05 | <0.001 | 6.11 | 1083.5 | <0.01 | 0.01 | <0.2 | 0.23 | <2 | <10 | 60 | <0.5 |
| M155490 | | 1.86 | <0.05 | <0.05 | <0.05 | <0.001 | 19.00 | 1784.0 | 0.01 | 0.03 | <0.2 | 0.22 | 3 | <10 | 80 | <0.5 |
| M155491 | | 1.36 | <0.05 | <0.05 | <0.05 | <0.001 | 9.32 | 1211.5 | <0.01 | <0.01 | <0.2 | 0.23 | <2 | <10 | 90 | <0.5 |
| M155492 | | 0.94 | <0.05 | <0.05 | <0.05 | <0.001 | 4.15 | 887.5 | <0.01 | 0.01 | <0.2 | 0.15 | <2 | <10 | 60 | <0.5 |
| M155493 | | 1.54 | <0.05 | <0.05 | <0.05 | <0.001 | 10.38 | 1401.5 | <0.01 | <0.01 | <0.2 | 0.22 | <2 | <10 | 90 | <0.5 |



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Page #: 3 - A
Total # of pages : 5 (A - C)
Date : 25-Jun-2003
Account: NJY

Project : 2-03-01

CERTIFICATE OF ANALYSIS VA03020763

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M155494 | | 1.30 | <0.05 | <0.05 | <0.05 | <0.001 | 5.95 | 1243.0 | <0.01 | <0.01 | <0.2 | 0.15 | <2 | <10 | 50 | <0.5 |
| M155495 | | 1.10 | <0.05 | <0.05 | <0.05 | <0.001 | 2.08 | 1045.5 | <0.01 | 0.01 | <0.2 | 0.12 | <2 | <10 | 40 | <0.5 |
| M155496 | | 1.54 | <0.05 | <0.05 | <0.05 | <0.001 | 10.39 | 1460.5 | <0.01 | <0.01 | <0.2 | 0.13 | <2 | <10 | 50 | <0.5 |
| M155497 | | 1.18 | <0.05 | <0.05 | <0.05 | <0.001 | 1.66 | 1121.5 | <0.01 | <0.01 | <0.2 | 0.18 | <2 | <10 | 40 | <0.5 |
| M155498 | | 1.22 | <0.05 | <0.05 | <0.05 | <0.001 | 2.21 | 1163.0 | 0.01 | <0.01 | <0.2 | 0.13 | <2 | <10 | 40 | <0.5 |
| M155499 | | 1.28 | <0.05 | <0.05 | <0.05 | <0.001 | 3.83 | 1219.5 | <0.01 | <0.01 | <0.2 | 0.14 | <2 | <10 | 30 | <0.5 |
| M155500 | | 0.86 | <0.05 | <0.05 | <0.05 | <0.001 | 2.15 | 815.2 | <0.01 | <0.01 | <0.2 | 0.11 | <2 | <10 | 30 | <0.5 |
| M155501 | | 0.92 | <0.05 | <0.05 | <0.05 | <0.001 | 3.58 | 914.7 | <0.01 | <0.01 | <0.2 | 0.18 | <2 | <10 | 50 | <0.5 |
| M155502 | | 1.28 | <0.05 | <0.05 | <0.05 | <0.001 | 3.02 | 1229.0 | <0.01 | 0.01 | <0.2 | 0.25 | 2 | <10 | 60 | <0.5 |
| M155503 | | 1.24 | <0.05 | <0.05 | <0.05 | <0.001 | 2.53 | 1162.0 | <0.01 | 0.02 | <0.2 | 0.25 | 2 | <10 | 90 | <0.5 |
| M155504 | | 1.32 | <0.05 | <0.05 | <0.05 | <0.001 | 5.21 | 1231.0 | 0.01 | 0.01 | <0.2 | 0.27 | <2 | <10 | 100 | <0.5 |
| M155505 | | 1.64 | <0.05 | <0.05 | <0.05 | <0.001 | 13.81 | 1571.0 | <0.01 | <0.01 | <0.2 | 0.21 | <2 | <10 | 80 | <0.5 |
| M155506 | | 1.28 | <0.05 | <0.05 | <0.05 | <0.001 | 5.07 | 1202.5 | 0.01 | 0.04 | <0.2 | 0.28 | <2 | <10 | 120 | <0.5 |
| M155507 | | 1.06 | <0.05 | <0.05 | <0.05 | <0.001 | 6.01 | 974.4 | 0.02 | 0.02 | <0.2 | 0.32 | 3 | <10 | 230 | <0.5 |
| M155508 | | 1.12 | <0.05 | 2.63 | <0.05 | 0.007 | 2.66 | 1042.0 | <0.01 | 0.02 | <0.2 | 0.28 | 2 | <10 | 140 | <0.5 |
| M155509 | | 1.20 | <0.05 | <0.05 | <0.05 | <0.001 | 6.20 | 1144.0 | <0.01 | <0.01 | <0.2 | 0.31 | <2 | <10 | 140 | <0.5 |
| M155510 | | 0.88 | <0.05 | <0.05 | <0.05 | <0.001 | 5.67 | 831.1 | 0.01 | <0.01 | <0.2 | 0.21 | <2 | <10 | 100 | <0.5 |
| M155511 | | 1.54 | <0.05 | <0.05 | <0.05 | <0.001 | 15.72 | 1477.5 | <0.01 | <0.01 | <0.2 | 0.20 | <2 | <10 | 90 | <0.5 |
| M155512 | | 2.28 | <0.05 | <0.05 | <0.05 | <0.001 | 14.21 | 2208 | 0.01 | <0.01 | <0.2 | 0.29 | 2 | <10 | 140 | <0.5 |
| M155513 | | 2.26 | <0.05 | <0.05 | <0.05 | <0.001 | 9.47 | 2188 | <0.01 | 0.02 | <0.2 | 0.36 | <2 | <10 | 290 | <0.5 |
| M155514 | | 2.62 | <0.05 | <0.05 | <0.05 | <0.001 | 7.51 | 2558 | <0.01 | <0.01 | <0.2 | 0.29 | <2 | <10 | 100 | <0.5 |
| M155515 | | 2.82 | <0.05 | <0.05 | <0.05 | <0.001 | 26.86 | 2731 | <0.01 | <0.01 | <0.2 | 0.28 | <2 | <10 | 210 | <0.5 |
| M155516 | | 2.02 | <0.05 | <0.05 | <0.05 | <0.001 | 6.73 | 1968.0 | <0.01 | <0.01 | <0.2 | 0.32 | 2 | <10 | 270 | <0.5 |
| M155517 | | 2.58 | <0.05 | <0.05 | <0.05 | <0.001 | 11.53 | 2510 | <0.01 | 0.01 | <0.2 | 0.24 | <2 | <10 | 160 | <0.5 |
| M155518 | | 2.38 | <0.05 | <0.05 | <0.05 | <0.001 | 8.58 | 2303 | <0.01 | <0.01 | <0.2 | 0.20 | <2 | <10 | 940 | <0.5 |
| M155519 | | 2.26 | <0.05 | <0.05 | <0.05 | <0.001 | 9.62 | 2190 | <0.01 | <0.01 | <0.2 | 0.24 | <2 | <10 | 410 | <0.5 |
| M155520 | | 2.18 | <0.05 | <0.05 | <0.05 | <0.001 | 9.82 | 2105 | <0.01 | <0.01 | <0.2 | 0.26 | <2 | <10 | 180 | <0.5 |
| M155521 | | 2.52 | <0.05 | <0.05 | <0.05 | <0.001 | 10.32 | 2425 | <0.01 | 0.01 | <0.2 | 0.21 | <2 | <10 | 360 | <0.5 |
| M155522 | | 2.32 | <0.05 | <0.05 | <0.05 | <0.001 | 2.24 | 2224 | <0.01 | <0.01 | <0.2 | 0.26 | <2 | <10 | 210 | <0.5 |
| M155523 | | 2.26 | <0.05 | 0.45 | <0.05 | 0.003 | 6.69 | 2192 | <0.01 | <0.01 | <0.2 | 0.34 | 2 | <10 | 150 | <0.5 |
| M155524 | | 2.80 | <0.05 | <0.05 | <0.05 | <0.001 | 18.86 | 2718 | <0.01 | 0.01 | <0.2 | 0.22 | <2 | <10 | 120 | <0.5 |
| M155525 | | 2.40 | <0.05 | <0.05 | <0.05 | <0.001 | 6.87 | 2325 | <0.01 | <0.01 | <0.2 | 0.23 | <2 | <10 | 250 | <0.5 |
| M155526 | | 3.32 | <0.05 | <0.05 | <0.05 | <0.001 | 7.12 | 3202 | <0.01 | <0.01 | <0.2 | 0.26 | <2 | <10 | 120 | <0.5 |
| M155527 | | 2.84 | <0.05 | 0.12 | <0.05 | 0.002 | 16.05 | 2744 | <0.01 | <0.01 | <0.2 | 0.24 | <2 | <10 | 100 | <0.5 |
| M155528 | | 1.66 | <0.05 | <0.05 | <0.05 | <0.001 | 7.67 | 1582.0 | <0.01 | 0.01 | <0.2 | 0.32 | <2 | <10 | 550 | 0.5 |
| M155529 | | 0.98 | <0.05 | 0.16 | <0.05 | 0.001 | 6.44 | 928.3 | 0.02 | 0.01 | <0.2 | 0.30 | <2 | <10 | 570 | <0.5 |
| M155530 | | 1.32 | <0.05 | <0.05 | <0.05 | <0.001 | 11.74 | 1265.0 | <0.01 | 0.01 | <0.2 | 0.18 | <2 | <10 | 140 | <0.5 |
| M155531 | | 1.24 | <0.05 | <0.05 | <0.05 | <0.001 | 7.15 | 1165.0 | <0.01 | <0.01 | <0.2 | 0.23 | <2 | <10 | 120 | <0.5 |
| M155532 | | 1.86 | <0.05 | <0.05 | <0.05 | <0.001 | 12.32 | 1761.5 | <0.01 | <0.01 | <0.2 | 0.22 | <2 | <10 | 150 | <0.5 |
| M155533 | | 1.16 | <0.05 | <0.05 | <0.05 | <0.001 | 7.68 | 1092.5 | <0.01 | <0.01 | <0.2 | 0.32 | <2 | <10 | 110 | <0.5 |



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Page #: 4 - A
Total # of pages : 5 (A - C)
Date : 25-Jun-2003
Account: NJY

Project : 2-03-01

CERTIFICATE OF ANALYSIS VA03020763

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M155534 | | 1.36 | <0.05 | <0.05 | <0.05 | <0.001 | 6.64 | 1295.5 | <0.01 | <0.01 | <0.2 | 0.18 | <2 | <10 | 60 | <0.5 |
| M155535 | | 1.26 | <0.05 | <0.05 | <0.05 | <0.001 | 5.09 | 1205.0 | <0.01 | <0.01 | <0.2 | 0.16 | <2 | <10 | 40 | <0.5 |
| M155536 | | 1.36 | <0.05 | <0.05 | <0.05 | <0.001 | 3.43 | 1299.5 | <0.01 | <0.01 | <0.2 | 0.19 | <2 | <10 | 50 | <0.5 |
| M155537 | | 1.22 | <0.05 | <0.05 | <0.05 | <0.001 | 4.19 | 1152.0 | <0.01 | <0.01 | <0.2 | 0.20 | <2 | <10 | 60 | <0.5 |
| M155538 | | 1.14 | <0.05 | <0.05 | <0.05 | <0.001 | 11.05 | 1075.5 | <0.01 | 0.01 | <0.2 | 0.24 | <2 | <10 | 50 | <0.5 |
| M155539 | | 0.92 | <0.05 | <0.05 | <0.05 | <0.001 | 4.21 | 857.0 | <0.01 | <0.01 | <0.2 | 0.14 | <2 | <10 | 40 | <0.5 |
| M155540 | | 1.34 | <0.05 | <0.05 | <0.05 | <0.001 | 5.99 | 1278.0 | <0.01 | 0.01 | <0.2 | 0.21 | <2 | <10 | 50 | <0.5 |
| M155541 | | 1.56 | <0.05 | <0.05 | <0.05 | <0.001 | 12.97 | 1466.5 | <0.01 | 0.01 | <0.2 | 0.16 | <2 | <10 | 50 | <0.5 |
| M155542 | | 0.56 | <0.05 | <0.05 | <0.05 | <0.001 | 1.96 | 504.2 | <0.01 | 0.01 | <0.2 | 0.34 | 2 | <10 | 60 | <0.5 |
| M155543 | | 1.56 | <0.05 | 0.27 | <0.05 | 0.002 | 7.42 | 1485.5 | <0.01 | 0.01 | <0.2 | 0.25 | <2 | <10 | 60 | <0.5 |
| M155544 | | 1.22 | <0.05 | <0.05 | <0.05 | <0.001 | 6.03 | 1155.5 | <0.01 | <0.01 | <0.2 | 0.34 | 2 | <10 | 70 | <0.5 |
| M155545 | | 1.40 | <0.05 | <0.05 | <0.05 | <0.001 | 4.57 | 1303.5 | <0.01 | 0.01 | <0.2 | 0.19 | <2 | <10 | 50 | <0.5 |
| M155546 | | 0.98 | <0.05 | <0.05 | <0.05 | <0.001 | 4.47 | 917.3 | <0.01 | 0.03 | <0.2 | 0.24 | <2 | <10 | 50 | <0.5 |
| M155547 | | 1.32 | <0.05 | <0.05 | <0.05 | <0.001 | 5.41 | 1239.5 | <0.01 | 0.02 | <0.2 | 0.25 | <2 | <10 | 80 | <0.5 |
| M155548 | | 1.10 | <0.05 | <0.05 | 0.05 | <0.001 | 10.34 | 1040.5 | 0.01 | 0.08 | <0.2 | 0.37 | <2 | <10 | 70 | <0.5 |
| M155549 | | 1.12 | <0.05 | <0.05 | <0.05 | <0.001 | 5.56 | 1070.0 | <0.01 | <0.01 | <0.2 | 0.26 | <2 | <10 | 60 | <0.5 |
| M155550 | | 1.58 | <0.05 | <0.05 | <0.05 | <0.001 | 9.40 | 1500.0 | <0.01 | <0.01 | <0.2 | 0.21 | <2 | <10 | 70 | <0.5 |
| M155551 | | 1.06 | <0.05 | <0.05 | <0.05 | <0.001 | 7.91 | 997.9 | <0.01 | 0.05 | <0.2 | 0.40 | <2 | <10 | 110 | <0.5 |
| M155552 | | 1.16 | <0.05 | <0.05 | <0.05 | <0.001 | 6.90 | 1133.0 | <0.01 | <0.01 | <0.2 | 0.28 | <2 | <10 | 110 | <0.5 |
| M155553 | | 1.02 | <0.05 | <0.05 | <0.05 | <0.001 | 6.71 | 957.3 | <0.01 | 0.01 | <0.2 | 0.21 | <2 | <10 | 70 | <0.5 |
| M155554 | | 1.40 | <0.05 | <0.05 | <0.05 | <0.001 | 3.28 | 1346.0 | <0.01 | 0.02 | <0.2 | 0.30 | <2 | <10 | 90 | <0.5 |
| M155555 | | 0.94 | <0.05 | <0.05 | <0.05 | <0.001 | 9.36 | 888.4 | <0.01 | <0.01 | <0.2 | 0.22 | <2 | <10 | 120 | <0.5 |
| M155556 | | 1.62 | <0.05 | <0.05 | <0.05 | <0.001 | 7.63 | 1537.0 | <0.01 | <0.01 | <0.2 | 0.22 | <2 | <10 | 120 | <0.5 |
| M155557 | | 2.82 | <0.05 | <0.05 | <0.05 | <0.001 | 6.44 | 2714 | <0.01 | 0.01 | <0.2 | 0.33 | <2 | <10 | 150 | <0.5 |
| M155558 | | 2.62 | <0.05 | <0.05 | <0.05 | <0.001 | 18.45 | 2452 | <0.01 | <0.01 | <0.2 | 0.28 | <2 | <10 | 150 | <0.5 |
| M155559 | | 2.28 | <0.05 | <0.05 | <0.05 | <0.001 | 9.87 | 2208 | <0.01 | <0.01 | <0.2 | 0.31 | <2 | <10 | 100 | <0.5 |
| M155560 | | 2.76 | <0.05 | <0.05 | <0.05 | <0.001 | 8.51 | 2670 | <0.01 | 0.04 | <0.2 | 0.29 | <2 | <10 | 120 | <0.5 |
| M155561 | | 2.64 | <0.05 | <0.05 | <0.05 | <0.001 | 7.45 | 2568 | <0.01 | <0.01 | <0.2 | 0.26 | <2 | <10 | 90 | <0.5 |
| M155562 | | 2.62 | <0.05 | <0.05 | <0.05 | <0.001 | 7.34 | 2540 | <0.01 | 0.01 | <0.2 | 0.26 | 2 | <10 | 70 | <0.5 |
| M155563 | | 2.92 | <0.05 | <0.05 | <0.05 | <0.001 | 8.68 | 2843 | <0.01 | <0.01 | <0.2 | 0.28 | <2 | <10 | 90 | <0.5 |
| M155564 | | 2.56 | <0.05 | <0.05 | <0.05 | <0.001 | 4.50 | 2495 | <0.01 | 0.05 | <0.2 | 0.26 | 2 | <10 | 90 | <0.5 |
| M155565 | | 2.28 | <0.05 | <0.05 | <0.05 | <0.001 | 6.57 | 2164 | 0.01 | 0.01 | <0.2 | 0.37 | <2 | <10 | 180 | <0.5 |
| M155566 | | 2.44 | <0.05 | <0.05 | <0.05 | <0.001 | 8.68 | 2378 | <0.01 | 0.02 | <0.2 | 0.29 | <2 | <10 | 230 | <0.5 |
| M155567 | | 2.72 | <0.05 | <0.05 | <0.05 | <0.001 | 7.66 | 2652 | <0.01 | <0.01 | <0.2 | 0.31 | <2 | <10 | 120 | <0.5 |
| M155568 | | 2.54 | <0.05 | <0.05 | <0.05 | <0.001 | 7.27 | 2477 | <0.01 | 0.01 | <0.2 | 0.30 | <2 | <10 | 120 | <0.5 |
| M155569 | | 2.44 | <0.05 | <0.05 | <0.05 | <0.001 | 7.06 | 2370 | <0.01 | 0.01 | <0.2 | 0.31 | <2 | <10 | 80 | <0.5 |
| M155570 | | 3.06 | <0.05 | <0.05 | <0.05 | <0.001 | 7.29 | 2928 | <0.01 | 0.02 | <0.2 | 0.21 | <2 | <10 | 50 | <0.5 |
| M155571 | | 1.90 | <0.05 | <0.05 | <0.05 | <0.001 | 6.08 | 2808 | <0.01 | 0.02 | <0.2 | 0.27 | <2 | <10 | 100 | <0.5 |
| M155572 | | 2.48 | <0.05 | <0.05 | <0.05 | <0.001 | 12.80 | 2382 | 0.01 | 0.01 | <0.2 | 0.30 | <2 | <10 | 90 | <0.5 |
| M155573 | | 1.30 | <0.05 | <0.05 | <0.05 | <0.001 | 6.13 | 1238.0 | <0.01 | 0.01 | <0.2 | 0.25 | <2 | <10 | 160 | <0.5 |



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Date : 25-Jun-2003
Account: NJY

Project : 2-03-01

CERTIFICATE OF ANALYSIS VA03020763

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M155574 | | 1.28 | <0.05 | <0.05 | <0.05 | <0.001 | 6.15 | 1216.5 | <0.01 | 0.01 | <0.2 | 0.37 | <2 | <10 | 110 | <0.5 |
| M155575 | | 1.20 | <0.05 | <0.05 | <0.05 | <0.001 | 7.47 | 1117.0 | <0.01 | 0.01 | <0.2 | 0.36 | <2 | <10 | 70 | <0.5 |
| M155576 | | 1.60 | <0.05 | <0.05 | <0.05 | <0.001 | 7.30 | 1526.0 | <0.01 | 0.01 | <0.2 | 0.44 | <2 | <10 | 60 | <0.5 |
| M155577 | | 1.18 | <0.05 | <0.05 | <0.05 | <0.001 | 4.39 | 1109.5 | <0.01 | 0.02 | <0.2 | 0.41 | <2 | <10 | 40 | <0.5 |
| M155578 | | 1.32 | <0.05 | <0.05 | <0.05 | <0.001 | 10.32 | 1260.5 | <0.01 | 0.08 | <0.2 | 0.25 | <2 | <10 | 50 | <0.5 |
| M155579 | | 1.30 | <0.05 | <0.05 | <0.05 | <0.001 | 5.31 | 1239.5 | <0.01 | 0.02 | <0.2 | 0.24 | <2 | <10 | 30 | <0.5 |
| M155580 | | 1.50 | <0.05 | <0.05 | <0.05 | <0.001 | 7.19 | 1442.5 | <0.01 | <0.01 | <0.2 | 0.27 | <2 | <10 | 40 | <0.5 |



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Page #: 2 - B
Total # of pages : 5 (A - C)
Date : 25-Jun-2003
Account: NJY

Project : 2-03-01

CERTIFICATE OF ANALYSIS VA03020763

| Sample Description | Method Analyte Units LOR | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 |
|--------------------|-----------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M155454 | | <2 | 0.03 | <0.5 | 3 | 112 | 6 | 0.74 | <10 | <1 | 0.10 | 20 | 0.05 | 119 | 3 | 0.02 |
| M155455 | | <2 | 0.03 | <0.5 | 4 | 105 | 5 | 0.79 | <10 | <1 | 0.14 | 20 | 0.04 | 164 | 2 | 0.02 |
| M155456 | | <2 | 0.04 | <0.5 | 4 | 108 | 5 | 0.78 | <10 | <1 | 0.14 | 20 | 0.03 | 176 | 2 | 0.02 |
| M155457 | | <2 | 0.04 | <0.5 | 3 | 115 | 5 | 0.75 | <10 | <1 | 0.16 | 20 | 0.06 | 124 | 2 | 0.02 |
| M155458 | | <2 | 0.03 | <0.5 | 2 | 115 | 6 | 0.60 | <10 | <1 | 0.13 | 30 | 0.04 | 98 | 2 | 0.03 |
| M155459 | | <2 | 0.34 | <0.5 | 2 | 166 | 9 | 0.65 | <10 | <1 | 0.04 | 10 | 0.14 | 152 | 4 | 0.05 |
| M155460 | | <2 | 0.19 | <0.5 | 3 | 104 | 6 | 0.83 | <10 | <1 | 0.13 | 20 | 0.11 | 174 | 2 | 0.03 |
| M155461 | | <2 | 0.05 | <0.5 | 4 | 57 | 3 | 0.76 | <10 | <1 | 0.19 | 30 | 0.14 | 120 | 1 | 0.02 |
| M155462 | | <2 | 0.08 | <0.5 | 4 | 63 | 5 | 0.75 | <10 | <1 | 0.18 | 20 | 0.12 | 114 | 1 | 0.02 |
| M155463 | | <2 | 0.02 | <0.5 | 2 | 103 | 5 | 0.72 | <10 | <1 | 0.07 | 20 | 0.04 | 120 | 2 | 0.04 |
| M155464 | | <2 | 0.03 | <0.5 | 3 | 69 | 4 | 0.74 | <10 | <1 | 0.12 | 30 | 0.04 | 139 | 2 | 0.03 |
| M155465 | | <2 | 0.06 | <0.5 | 3 | 78 | 3 | 0.73 | <10 | <1 | 0.15 | 20 | 0.05 | 148 | 2 | 0.02 |
| M155466 | | <2 | 0.07 | <0.5 | 4 | 77 | 4 | 0.69 | <10 | <1 | 0.13 | 20 | 0.06 | 151 | 2 | 0.02 |
| M155467 | | <2 | 0.04 | <0.5 | 3 | 62 | 3 | 0.61 | <10 | <1 | 0.07 | 20 | 0.03 | 180 | 1 | 0.04 |
| M155468 | | <2 | 0.02 | 0.9 | 4 | 41 | 12 | 0.74 | <10 | <1 | 0.12 | 40 | 0.03 | 219 | 1 | 0.02 |
| M155469 | | <2 | 0.04 | 1.7 | 5 | 29 | 9 | 1.02 | <10 | <1 | 0.12 | 30 | 0.06 | 274 | 1 | 0.02 |
| M155470 | | <2 | 0.04 | 0.7 | 3 | 71 | 4 | 0.77 | <10 | <1 | 0.13 | 30 | 0.04 | 128 | 1 | 0.03 |
| M155471 | | <2 | 0.05 | <0.5 | 4 | 54 | 3 | 0.90 | <10 | <1 | 0.15 | 30 | 0.07 | 136 | 1 | 0.02 |
| M155472 | | <2 | 0.03 | <0.5 | 4 | 68 | 3 | 0.96 | <10 | <1 | 0.10 | 20 | 0.05 | 179 | 1 | 0.02 |
| M155473 | | <2 | 0.05 | <0.5 | 3 | 2 | 1 | 0.73 | <10 | <1 | 0.15 | 30 | 0.05 | 111 | <1 | 0.01 |
| M155474 | | <2 | 0.13 | <0.5 | 4 | 67 | 3 | 0.95 | <10 | <1 | 0.12 | 20 | 0.06 | 277 | 1 | 0.02 |
| M155475 | | 2 | 0.17 | <0.5 | 5 | 28 | 4 | 1.12 | <10 | <1 | 0.15 | 20 | 0.06 | 262 | 1 | 0.02 |
| M155476 | | <2 | 0.13 | <0.5 | 3 | 67 | 3 | 0.98 | <10 | <1 | 0.13 | 30 | 0.07 | 260 | 1 | 0.02 |
| M155477 | | <2 | 0.25 | <0.5 | 3 | 108 | 6 | 0.74 | <10 | <1 | 0.11 | 20 | 0.07 | 149 | 2 | 0.02 |
| M155478 | | <2 | 0.27 | <0.5 | 3 | 88 | 4 | 0.56 | <10 | <1 | 0.10 | 20 | 0.12 | 226 | 2 | 0.03 |
| M155479 | | <2 | 0.06 | <0.5 | 3 | 3 | 2 | 0.74 | <10 | <1 | 0.10 | 20 | 0.06 | 121 | <1 | 0.02 |
| M155480 | | <2 | 0.09 | <0.5 | 1 | 89 | 6 | 0.66 | <10 | <1 | 0.08 | 20 | 0.05 | 76 | 2 | 0.04 |
| M155481 | | <2 | 0.19 | <0.5 | 3 | 4 | 7 | 0.75 | <10 | <1 | 0.09 | 20 | 0.09 | 173 | <1 | 0.02 |
| M155482 | | <2 | 0.04 | <0.5 | 2 | 53 | 4 | 0.56 | <10 | <1 | 0.11 | 30 | 0.09 | 118 | 1 | 0.02 |
| M155483 | | <2 | 0.04 | 0.9 | 1 | 92 | 10 | 0.51 | <10 | <1 | 0.09 | 20 | 0.04 | 124 | 2 | 0.03 |
| M155484 | | <2 | 0.02 | 1.9 | 2 | 127 | 9 | 0.60 | <10 | <1 | 0.04 | 10 | 0.02 | 110 | 3 | 0.05 |
| M155485 | | <2 | 0.01 | 1.7 | 3 | 290 | 13 | 0.94 | <10 | <1 | 0.05 | 30 | 0.04 | 147 | 6 | 0.03 |
| M155486 | | <2 | 0.09 | <0.5 | 3 | 135 | 6 | 0.81 | <10 | <1 | 0.16 | 30 | 0.10 | 76 | 3 | 0.01 |
| M155487 | | <2 | 0.13 | <0.5 | 3 | 162 | 6 | 0.86 | <10 | <1 | 0.12 | 20 | 0.06 | 79 | 3 | 0.02 |
| M155488 | | <2 | 0.07 | <0.5 | 3 | 188 | 8 | 0.88 | <10 | <1 | 0.11 | 30 | 0.07 | 116 | 4 | 0.02 |
| M155489 | | <2 | 0.07 | <0.5 | 4 | 136 | 5 | 0.83 | <10 | <1 | 0.12 | 20 | 0.09 | 108 | 3 | 0.02 |
| M155490 | | <2 | 0.04 | <0.5 | 3 | 139 | 6 | 0.98 | <10 | <1 | 0.13 | 30 | 0.05 | 162 | 3 | 0.02 |
| M155491 | | <2 | 0.10 | <0.5 | 4 | 167 | 7 | 1.14 | <10 | <1 | 0.14 | 30 | 0.06 | 154 | 3 | 0.02 |
| M155492 | | <2 | 0.03 | <0.5 | 2 | 279 | 14 | 0.97 | <10 | <1 | 0.08 | 30 | 0.06 | 85 | 6 | 0.03 |
| M155493 | | <2 | 0.08 | <0.5 | 3 | 196 | 11 | 0.81 | <10 | <1 | 0.14 | 30 | 0.06 | 150 | 4 | 0.02 |



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Date : 25-Jun-2003
Account: NJY

Project : 2-03-01

CERTIFICATE OF ANALYSIS VA03020763

| Sample Description | Method Analyte Units LOR | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 |
|--------------------|-----------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M155494 | | <2 | 0.03 | <0.5 | 3 | 256 | 16 | 0.83 | <10 | <1 | 0.06 | 20 | 0.05 | 100 | 5 | 0.03 |
| M155495 | | <2 | 0.06 | <0.5 | 2 | 308 | 12 | 0.68 | <10 | <1 | 0.06 | 20 | 0.03 | 95 | 6 | 0.03 |
| M155496 | | <2 | 0.02 | <0.5 | 2 | 251 | 10 | 0.64 | <10 | <1 | 0.07 | 20 | 0.03 | 85 | 5 | 0.03 |
| M155497 | | <2 | 0.07 | <0.5 | 2 | 232 | 13 | 0.66 | <10 | <1 | 0.09 | 20 | 0.06 | 70 | 5 | 0.03 |
| M155498 | | <2 | 0.18 | <0.5 | 4 | 371 | 14 | 1.00 | <10 | <1 | 0.05 | 30 | 0.09 | 138 | 7 | 0.03 |
| M155499 | | <2 | 0.14 | <0.5 | 2 | 267 | 10 | 0.64 | <10 | <1 | 0.07 | 20 | 0.06 | 74 | 5 | 0.02 |
| M155500 | | 2 | 0.05 | <0.5 | 2 | 367 | 14 | 0.75 | <10 | <1 | 0.05 | 10 | 0.02 | 40 | 7 | 0.03 |
| M155501 | | 2 | 0.06 | <0.5 | 3 | 360 | 13 | 0.89 | <10 | <1 | 0.11 | 20 | 0.05 | 91 | 7 | 0.03 |
| M155502 | | <2 | 0.28 | <0.5 | 4 | 225 | 10 | 1.44 | <10 | <1 | 0.11 | 20 | 0.07 | 97 | 5 | 0.02 |
| M155503 | | <2 | 0.05 | <0.5 | 5 | 202 | 8 | 1.23 | <10 | <1 | 0.13 | 30 | 0.06 | 211 | 4 | 0.02 |
| M155504 | | <2 | 0.17 | <0.5 | 6 | 103 | 5 | 1.04 | <10 | <1 | 0.16 | 30 | 0.10 | 267 | 2 | 0.01 |
| M155505 | | <2 | 0.29 | <0.5 | 4 | 137 | 7 | 1.01 | <10 | <1 | 0.14 | 30 | 0.11 | 264 | 3 | 0.02 |
| M155506 | | <2 | 0.14 | <0.5 | 6 | 91 | 8 | 1.02 | <10 | <1 | 0.16 | 30 | 0.08 | 421 | 2 | 0.01 |
| M155507 | | <2 | 0.16 | <0.5 | 5 | 107 | 11 | 1.28 | <10 | <1 | 0.19 | 40 | 0.10 | 292 | 2 | 0.01 |
| M155508 | | <2 | 0.18 | <0.5 | 6 | 82 | 7 | 1.18 | <10 | <1 | 0.18 | 40 | 0.09 | 172 | 2 | 0.01 |
| M155509 | | 2 | 0.18 | <0.5 | 5 | 121 | 6 | 1.20 | <10 | <1 | 0.18 | 40 | 0.12 | 162 | 2 | 0.01 |
| M155510 | | <2 | 0.28 | <0.5 | 3 | 248 | 11 | 0.99 | <10 | <1 | 0.14 | 10 | 0.08 | 261 | 6 | 0.02 |
| M155511 | | <2 | 0.21 | <0.5 | 2 | 168 | 8 | 0.77 | <10 | <1 | 0.10 | 20 | 0.06 | 373 | 3 | 0.03 |
| M155512 | | <2 | 0.22 | <0.5 | 3 | 54 | 3 | 1.14 | <10 | <1 | 0.18 | 30 | 0.12 | 180 | 1 | 0.02 |
| M155513 | | <2 | 0.43 | <0.5 | 6 | 104 | 5 | 1.00 | <10 | <1 | 0.23 | 20 | 0.20 | 319 | 2 | 0.02 |
| M155514 | | 2 | 0.09 | <0.5 | 4 | 117 | 6 | 0.93 | <10 | <1 | 0.15 | 30 | 0.10 | 157 | 2 | 0.03 |
| M155515 | | <2 | 0.24 | <0.5 | 5 | 87 | 5 | 1.02 | <10 | <1 | 0.18 | 30 | 0.10 | 249 | 2 | 0.02 |
| M155516 | | <2 | 0.24 | <0.5 | 5 | 82 | 4 | 1.03 | <10 | <1 | 0.22 | 30 | 0.12 | 235 | 2 | 0.02 |
| M155517 | | <2 | 0.14 | <0.5 | 4 | 136 | 7 | 0.93 | <10 | <1 | 0.15 | 20 | 0.06 | 214 | 3 | 0.03 |
| M155518 | | <2 | 0.06 | <0.5 | 4 | 122 | 8 | 1.61 | <10 | <1 | 0.11 | 20 | 0.05 | 274 | 2 | 0.04 |
| M155519 | | <2 | 0.24 | <0.5 | 4 | 100 | 7 | 0.91 | <10 | <1 | 0.16 | 30 | 0.22 | 239 | 2 | 0.04 |
| M155520 | | <2 | 0.14 | <0.5 | 5 | 98 | 5 | 1.02 | <10 | <1 | 0.17 | 30 | 0.24 | 163 | 2 | 0.03 |
| M155521 | | <2 | 0.19 | <0.5 | 3 | 102 | 5 | 0.96 | <10 | <1 | 0.13 | 20 | 0.12 | 193 | 2 | 0.04 |
| M155522 | | <2 | 0.27 | <0.5 | 5 | 87 | 7 | 1.05 | <10 | <1 | 0.16 | 20 | 0.16 | 284 | 2 | 0.03 |
| M155523 | | <2 | 0.23 | <0.5 | 5 | 55 | 6 | 1.19 | <10 | <1 | 0.24 | 30 | 0.27 | 344 | 1 | 0.03 |
| M155524 | | <2 | 0.22 | <0.5 | 3 | 78 | 6 | 1.04 | <10 | <1 | 0.14 | 20 | 0.10 | 221 | 1 | 0.03 |
| M155525 | | <2 | 0.16 | <0.5 | 3 | 110 | 7 | 0.94 | <10 | <1 | 0.13 | 20 | 0.08 | 208 | 2 | 0.04 |
| M155526 | | <2 | 0.15 | <0.5 | 4 | 81 | 5 | 0.99 | <10 | <1 | 0.16 | 20 | 0.08 | 228 | 2 | 0.04 |
| M155527 | | <2 | 0.21 | <0.5 | 4 | 64 | 4 | 0.92 | <10 | <1 | 0.16 | 20 | 0.23 | 241 | 1 | 0.02 |
| M155528 | | <2 | 0.38 | <0.5 | 4 | 86 | 6 | 0.59 | <10 | <1 | 0.21 | 30 | 0.19 | 303 | 2 | 0.02 |
| M155529 | | <2 | 0.51 | <0.5 | 4 | 104 | 46 | 0.76 | <10 | <1 | 0.19 | 20 | 0.26 | 468 | 2 | 0.03 |
| M155530 | | <2 | 0.22 | <0.5 | 3 | 118 | 6 | 0.78 | <10 | <1 | 0.11 | 20 | 0.16 | 225 | 2 | 0.03 |
| M155531 | | <2 | 0.20 | <0.5 | 4 | 106 | 6 | 0.93 | <10 | <1 | 0.14 | 20 | 0.23 | 173 | 2 | 0.03 |
| M155532 | | <2 | 0.21 | <0.5 | 3 | 84 | 5 | 0.90 | <10 | <1 | 0.14 | 20 | 0.14 | 136 | 2 | 0.02 |
| M155533 | | <2 | 0.11 | <0.5 | 3 | 118 | 7 | 0.89 | <10 | <1 | 0.15 | 40 | 0.12 | 147 | 2 | 0.02 |



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CERTIFICATE OF ANALYSIS VA03020763

| Sample Description | Method Analyte Units LOR | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 |
|--------------------|-----------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M155534 | | <2 | 0.06 | <0.5 | 1 | 110 | 6 | 0.74 | <10 | <1 | 0.06 | 10 | 0.04 | 113 | 2 | 0.05 |
| M155535 | | <2 | 0.02 | <0.5 | 1 | 121 | 6 | 0.60 | <10 | <1 | 0.06 | 20 | 0.03 | 61 | 2 | 0.04 |
| M155536 | | <2 | 0.05 | <0.5 | 1 | 122 | 5 | 0.51 | <10 | <1 | 0.07 | 10 | 0.08 | 95 | 2 | 0.04 |
| M155537 | | <2 | 0.02 | <0.5 | 1 | 136 | 6 | 0.52 | <10 | <1 | 0.07 | 10 | 0.08 | 104 | 3 | 0.04 |
| M155538 | | <2 | 0.05 | <0.5 | 2 | 131 | 6 | 0.53 | <10 | <1 | 0.12 | 40 | 0.08 | 68 | 2 | 0.03 |
| M155539 | | <2 | 0.04 | <0.5 | 1 | 4 | 2 | 0.60 | <10 | <1 | 0.04 | 10 | 0.05 | 87 | <1 | 0.04 |
| M155540 | | <2 | 0.02 | <0.5 | 2 | 4 | 4 | 0.94 | <10 | <1 | 0.08 | 20 | 0.06 | 91 | <1 | 0.04 |
| M155541 | | <2 | 0.02 | <0.5 | 1 | 3 | 3 | 0.55 | <10 | <1 | 0.05 | 10 | 0.06 | 115 | <1 | 0.03 |
| M155542 | | <2 | 0.03 | <0.5 | 2 | 5 | 7 | 1.12 | <10 | <1 | 0.14 | 20 | 0.07 | 98 | <1 | 0.05 |
| M155543 | | <2 | 0.02 | <0.5 | 3 | 4 | 2 | 0.81 | <10 | <1 | 0.07 | 20 | 0.12 | 126 | <1 | 0.03 |
| M155544 | | <2 | 0.09 | <0.5 | 2 | 4 | 3 | 0.95 | <10 | <1 | 0.17 | 40 | 0.13 | 139 | <1 | 0.02 |
| M155545 | | <2 | 0.13 | <0.5 | 3 | 4 | 2 | 0.90 | <10 | <1 | 0.05 | 20 | 0.11 | 142 | <1 | 0.03 |
| M155546 | | <2 | 0.02 | <0.5 | 2 | 7 | 2 | 1.08 | <10 | <1 | 0.08 | 10 | 0.09 | 94 | <1 | 0.05 |
| M155547 | | <2 | 0.13 | <0.5 | 2 | 4 | 4 | 0.77 | <10 | <1 | 0.08 | 20 | 0.16 | 271 | <1 | 0.03 |
| M155548 | | <2 | 0.13 | <0.5 | 3 | 4 | 5 | 1.21 | <10 | <1 | 0.19 | 20 | 0.09 | 127 | <1 | 0.02 |
| M155549 | | <2 | 0.04 | <0.5 | 1 | 5 | 2 | 1.09 | <10 | <1 | 0.14 | 30 | 0.06 | 130 | <1 | 0.03 |
| M155550 | | <2 | 0.08 | <0.5 | 3 | 4 | 2 | 0.97 | <10 | <1 | 0.11 | 20 | 0.05 | 167 | <1 | 0.03 |
| M155551 | | <2 | 0.15 | <0.5 | 4 | 4 | 2 | 1.11 | <10 | <1 | 0.19 | 30 | 0.12 | 263 | <1 | 0.02 |
| M155552 | | <2 | 0.20 | <0.5 | 4 | 4 | 13 | 0.92 | <10 | <1 | 0.16 | 30 | 0.08 | 265 | <1 | 0.02 |
| M155553 | | <2 | 0.03 | <0.5 | 2 | 6 | 2 | 1.38 | <10 | <1 | 0.10 | 20 | 0.03 | 170 | <1 | 0.04 |
| M155554 | | <2 | 0.03 | <0.5 | 4 | 4 | 3 | 1.18 | <10 | <1 | 0.16 | 20 | 0.05 | 172 | <1 | 0.03 |
| M155555 | | <2 | 0.17 | <0.5 | 7 | 3 | 2 | 1.02 | <10 | <1 | 0.11 | 20 | 0.09 | 350 | <1 | 0.02 |
| M155556 | | <2 | 0.10 | <0.5 | 3 | 4 | 1 | 1.15 | <10 | <1 | 0.12 | 20 | 0.06 | 216 | 1 | 0.03 |
| M155557 | | <2 | 0.21 | <0.5 | 4 | 5 | 2 | 1.14 | <10 | <1 | 0.16 | 20 | 0.11 | 236 | <1 | 0.03 |
| M155558 | | <2 | 0.18 | <0.5 | 4 | 11 | 14 | 1.02 | <10 | <1 | 0.14 | 20 | 0.12 | 392 | 2 | 0.02 |
| M155559 | | <2 | 0.09 | <0.5 | 3 | 4 | 1 | 1.40 | <10 | <1 | 0.15 | 20 | 0.10 | 221 | <1 | 0.02 |
| M155560 | | <2 | 0.07 | <0.5 | 5 | 4 | 2 | 1.42 | <10 | <1 | 0.14 | 20 | 0.08 | 287 | <1 | 0.02 |
| M155561 | | <2 | 0.10 | <0.5 | 4 | 7 | 2 | 1.28 | <10 | <1 | 0.14 | 20 | 0.07 | 239 | <1 | 0.03 |
| M155562 | | <2 | 0.29 | <0.5 | 4 | 3 | 1 | 1.06 | <10 | <1 | 0.16 | 20 | 0.21 | 324 | <1 | 0.02 |
| M155563 | | <2 | 0.26 | <0.5 | 4 | 5 | 1 | 1.07 | <10 | <1 | 0.16 | 20 | 0.14 | 241 | <1 | 0.02 |
| M155564 | | <2 | 0.39 | <0.5 | 3 | 5 | 1 | 1.04 | <10 | <1 | 0.15 | 20 | 0.12 | 301 | <1 | 0.03 |
| M155565 | | <2 | 0.20 | <0.5 | 4 | 4 | 1 | 0.97 | <10 | <1 | 0.23 | 30 | 0.26 | 254 | <1 | 0.03 |
| M155566 | | <2 | 0.27 | <0.5 | 2 | 6 | 2 | 1.02 | <10 | <1 | 0.19 | 20 | 0.19 | 211 | <1 | 0.03 |
| M155567 | | <2 | 0.60 | <0.5 | 2 | 3 | 2 | 0.92 | <10 | <1 | 0.20 | 20 | 0.27 | 286 | <1 | 0.01 |
| M155568 | | <2 | 0.38 | <0.5 | 1 | 6 | 1 | 0.72 | <10 | <1 | 0.19 | 20 | 0.19 | 210 | <1 | 0.03 |
| M155569 | | <2 | 0.42 | <0.5 | 2 | 5 | 2 | 0.81 | <10 | <1 | 0.19 | 30 | 0.21 | 242 | <1 | 0.03 |
| M155570 | | <2 | 0.24 | <0.5 | 1 | 9 | 2 | 0.82 | <10 | <1 | 0.12 | 20 | 0.13 | 158 | <1 | 0.03 |
| M155571 | | <2 | 0.42 | <0.5 | 2 | 4 | 2 | 1.00 | <10 | <1 | 0.16 | 20 | 0.23 | 239 | <1 | 0.03 |
| M155572 | | <2 | 0.50 | <0.5 | 3 | 5 | 1 | 1.00 | <10 | <1 | 0.18 | 20 | 0.25 | 256 | <1 | 0.02 |
| M155573 | | <2 | 0.42 | <0.5 | 1 | 3 | 3 | 0.64 | <10 | <1 | 0.15 | 20 | 0.24 | 180 | <1 | 0.02 |



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Project : 2-03-01

CERTIFICATE OF ANALYSIS VA03020763

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|-----------|------------|----------|----------|----------|-----------|-----------|----------|-----------|-----------|-----------|----------|----------|-----------|
| | | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn | Mo | Na |
| | | ppm 2 | % 0.01 | ppm 0.5 | ppm 1 | ppm 1 | ppm 1 | % 0.01 | ppm 10 | ppm 1 | % 0.01 | ppm 10 | % 0.01 | ppm 5 | ppm 1 | % 0.01 |
| M155574 | | <2 | 0.75 | <0.5 | 2 | 3 | 2 | 0.60 | <10 | <1 | 0.23 | 20 | 0.38 | 233 | <1 | 0.01 |
| M155575 | | <2 | 0.98 | <0.5 | 3 | 2 | 1 | 0.52 | <10 | <1 | 0.24 | 20 | 0.54 | 222 | <1 | <0.01 |
| M155576 | | <2 | 0.47 | <0.5 | 2 | 2 | 4 | 0.48 | <10 | <1 | 0.27 | 30 | 0.23 | 96 | <1 | 0.01 |
| M155577 | | <2 | 0.43 | <0.5 | 1 | 3 | 2 | 0.48 | <10 | <1 | 0.21 | 20 | 0.35 | 82 | <1 | <0.01 |
| M155578 | | <2 | 1.34 | <0.5 | 1 | 2 | 2 | 0.54 | <10 | <1 | 0.17 | 20 | 0.64 | 204 | <1 | <0.01 |
| M155579 | | <2 | 0.96 | <0.5 | 1 | 4 | 14 | 0.75 | <10 | <1 | 0.16 | 20 | 0.52 | 176 | <1 | 0.01 |
| M155580 | | <2 | 0.44 | <0.5 | 1 | 2 | 4 | 0.34 | <10 | <1 | 0.19 | 30 | 0.28 | 104 | <1 | <0.01 |



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Project : 2-03-01

CERTIFICATE OF ANALYSIS VA03020763

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|----------------|---------------|----------------|----------------|
| | | Ni ppm 1 | P ppm 10 | Pb ppm 2 | S % 0.01 | Sb ppm 2 | Sc ppm 1 | Sr ppm 1 | Ti % 0.01 | Ti ppm 10 | U ppm 10 | V ppm 1 | W ppm 10 | Zn ppm 2 |
| M155454 | | 8 | 100 | <2 | <0.01 | <2 | <1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 9 |
| M155455 | | 8 | 100 | <2 | 0.01 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 11 |
| M155456 | | 8 | 160 | 2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 10 |
| M155457 | | 8 | 130 | 3 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 12 |
| M155458 | | 8 | 110 | 10 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 8 |
| M155459 | | 10 | 140 | 2 | <0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 1 | <10 | 7 |
| M155460 | | 7 | 90 | 3 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 12 |
| M155461 | | 7 | 140 | <2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 15 |
| M155462 | | 6 | 180 | 2 | <0.01 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 12 |
| M155463 | | 6 | 50 | 2 | 0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 5 |
| M155464 | | 6 | 110 | <2 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 14 |
| M155465 | | 5 | 140 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 8 |
| M155466 | | 7 | 200 | <2 | <0.01 | <2 | <1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 11 |
| M155467 | | 5 | 170 | 2 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 17 |
| M155468 | | 5 | 120 | 6 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 69 |
| M155469 | | 6 | 190 | 2 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 116 |
| M155470 | | 6 | 160 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 55 |
| M155471 | | 7 | 170 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 19 |
| M155472 | | 6 | 110 | 2 | <0.01 | <2 | 1 | 2 | 0.01 | <10 | <10 | 2 | <10 | 9 |
| M155473 | | 3 | 200 | <2 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 14 |
| M155474 | | 7 | 210 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 10 |
| M155475 | | 6 | 450 | 4 | <0.01 | <2 | 1 | 4 | 0.01 | <10 | <10 | 2 | <10 | 12 |
| M155476 | | 6 | 470 | 2 | <0.01 | <2 | <1 | 4 | 0.01 | <10 | <10 | 3 | <10 | 6 |
| M155477 | | 9 | 440 | <2 | 0.01 | <2 | <1 | 14 | <0.01 | <10 | <10 | 2 | <10 | 8 |
| M155478 | | 7 | 120 | <2 | <0.01 | <2 | <1 | 9 | <0.01 | <10 | <10 | 1 | <10 | 7 |
| M155479 | | 4 | 120 | <2 | <0.01 | <2 | <1 | 5 | <0.01 | <10 | <10 | 1 | <10 | 8 |
| M155480 | | 6 | 50 | <2 | 0.01 | <2 | <1 | 5 | 0.01 | <10 | <10 | 3 | <10 | 2 |
| M155481 | | 4 | 130 | 3 | <0.01 | <2 | <1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 13 |
| M155482 | | 6 | 90 | 2 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 9 |
| M155483 | | 6 | 100 | 19 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 31 |
| M155484 | | 7 | 60 | 211 | 0.03 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 137 |
| M155485 | | 16 | 60 | 9 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 38 |
| M155486 | | 11 | 260 | <2 | 0.01 | <2 | <1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 9 |
| M155487 | | 11 | 150 | 2 | <0.01 | <2 | <1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 5 |
| M155488 | | 12 | 100 | <2 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 6 |
| M155489 | | 10 | 80 | <2 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 7 |
| M155490 | | 9 | 120 | <2 | <0.01 | <2 | <1 | 4 | 0.01 | <10 | <10 | 3 | <10 | 6 |
| M155491 | | 12 | 290 | 2 | <0.01 | <2 | <1 | 5 | 0.01 | <10 | <10 | 2 | <10 | 11 |
| M155492 | | 15 | 100 | 4 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 14 |
| M155493 | | 12 | 70 | 15 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 13 |



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Project : 2-03-01

CERTIFICATE OF ANALYSIS VA03020763

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 | ME-ICP41 Ti % 0.01 | ME-ICP41 Ti ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 |
|--------------------|-----------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|
| M155494 | | 14 | 90 | 5 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 14 |
| M155495 | | 16 | 40 | <2 | <0.01 | 2 | <1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 5 |
| M155496 | | 13 | 70 | <2 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 4 |
| M155497 | | 13 | 70 | 3 | <0.01 | 2 | <1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 7 |
| M155498 | | 20 | 40 | <2 | <0.01 | <2 | <1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 10 |
| M155499 | | 15 | 60 | <2 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 7 |
| M155500 | | 19 | 150 | <2 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 3 |
| M155501 | | 20 | 100 | 2 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 7 |
| M155502 | | 15 | 1280 | 3 | <0.01 | <2 | <1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 19 |
| M155503 | | 15 | 170 | 2 | <0.01 | <2 | <1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 18 |
| M155504 | | 12 | 280 | <2 | <0.01 | <2 | <1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 17 |
| M155505 | | 10 | 160 | <2 | <0.01 | <2 | <1 | 7 | <0.01 | <10 | <10 | 3 | <10 | 11 |
| M155506 | | 10 | 180 | 9 | <0.01 | <2 | <1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 17 |
| M155507 | | 11 | 350 | 14 | <0.01 | <2 | <1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 20 |
| M155508 | | 10 | 170 | 2 | <0.01 | <2 | <1 | 7 | <0.01 | <10 | <10 | 3 | <10 | 20 |
| M155509 | | 11 | 230 | 2 | <0.01 | <2 | <1 | 8 | 0.01 | <10 | <10 | 3 | <10 | 16 |
| M155510 | | 16 | 280 | 2 | <0.01 | <2 | <1 | 6 | <0.01 | <10 | <10 | 3 | <10 | 8 |
| M155511 | | 11 | 160 | 3 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 5 |
| M155512 | | 7 | 250 | 3 | <0.01 | <2 | <1 | 8 | 0.01 | <10 | <10 | 3 | <10 | 11 |
| M155513 | | 12 | 440 | 3 | 0.01 | <2 | 1 | 14 | <0.01 | <10 | <10 | 3 | <10 | 19 |
| M155514 | | 9 | 180 | 3 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 13 |
| M155515 | | 9 | 130 | 4 | <0.01 | <2 | 1 | 11 | 0.01 | <10 | <10 | 3 | <10 | 16 |
| M155516 | | 9 | 280 | 3 | 0.01 | <2 | 1 | 10 | <0.01 | <10 | <10 | 3 | <10 | 14 |
| M155517 | | 11 | 230 | 2 | <0.01 | <2 | <1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 12 |
| M155518 | | 11 | 130 | 4 | 0.02 | 2 | 1 | 16 | <0.01 | <10 | <10 | 2 | <10 | 19 |
| M155519 | | 9 | 80 | <2 | 0.01 | <2 | 1 | 19 | 0.01 | <10 | <10 | 3 | <10 | 12 |
| M155520 | | 10 | 140 | 5 | <0.01 | <2 | <1 | 9 | 0.01 | <10 | <10 | 3 | <10 | 16 |
| M155521 | | 9 | 80 | 8 | 0.01 | <2 | <1 | 12 | 0.01 | <10 | <10 | 3 | <10 | 8 |
| M155522 | | 9 | 150 | 5 | <0.01 | <2 | 1 | 12 | 0.01 | <10 | <10 | 3 | <10 | 14 |
| M155523 | | 9 | 160 | 3 | <0.01 | <2 | 1 | 12 | 0.01 | <10 | <10 | 4 | <10 | 17 |
| M155524 | | 7 | 200 | 3 | <0.01 | <2 | <1 | 8 | 0.01 | <10 | <10 | 3 | <10 | 10 |
| M155525 | | 9 | 70 | 2 | <0.01 | <2 | 1 | 8 | 0.01 | <10 | <10 | 3 | <10 | 8 |
| M155526 | | 8 | 110 | 4 | <0.01 | <2 | 1 | 5 | 0.01 | <10 | <10 | 4 | <10 | 9 |
| M155527 | | 8 | 120 | 3 | <0.01 | <2 | 1 | 7 | 0.01 | <10 | <10 | 3 | <10 | 10 |
| M155528 | | 9 | 240 | 2 | 0.01 | <2 | <1 | 18 | <0.01 | <10 | <10 | 2 | <10 | 10 |
| M155529 | | 9 | 270 | 6 | 0.02 | <2 | 1 | 30 | <0.01 | <10 | <10 | 3 | <10 | 12 |
| M155530 | | 9 | 100 | 2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 7 |
| M155531 | | 10 | 70 | 2 | <0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 3 | <10 | 11 |
| M155532 | | 7 | 130 | <2 | <0.01 | <2 | 1 | 7 | 0.01 | <10 | <10 | 3 | <10 | 7 |
| M155533 | | 11 | 140 | 2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 9 |



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CERTIFICATE OF ANALYSIS VA03020763

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 | ME-ICP41 Ti % 0.01 | ME-ICP41 Ti ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 |
|--------------------|-----------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|
| M155534 | | 6 | 160 | 6 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 5 |
| M155535 | | 7 | 50 | 2 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 3 |
| M155536 | | 6 | 70 | 2 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 3 |
| M155537 | | 8 | 50 | <2 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 4 |
| M155538 | | 8 | 60 | 3 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 6 |
| M155539 | | 1 | 30 | <2 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 5 |
| M155540 | | 2 | 50 | <2 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| M155541 | | 1 | 50 | 18 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 5 |
| M155542 | | 3 | 70 | 4 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 12 |
| M155543 | | 4 | 50 | 3 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 12 |
| M155544 | | 3 | 80 | 2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 7 |
| M155545 | | 2 | 30 | 3 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 10 |
| M155546 | | 4 | 50 | 4 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 7 |
| M155547 | | 3 | 40 | 3 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 8 |
| M155548 | | 4 | 560 | <2 | <0.01 | <2 | <1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 7 |
| M155549 | | 2 | 100 | 2 | <0.01 | <2 | 1 | 3 | 0.01 | <10 | <10 | 3 | <10 | 3 |
| M155550 | | 4 | 140 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 10 |
| M155551 | | 7 | 320 | 2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 10 |
| M155552 | | 6 | 70 | 3 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 19 |
| M155553 | | 2 | 80 | 2 | <0.01 | <2 | 1 | 2 | 0.01 | <10 | <10 | 3 | <10 | 9 |
| M155554 | | 4 | 100 | 2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 9 |
| M155555 | | 8 | 60 | <2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 1 | <10 | 16 |
| M155556 | | 4 | 100 | 2 | <0.01 | <2 | 1 | 4 | 0.01 | <10 | <10 | 3 | <10 | 10 |
| M155557 | | 4 | 190 | 2 | <0.01 | <2 | 1 | 6 | 0.01 | <10 | <10 | 3 | <10 | 8 |
| M155558 | | 6 | 190 | 3 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 10 |
| M155559 | | 4 | 260 | 2 | <0.01 | <2 | 1 | 4 | 0.01 | <10 | <10 | 3 | <10 | 7 |
| M155560 | | 5 | 170 | 3 | <0.01 | <2 | 1 | 4 | 0.01 | <10 | <10 | 3 | <10 | 10 |
| M155561 | | 4 | 80 | 3 | <0.01 | <2 | 1 | 4 | 0.01 | <10 | <10 | 3 | <10 | 7 |
| M155562 | | 5 | 120 | 4 | <0.01 | <2 | 1 | 7 | 0.01 | <10 | <10 | 3 | <10 | 12 |
| M155563 | | 5 | 320 | 2 | <0.01 | <2 | 1 | 7 | 0.01 | <10 | <10 | 3 | <10 | 10 |
| M155564 | | 3 | 220 | 2 | <0.01 | <2 | 1 | 7 | 0.01 | <10 | <10 | 3 | <10 | 6 |
| M155565 | | 5 | 120 | 4 | <0.01 | <2 | 1 | 12 | 0.01 | <10 | <10 | 3 | <10 | 11 |
| M155566 | | 3 | 100 | 4 | 0.01 | <2 | 1 | 12 | 0.01 | <10 | <10 | 3 | <10 | 6 |
| M155567 | | 3 | 180 | 4 | <0.01 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 6 |
| M155568 | | 2 | 70 | 2 | <0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 3 |
| M155569 | | 3 | 80 | 2 | <0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 4 |
| M155570 | | 2 | 70 | <2 | <0.01 | <2 | <1 | 4 | 0.01 | <10 | <10 | 2 | <10 | 2 |
| M155571 | | 3 | 130 | 2 | <0.01 | <2 | 1 | 8 | 0.01 | <10 | <10 | 3 | <10 | 4 |
| M155572 | | 4 | 160 | 3 | <0.01 | <2 | 1 | 10 | 0.01 | <10 | <10 | 3 | <10 | 7 |
| M155573 | | 2 | 60 | 3 | <0.01 | <2 | 1 | 13 | <0.01 | <10 | <10 | 2 | <10 | 5 |



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Page #: 5 - C
Total # of pages : 5 (A - C)
Date : 25-Jun-2003
Account: NJY

Project : 2-03-01

CERTIFICATE OF ANALYSIS VA03020763

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|-----------|----------|-----------|----------|----------|----------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Ti | U | V | W | Zn |
| | | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 | ppm 1 | ppm 1 | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| M155574 | | 2 | 250 | <2 | <0.01 | <2 | 1 | 11 | <0.01 | <10 | <10 | 2 | <10 | 6 |
| M155575 | | 5 | 290 | <2 | <0.01 | <2 | 1 | 11 | <0.01 | <10 | <10 | 2 | <10 | 13 |
| M155576 | | 3 | 100 | <2 | <0.01 | <2 | 1 | 7 | <0.01 | <10 | <10 | 3 | <10 | 11 |
| M155577 | | 2 | 100 | <2 | <0.01 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 18 |
| M155578 | | 2 | 100 | 2 | <0.01 | <2 | 1 | 11 | <0.01 | <10 | <10 | 1 | <10 | 9 |
| M155579 | | 2 | 140 | 2 | <0.01 | <2 | <1 | 10 | <0.01 | <10 | <10 | 1 | <10 | 4 |
| M155580 | | 1 | 100 | <2 | <0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 1 | <10 | 6 |



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Page #: 1
Date : 8-Jul-2003
Account: NJY

CERTIFICATE VA03023298

Project : 2-03-01

P.O. No:

This report is for 97 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 2-Jul-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rod w/o BarCode |
| CRU-21 | Crush entire sample 70% < 6 mm |
| PUL-21 | Pulverize entire sample |
| LOG-24 | Pulp Login - Rod w/o Barcode |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
104-135 10TH AVE S
CRANBROOK BC V1C 2N1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Total # of pages : 4 (A - C)
Date : 8-Jul-2003
Account: NJY

Project : 2-03-01

CERTIFICATE OF ANALYSIS VA03023298

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| B080801 | | 1.00 | <0.05 | <0.05 | <0.05 | <0.001 | 21.82 | 988.6 | <0.01 | <0.01 | <0.2 | 0.34 | <2 | <10 | 120 | <0.5 |
| B080802 | | 0.72 | <0.05 | <0.05 | <0.05 | <0.001 | 16.40 | 722.4 | <0.01 | <0.01 | <0.2 | 0.38 | <2 | <10 | 130 | <0.5 |
| B080803 | | 1.56 | <0.05 | <0.05 | <0.05 | <0.001 | 10.42 | 1560.5 | <0.01 | <0.01 | <0.2 | 0.27 | <2 | <10 | 160 | <0.5 |
| B080804 | | 1.20 | <0.05 | <0.05 | <0.05 | <0.001 | 6.61 | 1208.5 | <0.01 | <0.01 | 0.2 | 0.37 | 2 | <10 | 180 | <0.5 |
| B080805 | | 0.86 | <0.05 | <0.05 | <0.05 | <0.001 | 3.01 | 861.9 | 0.03 | 0.02 | <0.2 | 0.31 | <2 | <10 | 170 | <0.5 |
| B080806 | | 0.84 | <0.05 | <0.05 | <0.05 | <0.001 | 9.98 | 833.1 | <0.01 | <0.01 | <0.2 | 0.40 | <2 | <10 | 110 | <0.5 |
| B080807 | | 1.04 | <0.05 | <0.05 | <0.05 | <0.001 | 5.97 | 1034.5 | <0.01 | <0.01 | <0.2 | 0.29 | 2 | <10 | 160 | <0.5 |
| B080808 | | 0.82 | <0.05 | <0.05 | <0.05 | <0.001 | 6.97 | 826.7 | 0.01 | <0.01 | <0.2 | 0.27 | 2 | <10 | 180 | <0.5 |
| B080809 | | 0.72 | <0.05 | <0.05 | <0.05 | <0.001 | 6.22 | 719.8 | <0.01 | <0.01 | <0.2 | 0.36 | <2 | <10 | 170 | <0.5 |
| B080810 | | 0.62 | <0.05 | <0.05 | <0.05 | <0.001 | 5.24 | 627.7 | 0.01 | <0.01 | <0.2 | 0.46 | <2 | <10 | 120 | <0.5 |
| B080811 | | 0.70 | <0.05 | <0.05 | <0.05 | <0.001 | 7.83 | 702.1 | <0.01 | <0.01 | 0.2 | 0.33 | <2 | <10 | 280 | <0.5 |
| B080812 | | 0.08 | NSS | NSS | NSS | NSS | NSS | NSS | 3.04 | 3.04 | <0.2 | 0.76 | 2400 | 10 | 160 | 1.1 |
| B080813 | | 0.96 | <0.05 | <0.05 | <0.05 | <0.001 | 18.72 | 958.5 | <0.01 | <0.01 | <0.2 | 0.36 | 5 | <10 | 130 | <0.5 |
| B080814 | | 0.82 | <0.05 | <0.05 | <0.05 | <0.001 | 7.40 | 818.8 | <0.01 | <0.01 | <0.2 | 0.27 | <2 | <10 | 90 | <0.5 |
| B080815 | | 0.96 | <0.05 | <0.05 | <0.05 | <0.001 | 10.00 | 956.4 | <0.01 | <0.01 | <0.2 | 0.35 | <2 | <10 | 120 | <0.5 |
| B080816 | | 1.02 | <0.05 | <0.05 | <0.05 | <0.001 | 14.00 | 1020.5 | <0.01 | <0.01 | <0.2 | 0.39 | <2 | <10 | 180 | <0.5 |
| B080817 | | 0.88 | <0.05 | <0.05 | <0.05 | <0.001 | 13.95 | 860.3 | <0.01 | <0.01 | <0.2 | 0.41 | <2 | <10 | 280 | <0.5 |
| B080818 | | 0.72 | <0.05 | <0.05 | <0.05 | <0.001 | 6.81 | 731.5 | <0.01 | 0.01 | <0.2 | 0.46 | 5 | <10 | 150 | <0.5 |
| B080819 | | 0.94 | <0.05 | <0.05 | <0.05 | <0.001 | 19.39 | 930.0 | <0.01 | <0.01 | <0.2 | 0.33 | <2 | <10 | 1330 | <0.5 |
| B080820 | | 1.00 | <0.05 | <0.05 | <0.05 | <0.001 | 13.21 | 990.4 | <0.01 | <0.01 | <0.2 | 0.45 | <2 | <10 | 210 | 0.5 |
| B080821 | | 1.02 | <0.05 | <0.05 | <0.05 | <0.001 | 5.99 | 1015.5 | 0.01 | <0.01 | <0.2 | 0.48 | <2 | <10 | 200 | <0.5 |
| B080822 | | 0.76 | <0.05 | <0.05 | <0.05 | <0.001 | 2.89 | 780.7 | 0.01 | <0.01 | <0.2 | 0.38 | <2 | <10 | 150 | <0.5 |
| B080823 | | 0.90 | <0.05 | <0.05 | <0.05 | <0.001 | 5.48 | 913.8 | <0.01 | <0.01 | <0.2 | 0.40 | <2 | <10 | 270 | <0.5 |
| B080824 | | 0.08 | NSS | NSS | NSS | NSS | NSS | NSS | 2.86 | 3.01 | <0.2 | 0.78 | 2350 | 10 | 160 | 1.1 |
| B080825 | | 0.60 | <0.05 | <0.05 | <0.05 | <0.001 | 6.60 | 594.6 | <0.01 | <0.01 | <0.2 | 0.50 | 8 | <10 | 160 | <0.5 |
| B080826 | | 0.58 | <0.05 | <0.05 | <0.05 | <0.001 | 4.76 | 594.5 | <0.01 | <0.01 | <0.2 | 0.51 | 2 | <10 | 640 | <0.5 |
| B080827 | | 0.68 | <0.05 | <0.05 | <0.05 | <0.001 | 1.77 | 689.3 | <0.01 | <0.01 | <0.2 | 0.25 | <2 | <10 | 210 | <0.5 |
| B080828 | | 0.48 | <0.05 | <0.05 | <0.05 | <0.001 | 3.83 | 490.3 | <0.01 | <0.01 | <0.2 | 0.38 | <2 | <10 | 1510 | <0.5 |
| B080829 | | 0.44 | <0.05 | <0.05 | <0.05 | <0.001 | 1.91 | 444.8 | <0.01 | <0.01 | 0.2 | 0.39 | <2 | <10 | 290 | <0.5 |
| B080830 | | 0.52 | <0.05 | <0.05 | <0.05 | <0.001 | 7.18 | 530.5 | <0.01 | <0.01 | 0.2 | 0.46 | <2 | <10 | 220 | <0.5 |
| B080831 | | 0.36 | <0.05 | <0.05 | <0.05 | <0.001 | 3.12 | 370.8 | <0.01 | <0.01 | 0.2 | 0.26 | <2 | <10 | 760 | <0.5 |
| B080832 | | 0.54 | <0.05 | <0.05 | <0.05 | <0.001 | 7.04 | 550.1 | <0.01 | <0.01 | <0.2 | 0.49 | <2 | <10 | 190 | <0.5 |
| B080833 | | 0.24 | <0.05 | <0.05 | <0.05 | <0.001 | 3.58 | 251.3 | <0.01 | <0.01 | <0.2 | 0.25 | <2 | <10 | 100 | <0.5 |
| B080834 | | 0.08 | NSS | NSS | NSS | NSS | NSS | NSS | 6.68 | 6.57 | 1.7 | 3.13 | 5280 | <10 | 60 | 2.3 |
| B080835 | | 0.38 | <0.05 | <0.05 | <0.05 | <0.001 | 6.68 | 379.8 | <0.01 | <0.01 | <0.2 | 0.29 | 10 | <10 | 250 | <0.5 |
| B080836 | | 0.42 | <0.05 | <0.05 | <0.05 | <0.001 | 4.83 | 426.4 | <0.01 | <0.01 | <0.2 | 0.37 | <2 | <10 | 190 | <0.5 |
| B080837 | | 0.34 | <0.05 | <0.05 | <0.05 | <0.001 | 10.58 | 347.1 | <0.01 | <0.01 | <0.2 | 0.36 | 2 | <10 | 520 | <0.5 |
| B080838 | | 0.44 | <0.05 | <0.05 | <0.05 | <0.001 | 8.24 | 444.6 | <0.01 | <0.01 | <0.2 | 0.38 | <2 | <10 | 170 | <0.5 |
| B080839 | | 0.44 | <0.05 | <0.05 | <0.05 | <0.001 | 12.14 | 442.4 | <0.01 | <0.01 | <0.2 | 0.32 | <2 | <10 | 470 | <0.5 |
| B080840 | | 0.36 | <0.05 | <0.05 | <0.05 | <0.001 | 4.71 | 362.3 | <0.01 | <0.01 | <0.2 | 0.34 | <2 | <10 | 480 | <0.5 |

Comments: NSS is non-sufficient sample.



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Page #: 3 - A
Total # of pages : 4 (A - C)
Date : 8-Jul-2003
Account: NJY

Project : 2-03-01

CERTIFICATE OF ANALYSIS VA03023298

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| B080841 | | 0.54 | <0.05 | <0.05 | <0.05 | <0.001 | 10.65 | 548.9 | <0.01 | <0.01 | <0.2 | 0.20 | <2 | <10 | 130 | <0.5 |
| B080842 | | 0.50 | <0.05 | <0.05 | <0.05 | <0.001 | 7.33 | 501.9 | <0.01 | <0.01 | <0.2 | 0.14 | <2 | <10 | 80 | <0.5 |
| B080843 | | 0.44 | <0.05 | <0.05 | <0.05 | <0.001 | 8.40 | 447.6 | <0.01 | <0.01 | <0.2 | 0.19 | 2 | <10 | 330 | <0.5 |
| B080844 | | 0.48 | <0.05 | <0.05 | <0.05 | <0.001 | 15.72 | 467.9 | <0.01 | <0.01 | <0.2 | 0.41 | <2 | <10 | 130 | <0.5 |
| B080845 | | 0.48 | <0.05 | <0.05 | <0.05 | <0.001 | 3.30 | 486.9 | <0.01 | <0.01 | <0.2 | 0.44 | <2 | <10 | 220 | <0.5 |
| B080846 | | 0.08 | NSS | NSS | NSS | NSS | NSS | NSS | 0.90 | 0.84 | <0.2 | 0.71 | 731 | <10 | 90 | 0.6 |
| B080847 | | 0.58 | <0.05 | <0.05 | <0.05 | <0.001 | 2.63 | 600.1 | <0.01 | <0.01 | 0.2 | 0.21 | 3 | <10 | 480 | <0.5 |
| B080848 | | 0.46 | <0.05 | <0.05 | <0.05 | <0.001 | 3.61 | 476.5 | <0.01 | 0.01 | <0.2 | 0.34 | 2 | <10 | 110 | <0.5 |
| B080849 | | 0.34 | <0.05 | <0.05 | <0.05 | <0.001 | 6.12 | 342.6 | <0.01 | 0.01 | <0.2 | 0.36 | <2 | <10 | 180 | <0.5 |
| B080850 | | 0.44 | <0.05 | <0.05 | <0.05 | <0.001 | 8.73 | 444.0 | <0.01 | <0.01 | <0.2 | 0.23 | <2 | <10 | 90 | <0.5 |
| B080851 | | 0.50 | <0.05 | <0.05 | <0.05 | <0.001 | 7.15 | 492.7 | <0.01 | <0.01 | <0.2 | 0.49 | <2 | <10 | 160 | <0.5 |
| B080852 | | 0.54 | <0.05 | <0.05 | <0.05 | <0.001 | 12.01 | 549.7 | <0.01 | <0.01 | <0.2 | 0.52 | <2 | <10 | 140 | <0.5 |
| B080853 | | 0.58 | <0.05 | <0.05 | <0.05 | <0.001 | 9.14 | 590.5 | 0.02 | <0.01 | <0.2 | 0.53 | <2 | <10 | 130 | <0.5 |
| B080854 | | 0.48 | <0.05 | <0.05 | <0.05 | <0.001 | 5.81 | 486.9 | <0.01 | 0.02 | <0.2 | 0.39 | <2 | <10 | 90 | <0.5 |
| B080855 | | 0.36 | <0.05 | <0.05 | <0.05 | <0.001 | 9.42 | 365.8 | <0.01 | <0.01 | <0.2 | 0.50 | <2 | <10 | 110 | <0.5 |
| B080856 | | 0.48 | <0.05 | <0.05 | <0.05 | <0.001 | 3.89 | 493.4 | <0.01 | 0.01 | <0.2 | 0.36 | <2 | <10 | 120 | <0.5 |
| B080857 | | 0.40 | <0.05 | <0.05 | <0.05 | <0.001 | 10.16 | 398.3 | 0.01 | <0.01 | <0.2 | 0.42 | <2 | <10 | 130 | <0.5 |
| B080858 | | 0.56 | <0.05 | <0.05 | <0.05 | <0.001 | 10.84 | 586.1 | <0.01 | 0.04 | <0.2 | 0.41 | <2 | <10 | 200 | <0.5 |
| B080859 | | 0.90 | <0.05 | <0.05 | <0.05 | <0.001 | 16.39 | 890.2 | <0.01 | <0.01 | <0.2 | 0.40 | <2 | <10 | 150 | <0.5 |
| B080860 | | 0.08 | NSS | NSS | NSS | NSS | NSS | NSS | 2.95 | 2.87 | 0.2 | 0.87 | 2320 | 10 | 180 | 1.2 |
| B080861 | | 0.44 | <0.05 | <0.05 | <0.05 | <0.001 | 9.75 | 436.4 | 0.01 | <0.01 | <0.2 | 0.55 | 3 | <10 | 220 | <0.5 |
| B080862 | | 0.62 | <0.05 | <0.05 | <0.05 | <0.001 | 11.84 | 618.1 | <0.01 | <0.01 | <0.2 | 0.38 | 2 | <10 | 340 | <0.5 |
| B080863 | | 0.40 | <0.05 | <0.05 | <0.05 | <0.001 | 9.57 | 399.1 | 0.03 | <0.01 | <0.2 | 0.35 | <2 | <10 | 200 | <0.5 |
| B080864 | | 0.38 | <0.05 | <0.05 | <0.05 | <0.001 | 9.15 | 383.4 | <0.01 | <0.01 | <0.2 | 0.48 | <2 | <10 | 260 | <0.5 |
| B080865 | | 0.54 | <0.05 | <0.05 | <0.05 | <0.001 | 16.95 | 535.4 | <0.01 | <0.01 | <0.2 | 0.22 | <2 | <10 | 240 | <0.5 |
| B080866 | | 0.40 | <0.05 | <0.05 | <0.05 | <0.001 | 12.39 | 389.7 | 0.01 | <0.01 | <0.2 | 0.40 | 2 | <10 | 170 | <0.5 |
| B080867 | | 0.34 | <0.05 | <0.05 | <0.05 | <0.001 | 8.91 | 345.7 | <0.01 | <0.01 | <0.2 | 0.39 | <2 | <10 | 80 | <0.5 |
| B080868 | | 0.64 | <0.05 | <0.05 | <0.05 | <0.001 | 10.85 | 636.3 | 0.01 | 0.01 | <0.2 | 0.31 | <2 | <10 | 140 | <0.5 |
| B080869 | | 0.48 | <0.05 | <0.05 | <0.05 | <0.001 | 10.46 | 486.7 | 0.03 | 0.03 | <0.2 | 0.16 | 10 | <10 | 530 | <0.5 |
| B080870 | | 0.22 | <0.05 | <0.05 | <0.05 | <0.001 | 6.85 | 218.6 | 0.06 | <0.01 | <0.2 | 0.25 | 2 | <10 | 60 | <0.5 |
| B080871 | | 0.08 | NSS | NSS | NSS | NSS | NSS | NSS | 6.27 | 6.54 | 1.7 | 3.56 | 5320 | <10 | 80 | 2.3 |
| B080872 | | 0.58 | <0.05 | <0.05 | <0.05 | <0.001 | 7.92 | 588.4 | 0.05 | <0.01 | <0.2 | 0.36 | 7 | <10 | 100 | <0.5 |
| B080873 | | 0.36 | <0.05 | <0.05 | <0.05 | <0.001 | 6.84 | 369.4 | 0.03 | <0.01 | <0.2 | 0.46 | 2 | <10 | 110 | <0.5 |
| B080874 | | 0.46 | <0.05 | <0.05 | <0.05 | <0.001 | 9.60 | 467.2 | <0.01 | <0.01 | <0.2 | 0.31 | <2 | <10 | 90 | <0.5 |
| B080875 | | 0.44 | <0.05 | <0.05 | <0.05 | <0.001 | 12.94 | 441.1 | <0.01 | <0.01 | <0.2 | 0.41 | 2 | <10 | 180 | <0.5 |
| B080876 | | 0.50 | <0.05 | <0.05 | <0.05 | <0.001 | 9.91 | 509.4 | <0.01 | <0.01 | <0.2 | 0.21 | <2 | <10 | 80 | <0.5 |
| B080877 | | 0.60 | <0.05 | <0.05 | <0.05 | <0.001 | 14.30 | 604.2 | <0.01 | <0.01 | <0.2 | 0.25 | <2 | <10 | 120 | <0.5 |
| B080878 | | 0.62 | <0.05 | <0.05 | <0.05 | <0.001 | 26.44 | 596.1 | <0.01 | <0.01 | <0.2 | 0.24 | <2 | <10 | 70 | <0.5 |
| B080879 | | 0.64 | <0.05 | <0.05 | <0.05 | <0.001 | 26.72 | 629.7 | 0.01 | 0.01 | <0.2 | 0.18 | <2 | <10 | 50 | <0.5 |
| B080880 | | 0.46 | <0.05 | <0.05 | <0.05 | <0.001 | 18.88 | 447.7 | 0.03 | <0.01 | <0.2 | 0.19 | <2 | <10 | 50 | <0.5 |

Comments: NSS is non-sufficient sample.



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CRANBROOK BC V1C 2N1

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Date : 8-Jul-2003

Account: NJY

Project : 2-03-01

CERTIFICATE OF ANALYSIS VA03023298

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 S ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| B080881 | | 0.52 | <0.05 | <0.05 | <0.05 | <0.001 | 22.90 | 512.7 | 0.06 | <0.01 | <0.2 | 0.29 | <2 | <10 | 60 | <0.5 |
| B080882 | | 0.08 | NSS | NSS | NSS | NSS | NSS | NSS | 0.92 | 0.85 | <0.2 | 0.83 | 738 | <10 | 100 | 0.6 |
| B080883 | | 0.28 | <0.05 | <0.05 | <0.05 | <0.001 | 24.84 | 277.8 | <0.01 | <0.01 | <0.2 | 0.19 | 2 | <10 | 50 | <0.5 |
| B080884 | | 0.40 | <0.05 | <0.05 | <0.05 | <0.001 | 15.99 | 387.1 | <0.01 | <0.01 | <0.2 | 0.17 | <2 | <10 | 50 | <0.5 |
| B080885 | | 0.38 | <0.05 | <0.05 | <0.05 | <0.001 | 22.57 | 378.8 | <0.01 | <0.01 | <0.2 | 0.15 | <2 | <10 | 30 | <0.5 |
| B080886 | | 0.40 | <0.05 | <0.05 | <0.05 | <0.001 | 24.49 | 388.4 | <0.01 | <0.01 | <0.2 | 0.21 | <2 | <10 | 50 | <0.5 |
| B080887 | | 0.46 | <0.05 | <0.05 | <0.05 | <0.001 | 21.10 | 456.3 | <0.01 | 0.01 | <0.2 | 0.20 | <2 | <10 | 50 | <0.5 |
| B080888 | | 0.40 | <0.05 | <0.05 | <0.05 | <0.001 | 23.06 | 381.9 | <0.01 | <0.01 | <0.2 | 0.36 | <2 | <10 | 120 | <0.5 |
| B080889 | | 0.50 | <0.05 | <0.05 | <0.05 | <0.001 | 20.52 | 493.1 | <0.01 | <0.01 | <0.2 | 0.46 | <2 | <10 | 130 | <0.5 |
| B080890 | | 0.82 | <0.05 | <0.05 | <0.05 | <0.001 | 20.83 | 810.4 | 0.02 | <0.01 | <0.2 | 0.34 | <2 | <10 | 100 | <0.5 |
| B080891 | | 0.48 | <0.05 | <0.05 | <0.05 | <0.001 | 25.75 | 463.7 | <0.01 | 0.01 | <0.2 | 0.42 | <2 | <10 | 200 | <0.5 |
| B080892 | | 0.54 | <0.05 | <0.05 | <0.05 | <0.001 | 25.40 | 520.7 | 0.01 | 0.01 | <0.2 | 0.49 | <2 | <10 | 210 | <0.5 |
| B080893 | | 0.44 | <0.05 | <0.05 | <0.05 | <0.001 | 21.38 | 430.7 | 0.01 | 0.01 | <0.2 | 0.44 | <2 | <10 | 240 | <0.5 |
| B080894 | | 0.38 | <0.05 | <0.05 | <0.05 | <0.001 | 26.05 | 362.9 | <0.01 | <0.01 | <0.2 | 0.43 | <2 | <10 | 160 | <0.5 |
| B080895 | | 0.08 | NSS | NSS | NSS | NSS | NSS | NSS | 3.16 | 2.97 | <0.2 | 0.73 | 2380 | 10 | 160 | 1.1 |
| B080896 | | 0.58 | <0.05 | <0.05 | <0.05 | <0.001 | 15.84 | 570.8 | <0.01 | 0.03 | <0.2 | 0.20 | 4 | <10 | 110 | <0.5 |
| B080897 | | 0.42 | <0.05 | <0.05 | <0.05 | <0.001 | 13.25 | 414.1 | <0.01 | <0.01 | <0.2 | 0.25 | <2 | <10 | 80 | <0.5 |

Comments: NSS is non-sufficient sample.



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Page #: 2 - B
Total # of pages : 4 (A - C)
Date : 8-Jul-2003
Account: NJY

Project : 2-03-01

CERTIFICATE OF ANALYSIS VA03023298

| | Method Analyte Units LOR | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 |
|--------------------|-----------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| Sample Description | | | | | | | | | | | | | | | | |
| B080801 | | <2 | 0.04 | 1.0 | 3 | 7 | 6 | 0.94 | <10 | <1 | 0.20 | 30 | 0.04 | 162 | <1 | 0.05 |
| B080802 | | <2 | 0.04 | 0.6 | 4 | 5 | 3 | 1.26 | <10 | <1 | 0.25 | 40 | 0.04 | 149 | <1 | 0.02 |
| B080803 | | <2 | 0.02 | 0.8 | 2 | 8 | 7 | 0.90 | <10 | <1 | 0.15 | 30 | 0.04 | 172 | <1 | 0.04 |
| B080804 | | <2 | 0.02 | 0.9 | 3 | 6 | 18 | 1.08 | <10 | <1 | 0.25 | 40 | 0.04 | 196 | 1 | 0.03 |
| B080805 | | <2 | 0.04 | 0.5 | 3 | 5 | 15 | 1.10 | <10 | <1 | 0.22 | 30 | 0.03 | 205 | 3 | 0.03 |
| B080806 | | <2 | 0.06 | 0.7 | 4 | 5 | 9 | 1.09 | <10 | <1 | 0.28 | 30 | 0.05 | 174 | 1 | 0.03 |
| B080807 | | <2 | 0.10 | 1.6 | 3 | 6 | 6 | 1.06 | <10 | <1 | 0.20 | 30 | 0.06 | 238 | <1 | 0.04 |
| B080808 | | <2 | 0.13 | 1.1 | 2 | 9 | 6 | 1.00 | <10 | <1 | 0.16 | 30 | 0.07 | 186 | <1 | 0.05 |
| B080809 | | <2 | 0.11 | 0.7 | 4 | 5 | 8 | 1.15 | <10 | <1 | 0.24 | 40 | 0.10 | 218 | <1 | 0.03 |
| B080810 | | <2 | 0.05 | 0.6 | 5 | 4 | 8 | 1.20 | <10 | <1 | 0.31 | 30 | 0.07 | 235 | <1 | 0.02 |
| B080811 | | <2 | 0.10 | 1.3 | 4 | 6 | 5 | 1.18 | <10 | <1 | 0.20 | 30 | 0.07 | 264 | <1 | 0.04 |
| B080812 | | <2 | 0.02 | <0.5 | 2 | 37 | 35 | 3.07 | <10 | <1 | 0.35 | 30 | 0.03 | 43 | 3 | 0.01 |
| B080813 | | <2 | 0.11 | 0.8 | 4 | 79 | 9 | 0.85 | <10 | <1 | 0.25 | 30 | 0.07 | 257 | 2 | 0.03 |
| B080814 | | <2 | 0.06 | 0.5 | 2 | 6 | 5 | 0.88 | <10 | <1 | 0.16 | 30 | 0.06 | 198 | <1 | 0.03 |
| B080815 | | <2 | 0.05 | <0.5 | 2 | 95 | 8 | 0.60 | <10 | <1 | 0.20 | 30 | 0.07 | 236 | 2 | 0.03 |
| B080816 | | <2 | 0.27 | <0.5 | 4 | 5 | 4 | 0.91 | <10 | <1 | 0.26 | 40 | 0.13 | 345 | 1 | 0.02 |
| B080817 | | <2 | 0.47 | <0.5 | 5 | 68 | 5 | 0.90 | <10 | <1 | 0.29 | 40 | 0.19 | 373 | 2 | 0.03 |
| B080818 | | <2 | 0.18 | <0.5 | 4 | 5 | 4 | 1.13 | <10 | <1 | 0.29 | 40 | 0.13 | 309 | <1 | 0.02 |
| B080819 | | <2 | 0.45 | <0.5 | 3 | 7 | 4 | 0.99 | <10 | <1 | 0.20 | 20 | 0.12 | 430 | <1 | 0.04 |
| B080820 | | <2 | 0.32 | <0.5 | 5 | 4 | 5 | 0.88 | <10 | <1 | 0.29 | 50 | 0.17 | 507 | <1 | 0.01 |
| B080821 | | <2 | 0.44 | <0.5 | 5 | 5 | 3 | 1.22 | <10 | <1 | 0.33 | 40 | 0.17 | 373 | <1 | 0.03 |
| B080822 | | <2 | 0.22 | <0.5 | 5 | 6 | 3 | 1.56 | <10 | <1 | 0.25 | 30 | 0.11 | 335 | <1 | 0.03 |
| B080823 | | <2 | 0.20 | <0.5 | 4 | 7 | 3 | 1.48 | <10 | <1 | 0.27 | 30 | 0.09 | 230 | <1 | 0.04 |
| B080824 | | <2 | 0.02 | <0.5 | 2 | 40 | 35 | 3.01 | <10 | <1 | 0.35 | 40 | 0.04 | 42 | 3 | 0.01 |
| B080825 | | <2 | 0.20 | <0.5 | 4 | 6 | 3 | 1.54 | <10 | <1 | 0.37 | 40 | 0.09 | 255 | <1 | 0.03 |
| B080826 | | <2 | 0.17 | <0.5 | 5 | 6 | 8 | 1.30 | <10 | <1 | 0.34 | 30 | 0.11 | 350 | 1 | 0.04 |
| B080827 | | <2 | 0.06 | <0.5 | 2 | 8 | 7 | 1.05 | <10 | <1 | 0.16 | 30 | 0.04 | 149 | <1 | 0.05 |
| B080828 | | <2 | 0.14 | <0.5 | 3 | 8 | 10 | 1.22 | <10 | <1 | 0.26 | 30 | 0.07 | 237 | 1 | 0.06 |
| B080829 | | 2 | 0.11 | <0.5 | 3 | 7 | 9 | 1.10 | <10 | <1 | 0.28 | 40 | 0.08 | 198 | <1 | 0.04 |
| B080830 | | <2 | 0.10 | <0.5 | 4 | 6 | 4 | 1.21 | <10 | <1 | 0.32 | 40 | 0.08 | 161 | <1 | 0.04 |
| B080831 | | <2 | 0.05 | <0.5 | 2 | 9 | 8 | 1.18 | <10 | <1 | 0.13 | 20 | 0.04 | 245 | <1 | 0.08 |
| B080832 | | <2 | 0.06 | <0.5 | 6 | 7 | 12 | 1.56 | <10 | <1 | 0.33 | 40 | 0.08 | 384 | 1 | 0.03 |
| B080833 | | <2 | 0.03 | <0.5 | 2 | 7 | 4 | 1.04 | <10 | <1 | 0.12 | 30 | 0.04 | 206 | 1 | 0.06 |
| B080834 | | 2 | 0.83 | 0.8 | 23 | 326 | 67 | 4.32 | 10 | <1 | 1.00 | 30 | 1.17 | 1280 | 2 | 0.12 |
| B080835 | | <2 | 0.03 | <0.5 | 2 | 9 | 7 | 1.08 | <10 | <1 | 0.17 | 30 | 0.05 | 173 | <1 | 0.04 |
| B080836 | | <2 | 0.07 | <0.5 | 3 | 8 | 3 | 1.12 | <10 | <1 | 0.25 | 30 | 0.06 | 179 | <1 | 0.04 |
| B080837 | | <2 | 0.04 | <0.5 | 3 | 7 | 7 | 1.18 | <10 | <1 | 0.21 | 30 | 0.07 | 116 | 1 | 0.04 |
| B080838 | | <2 | 0.03 | <0.5 | 4 | 6 | 3 | 1.06 | <10 | <1 | 0.28 | 50 | 0.06 | 186 | <1 | 0.02 |
| B080839 | | <2 | 0.05 | <0.5 | 5 | 6 | 4 | 1.32 | <10 | <1 | 0.22 | 30 | 0.07 | 260 | <1 | 0.03 |
| B080840 | | <2 | 0.05 | <0.5 | 5 | 6 | 5 | 1.36 | <10 | <1 | 0.23 | 30 | 0.07 | 269 | <1 | 0.03 |

Comments: NSS is non-sufficient sample.



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Date : 8-Jul-2003
Account: NJY

Project : 2-03-01

CERTIFICATE OF ANALYSIS VA03023298

| Sample Description | Method Analyte Units LOR | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 |
|--------------------|-----------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| B080841 | | <2 | 0.04 | <0.5 | 2 | 7 | 5 | 0.94 | <10 | <1 | 0.12 | 20 | 0.04 | 115 | <1 | 0.04 |
| B080842 | | <2 | 0.44 | <0.5 | 2 | 7 | 4 | 0.84 | <10 | <1 | 0.04 | 20 | 0.17 | 205 | <1 | 0.05 |
| B080843 | | <2 | 0.20 | <0.5 | 2 | 9 | 9 | 1.06 | <10 | <1 | 0.06 | 20 | 0.11 | 172 | <1 | 0.06 |
| B080844 | | <2 | 0.05 | <0.5 | 3 | 4 | 4 | 0.91 | <10 | <1 | 0.29 | 50 | 0.14 | 131 | <1 | 0.02 |
| B080845 | | <2 | 0.06 | <0.5 | 5 | 4 | 4 | 1.10 | <10 | <1 | 0.32 | 40 | 0.16 | 144 | <1 | 0.02 |
| B080846 | | <2 | 0.45 | <0.5 | 4 | 63 | 33 | 3.17 | <10 | <1 | 0.27 | 20 | 0.06 | 85 | 7 | 0.03 |
| B080847 | | <2 | 0.02 | <0.5 | 2 | 9 | 5 | 1.12 | <10 | <1 | 0.10 | 30 | 0.04 | 126 | <1 | 0.05 |
| B080848 | | <2 | 0.02 | <0.5 | 4 | 6 | 5 | 1.14 | <10 | <1 | 0.22 | 40 | 0.05 | 174 | <1 | 0.03 |
| B080849 | | <2 | 0.06 | <0.5 | 3 | 95 | 6 | 0.96 | <10 | <1 | 0.23 | 30 | 0.07 | 160 | 2 | 0.04 |
| B080850 | | <2 | 0.03 | <0.5 | 3 | 89 | 5 | 0.70 | <10 | <1 | 0.12 | 30 | 0.03 | 173 | 2 | 0.04 |
| B080851 | | <2 | 0.11 | <0.5 | 4 | 88 | 8 | 0.90 | <10 | <1 | 0.29 | 40 | 0.08 | 193 | 2 | 0.03 |
| B080852 | | <2 | 0.02 | 1.4 | 5 | 71 | 17 | 0.97 | <10 | <1 | 0.29 | 60 | 0.05 | 321 | 1 | 0.05 |
| B080853 | | <2 | 0.04 | 1.6 | 5 | 64 | 17 | 0.93 | <10 | 1 | 0.28 | 50 | 0.07 | 246 | 1 | 0.04 |
| B080854 | | <2 | 0.03 | 0.9 | 3 | 106 | 6 | 0.84 | <10 | <1 | 0.21 | 30 | 0.05 | 151 | 2 | 0.07 |
| B080855 | | <2 | 0.05 | <0.5 | 4 | 52 | 4 | 0.90 | <10 | 1 | 0.30 | 40 | 0.07 | 116 | 1 | 0.03 |
| B080856 | | <2 | 0.03 | <0.5 | 3 | 121 | 7 | 0.91 | <10 | <1 | 0.20 | 30 | 0.06 | 214 | 3 | 0.06 |
| B080857 | | <2 | 0.03 | <0.5 | 5 | 61 | 5 | 1.13 | <10 | <1 | 0.23 | 30 | 0.06 | 223 | 1 | 0.04 |
| B080858 | | <2 | 0.26 | <0.5 | 3 | 108 | 5 | 0.91 | <10 | 1 | 0.25 | 30 | 0.08 | 294 | 2 | 0.04 |
| B080859 | | <2 | 0.17 | <0.5 | 5 | 59 | 7 | 1.17 | <10 | <1 | 0.26 | 40 | 0.07 | 252 | 1 | 0.03 |
| B080860 | | <2 | 0.02 | <0.5 | 1 | 40 | 35 | 2.63 | <10 | 1 | 0.35 | 40 | 0.03 | 42 | 3 | 0.02 |
| B080861 | | <2 | 0.21 | <0.5 | 3 | 113 | 6 | 1.17 | <10 | 1 | 0.32 | 40 | 0.11 | 254 | 2 | 0.04 |
| B080862 | | <2 | 0.23 | <0.5 | 3 | 114 | 9 | 0.74 | <10 | 1 | 0.24 | 30 | 0.09 | 158 | 2 | 0.03 |
| B080863 | | <2 | 0.38 | <0.5 | 3 | 83 | 7 | 0.58 | <10 | 1 | 0.21 | 30 | 0.20 | 321 | 2 | 0.04 |
| B080864 | | <2 | 0.06 | <0.5 | 4 | 69 | 5 | 0.75 | <10 | <1 | 0.29 | 50 | 0.09 | 99 | 1 | 0.03 |
| B080865 | | <2 | 0.09 | <0.5 | 2 | 94 | 7 | 0.72 | <10 | 1 | 0.13 | 30 | 0.06 | 86 | 2 | 0.05 |
| B080866 | | <2 | 0.09 | <0.5 | 3 | 69 | 30 | 0.70 | <10 | 1 | 0.25 | 40 | 0.09 | 73 | 2 | 0.03 |
| B080867 | | <2 | 0.02 | <0.5 | 2 | 81 | 7 | 0.65 | <10 | 1 | 0.22 | 30 | 0.07 | 69 | 2 | 0.05 |
| B080868 | | <2 | 0.03 | 0.8 | 1 | 134 | 8 | 0.52 | <10 | 1 | 0.17 | 20 | 0.05 | 128 | 3 | 0.04 |
| B080869 | | <2 | 0.01 | 2.6 | 1 | 126 | 12 | 0.62 | <10 | 1 | 0.06 | 20 | 0.02 | 83 | 2 | 0.06 |
| B080870 | | <2 | 0.01 | 1.0 | 1 | 138 | 9 | 0.69 | <10 | <1 | 0.11 | 50 | 0.03 | 125 | 3 | 0.09 |
| B080871 | | 3 | 0.88 | <0.5 | 24 | 331 | 75 | 4.35 | 10 | <1 | 1.04 | 30 | 1.21 | 1450 | 2 | 0.14 |
| B080872 | | <2 | 0.11 | <0.5 | 3 | 108 | 10 | 0.77 | <10 | <1 | 0.20 | 30 | 0.10 | 125 | 2 | 0.04 |
| B080873 | | <2 | 0.09 | <0.5 | 4 | 108 | 12 | 0.80 | <10 | 2 | 0.24 | 30 | 0.13 | 178 | 2 | 0.03 |
| B080874 | | <2 | 0.03 | <0.5 | 2 | 85 | 7 | 0.78 | <10 | 1 | 0.17 | 30 | 0.05 | 156 | 1 | 0.04 |
| B080875 | | <2 | 0.08 | <0.5 | 4 | 94 | 16 | 0.97 | <10 | 1 | 0.25 | 40 | 0.08 | 130 | 2 | 0.03 |
| B080876 | | <2 | 0.02 | <0.5 | 2 | 104 | 8 | 0.71 | <10 | 1 | 0.10 | 30 | 0.06 | 98 | 2 | 0.05 |
| B080877 | | <2 | 0.03 | <0.5 | 1 | 114 | 6 | 0.48 | <10 | 1 | 0.14 | 20 | 0.05 | 104 | 2 | 0.05 |
| B080878 | | <2 | 0.03 | <0.5 | 3 | 118 | 9 | 0.64 | <10 | <1 | 0.10 | 30 | 0.07 | 116 | 2 | 0.04 |
| B080879 | | <2 | 0.02 | <0.5 | 1 | 173 | 11 | 0.40 | <10 | <1 | 0.09 | 30 | 0.03 | 69 | 3 | 0.05 |
| B080880 | | <2 | 0.02 | <0.5 | 1 | 120 | 9 | 0.34 | <10 | 1 | 0.09 | 20 | 0.03 | 73 | 2 | 0.06 |

Comments: NSS is non-sufficient sample.



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Page #: 4 - B
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CERTIFICATE OF ANALYSIS VA03023298

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------------|-----------------|------------------|----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|
| | | Bi ppm 2 | Ca % 0.01 | Cd ppm 0.5 | Co ppm 1 | Cr ppm 1 | Cu ppm 1 | Fe % 0.01 | Ga ppm 10 | Hg ppm 1 | K % 0.01 | La ppm 10 | Mg % 0.01 | Mn ppm 5 | Mo ppm 1 | Na % 0.01 |
| B080881 | | <2 | 0.09 | <0.5 | 2 | 110 | 7 | 0.40 | <10 | 1 | 0.16 | 20 | 0.08 | 60 | 2 | 0.05 |
| B080882 | | <2 | 0.43 | <0.5 | 3 | 60 | 35 | 2.84 | <10 | <1 | 0.28 | 20 | 0.06 | 87 | 6 | 0.03 |
| B080883 | | <2 | 0.22 | <0.5 | 2 | 129 | 16 | 0.60 | <10 | 1 | 0.08 | 30 | 0.11 | 140 | 2 | 0.05 |
| B080884 | | <2 | 0.15 | <0.5 | 2 | 146 | 13 | 0.45 | <10 | 1 | 0.08 | 30 | 0.07 | 88 | 3 | 0.05 |
| B080885 | | <2 | 0.04 | <0.5 | <1 | 122 | 15 | 0.35 | <10 | <1 | 0.07 | 10 | 0.02 | 27 | 2 | 0.06 |
| B080886 | | <2 | 0.03 | <0.5 | 1 | 135 | 11 | 0.46 | <10 | 1 | 0.10 | 50 | 0.03 | 52 | 2 | 0.06 |
| B080887 | | <2 | 0.02 | <0.5 | 2 | 104 | 9 | 0.53 | <10 | <1 | 0.09 | 30 | 0.04 | 62 | 2 | 0.05 |
| B080888 | | <2 | 0.03 | <0.5 | 4 | 89 | 9 | 0.71 | <10 | <1 | 0.19 | 30 | 0.06 | 243 | 2 | 0.04 |
| B080889 | | <2 | 0.16 | <0.5 | 7 | 41 | 5 | 0.95 | <10 | <1 | 0.27 | 40 | 0.11 | 267 | 1 | 0.02 |
| B080890 | | <2 | 0.23 | <0.5 | 3 | 80 | 5 | 0.87 | <10 | <1 | 0.20 | 30 | 0.12 | 221 | 2 | 0.04 |
| B080891 | | <2 | 0.17 | <0.5 | 6 | 41 | 14 | 0.96 | <10 | <1 | 0.25 | 30 | 0.10 | 534 | 1 | 0.02 |
| B080892 | | <2 | 0.14 | <0.5 | 7 | 41 | 11 | 1.19 | <10 | <1 | 0.28 | 40 | 0.10 | 351 | 1 | 0.02 |
| B080893 | | <2 | 0.16 | <0.5 | 5 | 36 | 7 | 1.03 | <10 | 1 | 0.28 | 40 | 0.09 | 194 | 1 | 0.02 |
| B080894 | | <2 | 0.29 | <0.5 | 5 | 60 | 6 | 1.04 | <10 | <1 | 0.28 | 40 | 0.13 | 222 | 1 | 0.03 |
| B080895 | | <2 | 0.01 | <0.5 | 2 | 35 | 32 | 2.60 | <10 | <1 | 0.32 | 30 | 0.03 | 40 | 2 | 0.01 |
| B080896 | | <2 | 0.25 | <0.5 | 2 | 181 | 9 | 0.74 | <10 | 1 | 0.14 | 10 | 0.08 | 241 | 3 | 0.03 |
| B080897 | | <2 | 0.17 | <0.5 | 2 | 138 | 10 | 0.57 | <10 | 1 | 0.14 | 20 | 0.06 | 226 | 3 | 0.04 |

Comments: NSS is non-sufficient sample.



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Total # of pages : 4 (A - C)
Date : 8-Jul-2003
Account: NJY

Project : 2-03-01

CERTIFICATE OF ANALYSIS VA03023298

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|----------------|---------------|----------------|----------------|
| | | Ni ppm 1 | P ppm 10 | Pb ppm 2 | S % 0.01 | Sb ppm 2 | Sc ppm 1 | Sr ppm 1 | Ti % 0.01 | Ti ppm 10 | U ppm 10 | V ppm 1 | W ppm 10 | Zn ppm 2 |
| B080801 | | 3 | 120 | 5 | <0.01 | <2 | 1 | 4 | 0.01 | <10 | <10 | 4 | <10 | 71 |
| B080802 | | 4 | 190 | 4 | <0.01 | <2 | 1 | 3 | 0.01 | <10 | <10 | 3 | <10 | 50 |
| B080803 | | 3 | 90 | 9 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 57 |
| B080804 | | 3 | 120 | 30 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 63 |
| B080805 | | 4 | 190 | 13 | <0.01 | <2 | 1 | 5 | 0.01 | <10 | <10 | 3 | <10 | 43 |
| B080806 | | 4 | 280 | 11 | <0.01 | <2 | 1 | 4 | 0.01 | <10 | <10 | 3 | <10 | 76 |
| B080807 | | 3 | 120 | 4 | <0.01 | <2 | 1 | 6 | 0.01 | <10 | <10 | 3 | <10 | 65 |
| B080808 | | 3 | 60 | 5 | <0.01 | <2 | 1 | 6 | 0.01 | <10 | <10 | 3 | <10 | 63 |
| B080809 | | 5 | 130 | 5 | <0.01 | <2 | 1 | 5 | 0.01 | <10 | <10 | 4 | <10 | 74 |
| B080810 | | 5 | 220 | 13 | <0.01 | <2 | 1 | 3 | 0.01 | <10 | <10 | 5 | <10 | 57 |
| B080811 | | 5 | 160 | 4 | <0.01 | <2 | 1 | 12 | 0.01 | <10 | <10 | 4 | <10 | 81 |
| B080812 | | 7 | 260 | 32 | 0.02 | 88 | 7 | 78 | <0.01 | <10 | <10 | 12 | <10 | 16 |
| B080813 | | 8 | 220 | 2 | <0.01 | <2 | 1 | 4 | 0.01 | <10 | <10 | 4 | <10 | 64 |
| B080814 | | 3 | 140 | 2 | <0.01 | <2 | 1 | 3 | 0.01 | <10 | <10 | 3 | <10 | 32 |
| B080815 | | 7 | 160 | 5 | <0.01 | <2 | 1 | 3 | 0.01 | <10 | <10 | 3 | <10 | 16 |
| B080816 | | 5 | 170 | 7 | <0.01 | <2 | 1 | 8 | <0.01 | <10 | <10 | 3 | <10 | 22 |
| B080817 | | 8 | 90 | 2 | <0.01 | <2 | 1 | 15 | 0.01 | <10 | <10 | 3 | <10 | 18 |
| B080818 | | 5 | 250 | <2 | <0.01 | <2 | 1 | 5 | 0.01 | <10 | <10 | 4 | <10 | 19 |
| B080819 | | 4 | 110 | 4 | 0.03 | <2 | 1 | 20 | 0.01 | <10 | <10 | 3 | <10 | 14 |
| B080820 | | 6 | 200 | 21 | <0.01 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 23 |
| B080821 | | 8 | 210 | 3 | <0.01 | <2 | 1 | 13 | 0.01 | <10 | <10 | 6 | <10 | 19 |
| B080822 | | 7 | 180 | 4 | <0.01 | <2 | 1 | 6 | 0.01 | <10 | <10 | 7 | <10 | 14 |
| B080823 | | 4 | 240 | 3 | <0.01 | <2 | 1 | 10 | 0.02 | <10 | <10 | 6 | <10 | 8 |
| B080824 | | 7 | 250 | 32 | 0.02 | 82 | 7 | 83 | <0.01 | <10 | <10 | 12 | <10 | 15 |
| B080825 | | 6 | 480 | 3 | <0.01 | <2 | 1 | 6 | 0.01 | <10 | <10 | 5 | <10 | 12 |
| B080826 | | 6 | 250 | 5 | 0.01 | <2 | 1 | 8 | 0.01 | <10 | <10 | 3 | <10 | 14 |
| B080827 | | 2 | 120 | 4 | <0.01 | <2 | 1 | 9 | 0.01 | <10 | <10 | 3 | <10 | 8 |
| B080828 | | 4 | 90 | 5 | 0.03 | <2 | 1 | 26 | 0.01 | <10 | <10 | 4 | <10 | 8 |
| B080829 | | 4 | 130 | 3 | <0.01 | <2 | 1 | 8 | 0.01 | <10 | <10 | 4 | <10 | 9 |
| B080830 | | 6 | 160 | <2 | <0.01 | <2 | 1 | 9 | 0.01 | <10 | <10 | 4 | <10 | 13 |
| B080831 | | 3 | 80 | 3 | 0.02 | <2 | 1 | 17 | 0.01 | <10 | <10 | 3 | <10 | 4 |
| B080832 | | 7 | 230 | 3 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 3 | <10 | 16 |
| B080833 | | 4 | 100 | 2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 7 |
| B080834 | | 160 | 280 | 26 | 0.61 | 4 | 10 | 62 | 0.18 | <10 | <10 | 62 | 10 | 98 |
| B080835 | | 3 | 90 | 2 | <0.01 | <2 | 1 | 4 | 0.01 | <10 | <10 | 2 | <10 | 5 |
| B080836 | | 5 | 70 | 2 | <0.01 | <2 | 1 | 7 | 0.01 | <10 | <10 | 3 | <10 | 8 |
| B080837 | | 5 | 140 | 2 | 0.01 | <2 | 1 | 7 | <0.01 | <10 | <10 | 3 | <10 | 10 |
| B080838 | | 4 | 120 | 2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 11 |
| B080839 | | 6 | 160 | 6 | 0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 19 |
| B080840 | | 6 | 150 | 7 | 0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 19 |

Comments: NSS is non-sufficient sample.



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Project: 2-03-01

CERTIFICATE OF ANALYSIS VA03023298

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|----------------|---------------|----------------|----------------|
| | | Ni ppm 1 | P ppm 10 | Pb ppm 2 | S % 0.01 | Sb ppm 2 | Sc ppm 1 | Sr ppm 1 | Ti % 0.01 | Ti ppm 10 | U ppm 10 | V ppm 1 | W ppm 10 | Zn ppm 2 |
| B080841 | | 3 | 120 | 21 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 9 |
| B080842 | | 3 | 160 | 3 | <0.01 | <2 | 1 | 8 | <0.01 | <10 | <10 | <1 | <10 | 8 |
| B080843 | | 4 | 100 | 17 | 0.01 | <2 | 1 | 7 | <0.01 | <10 | <10 | 1 | <10 | 10 |
| B080844 | | 5 | 140 | <2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 3 | <10 | 13 |
| B080845 | | 6 | 200 | 2 | <0.01 | <2 | 1 | 11 | <0.01 | <10 | <10 | 4 | <10 | 17 |
| B080846 | | 18 | 210 | 32 | 0.01 | 38 | 4 | 32 | <0.01 | <10 | <10 | 13 | <10 | 1375 |
| B080847 | | 3 | 60 | 2 | 0.01 | <2 | 1 | 6 | 0.01 | <10 | <10 | 3 | <10 | 6 |
| B080848 | | 4 | 90 | 5 | <0.01 | <2 | 1 | 3 | 0.01 | <10 | <10 | 3 | <10 | 16 |
| B080849 | | 7 | 80 | 3 | <0.01 | <2 | 1 | 4 | 0.01 | <10 | <10 | 4 | <10 | 9 |
| B080850 | | 7 | 120 | 2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 14 |
| B080851 | | 8 | 450 | 3 | <0.01 | <2 | 1 | 6 | 0.01 | <10 | <10 | 4 | <10 | 13 |
| B080852 | | 8 | 140 | 8 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 4 | <10 | 92 |
| B080853 | | 7 | 230 | 4 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 4 | <10 | 113 |
| B080854 | | 7 | 110 | 4 | <0.01 | <2 | 1 | 4 | 0.01 | <10 | <10 | 4 | <10 | 49 |
| B080855 | | 7 | 230 | 2 | <0.01 | <2 | 1 | 4 | 0.01 | <10 | <10 | 5 | <10 | 22 |
| B080856 | | 7 | 110 | 2 | <0.01 | <2 | 1 | 4 | 0.01 | <10 | <10 | 5 | <10 | 10 |
| B080857 | | 7 | 130 | 3 | <0.01 | <2 | 1 | 4 | 0.01 | <10 | <10 | 4 | <10 | 14 |
| B080858 | | 7 | 260 | 3 | <0.01 | <2 | 1 | 6 | 0.01 | <10 | <10 | 4 | <10 | 8 |
| B080859 | | 8 | 550 | 6 | <0.01 | <2 | 1 | 6 | 0.01 | <10 | <10 | 4 | <10 | 15 |
| B080860 | | 7 | 280 | 30 | 0.02 | 96 | 8 | 100 | <0.01 | <10 | <10 | 12 | <10 | 15 |
| B080861 | | 9 | 530 | 4 | <0.01 | <2 | 1 | 9 | 0.01 | <10 | <10 | 6 | <10 | 8 |
| B080862 | | 7 | 480 | 2 | 0.01 | <2 | 1 | 18 | 0.01 | <10 | <10 | 4 | <10 | 8 |
| B080863 | | 8 | 150 | 2 | <0.01 | <2 | 1 | 14 | <0.01 | <10 | <10 | 3 | <10 | 10 |
| B080864 | | 8 | 160 | 2 | <0.01 | <2 | 1 | 7 | <0.01 | <10 | <10 | 4 | <10 | 13 |
| B080865 | | 5 | 70 | 3 | <0.01 | <2 | 1 | 6 | 0.01 | <10 | <10 | 4 | <10 | 3 |
| B080866 | | 7 | 100 | 15 | <0.01 | <2 | 1 | 6 | 0.01 | <10 | <10 | 4 | <10 | 36 |
| B080867 | | 6 | 90 | 2 | <0.01 | <2 | 1 | 3 | 0.01 | <10 | <10 | 4 | <10 | 7 |
| B080868 | | 6 | 130 | 37 | 0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 26 |
| B080869 | | 5 | 70 | 233 | 0.09 | <2 | <1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 144 |
| B080870 | | 7 | 70 | 5 | <0.01 | <2 | 1 | 3 | 0.01 | <10 | <10 | 3 | <10 | 26 |
| B080871 | | 161 | 270 | 28 | 0.61 | 5 | 10 | 82 | 0.20 | <10 | <10 | 71 | 10 | 102 |
| B080872 | | 7 | 110 | 3 | <0.01 | <2 | 1 | 5 | 0.01 | <10 | <10 | 3 | <10 | 7 |
| B080873 | | 9 | 160 | 2 | <0.01 | <2 | 1 | 5 | 0.01 | <10 | <10 | 3 | <10 | 7 |
| B080874 | | 6 | 140 | 3 | <0.01 | <2 | 1 | 4 | 0.01 | <10 | <10 | 3 | <10 | 4 |
| B080875 | | 10 | 230 | 6 | <0.01 | <2 | 1 | 6 | 0.01 | <10 | <10 | 3 | <10 | 17 |
| B080876 | | 6 | 100 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 7 |
| B080877 | | 7 | 70 | 17 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 8 |
| B080878 | | 7 | 100 | 2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 13 |
| B080879 | | 8 | 50 | 2 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 4 |
| B080880 | | 5 | 70 | 2 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 3 |

Comments: NSS is non-sufficient sample.



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Page #: 4 - C
Total # of pages : 4 (A - C)
Date : 8-Jul-2003
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Project : 2-03-01

CERTIFICATE OF ANALYSIS VA03023298

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|-----------|----------|-----------|----------|----------|----------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Ti | U | V | W | Zn |
| | | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 | ppm 1 | ppm 1 | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| B080881 | | 6 | 80 | 4 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 6 |
| B080882 | | 16 | 220 | 35 | 0.01 | 44 | 5 | 38 | <0.01 | <10 | <10 | 13 | <10 | 1375 |
| B080883 | | 7 | 40 | 2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 10 |
| B080884 | | 8 | 50 | 3 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 9 |
| B080885 | | 6 | 140 | 4 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 4 |
| B080886 | | 7 | 80 | 2 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 5 |
| B080887 | | 7 | 100 | 5 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 9 |
| B080888 | | 8 | 140 | 8 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 3 | <10 | 14 |
| B080889 | | 9 | 280 | <2 | <0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 4 | <10 | 17 |
| B080890 | | 6 | 160 | 3 | <0.01 | <2 | 1 | 7 | 0.01 | <10 | <10 | 4 | <10 | 11 |
| B080891 | | 8 | 180 | 19 | <0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 3 | <10 | 18 |
| B080892 | | 9 | 390 | 5 | <0.01 | <2 | 1 | 8 | <0.01 | <10 | <10 | 4 | <10 | 19 |
| B080893 | | 7 | 200 | 2 | <0.01 | <2 | 1 | 11 | 0.01 | <10 | <10 | 4 | <10 | 16 |
| B080894 | | 7 | 330 | <2 | <0.01 | <2 | 1 | 10 | 0.01 | <10 | <10 | 4 | <10 | 13 |
| B080895 | | 8 | 250 | 29 | 0.02 | 98 | 7 | 74 | <0.01 | <10 | <10 | 11 | <10 | 15 |
| B080896 | | 12 | 280 | <2 | <0.01 | <2 | <1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 6 |
| B080897 | | 8 | 140 | 2 | <0.01 | <2 | 1 | 4 | 0.01 | <10 | <10 | 3 | <10 | 4 |

Comments: NSS is non-sufficient sample.

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z03-2

LENGTH: 163.4 M.

| | | | |
|---|---|---------------------------|-------------------------------|
| PROPERTY: ZINGER | | HORI. COMP: 115.54 meters | DRILL CONTRACTOR: LONE RANGER |
| LOCATION: SAME DRILL SITE AS HOLE Z03-1 | | VERT. COMP: 115.54 meters | |
| COMMENCED: June 21, 2003 | COMPLETED: June 26, 2003 | CORR. DIP: -45° | CORE SIZE: NQ |
| COORDS: Long. | Lat. | TRUE BEARING: 270° | CASING: -1.0 meters |
| COORDS: UTM (E) | (N) (EL) | % RECOVERY: | CORE STORAGE: VINE PROPERTY |
| COORDS: Grid (E) | (N) (EL) | LOGGED DATE: June 2003 | |
| ELEVATION: 2060 meters | COLLAR: Dip: -45 Azi: 270° | LOGGED BY: D.L. PIGHIN | |
| OBJECTIVE: | | | |
| SURVEYS: Depth: | Dip: Azi: | Type: | |
| ADDITIONAL SURVEYS: | | | |
| Depth: | Dip: Azi: | | |
| From To | LITHOLOGY: Siltstone – interbedded quartzite, minor thin beds of argillite. Unit Hematitic consists of 50% quartzite and 49% siltstone, 1% argillite (estimated). | | |
| 1.0 17.0 | COLOR: Purple quartzite and siltstone and yellowish green argillite. Some maroon quartzites near top of unit. | | |
| | PRIMARY STRUCTURE: Medium to thin bedded, bedding is distinct generally flat. Bedding to core at 2.0 = 22°, at 5.0 = 13°, at 7.5 = 10°, at 16.0 = 17°. | | |
| | TECTONIC STRUCTURE: 6.0 to 15.0 meters broken – rubbly core; possibly due to surface weathering. | | |
| | GENERAL ALTERATION: Patchy silicification, yellowish – green sericitization is intense in argillite beds and locally alters the matrix of quartzite. | | |
| | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Rare limonite filled fractures at 5° and 60° to core axis. | | |

| From | To | %Core Loss | Comments | Sample No | Width | Au | Ag | As | Pb | Zn | Cu |
|------|----|------------|---------------------------------|-----------|-------|-------|------|----|-----|-----|-----|
| 1 | 2 | | Rare limonite filled fractures. | M 155623 | 1 | <0.05 | <0.2 | 2 | 47 | 130 | 23 |
| 2 | 3 | | Rare limonite filled fractures. | M 155624 | 1 | <0.05 | <0.2 | 2 | 6 | 73 | 18 |
| 3 | 4 | | Rare limonite filled fractures. | M 155625 | 1 | <0.05 | 0.2 | <2 | 184 | 54 | 143 |
| 4 | 5 | | Rare limonite filled fractures. | M 155626 | 1 | <0.05 | <0.2 | <2 | 162 | 45 | 135 |
| 5 | 6 | | Rare limonite filled fractures. | M 155627 | 1 | <0.05 | <0.2 | <2 | 38 | 32 | 19 |
| 6 | 7 | | Rare limonite filled fractures. | M 155628 | 1 | <0.05 | <0.2 | 2 | 16 | 88 | 19 |
| 7 | 8 | | Rare limonite filled fractures. | M 155629 | 1 | <0.05 | <0.2 | 2 | 3 | 81 | 3 |
| 8 | 9 | | Rare limonite filled fractures. | M 155630 | 1 | <0.05 | <0.2 | 2 | 2 | 38 | 4 |
| 9 | 10 | | Rare limonite filled fractures. | M 155631 | 1 | <0.05 | <0.2 | <2 | 2 | 17 | 1 |
| 10 | 11 | | Rare limonite filled fractures. | M 155632 | 1 | <0.05 | 0.3 | <2 | 2 | 5 | 1 |
| 11 | 12 | | Rare limonite filled fractures. | M 155633 | 1 | <0.05 | 0.2 | 2 | <2 | 2 | 1 |
| 12 | 13 | | Rare limonite filled fractures. | M 155634 | 1 | <0.05 | <0.2 | <2 | 2 | 3 | 2 |
| 13 | 14 | | Rare limonite filled fractures. | M 155635 | 1 | <0.05 | <0.2 | <2 | 4 | 9 | 6 |
| 14 | 15 | | Rare limonite filled fractures. | M 155636 | 1 | <0.05 | <0.2 | <2 | 3 | 6 | 2 |
| 15 | 16 | | Rare limonite filled fractures. | M 155637 | 1 | <0.05 | <0.2 | <2 | 2 | 5 | 2 |
| 16 | 17 | | Rare limonite filled fractures. | M 155638 | 1 | <0.05 | <0.2 | <2 | 2 | 11 | 1 |

340

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z03-2
LENGTH: 163.4 M.

| From | To | LITHOLOGY: Brecciated quartzite interbedded argillite (unit is 30% Argillite). |
|------|------|---|
| 17.0 | 26.0 | COLOR: Quartzites are maroon, argillites are light green to yellowish green. |
| | | PRIMARY STRUCTURE: Medium to thin bedded, locally very thin bedded, Bedding is distinct, generally flat. Quartzites are fine grained, parallel and crenulated lamination is rarely in quartzite, argillite beds rarely show lamination, due to intense alteration. Bedding to core at 19.5 = 31°, and 26.0 = 20° |
| | | TECTONIC STRUCTURE: Brecciation ranges between moderate to locally intense; Fractures (veinlets) cut core at 29° |
| | | GENERAL ALTERATION: Quartzite beds are all weakly hematitic (syngentic hematite). Silicification and sericitization, may be in part regional, yellowish-green sericitization appears related to mineralization late limonitization through-out breccia structure. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Veinlets of Drusy quartz, and minor Fe-carbonate range in thickness from 2mm to 10 mm. The veinlets host mainly limonite after pyrite. Quartz crystals are abundant in vugs in quartz veinlets. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No | Width | Au | Ag | As | Pb | Zn | Cu |
|------|------|------------|--|-----------|-------|-------|------|----|----|----|----|
| 17 | 17.5 | | Brecciated zone with abundant quartz-limonite and pyrite veinlets. | M 155639 | 0.5 | <0.05 | <0.2 | <2 | 2 | 7 | 1 |
| 17.5 | 18 | | Brecciated zone with abundant quartz-limonite and pyrite veinlets. | M 155640 | 0.5 | <0.05 | <0.2 | <2 | 3 | 9 | 2 |
| 18 | 18.5 | | Brecciated zone with abundant quartz-limonite and pyrite veinlets. | M 155641 | 0.5 | <0.05 | <0.2 | <2 | 2 | 10 | 1 |
| 18.5 | 19 | | Brecciated zone with abundant quartz-limonite and pyrite veinlets. | M 155642 | 0.5 | <0.05 | <0.2 | <2 | 2 | 19 | 2 |
| 19 | 19.5 | | Brecciated zone with abundant quartz-limonite and pyrite veinlets. | M 155643 | 0.5 | <0.05 | <0.2 | <2 | <2 | 9 | 1 |
| 19.5 | 20 | | Brecciated zone with abundant quartz-limonite and pyrite veinlets. | M 155644 | 0.5 | <0.05 | <0.2 | <2 | 3 | 7 | 1 |
| 20 | 20.5 | | Brecciated zone with abundant quartz-limonite and pyrite veinlets. | M 155645 | 0.5 | <0.05 | <0.2 | 2 | 5 | 15 | 1 |
| 20.5 | 21 | | Brecciated zone with abundant quartz-limonite and pyrite veinlets. | M 155646 | 0.5 | <0.05 | <0.2 | <2 | 6 | 5 | 1 |
| 21 | 21.5 | | Brecciated zone with abundant quartz-limonite and pyrite veinlets. | M 155647 | 0.5 | <0.05 | <0.2 | 2 | 12 | 15 | 1 |
| 21.5 | 22 | | Brecciated zone with abundant quartz-limonite and pyrite veinlets. | M 155648 | 0.5 | <0.05 | <0.2 | <2 | 2 | 14 | 1 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z03-2

LENGTH: 163.4 M.

| From | To | %Core Loss | Comments | Sample No | Width | Au | Ag | As | Pb | Zn | Cu |
|------|------|------------|--|-----------|-------|-------|------|----|----|----|----|
| 22 | 22.5 | | Brecciated zone with abundant quartz-limonite and pyrite veinlets. | M 155649 | 0.5 | <0.05 | <0.2 | <2 | 2 | 11 | 6 |
| 22.5 | 23 | | Brecciated zone with abundant quartz-limonite and pyrite veinlets. | M 155650 | 0.5 | <0.05 | <0.2 | <2 | 2 | 8 | 6 |
| 23 | 23.5 | | Brecciated zone with abundant quartz-limonite and pyrite veinlets. | M 155651 | 0.5 | <0.05 | <0.2 | 2 | <2 | 9 | 4 |
| 23.5 | 24 | | Brecciated zone with abundant quartz-limonite and pyrite veinlets. | M 155652 | 0.5 | <0.05 | <0.2 | <2 | <2 | 14 | 5 |
| 24 | 24.5 | | Brecciated zone with abundant quartz-limonite and pyrite veinlets. | M 155653 | 0.5 | <0.05 | 0.2 | <2 | <2 | 24 | 4 |
| 24.5 | 25 | | Brecciated zone with abundant quartz-limonite and pyrite veinlets. | M 155654 | 0.5 | <0.05 | <0.2 | <2 | 2 | 8 | 5 |
| 25 | 25.5 | | Brecciated zone with abundant quartz-limonite and pyrite veinlets. | M 155655 | 0.5 | <0.05 | <0.2 | <2 | <2 | 10 | 6 |
| 25.5 | 26 | | Brecciated zone with abundant quartz-limonite and pyrite veinlets. | M 155656 | 0.5 | <0.05 | <0.2 | <2 | <2 | 10 | 4 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z03-2
LENGTH: 163.4 M.

| From | To | LITHOLOGY: Quartzite |
|------|------|---|
| 26.0 | 30.6 | COLOR: Lite gray. |
| | | PRIMARY STRUCTURE: Very thick bedded, bedding is not distinct, quartzite is fine grained and very finely parallel laminated. |
| | | TECTONIC STRUCTURE: Weakly to strongly brecciated, 26.5 to 28.0 strongly brecciated, fractures are as described previously. |
| | | GENERAL ALTERATION: Intense silicification, and minor sericitization. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Drusy quartz veins, and microcrystalline clear quartz veins form the breccia matrix, limonite after fe-carbonate and some pyrite occur only in the Drusy veins, limonite is weakly disseminated in host quartzite. Massive dark green chlorite also occurs in some of the fractures. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No | Width | Au | Ag | As | Pb | Zn | Cu |
|------|------|------------|--|-----------|-------|-------|------|----|----|----|----|
| 26 | 26.5 | | Brecciated zone with abundant quartz-limonite and pyrite veinlets. | M 155657 | 0.5 | <0.05 | <0.2 | <2 | 6 | 10 | 8 |
| 26.5 | 27 | | Brecciated zone with abundant quartz-limonite and pyrite veinlets. | M 155658 | 0.5 | <0.05 | <0.2 | <2 | 42 | 16 | 6 |
| 27 | 27.5 | | Brecciated zone with abundant quartz-limonite and pyrite veinlets. | M 155659 | 0.5 | <0.05 | <0.2 | <2 | 23 | 8 | 9 |
| 27.5 | 28 | | Brecciated zone with abundant quartz-limonite and pyrite veinlets. | M 155660 | 0.5 | <0.05 | <0.2 | <2 | 6 | 6 | 11 |
| 28 | 28.5 | | Brecciated zone with abundant quartz-limonite and pyrite veinlets. | M 155661 | 0.5 | <0.05 | <0.2 | <2 | 11 | 11 | 10 |
| 28.5 | 29 | | Brecciated zone with abundant quartz-limonite and pyrite veinlets. | M 155662 | 0.5 | <0.05 | 9 | 2 | 9 | 7 | 9 |
| 29 | 30 | | Brecciated zone with abundant quartz-limonite and pyrite veinlets. | M 155663 | 1 | <0.05 | <0.2 | <2 | 4 | 9 | 7 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z03-2
LENGTH: 163.4 M.

| From | To | LITHOLOGY: Quartzite; interbedded argillite. (Unit is 10% argillite). |
|------|------|---|
| 49.0 | 51.0 | COLOR: Grey quartzite interbedded light green argillite. |
| | | PRIMARY STRUCTURE: Medium to thick bedded quartzites, interbedded thin to very thin beds of argillite. Quartzite beds are very fine grained, some beds are finely parallel and or wispy laminated. Argillite beds are thin with irregular wispy bedding planes. Argillite beds are rarely wispy laminated. Argillite beds are thin with irregular wispy bedding planes. |
| | | TECTONIC STRUCTURE: Quartz – dolomite fractures cut core at 65° and bedding at 87°, 20° to core and bedding at 45°. |
| | | GENERAL ALTERATION: Regional silicification and sericitization. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: 52.0 to 55.0, best vein development in this unit. Veins host rare limonitic and pyrite. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No | Width | Au | Ag | As | Pb | Zn | Cu |
|------|----|------------|-----------------------------------|-----------|-------|-------|------|----|----|----|----|
| 52 | 43 | | Rare veinlets, with minor pyrite. | M 155666 | 1 | <0.05 | <0.2 | 2 | 8 | 13 | 5 |
| 53 | 54 | | Rare veinlets, with minor pyrite. | M 155667 | 1 | <0.05 | <0.2 | <2 | 3 | 7 | 5 |
| 54 | 55 | | Rare veinlets, with minor pyrite. | M 155668 | 1 | <0.05 | <0.2 | <2 | 4 | 12 | 3 |

| From | To | LITHOLOGY: Argillite interbedded siltstone, minor quartzite (less than 1% quartzite). |
|------|------|---|
| 57.0 | 63.0 | COLOR: Light green. |
| | | PRIMARY STRUCTURE: Thin to very thin bedded, bedding is distinct and flat. Argillite and siltstone beds are finely wispy laminated to finely parallel laminated. Quartzite interbeds are very fine grained and rarely more than 1 cm. thick, at 63.0 meters bedding to core is 28°. |
| | | TECTONIC STRUCTURE: Rare quartz – dolomite filled fractures cut core at 70° and 80°, these veinlets cut bedding at 40°. |
| | | GENERAL ALTERATION: Mainly regional alteration, with some late wispy lamina of yellowish-green alteration. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Rare quartz – dolomite veinlets, with no visible sulphides. |
| | | ADDITIONAL OBSERVATIONS: |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z03-2
LENGTH: 163.4 M.

| From | To | LITHOLOGY: Quartzite; minor thin beds of argillite (unit is less than 5% argillite). |
|------|------|---|
| 30.6 | 34.7 | COLOR: Quartzites are light purple and light gray. |
| | | PRIMARY STRUCTURE: Medium bedded, bedding is distinct and generally flat, quartzites are fine grained. These quartzites are rarely laminated. Argillite interbeds are thin to very thin and rarely laminated. |
| | | TECTONIC STRUCTURE: Nil |
| | | GENERAL ALTERATION: Quartzites are intensely silicified and sericitized, these rocks are speckled by tiny spots of late-iron carbonate. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Mineralization very poor in this unit, |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No | Width | Au | Ag | As | Pb | Zn | Cu |
|------|----|------------|--|-----------|-------|-------|------|----|----|----|----|
| 30 | 31 | | Brecciated zone with abundant quartz-limonite and pyrite veinlets. | M 155664 | 1 | <0.05 | <0.2 | <2 | 3 | 6 | 7 |
| 31 | 32 | | Brecciated zone with abundant quartz-limonite and pyrite veinlets. | M 155665 | 1 | <0.05 | <0.2 | 2 | 2 | 11 | 4 |

| From | To | LITHOLOGY: Argillite interbedded quartzite approximately 50% argillite in this unit. |
|------|------|---|
| 34.7 | 49.0 | COLOR: Argillite beds are wispy laminated light gray and dark gray. Quartzite beds are lead gray with fine white and brown speckling. |
| | | PRIMARY STRUCTURE: Thin to very thin bedded, bedding is distinct, generally wavy. Argillite beds are very finely wispy laminated, quartzite beds are generally fine grained, and rarely laminated. Bedding to core at 46.0 = 15° |
| | | TECTONIC STRUCTURE: NIL |
| | | GENERAL ALTERATION: Quartzites are silicified and sericitic (regional type alteration). Tiny spots of late fe-carbonate through-out all these rocks in this section. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: NIL |
| | | ADDITIONAL OBSERVATIONS: |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z03-2
LENGTH: 163.4 M.

| | | |
|-------------|-----------|---|
| From | To | LITHOLOGY: Quartzite, interbedded argillite. |
| 63.0 | 134.4 | COLOR: Grey quartzite with interbedded layers and lamina of light yellowish green argillite. |
| | | PRIMARY STRUCTURE: Mainly thin to very thin bedded, rare medium beds. Bedding is distinct and wavy. Quartzite beds are very fine grained, commonly with paper thin wispy argillite laminations. Argillite beds range in thickness from 3 mm to 40 mm. Some thin argillite beds are formed by discontinuous lenses or argillite. At 68.0 meters bedding to core = 51°, at 78.0 = 16°, @ 111.0 = 25°, @ 133.0 = 25°. |
| | | TECTONIC STRUCTURE: Weakly crackle brecciated from 66.3 to 71.3. Veinlets cut core at 19°, 43° and 51° which is parallel to bedding. Veinlets at 43° cut bedding at 80° |
| | | GENERAL ALTERATION: Alteration is most intense from 66.3 to 71.3. Quartzite beds are strongly silicified. Some argillite beds are totally altered to yellow sericite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Crackle breccia 66.3 to 71.3 hosts pyrite in quartz veinlets and as weak disseminations in adjacent sediments. |
| | | ADDITIONAL OBSERVATIONS: |
| From | To | LITHOLOGY: Quartzite interbedded argillite approx. 50% argillite. |
| 134.4 | 153.6 | COLOR: Light gray banded yellowish green. |
| | | PRIMARY STRUCTURE: Thin to very thin bedded, bedding is sharp and wavy. Quartzite beds are fine grained with wispy yellow green argillite partings. |
| | | TECTONIC STRUCTURE: Quartz – limonite filled fractures cut core axis at 38°, parallel to bedding and 78° to core axis. |
| | | GENERAL ALTERATION: Quartzite beds are intensely silicified, with thin wispy layers of yellowish – green sericite. Argillite beds totally altered to sericite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Limonitic, drusy quartz veins referred to above are rarely more than 2 cm. thick, these veins occur approximately 1 vein per 10 cm of core. Sample best looking zone from 136.0 = 139.0. |
| | | ADDITIONAL OBSERVATIONS: |
| From | To | LITHOLOGY: Quartzite, minor interbedded argillite (10% argillite in unit). |
| 153.6 | 163.4 | COLOR: Purplish gray quartzite, interbedded by olive gray argillite. |
| END OF | HOLE | PRIMARY STRUCTURE: Medium to thin bedded, rarely thin bedded, bedding is distinct, generally deformed by soft sediment deformation, as previously described. Quartzite beds are fine grained and commonly finely wispily laminated. Argillite wispy laminated by thin lenticular lenses of fine quartz sand. @153.0 bedding to core 25° |
| | | TECTONIC STRUCTURE: nil |
| | | GENERAL ALTERATION: Intensely silicified. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Nil. |
| | | ADDITIONAL OBSERVATIONS: |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z03-2
LENGTH: 163.4 M.

| From | To | %Core Loss | Comments | Sample No | Width | Au | Ag | As | Pb | Zn | Cu |
|-------|-------|---------------|--|--------------|-------|------|------|----|-----|-----|-----|
| 66.3 | 67.3 | | Crackle breccia quartz - pyrite veinlets, pyrite disseminated in adjacent sediments. | M 155669 | 1 | 0.10 | <0.2 | 2 | 17 | 34 | 20 |
| 67.3 | 68.3 | | Crackle breccia quartz - pyrite veinlets, pyrite disseminated in adjacent sediments. | M 155670 | 1 | 0.20 | <0.2 | <2 | 21 | 31 | 20 |
| 68.3 | 69.3 | | Crackle breccia quartz - pyrite veinlets, pyrite disseminated in adjacent sediments. | M 155671 | 1 | 0.90 | <0.2 | 2 | 4 | 14 | 9 |
| 69.3 | 70.3 | | Crackle breccia quartz - pyrite veinlets, pyrite disseminated in adjacent sediments. | M 155672 | 1 | 0.64 | <0.2 | 2 | 5 | 9 | 4 |
| 70.3 | 71.3 | | Crackle breccia quartz - pyrite veinlets, pyrite disseminated in adjacent sediments. | M 155673 | 1 | 0.27 | <0.2 | <2 | 6 | 10 | 4 |
| 136 | 136.5 | | Widely scattered drusy quartz veinlets, rare sulphide. | M 155674 | 0.5 | 0.14 | <0.2 | 4 | 96 | 58 | 13 |
| 136.5 | 137 | | Widely scattered drusy quartz veinlets, rare sulphide. | M 155675 | 0.5 | 0.12 | 0.5 | 11 | 438 | 507 | 8 |
| 137 | 137.5 | | Widely scattered drusy quartz veinlets, rare sulphide. | M 155676 | 0.5 | 0.09 | <0.2 | 5 | 452 | 71 | 34 |
| 137.5 | 138 | | Widely scattered drusy quartz veinlets, rare sulphide. | M 155677 | 0.5 | 0.15 | 0.2 | 2 | 367 | 93 | 18 |
| 138 | 138.5 | | Widely scattered drusy quartz veinlets, rare sulphide. | M 155678 | 0.5 | <0.5 | <0.2 | 5 | 209 | 70 | 58 |
| 138.5 | 139 | | Widely scattered drusy quartz veinlets, rare sulphide. | M 155679 | 0.5 | <0.5 | <0.2 | 2 | 91 | 184 | 109 |



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To: CHAPLEAU RESOURCES
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CRANBROOK BC V1C 2N1

Page # : 1
Date : 9-Jul-2003
Account: NJY

CERTIFICATE VA03022746

Project : Z-03-02

P.O. No:

This report is for 6 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 27-Jun-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rod w/o BarCode |
| CRU-21 | Crush entire sample 70% < 6 mm |
| PUL-21 | Pulverize entire sample |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
104-135 10TH AVE S
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Page #: 2 - A
Total # of pages : 2 (A - C)
Date : 9-Jul-2003
Account: NJY

Project : 2-03-02

CERTIFICATE OF ANALYSIS VA03022746

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 S ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M155674 | | 1.34 | 0.14 | 0.68 | 0.13 | 0.008 | 11.71 | 1259.0 | 0.16 | 0.10 | <0.2 | 0.42 | 4 | <10 | 140 | 0.7 |
| M155675 | | 1.04 | 0.12 | <0.05 | 0.12 | <0.001 | 7.53 | 1004.0 | 0.12 | 0.12 | 0.5 | 0.19 | 11 | <10 | 200 | <0.5 |
| M155676 | | 1.44 | 0.09 | <0.05 | 0.10 | <0.001 | 17.70 | 1353.5 | 0.09 | 0.10 | <0.2 | 0.33 | 5 | <10 | 410 | <0.5 |
| M155677 | | 1.20 | 0.15 | <0.05 | 0.15 | <0.001 | 5.75 | 1151.5 | 0.19 | 0.11 | 0.2 | 0.25 | 2 | <10 | 280 | <0.5 |
| M155678 | | 1.26 | <0.05 | <0.05 | <0.05 | <0.001 | 11.06 | 1195.5 | 0.03 | 0.02 | <0.2 | 0.39 | 5 | <10 | 140 | <0.5 |
| M155679 | | 1.52 | <0.05 | <0.05 | <0.05 | <0.001 | 11.17 | 1462.5 | 0.01 | 0.02 | <0.2 | 0.34 | 2 | <10 | 110 | <0.5 |



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Page # : 2 - B

Total # of pages : 2 (A - C)

Date : 9-Jul-2003

Account: NJY

Project : 2-03-02

CERTIFICATE OF ANALYSIS VA03022746

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------------|-----------------|------------------|----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|
| | | BI ppm 2 | Ca % 0.01 | Cd ppm 0.5 | Co ppm 1 | Cr ppm 1 | Cu ppm 1 | Fe % 0.01 | Ga ppm 10 | Hg ppm 1 | K % 0.01 | La ppm 10 | Mg % 0.01 | Mn ppm 5 | Mo ppm 1 | Na % 0.01 |
| M155674 | | <2 | 0.05 | <0.5 | 5 | 4 | 13 | 0.97 | <10 | <1 | 0.31 | 50 | 0.07 | 416 | <1 | 0.01 |
| M155675 | | <2 | 0.01 | 6.0 | 2 | 7 | 8 | 0.89 | <10 | <1 | 0.16 | 10 | 0.02 | 156 | <1 | <0.01 |
| M155676 | | <2 | 0.01 | <0.5 | 3 | 5 | 34 | 0.71 | <10 | <1 | 0.26 | 30 | 0.03 | 365 | <1 | 0.01 |
| M155677 | | <2 | 0.01 | 0.5 | 1 | 5 | 18 | 0.77 | <10 | <1 | 0.17 | 20 | 0.02 | 252 | <1 | 0.01 |
| M155678 | | <2 | 0.03 | 0.5 | 5 | 3 | 58 | 0.69 | <10 | <1 | 0.29 | 40 | 0.03 | 308 | <1 | 0.01 |
| M155679 | | <2 | 0.17 | 2.8 | 5 | 3 | 109 | 0.66 | <10 | <1 | 0.27 | 30 | 0.10 | 679 | <1 | 0.01 |



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Page #: 2 - C
Total # of pages : 2 (A - C)
Date : 9-Jul-2003
Account: NJY

Project : 2-03-02

CERTIFICATE OF ANALYSIS VA03022746

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | |
|--------------------|-----------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|----------------|---------------|----------------|----------------|
| | | Ni ppm 1 | P ppm 10 | Pb ppm 2 | S % 0.01 | Sb ppm 2 | Sc ppm 1 | Sr ppm 1 | Ti % 0.01 | Tl ppm 10 | U ppm 10 | V ppm 1 | W ppm 10 | Zn ppm 2 |
| M155674 | | 5 | 150 | 96 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 58 |
| M155675 | | 2 | 50 | 438 | 0.17 | <2 | <1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 507 |
| M155676 | | 3 | 90 | 452 | 0.08 | <2 | <1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 71 |
| M155677 | | 1 | 80 | 367 | 0.07 | <2 | <1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 93 |
| M155678 | | 2 | 230 | 209 | 0.02 | <2 | <1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 70 |
| M155679 | | 3 | 100 | 91 | 0.21 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 184 |



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CRANBROOK BC V1C 2N1

Page # : 1
Date : 7-Jul-2003
Account: NJY

CERTIFICATE VA03022700

Project : Z-03-02

P.O. No:

This report is for 8 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 25-Jun-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| CRU-21 | Crush entire sample 70% < 6 mm |
| PUL-21 | Pulverize entire sample |
| SCR-21 | Screen to -100 um |
| LOG-22 | Sample login - Rcd w/o BarCode |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
104-135 10TH AVE S
CRANBROOK BC V1C 2N1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



ALS Chemex

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Page #: 2 - A
Total # of pages : 2 (A - C)
Date : 7-Jul-2003
Account: NJY

Project : 2-03-02

CERTIFICATE OF ANALYSIS VA03022700

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M155666 | | 2.44 | <0.05 | <0.05 | <0.05 | <0.001 | 19.18 | 2229 | <0.01 | <0.01 | <0.2 | 0.26 | 2 | <10 | 120 | <0.5 |
| M155667 | | 2.18 | <0.05 | <0.05 | <0.05 | <0.001 | 12.85 | 1977.0 | <0.01 | <0.01 | <0.2 | 0.14 | <2 | <10 | 400 | <0.5 |
| M155668 | | 2.12 | <0.05 | 0.27 | <0.05 | 0.011 | 41.39 | 1840.5 | <0.01 | <0.01 | <0.2 | 0.27 | <2 | <10 | 430 | <0.5 |
| M155669 | | 2.28 | 0.10 | 1.08 | 0.08 | 0.045 | 41.79 | 1990.0 | 0.09 | 0.06 | <0.2 | 0.27 | 2 | <10 | 190 | <0.5 |
| M155670 | | 2.44 | 0.20 | 2.78 | 0.17 | 0.061 | 21.93 | 2172 | 0.16 | 0.18 | <0.2 | 0.24 | <2 | <10 | 80 | <0.5 |
| M155671 | | 2.44 | 0.90 | 2.82 | 0.88 | 0.056 | 19.84 | 2196 | 0.90 | 0.86 | <0.2 | 0.21 | 2 | <10 | 60 | <0.5 |
| M155672 | | 2.42 | 0.64 | 2.53 | 0.62 | 0.046 | 18.20 | 2166 | 0.63 | 0.61 | <0.2 | 0.23 | 2 | <10 | 60 | <0.5 |
| M155673 | | 2.34 | 0.27 | <0.05 | 0.28 | <0.001 | 21.08 | 2087 | 0.22 | 0.33 | <0.2 | 0.24 | <2 | <10 | 120 | <0.5 |



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Account: NJY

Project : 2-03-02

CERTIFICATE OF ANALYSIS VA03022700

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------------|-----------------|------------------|----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|
| | | Bi ppm 2 | Ca % 0.01 | Cd ppm 0.5 | Co ppm 1 | Cr ppm 1 | Cu ppm 1 | Fe % 0.01 | Ga ppm 10 | Hg ppm 1 | K % 0.01 | La ppm 10 | Mg % 0.01 | Mn ppm 5 | Mo ppm 1 | Na % 0.01 |
| M155666 | | <2 | 0.26 | <0.5 | 3 | 75 | 5 | 0.71 | <10 | <1 | 0.19 | 20 | 0.21 | 210 | 2 | 0.03 |
| M155667 | | 2 | 0.14 | <0.5 | 1 | 93 | 5 | 0.73 | <10 | <1 | 0.07 | 10 | 0.10 | 172 | 2 | 0.05 |
| M155668 | | <2 | 0.38 | <0.5 | 4 | 72 | 3 | 0.73 | <10 | <1 | 0.18 | 20 | 0.26 | 290 | 2 | 0.03 |
| M155669 | | 2 | 0.31 | 0.7 | 5 | 32 | 20 | 0.96 | <10 | <1 | 0.21 | 20 | 0.16 | 1105 | 1 | 0.01 |
| M155670 | | <2 | 0.12 | <0.5 | 4 | 63 | 20 | 0.90 | <10 | <1 | 0.18 | 20 | 0.11 | 385 | 2 | 0.01 |
| M155671 | | <2 | 0.14 | <0.5 | 5 | 58 | 9 | 1.06 | <10 | <1 | 0.16 | 10 | 0.22 | 358 | 2 | 0.02 |
| M155672 | | <2 | 0.24 | <0.5 | 4 | 63 | 4 | 0.82 | <10 | <1 | 0.19 | 20 | 0.13 | 266 | 2 | 0.01 |
| M155673 | | <2 | 0.16 | <0.5 | 3 | 71 | 4 | 0.65 | <10 | <1 | 0.20 | 20 | 0.10 | 211 | 2 | 0.01 |



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Project: 2-03-02

CERTIFICATE OF ANALYSIS VA03022700

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|-----------|----------|-----------|----------|----------|----------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Ti | U | V | W | Zn |
| | | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 | ppm 1 | ppm 1 | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| M155666 | | 6 | 100 | 8 | 0.01 | <2 | 1 | 9 | <0.01 | <10 | <10 | 2 | <10 | 13 |
| M155667 | | 6 | 110 | 3 | 0.03 | <2 | 1 | 13 | <0.01 | <10 | <10 | 2 | <10 | 7 |
| M155668 | | 7 | 200 | 4 | 0.01 | <2 | 1 | 14 | <0.01 | <10 | <10 | 2 | <10 | 12 |
| M155669 | | 6 | 350 | 17 | 0.26 | <2 | 1 | 13 | <0.01 | <10 | <10 | 2 | <10 | 34 |
| M155670 | | 7 | 230 | 21 | 0.28 | <2 | <1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 31 |
| M155671 | | 7 | 140 | 4 | 0.30 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 14 |
| M155672 | | 6 | 130 | 5 | 0.45 | <2 | <1 | 11 | <0.01 | <10 | <10 | 2 | <10 | 9 |
| M155673 | | 5 | 140 | 6 | 0.28 | <2 | <1 | 9 | <0.01 | <10 | <10 | 2 | <10 | 10 |



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Account: NJY

CERTIFICATE VA03022025

Project : 2-03-02

P.O. No:

This report is for 47 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 24-Jun-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rod w/o BarCode |
| CRU-21 | Crush entire sample 70% < 6 mm |
| PUL-21 | Pulverize entire sample |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
104-135 10TH AVE S
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Account: NJY

Project : 2-03-02

CERTIFICATE OF ANALYSIS VA03022025

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M155619 | | 0.26 | <0.05 | <0.05 | <0.05 | <0.001 | 4.38 | 213.9 | 0.01 | <0.01 | <0.2 | 0.33 | 3 | <10 | 70 | <0.5 |
| M155620 | | 1.20 | <0.05 | <0.05 | <0.05 | <0.001 | 2.81 | 1125.5 | 0.01 | <0.01 | <0.2 | 0.51 | <2 | <10 | 320 | <0.5 |
| M155621 | | 1.54 | <0.05 | <0.05 | <0.05 | 0.001 | 34.92 | 1458.5 | 0.03 | <0.01 | <0.2 | 0.21 | <2 | <10 | 50 | <0.5 |
| M155622 | | 0.88 | <0.05 | <0.05 | <0.05 | <0.001 | 5.99 | 827.0 | 0.01 | 0.01 | <0.2 | 0.41 | <2 | <10 | 1090 | <0.5 |
| M155623 | | 2.38 | <0.05 | <0.05 | <0.05 | <0.001 | 8.74 | 2306 | <0.01 | 0.01 | <0.2 | 0.38 | <2 | <10 | 140 | <0.5 |
| M155624 | | 2.32 | <0.05 | <0.05 | <0.05 | <0.001 | 11.19 | 2240 | 0.01 | <0.01 | <0.2 | 0.33 | 2 | <10 | 270 | <0.5 |
| M155625 | | 2.14 | <0.05 | <0.05 | <0.05 | <0.001 | 8.01 | 2069 | <0.01 | 0.01 | 0.2 | 0.43 | <2 | <10 | 250 | <0.5 |
| M155626 | | 2.26 | <0.05 | <0.05 | <0.05 | <0.001 | 18.04 | 2176 | 0.01 | <0.01 | <0.2 | 0.41 | <2 | <10 | 130 | <0.5 |
| M155627 | | 1.84 | <0.05 | <0.05 | <0.05 | <0.001 | 16.10 | 1771.5 | <0.01 | <0.01 | <0.2 | 0.29 | <2 | <10 | 60 | <0.5 |
| M155628 | | 1.20 | <0.05 | <0.05 | <0.05 | <0.001 | 6.40 | 1134.0 | <0.01 | <0.01 | <0.2 | 0.26 | 2 | <10 | 80 | <0.5 |
| M155629 | | 2.42 | <0.05 | <0.05 | <0.05 | <0.001 | 14.23 | 2324 | <0.01 | <0.01 | <0.2 | 0.33 | 2 | <10 | 90 | <0.5 |
| M155630 | | 3.58 | <0.05 | <0.05 | <0.05 | <0.001 | 5.35 | 3498 | 0.01 | <0.01 | <0.2 | 0.24 | 2 | <10 | 110 | <0.5 |
| M155631 | | 2.00 | <0.05 | <0.05 | <0.05 | <0.001 | 4.46 | 1917.5 | 0.01 | <0.01 | <0.2 | 0.40 | <2 | <10 | 100 | <0.5 |
| M155632 | | 3.38 | <0.05 | <0.05 | <0.05 | <0.001 | 26.63 | 3250 | <0.01 | <0.01 | 0.3 | 0.43 | <2 | <10 | 90 | <0.5 |
| M155633 | | 1.74 | <0.05 | <0.05 | <0.05 | <0.001 | 5.15 | 1663.0 | 0.01 | <0.01 | 0.2 | 0.36 | 2 | <10 | 60 | <0.5 |
| M155634 | | 2.26 | <0.05 | <0.05 | <0.05 | <0.001 | 32.86 | 2158 | <0.01 | <0.01 | <0.2 | 0.32 | <2 | <10 | 60 | <0.5 |
| M155635 | | 1.88 | <0.05 | <0.05 | <0.05 | <0.001 | 4.85 | 1802.5 | 0.02 | <0.01 | <0.2 | 0.34 | <2 | <10 | 80 | <0.5 |
| M155636 | | 2.80 | <0.05 | <0.05 | <0.05 | <0.001 | 11.68 | 2664 | <0.01 | <0.01 | <0.2 | 0.49 | <2 | <10 | 90 | <0.5 |
| M155637 | | 2.20 | <0.05 | <0.05 | <0.05 | <0.001 | 12.13 | 2106 | 0.01 | <0.01 | <0.2 | 0.41 | <2 | <10 | 90 | <0.5 |
| M155638 | | 2.76 | <0.05 | <0.05 | <0.05 | <0.001 | 9.81 | 2658 | <0.01 | 0.01 | <0.2 | 0.40 | <2 | <10 | 200 | <0.5 |
| M155639 | | 0.88 | <0.05 | <0.05 | <0.05 | <0.001 | 9.78 | 822.0 | <0.01 | <0.01 | <0.2 | 0.27 | <2 | <10 | 210 | <0.5 |
| M155640 | | 1.64 | <0.05 | <0.05 | <0.05 | <0.001 | 19.50 | 1574.0 | <0.01 | 0.02 | <0.2 | 0.27 | <2 | <10 | 80 | <0.5 |
| M155641 | | 1.16 | <0.05 | <0.05 | <0.05 | <0.001 | 12.26 | 1097.0 | 0.01 | <0.01 | <0.2 | 0.23 | <2 | <10 | 90 | <0.5 |
| M155642 | | 1.08 | <0.05 | <0.05 | <0.05 | <0.001 | 3.72 | 1031.5 | <0.01 | <0.01 | <0.2 | 0.34 | <2 | <10 | 130 | <0.5 |
| M155643 | | 1.38 | <0.05 | <0.05 | <0.05 | <0.001 | 15.89 | 1307.0 | 0.01 | 0.01 | <0.2 | 0.20 | <2 | <10 | 100 | <0.5 |
| M155644 | | 1.32 | <0.05 | <0.05 | <0.05 | <0.001 | 6.36 | 1252.5 | <0.01 | 0.02 | <0.2 | 0.32 | <2 | <10 | 90 | <0.5 |
| M155645 | | 1.34 | <0.05 | <0.05 | <0.05 | <0.001 | 9.00 | 1269.5 | 0.01 | <0.01 | <0.2 | 0.26 | 2 | <10 | 100 | <0.5 |
| M155646 | | 1.34 | <0.05 | <0.05 | <0.05 | <0.001 | 4.81 | 1288.5 | 0.01 | <0.01 | <0.2 | 0.21 | <2 | <10 | 60 | <0.5 |
| M155647 | | 1.20 | <0.05 | <0.05 | <0.05 | <0.001 | 5.97 | 1150.5 | <0.01 | 0.01 | <0.2 | 0.21 | 2 | <10 | 210 | <0.5 |
| M155648 | | 1.60 | <0.05 | <0.05 | <0.05 | <0.001 | 7.81 | 1535.0 | <0.01 | <0.01 | <0.2 | 0.33 | <2 | <10 | 210 | <0.5 |
| M155649 | | 1.06 | <0.05 | <0.05 | <0.05 | <0.001 | 4.60 | 1005.0 | <0.01 | <0.01 | <0.2 | 0.30 | <2 | <10 | 100 | <0.5 |
| M155650 | | 1.88 | <0.05 | <0.05 | <0.05 | <0.001 | 2.50 | 1818.0 | <0.01 | <0.01 | <0.2 | 0.30 | <2 | <10 | 70 | <0.5 |
| M155651 | | 0.92 | <0.05 | <0.05 | <0.05 | <0.001 | 3.46 | 859.9 | <0.01 | 0.01 | <0.2 | 0.43 | 2 | <10 | 90 | <0.5 |
| M155652 | | 1.26 | <0.05 | <0.05 | <0.05 | <0.001 | 5.09 | 1198.5 | 0.01 | 0.03 | <0.2 | 0.36 | <2 | <10 | 300 | <0.5 |
| M155653 | | 1.60 | <0.05 | <0.05 | <0.05 | <0.001 | 8.23 | 1531.5 | <0.01 | 0.04 | 0.2 | 0.41 | <2 | <10 | 190 | <0.5 |
| M155654 | | 1.56 | <0.05 | <0.05 | <0.05 | <0.001 | 7.69 | 1501.5 | 0.01 | 0.03 | <0.2 | 0.26 | <2 | <10 | 170 | <0.5 |
| M155655 | | 1.98 | <0.05 | <0.05 | <0.05 | <0.001 | 6.13 | 1913.0 | <0.01 | 0.01 | <0.2 | 0.36 | <2 | <10 | 170 | <0.5 |
| M155656 | | 1.62 | <0.05 | <0.05 | <0.05 | <0.001 | 12.73 | 1528.0 | <0.01 | <0.01 | <0.2 | 0.33 | <2 | <10 | 450 | <0.5 |
| M155657 | | 0.84 | <0.05 | <0.05 | <0.05 | <0.001 | 3.91 | 792.7 | <0.01 | <0.01 | <0.2 | 0.31 | <2 | <10 | 190 | <0.5 |
| M155658 | | 1.20 | <0.05 | 0.39 | <0.05 | 0.002 | 5.14 | 1114.5 | <0.01 | 0.01 | <0.2 | 0.40 | <2 | <10 | 90 | <0.5 |



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Project : 2-03-02

CERTIFICATE OF ANALYSIS VA03022025

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M155659 | | 1.14 | <0.05 | <0.05 | <0.05 | <0.001 | 3.99 | 1073.0 | <0.01 | <0.01 | <0.2 | 0.22 | <2 | <10 | 50 | <0.5 |
| M155660 | | 1.20 | <0.05 | <0.05 | <0.05 | <0.001 | 3.37 | 1125.5 | <0.01 | <0.01 | <0.2 | 0.28 | <2 | <10 | 50 | <0.5 |
| M155661 | | 1.00 | <0.05 | <0.05 | <0.05 | <0.001 | 3.84 | 947.1 | <0.01 | <0.01 | <0.2 | 0.24 | <2 | <10 | 90 | <0.5 |
| M155662 | | 2.32 | <0.05 | <0.05 | <0.05 | <0.001 | 3.58 | 2265 | <0.01 | <0.01 | 9.0 | 0.23 | 2 | <10 | 60 | <0.5 |
| M155663 | | 1.84 | <0.05 | <0.05 | <0.05 | <0.001 | 4.67 | 1785.0 | <0.01 | 0.01 | <0.2 | 0.19 | <2 | <10 | 110 | <0.5 |
| M155664 | | 2.44 | <0.05 | <0.05 | <0.05 | <0.001 | 5.53 | 2377 | <0.01 | <0.01 | <0.2 | 0.31 | <2 | <10 | 140 | <0.5 |
| M155665 | | 2.64 | <0.05 | <0.05 | <0.05 | <0.001 | 15.93 | 2558 | <0.01 | <0.01 | <0.2 | 0.37 | 2 | <10 | 310 | <0.5 |



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CERTIFICATE OF ANALYSIS VA03022025

| Sample Description | Method Analyte Units LOR | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 |
|--------------------|-----------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M155619 | | <2 | 0.19 | <0.5 | 6 | 143 | 16 | 7.05 | <10 | <1 | 0.11 | 40 | 0.10 | 148 | 2 | 0.07 |
| M155620 | | <2 | 0.24 | <0.5 | 4 | 12 | 5 | 0.75 | <10 | <1 | 0.18 | 10 | 0.28 | 278 | <1 | 0.01 |
| M155621 | | <2 | 0.07 | <0.5 | 1 | 84 | 10 | 0.85 | <10 | <1 | 0.05 | 20 | 0.07 | 95 | 1 | 0.05 |
| M155622 | | <2 | 0.31 | <0.5 | 2 | 7 | 8 | 0.89 | <10 | <1 | 0.06 | 10 | 0.29 | 328 | <1 | 0.05 |
| M155623 | | <2 | 0.04 | 0.7 | 3 | 7 | 23 | 1.00 | <10 | <1 | 0.21 | 30 | 0.03 | 198 | <1 | 0.05 |
| M155624 | | <2 | 0.03 | 0.9 | 3 | 5 | 18 | 0.80 | <10 | <1 | 0.20 | 20 | 0.03 | 195 | <1 | 0.04 |
| M155625 | | <2 | 0.01 | 0.5 | 4 | 4 | 43 | 1.00 | <10 | <1 | 0.23 | 30 | 0.04 | 227 | <1 | 0.05 |
| M155626 | | <2 | 0.05 | <0.5 | 3 | 5 | 35 | 1.00 | <10 | <1 | 0.23 | 20 | 0.05 | 106 | <1 | 0.03 |
| M155627 | | <2 | 0.08 | <0.5 | 1 | 7 | 19 | 0.97 | <10 | <1 | 0.15 | 10 | 0.04 | 120 | <1 | 0.03 |
| M155628 | | <2 | 0.03 | 0.6 | 1 | 6 | 19 | 1.00 | <10 | <1 | 0.09 | 20 | 0.07 | 76 | <1 | 0.04 |
| M155629 | | <2 | 0.04 | 0.8 | 1 | 6 | 3 | 1.18 | <10 | <1 | 0.14 | 20 | 0.08 | 74 | 1 | 0.03 |
| M155630 | | <2 | 0.05 | 0.5 | 2 | 7 | 4 | 1.04 | <10 | <1 | 0.10 | 20 | 0.08 | 82 | <1 | 0.04 |
| M155631 | | <2 | 0.07 | <0.5 | 3 | 3 | 1 | 0.82 | <10 | <1 | 0.19 | 30 | 0.14 | 58 | <1 | 0.02 |
| M155632 | | <2 | 0.05 | <0.5 | 2 | 4 | 1 | 0.98 | <10 | <1 | 0.18 | 30 | 0.16 | 71 | <1 | 0.04 |
| M155633 | | <2 | 0.07 | <0.5 | 1 | 4 | 1 | 1.08 | <10 | <1 | 0.16 | 20 | 0.10 | 51 | <1 | 0.04 |
| M155634 | | <2 | 0.08 | <0.5 | 1 | 6 | 2 | 0.95 | <10 | <1 | 0.15 | 20 | 0.12 | 60 | <1 | 0.02 |
| M155635 | | <2 | 0.03 | <0.5 | 2 | 5 | 6 | 0.82 | <10 | <1 | 0.12 | 20 | 0.13 | 145 | 1 | 0.04 |
| M155636 | | <2 | 0.13 | <0.5 | 1 | 3 | 2 | 0.59 | <10 | <1 | 0.21 | 10 | 0.17 | 96 | <1 | 0.02 |
| M155637 | | <2 | 0.11 | <0.5 | 2 | 4 | 2 | 0.67 | <10 | <1 | 0.17 | 20 | 0.14 | 150 | <1 | 0.03 |
| M155638 | | <2 | 0.07 | <0.5 | 4 | 3 | 1 | 1.03 | <10 | <1 | 0.19 | 30 | 0.16 | 162 | <1 | 0.03 |
| M155639 | | <2 | 0.05 | <0.5 | 1 | 4 | 1 | 0.91 | <10 | <1 | 0.18 | 20 | 0.03 | 86 | <1 | 0.03 |
| M155640 | | <2 | 0.05 | <0.5 | 2 | 6 | 2 | 1.14 | <10 | <1 | 0.16 | 20 | 0.03 | 188 | <1 | 0.03 |
| M155641 | | <2 | 0.03 | <0.5 | 2 | 5 | 1 | 1.03 | <10 | <1 | 0.14 | 30 | 0.11 | 128 | <1 | 0.04 |
| M155642 | | <2 | 0.02 | <0.5 | 5 | 5 | 2 | 1.60 | <10 | <1 | 0.17 | 20 | 0.03 | 310 | <1 | 0.06 |
| M155643 | | <2 | 0.03 | <0.5 | 2 | 6 | 1 | 0.91 | <10 | <1 | 0.10 | 20 | 0.02 | 144 | <1 | 0.04 |
| M155644 | | <2 | 0.02 | <0.5 | 2 | 4 | 1 | 0.81 | <10 | <1 | 0.18 | 30 | 0.03 | 112 | <1 | 0.04 |
| M155645 | | <2 | 0.03 | <0.5 | 3 | 3 | 1 | 1.22 | <10 | <1 | 0.13 | 20 | 0.03 | 194 | <1 | 0.04 |
| M155646 | | <2 | 0.03 | <0.5 | 2 | 4 | 1 | 0.66 | <10 | <1 | 0.07 | 20 | 0.02 | 90 | <1 | 0.06 |
| M155647 | | <2 | 0.03 | <0.5 | 3 | 4 | 1 | 1.18 | <10 | <1 | 0.09 | 20 | 0.02 | 295 | <1 | 0.04 |
| M155648 | | <2 | 0.03 | <0.5 | 4 | 4 | 1 | 1.00 | <10 | <1 | 0.20 | 20 | 0.04 | 242 | <1 | 0.03 |
| M155649 | | <2 | 0.04 | <0.5 | 3 | 188 | 6 | 0.87 | <10 | <1 | 0.18 | 30 | 0.03 | 188 | 4 | 0.04 |
| M155650 | | <2 | 0.03 | <0.5 | 2 | 171 | 6 | 0.82 | <10 | <1 | 0.14 | 20 | 0.03 | 139 | 3 | 0.07 |
| M155651 | | <2 | 0.03 | <0.5 | 3 | 134 | 4 | 0.78 | <10 | <1 | 0.27 | 30 | 0.04 | 142 | 3 | 0.05 |
| M155652 | | <2 | 0.05 | <0.5 | 4 | 94 | 5 | 1.03 | <10 | <1 | 0.24 | 30 | 0.13 | 151 | 1 | 0.04 |
| M155653 | | <2 | 0.04 | <0.5 | 7 | 117 | 4 | 1.64 | <10 | <1 | 0.28 | 30 | 0.04 | 381 | 2 | 0.04 |
| M155654 | | <2 | 0.06 | <0.5 | 3 | 130 | 5 | 0.79 | <10 | <1 | 0.15 | 20 | 0.04 | 97 | 3 | 0.04 |
| M155655 | | <2 | 0.09 | <0.5 | 4 | 169 | 6 | 0.94 | <10 | <1 | 0.20 | 20 | 0.06 | 156 | 3 | 0.04 |
| M155656 | | <2 | 0.11 | <0.5 | 4 | 98 | 4 | 0.94 | <10 | <1 | 0.22 | 20 | 0.16 | 111 | 2 | 0.02 |
| M155657 | | <2 | 0.03 | <0.5 | 3 | 250 | 8 | 0.96 | <10 | <1 | 0.20 | 20 | 0.03 | 84 | 5 | 0.03 |
| M155658 | | <2 | 0.13 | <0.5 | 7 | 142 | 6 | 0.80 | <10 | <1 | 0.25 | 30 | 0.06 | 174 | 3 | 0.02 |



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Date : 4-Jul-2003

Account: NJY

Project : 2-03-02

CERTIFICATE OF ANALYSIS VA03022025

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn | Mo |
| | | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | % | ppm | ppm |
| | | 2 | 0.01 | 0.5 | 1 | 1 | 1 | 0.01 | 10 | 1 | 0.01 | 10 | 0.01 | 5 | 1 |
| M155659 | | <2 | 0.08 | <0.5 | 2 | 220 | 9 | 0.69 | <10 | <1 | 0.04 | 10 | 0.06 | 163 | 4 |
| M155660 | | <2 | 0.04 | <0.5 | 2 | 253 | 11 | 0.65 | <10 | <1 | 0.07 | 20 | 0.08 | 74 | 5 |
| M155661 | | <2 | 0.26 | <0.5 | 2 | 192 | 10 | 0.78 | <10 | <1 | 0.05 | 10 | 0.08 | 226 | 4 |
| M155662 | | <2 | 0.08 | <0.5 | 2 | 222 | 9 | 0.87 | <10 | <1 | 0.10 | 20 | 0.08 | 87 | 4 |
| M155663 | | <2 | 0.14 | <0.5 | 2 | 148 | 7 | 0.89 | <10 | <1 | 0.09 | 10 | 0.12 | 118 | 3 |
| M155664 | | <2 | 0.14 | <0.5 | 2 | 146 | 7 | 0.55 | <10 | <1 | 0.22 | 10 | 0.08 | 96 | 3 |
| M155665 | | <2 | 0.18 | <0.5 | 4 | 106 | 4 | 0.78 | <10 | <1 | 0.23 | 30 | 0.09 | 174 | 2 |



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Account: NJY

Project : 2-03-02

CERTIFICATE OF ANALYSIS VA03022025

| Sample Description | Method Analyte Units LOR | ME-ICP41 NI ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 | ME-ICP41 Ti % 0.01 | ME-ICP41 Ti ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 |
|--------------------|-----------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|
| | | | | | | | | | | | | | | |
| M155619 | | 10 | 60 | 12 | <0.01 | 3 | 1 | 6 | 0.03 | <10 | <10 | 33 | 10 | 4 |
| M155620 | | 5 | 150 | 22 | 0.01 | <2 | <1 | 11 | <0.01 | <10 | <10 | 3 | <10 | 9 |
| M155621 | | 5 | 50 | 8 | <0.01 | <2 | <1 | 3 | 0.01 | <10 | <10 | 3 | <10 | 2 |
| M155622 | | 2 | 60 | 8 | 0.03 | <2 | 1 | 14 | <0.01 | <10 | <10 | 2 | <10 | 8 |
| M155623 | | 3 | 220 | 47 | <0.01 | <2 | 1 | 4 | 0.01 | <10 | <10 | 3 | <10 | 130 |
| M155624 | | 3 | 140 | 6 | 0.01 | <2 | 1 | 7 | 0.01 | <10 | <10 | 2 | <10 | 73 |
| M155625 | | 3 | 120 | 184 | <0.01 | <2 | 1 | 4 | 0.01 | <10 | <10 | 3 | <10 | 54 |
| M155626 | | 3 | 260 | 67 | <0.01 | <2 | <1 | 5 | 0.01 | <10 | <10 | 3 | <10 | 45 |
| M155627 | | 2 | 360 | 38 | <0.01 | <2 | <1 | 4 | 0.01 | <10 | <10 | 2 | <10 | 32 |
| M155628 | | 1 | 40 | 16 | <0.01 | <2 | <1 | 4 | 0.01 | <10 | <10 | 3 | <10 | 88 |
| M155629 | | 2 | 70 | 3 | <0.01 | <2 | <1 | 4 | 0.01 | <10 | <10 | 3 | <10 | 81 |
| M155630 | | 2 | 150 | 2 | <0.01 | <2 | <1 | 5 | 0.01 | <10 | <10 | 3 | <10 | 38 |
| M155631 | | 4 | 230 | 2 | <0.01 | <2 | 1 | 4 | 0.01 | <10 | <10 | 3 | <10 | 7 |
| M155632 | | 4 | 150 | <2 | <0.01 | <2 | 1 | 4 | 0.01 | <10 | <10 | 3 | <10 | 5 |
| M155633 | | 2 | 220 | <2 | <0.01 | <2 | <1 | 4 | 0.01 | <10 | <10 | 3 | <10 | 2 |
| M155634 | | 2 | 270 | 2 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 3 |
| M155635 | | 2 | 80 | 4 | <0.01 | <2 | 1 | 3 | 0.01 | <10 | <10 | 2 | <10 | 9 |
| M155636 | | 2 | 410 | 3 | <0.01 | <2 | <1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 6 |
| M155637 | | 3 | 360 | 2 | <0.01 | <2 | <1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 5 |
| M155638 | | 4 | 70 | 2 | <0.01 | <2 | 1 | 9 | 0.01 | <10 | <10 | 2 | <10 | 11 |
| M155639 | | 2 | 220 | 2 | 0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 7 |
| M155640 | | 3 | 210 | 3 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 9 |
| M155641 | | 2 | 60 | 2 | 0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 10 |
| M155642 | | 5 | 110 | 2 | <0.01 | <2 | 1 | 3 | 0.01 | <10 | <10 | 2 | <10 | 19 |
| M155643 | | 1 | 110 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 9 |
| M155644 | | 2 | 90 | 3 | <0.01 | <2 | 1 | 2 | 0.01 | <10 | <10 | 2 | <10 | 7 |
| M155645 | | 3 | 140 | 5 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 15 |
| M155646 | | 1 | 120 | 6 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 5 |
| M155647 | | 3 | 140 | 12 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 15 |
| M155648 | | 4 | 130 | 2 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 14 |
| M155649 | | 11 | 170 | 2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 11 |
| M155650 | | 9 | 120 | 2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 8 |
| M155651 | | 9 | 120 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 9 |
| M155652 | | 8 | 170 | <2 | 0.01 | <2 | 1 | 14 | 0.01 | <10 | <10 | 3 | <10 | 14 |
| M155653 | | 12 | 170 | <2 | <0.01 | <2 | 1 | 5 | 0.01 | <10 | <10 | 4 | <10 | 24 |
| M155654 | | 9 | 120 | 2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 8 |
| M155655 | | 11 | 250 | <2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 4 | <10 | 10 |
| M155656 | | 9 | 310 | <2 | 0.01 | <2 | <1 | 24 | <0.01 | <10 | <10 | 3 | <10 | 10 |
| M155657 | | 14 | 110 | 8 | 0.01 | <2 | <1 | 5 | <0.01 | <10 | <10 | 4 | <10 | 10 |
| M155658 | | 10 | 530 | 42 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 16 |



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Page #: 3 - C
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Date : 4-Jul-2003
Account: NJY

Project : 2-03-02

CERTIFICATE OF ANALYSIS VA03022025

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|-----------|----------|-----------|----------|----------|----------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Ti | U | V | W | Zn |
| | | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 | ppm 1 | ppm 1 | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| M155659 | | 12 | 240 | 23 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 8 |
| M155660 | | 14 | 90 | 6 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 6 |
| M155661 | | 11 | 50 | 11 | <0.01 | <2 | 1 | 14 | <0.01 | <10 | <10 | 2 | <10 | 11 |
| M155662 | | 12 | 90 | 9 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 7 |
| M155663 | | 8 | 90 | 4 | 0.01 | <2 | <1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 9 |
| M155664 | | 8 | 140 | 3 | 0.01 | <2 | <1 | 6 | <0.01 | <10 | <10 | 3 | <10 | 6 |
| M155665 | | 9 | 190 | 2 | 0.01 | <2 | 1 | 9 | <0.01 | <10 | <10 | 3 | <10 | 11 |

CHAPLEAU RESOURCE LTD.

DRILL HOLE RECORD

HOLE #: Z03-3

LENGTH: 199.1 M.

| | | | |
|--------------------------|----------------------------|---------------------------|-------------------------------|
| PROPERTY: ZINGER | | HORI. COMP: 99.55 METERS | DRILL CONTRACTOR: Lone Ranger |
| LOCATION: HART LAKE | | VERT. COMP: 172.42 METERS | |
| COMMENCED: JUNE 27, 2003 | COMPLETED: JUNE 28, 2003 | CORR. DIP: -60° | CORE SIZE: NQ |
| COORDS: Long. | Lat. | TRUE BEARING: 270° | CASING: 1.5 |
| COORDS: UTM (E)560628 | (N) 5476229 (EL) | % RECOVERY: | CORE STORAGE: Vine Property |
| COORDS: Grid (E) | (N) (EL) | LOGGED DATE: June 2003 | |
| ELEVATION: 2060 | COLLAR: Dip: -60° Azi:270° | LOGGED BY: Dave L. Pighin | |
| OBJECTIVE: | | | |
| SURVEYS: Depth: | Dip: Azi: | Type: | |
| ADDITIONAL SURVEYS: | | | |
| Depth: | Dip: Azi: | | |

| | | |
|------|------|--|
| From | To | LITHOLOGY: Quartzite interbedded argillite. |
| 1.5 | 14.8 | COLOR: See hole Z03-2 |
| | | PRIMARY STRUCTURE: Bedding |
| | | TECTONIC STRUCTURE: Weakly brecciated. |
| | | GENERAL ALTERATION: See Hole Z03-2 |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: 1.5 to 14.8 weakly brecciated and mineralized by quartz-limonite veinlets rarely more than 1 cm thick, and generally 1 mm to 2 mm thick, a poorly mineralized zone. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 1.3 | 2.3 | | Weakly brecciated & mineralized by quartz-limonite veinlets. | M 155680 | | <0.05 | <0.2 | 2 | 33 | 62 | 8 |
| 2.3 | 3.3 | | Weakly brecciated & mineralized by quartz-limonite veinlets. | M 155681 | | <0.05 | <0.2 | <2 | 7 | 32 | 19 |
| 3.3 | 4.3 | | Weakly brecciated & mineralized by quartz-limonite veinlets. | M 155682 | | <0.05 | <0.2 | <2 | 53 | 45 | 40 |
| 4.3 | 5.3 | | Weakly brecciated & mineralized by quartz-limonite veinlets. | M 155683 | | <0.05 | <0.2 | <2 | 74 | 65 | 31 |
| 5.3 | 6.3 | | Weakly brecciated & mineralized by quartz-limonite veinlets. | M 155684 | | <0.05 | <0.2 | <2 | <2 | 114 | 10 |
| 6.3 | 7.3 | | Weakly brecciated & mineralized by quartz-limonite veinlets. | M 155685 | | <0.05 | <0.2 | <2 | 4 | 122 | 1 |
| STND. | | | Weakly brecciated & mineralized by quartz-limonite veinlets. | M 155685A | | NSS | 1.5 | 5150 | 20 | 99 | 67 |
| 7.3 | 8.3 | | Weakly brecciated & mineralized by quartz-limonite veinlets. | M 155686 | | <0.05 | <0.2 | 10 | 2 | 29 | 2 |
| 8.3 | 9.3 | | Weakly brecciated & mineralized by quartz-limonite veinlets. | M 155687 | | <0.05 | <0.2 | 2 | <2 | 4 | 1 |
| 9.3 | 10.3 | | Weakly brecciated & mineralized by quartz-limonite veinlets. | M 155688 | | <0.05 | <0.2 | 3 | 6 | 10 | 2 |
| 10.3 | 11.3 | | Weakly brecciated & mineralized by quartz-limonite veinlets. | M 155689 | | <0.05 | <0.2 | <2 | 2 | 8 | 1 |
| 11.3 | 12.3 | | Weakly brecciated & mineralized by quartz-limonite veinlets. | M 155690 | | <0.05 | <0.2 | 3 | 2 | 6 | 3 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z03-3

LENGTH: 199.1 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|--|------------|-------|-----------|-----------|-----------|-----------|-----------|-----------|
| 12.3 | 13.3 | | Weakly brecciated & mineralized by quartz-limonite veinlets. | M 155691 | | <0.05 | <0.2 | 2 | 2 | 5 | 1 |
| 13.3 | 13.8 | | Weakly brecciated & mineralized by quartz-limonite veinlets. | M 155692 | | <0.05 | <0.2 | 5 | 2 | 7 | 3 |
| 13.8 | 14.3 | | Weakly brecciated & mineralized by quartz-limonite veinlets. | M 155693 | | <0.05 | <0.2 | 2 | 5 | 9 | 1 |
| 14.3 | 14.8 | | Moderately well brecciated, quartz-limonite veinlets average 2 to 3 veins per 10 cm. | M 155694 | | <0.05 | <0.2 | 45 | 7 | 7 | 8 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z03-3
LENGTH: 199.1 M.

| From | To | LITHOLOGY: Quartzite, minor interbeds of light yellowish green argillite. Mineralized zone?? |
|------|------|---|
| 14.8 | 23.0 | COLOR: Generally limonite brown. |
| | | PRIMARY STRUCTURE: Destroyed by brecciation and mineralization. Bedding to core at 20.0 = 14° |
| | | TECTONIC STRUCTURE: Moderately well brecciated fractures to core axis are 13°, 58°, and 05°. |
| | | GENERAL ALTERATION: See adjacent hole; Z03-2. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Breccia zone averages 2 to 3 limonite – pyritic veinlet for every 10 cm of core length, veinlets range in thickness from 2 mm to 10 mm. The quartz veinlets are drusy and well mineralized by limonite after pyrite, iron carbonate. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 14.8 | 15.3 | | Moderately well brecciated, quartz-limonite veinlets average 2 to 3 veins per 10 cm. | M 155695 | | <0.05 | <0.2 | 4 | 8 | 9 | 5 |
| 15.3 | 15.8 | | Moderately well brecciated, quartz-limonite veinlets average 2 to 3 veins per 10 cm. | M 155696 | | <0.05 | <0.2 | 8 | 16 | 10 | 2 |
| 15.8 | 16.3 | | Moderately well brecciated, quartz-limonite veinlets average 2 to 3 veins per 10 cm. | M 155697 | | <0.05 | <0.2 | 2 | 2 | 13 | 5 |
| 16.3 | 16.8 | | Moderately well brecciated, quartz-limonite veinlets average 2 to 3 veins per 10 cm. | M 155698 | | <0.05 | <0.2 | 6 | 2 | 10 | 8 |
| 16.8 | 17.3 | | Moderately well brecciated, quartz-limonite veinlets average 2 to 3 veins per 10 cm. | M 155699 | | <0.05 | <0.2 | 2 | 5 | 17 | 3 |
| 17.3 | 17.8 | | Moderately well brecciated, quartz-limonite veinlets average 2 to 3 veins per 10 cm. | M 155700 | | <0.05 | <0.2 | 4 | 3 | 16 | 3 |
| 17.8 | 18.3 | | Moderately well brecciated, quartz-limonite veinlets average 2 to 3 veins per 10 cm. | M 155701 | | <0.05 | <0.2 | <2 | 9 | 6 | 3 |
| 18.3 | 18.8 | | Moderately well brecciated, quartz-limonite veinlets average 2 to 3 veins per 10 cm. | M 155702 | | <0.05 | <0.2 | <2 | <2 | 8 | 6 |
| 18.8 | 19.3 | | Moderately well brecciated, quartz-limonite veinlets average 2 to 3 veins per 10 cm. | M 155703 | | <0.05 | <0.2 | 2 | 4 | 9 | 6 |
| 19.3 | 19.8 | | Moderately well brecciated, quartz-limonite veinlets average 2 to 3 veins per 10 cm. | M 155704 | | <0.05 | <0.2 | 4 | 4 | 16 | 3 |
| 19.8 | 20.3 | | Moderately well brecciated, quartz-limonite veinlets average 2 to 3 veins per 10 cm. | M 155705 | | <0.05 | <0.2 | <2 | 22 | 11 | 3 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z03-3

LENGTH: 199.1 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|---------------|--|------------|-------|-----------|-----------|-----------|-----------|-----------|-----------|
| | STND | | Moderately well brecciated, quartz-limonite veinlets average 2 to 3 veins per 10 cm. | M 155705A | | NSS | 1.4 | 5250 | 2 | 97 | 68 |
| 20.3 | 20.8 | | Moderately well brecciated, quartz-limonite veinlets average 2 to 3 veins per 10 cm. | M 155706 | | <0.05 | <0.2 | 10 | 12 | 9 | 4 |
| 20.8 | 21.3 | | Moderately well brecciated, quartz-limonite veinlets average 2 to 3 veins per 10 cm. | M 155707 | | <0.05 | <0.2 | 3 | 2 | 11 | 6 |
| 21.3 | 22.3 | | Moderately well brecciated, quartz-limonite veinlets average 2 to 3 veins per 10 cm. | M 155708 | | <0.05 | <0.2 | 3 | 2 | 10 | 4 |
| 22.3 | 23.3 | | Moderately well brecciated, quartz-limonite veinlets average 2 to 3 veins per 10 cm. | M 155709 | | <0.05 | <0.2 | <2 | <2 | 9 | 3 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z03-3
 LENGTH: 199.1 M.

| From | To | LITHOLOGY: Quartzite with rare interbeds of argillite, (5% of unit is argillite). |
|------|------|---|
| 23.0 | 48.5 | COLOR: Purple quartzite, thin to very thin bands of yellowish green argillite. |
| | | PRIMARY STRUCTURE: Medium to thin bedded. Bedding sharp and generally wavy. Bedding to core at 23.0 = 24°, @ 43.0 = 6°. |
| | | TECTONIC STRUCTURE: Quartz filled fractures at 15°, 62° and 20° to core axis. |
| | | GENERAL ALTERATION: See adjacent hole no. Z03-2. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Weak crackle breccia through-out veinlets are widely – scattered generally 2mm to 3mm thick rarely 10 mm thick. Veinlets consist mainly of quartz and minor calcite, veinlets host limonite after pyrite and locally fresh pyrite. |
| | | Mineralization in breccia is best developed between 27.3 to 29.3. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|------|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 23.3 | 24.3 | | Weakly brecciated, veinlets host limonite and pyrite. | M 155710 | | <0.05 | <0.2 | 3 | <2 | 15 | 2 |
| 24.3 | 25.3 | | Weakly brecciated, veinlets host limonite and pyrite. | M 155711 | | <0.05 | <0.2 | 2 | 3 | 13 | 2 |
| 25.3 | 26.3 | | Weakly brecciated, veinlets host limonite and pyrite. | M 155712 | | <0.05 | <0.2 | 3 | 2 | 11 | 3 |
| 26.3 | 27.3 | | Weakly brecciated, veinlets host limonite and pyrite. | M 155713 | | <0.05 | <0.2 | <2 | 3 | 4 | 2 |
| 27.3 | 28.3 | | Weakly brecciated, veinlets host limonite and pyrite. | M 155714 | | <0.05 | <0.2 | <2 | 6 | 12 | 2 |
| 28.3 | 29.3 | | Weakly brecciated, veinlets host limonite and pyrite. | M 155715 | | <0.05 | <0.2 | <2 | <2 | 9 | 4 |
| 29.3 | 30.3 | | Weakly brecciated, veinlets host limonite and pyrite. | M 155716 | | <0.05 | <0.2 | <2 | <2 | 7 | 3 |
| 30.3 | 31.3 | | Weakly brecciated, veinlets host limonite and pyrite. | M 155717 | | <0.05 | <0.2 | 3 | <2 | 6 | 3 |
| 31.3 | 32.3 | | Weakly brecciated, veinlets host limonite and pyrite. | M 155718 | | <0.05 | <0.2 | 2 | 6 | 12 | 4 |
| 32.3 | 33.3 | | Weakly brecciated, veinlets host limonite and pyrite. | M 155719 | | <0.05 | <0.2 | <2 | 7 | 7 | 3 |
| 33.3 | 34.3 | | Weakly brecciated, veinlets host limonite and pyrite. | M 155720 | | <0.05 | <0.2 | 2 | 15 | 6 | 7 |
| 34.3 | 35.3 | | Weakly brecciated, veinlets host limonite and pyrite. | M 155721 | | <0.05 | <0.2 | <2 | <2 | <2 | 9 |
| 35.3 | 36.3 | | Weakly brecciated, veinlets host limonite and pyrite. | M 155722 | | <0.05 | <0.2 | <2 | 2 | 2 | 4 |
| 36.3 | 37.3 | | Weakly brecciated, veinlets host limonite and pyrite. | M 155723 | | <0.05 | <0.2 | 2 | 10 | 3 | 6 |
| 37.3 | 38.3 | | Weakly brecciated, veinlets host limonite and pyrite. | M 155724 | | <0.05 | <0.2 | 2 | <2 | 4 | 3 |
| 38.3 | 39.3 | | Weakly brecciated, veinlets host limonite and pyrite. | M 155725 | | <0.05 | <0.2 | <2 | <2 | 11 | 2 |
| STND. | | | 10-P | M 155725A | 6.81 | NSS | 1.5 | 5240 | 20 | 96 | 67 |
| 39.3 | 40.3 | | Weakly brecciated, veinlets host limonite and pyrite. | M 155726 | | <0.05 | <0.2 | 16 | 2 | 9 | 2 |
| 40.3 | 41.3 | | Weakly brecciated, veinlets host limonite and pyrite. | M 155727 | | <0.05 | <0.2 | 3 | 3 | 14 | 1 |
| 41.3 | 42.3 | | Weakly brecciated, veinlets host limonite and pyrite. | M 155728 | | <0.05 | <0.2 | 3 | 2 | 8 | 1 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z03-3

LENGTH: 199.1 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|---------------|---|------------|-------|-----------|-----------|-----------|-----------|-----------|-----------|
| 42.3 | 43.3 | | Weakly brecciated, veinlets host limonite and pyrite. | M 155729 | | <0.05 | <0.2 | 5 | <2 | 3 | 1 |
| 43.3 | 44.3 | | Weakly brecciated, veinlets host limonite and pyrite. | M 155730 | | <0.05 | <0.2 | 4 | <2 | 2 | 1 |
| 44.3 | 45.3 | | Weakly brecciated, veinlets host limonite and pyrite. | M 155731 | | <0.05 | <0.2 | 3 | 2 | 4 | 1 |
| 45.3 | 46.3 | | Weakly brecciated, veinlets host limonite and pyrite. | M 155732 | | <0.05 | <0.2 | <2 | <2 | 4 | 2 |
| 46.3 | 47.3 | | Weakly brecciated, veinlets host limonite and pyrite. | M 155733 | | <0.05 | <0.2 | <2 | <2 | 6 | 1 |
| 47.3 | 48.3 | | Weakly brecciated, veinlets host limonite and pyrite. | M 155734 | | 0.11 | <0.2 | 2 | 6 | 6 | 3 |
| 48.3 | 49.3 | | Weakly brecciated, veinlets host limonite and pyrite. | M 155735 | | <0.05 | <0.2 | <2 | 5 | 7 | 4 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z03-3

LENGTH: 199.1 M.

| From | To | LITHOLOGY: Quartzite interbedded argillite (5% or less argillite in unit) |
|------|------|--|
| 48.5 | 68.0 | COLOR: Light gray quartzite, banded light yellowish green by thin argillite interbeds. |
| | | PRIMARY STRUCTURE: Medium to thick bedded, quartzite. Bedding is distinct and wavy. At 73.0 bedding to core axis = 27° |
| | | TECTONIC STRUCTURE: 50.9 to 53.3 weakly crackle brecciated, fractures to core are as reported previously. 62.3 to 65.3 weakly brecciated, by veinlets as previously reported. |
| | | GENERAL ALTERATION: See adjacent drill log Z03-2. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: 50.9 + 53.3 - Veinlet density from 50.9 – 51.3 is 5 veinlet per 10 cm; 51.3 to 53.3 veinlets are rare and wide spread, quartz veins are drusy and contain very rare pyrite. One quartz – carbonate vein 20 mm thick hosts relatively abundant specularite. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 49.3 | 50.3 | | Weakly brecciated, mineralized by limonite and pyrite. | M 155736 | | <0.05 | <0.2 | 2 | 17 | 13 | 3 |
| 50.3 | 51.3 | | Weakly brecciated, mineralized by limonite and pyrite. | M 155737 | | <0.05 | <0.2 | 3 | 4 | 7 | 3 |
| 51.3 | 52.3 | | Weakly brecciated, mineralized by limonite and pyrite. | M 155738 | | <0.05 | <0.2 | <2 | 3 | 9 | 3 |
| 52.3 | 53.3 | | Weakly brecciated, mineralized by limonite and pyrite. | M 155739 | | <0.05 | <0.2 | <2 | 9 | 10 | 3 |
| 53.3 | 54.3 | | Weakly brecciated, mineralized by limonite and pyrite. | M 155740 | | <0.05 | <0.2 | 2 | 2 | 7 | 3 |
| 54.3 | 55.3 | | Weakly brecciated, mineralized by limonite and pyrite. | M 155741 | | <0.05 | <0.2 | 5 | 3 | 3 | 3 |
| 55.3 | 56.3 | | Weakly brecciated, mineralized by limonite and pyrite. | M 155742 | | <0.05 | <0.2 | <2 | 2 | 6 | 3 |
| 56.3 | 57.3 | | Weakly brecciated, mineralized by limonite and pyrite. | M 155743 | | <0.05 | <0.2 | 2 | 3 | 8 | 2 |
| 57.3 | 58.3 | | Weakly brecciated, mineralized by limonite and pyrite. | M 155744 | | <0.05 | <0.2 | 2 | 10 | 13 | 6 |
| STND. | | | Weakly brecciated, mineralized by limonite and pyrite. | M 155745 | | <0.05 | 1.4 | 5240 | 23 | 98 | 69 |
| 58.3 | 59.3 | | Weakly brecciated, mineralized by limonite and pyrite. | M 155746 | | NSS | <0.2 | 9 | 29 | 7 | 2 |
| 59.3 | 60.3 | | Weakly brecciated, mineralized by limonite and pyrite. | M 155747 | | <0.05 | <0.2 | 3 | 23 | 7 | 7 |
| 60.3 | 61.3 | | Weakly brecciated, mineralized by limonite and pyrite. | M 155748 | | 0.06 | <0.2 | 3 | 2 | 6 | 8 |
| 61.3 | 62.3 | | Weakly brecciated, mineralized by limonite and pyrite. | M 155749 | | <0.05 | <2 | <2 | 23 | 40 | 9 |
| 62.3 | 63.3 | | Weakly brecciated, mineralized by limonite and pyrite. | M 155750 | | <0.05 | 0.2 | 10 | 135 | 162 | 9 |
| 63.3 | 64.3 | | Weakly brecciated, mineralized by limonite and pyrite. | M 155751 | | <0.05 | <0.2 | 3 | 32 | 108 | 10 |
| 64.3 | 65.3 | | Weakly brecciated, mineralized by limonite and pyrite. | M 155752 | | <0.05 | <0.2 | <2 | 29 | 25 | 4 |
| 65.3 | 66.3 | | Weakly brecciated, mineralized by limonite and pyrite. | M 155753 | | <0.05 | <0.2 | <2 | 33 | 33 | 8 |
| 66.3 | 67.3 | | Weakly brecciated, mineralized by limonite and pyrite. | M 155754 | | 0.09 | 0.4 | 2 | 132 | 176 | 41 |
| 67.3 | 68.3 | | Weakly brecciated, mineralized by limonite and pyrite. | M 155755 | | 0.06 | <0.2 | 2 | 3 | 22 | 9 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z03-3
LENGTH: 199.1 M.

| From | To | LITHOLOGY: Quartzite interbedded minor argillite. |
|------|-------|--|
| 68.0 | 102.5 | COLOR: Mainly purple quartzite, with light green to yellowish green argillite partings. |
| | | PRIMARY STRUCTURE: Medium to thin bedded, bedding is distinct and generally wavy. 99.2 – 102.5 thick bedded quartzites. |
| | | Bedding to core axis at 78.0 = 10°, at 89.0 = 18°, at 96.0 = 16°. |
| | | TECTONIC STRUCTURE: Scattered thin quartz veins as previously described. |
| | | GENERAL ALTERATION: See log of adjacent hole Z03-2. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: NIL. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|------|------------|----------|------------|-------|-----------|-----------|-----------|-----------|-----------|-----------|
| 68.3 | 69.3 | | | M 155756 | | <0.05 | <0.2 | 12 | 2 | 13 | 6 |
| 69.3 | 70.3 | | | M 155757 | | 0.52 | <0.2 | 2 | 20 | 6 | 5 |
| 70.3 | 71.3 | | | M 155758 | | 0.18 | <0.2 | 2 | <2 | 18 | 2 |
| 71.3 | 72.3 | | | M 155759 | | <0.05 | <0.2 | 3 | 2 | 18 | 1 |
| STND. | | | 10P | M 155760 | 6.81 | NSS | 2 | 5660 | 24 | 100 | 70 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z03-3
LENGTH: 199.1 M.

| From | To | LITHOLOGY: Argillite, rare thin quartzite bed. Abundant pyrite veinlets. |
|-------|-------|--|
| 102.5 | 107.0 | COLOR: Light green. |
| | | PRIMARY STRUCTURE: Thin to very thin bedded, bedding is indistinct due to foliation. Bedding to core at 105.0 = 22°. |
| | | TECTONIC STRUCTURE: Strongly foliated parallel to bedding. |
| | | GENERAL ALTERATION: The argillite is best described as sericitic phyllite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Relatively abundant quartz veins rarely more than 2 cm. thick host minor limonite after pyrite. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|------------|----------|------------|-------|--------|--------|--------|--------|--------|--------|
| 102.5 | 103.5 | | | M 155761 | | <0.05 | <0.2 | 5 | 34 | 8 | 2 |
| 103.5 | 104.5 | | | M 155762 | | <0.05 | <0.2 | 2 | 2 | 11 | 1 |
| 104.5 | 105.5 | | | M 155763 | | <0.05 | <0.2 | <2 | <2 | 13 | 1 |
| 105.5 | 106.5 | | | M 155764 | | <0.05 | <0.2 | 2 | <2 | 14 | 1 |
| 106.5 | 107.5 | | 7P | M 155765 | | <0.05 | <0.2 | <2 | 2 | 17 | 1 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z03-3
LENGTH: 199.1 M.

| From | To | LITHOLOGY: Quartzite interbedded argillite. |
|-------|-------|---|
| 107.0 | 121.5 | COLOR: Purple quartzite interbedded lead gray to olive gray argillite. |
| | | PRIMARY STRUCTURE: Medium, to thin bedded, bedding is distinct, generally wavy and wispy, due to soft sediment deformation structures such as ball and billow, small scale slump folding etc. |
| | | TECTONIC STRUCTURE: Very widely scattered thin quartz filled fractures at 6°, 72° and 51° to core axis. |
| | | GENERAL ALTERATION: Quartzites are intensely silicified and weakly sericitic. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Rare barren thin quartz veinlets. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | LITHOLOGY: Quartzite; minor argillite (brecciated) |
|-------|-------|--|
| 121.5 | 142.0 | COLOR: Quartzites are mainly light gray, with lesser light pinkish gray and light yellowish gray, thin yellowish green layers. |
| | | PRIMARY STRUCTURE: Medium to thin bedded, bedding is sharp and generally wavy, quartzites are very fine grained, argillite interbeds are very thin wispy and distorted. Bedding to core axis at 128.0 = 21°, at 135.5 = 3, at 141.0 = 30°. |
| | | TECTONIC STRUCTURE: Crackle brecciated first by thin irregular veinlets filled by watery colored microcrystalline quartz, over printed by large veins of white quartz and dolomite. The veins cut core axis at 36°, (33° parallel to bedding) 16° and 10°. |
| | | GENERAL ALTERATION: Intensely silicified quartzites, quartzites are laminated by hairline thin layers of white and yellow sericite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Quartz veins which cut the core axis at 16° to 10° are typically well mineralized by specularite and lesser pyrite. Other veins 36° to 33° to core host pyrite, minor galena and rare chalcopyrite. |
| | | Best galena and rare chalcopyrite from 127.0 – 128.0. Best specularite – pyrite mineralization from 136.0 – 137.0. Pyrite is also weakly disseminated in host quartzite. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| STND. | | | | M 155766 | 6.81 | NSS | <0.2 | 2540 | 29 | 15 | 34 |
| 121.5 | 122.5 | | Moderately brecciated, mineralized by quartz veinlets, host pyrite, hematite, galena and rare chalcopyrite. | M 155767 | | <0.05 | <0.2 | 4 | 4 | 21 | 1 |
| 123.5 | 124.5 | | Moderately brecciated, mineralized by quartz veinlets, host pyrite, hematite, galena and rare chalcopyrite. | M 155768 | | 0.08 | <0.2 | <2 | <2 | 12 | 3 |
| 124.5 | 125 | | Moderately brecciated, mineralized by quartz veinlets, host pyrite, hematite, galena and rare chalcopyrite. | M 155769 | | <0.05 | <0.2 | <2 | 52 | 88 | 4 |
| 125.5 | 126 | | Moderately brecciated, mineralized by quartz veinlets, host pyrite, hematite, galena and rare chalcopyrite. | M 155770 | | 0.18 | <0.2 | 2 | 112 | 57 | 12 |
| 126 | 126.5 | | Moderately brecciated, mineralized by quartz veinlets, host pyrite, hematite, galena and rare chalcopyrite. | M 155771 | | 0.14 | <0.2 | <2 | 4 | 11 | 18 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z03-3

LENGTH: 199.1 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|---------------|---|------------|-------|-----------|-----------|-----------|-----------|-----------|-----------|
| 126.5 | 127 | | Moderately brecciated, mineralized by quartz veinlets, host pyrite, hematite, galena and rare chalcopyrite. | M 155772 | | 0.17 | <0.2 | <2 | 12 | 12 | 29 |
| 127 | 127.5 | | Moderately brecciated, mineralized by quartz veinlets, host pyrite, hematite, galena and rare chalcopyrite. | M 155773 | | <0.05 | <0.2 | 3 | 18 | 12 | 24 |
| 127.5 | 128 | | Moderately brecciated, mineralized by quartz veinlets, host pyrite, hematite, galena and rare chalcopyrite. | M 155774 | | 0.1 | <0.2 | <2 | 4 | 6 | 21 |
| 128 | 128.5 | | Moderately brecciated, mineralized by quartz veinlets, host pyrite, hematite, galena and rare chalcopyrite. | M 155775 | | 0.1 | 0.3 | 2 | 124 | 252 | 53 |
| 129 | 129.5 | | Moderately brecciated, mineralized by quartz veinlets, host pyrite, hematite, galena and rare chalcopyrite. | M 155776 | | <0.05 | <0.2 | <2 | 8 | 11 | 2 |
| 136 | 137 | | As above but less galena and more specularite with pyrite. | M 155777 | | 0.21 | <0.2 | 2 | 9 | 17 | 8 |
| 137 | 138 | | As above but less galena and more specularite with pyrite. | M 155778 | | 0.27 | 0.2 | <2 | 15 | 5 | 5 |
| 138 | 139 | | As above but less galena and more specularite with pyrite. | M 155779 | | 0.23 | <0.2 | <2 | 15 | 2 | 4 |
| 139 | 140 | | As above but less galena and more specularite with pyrite. | M 155780 | | 0.35 | <0.2 | <2 | 14 | 15 | 55 |
| 140 | 141 | | As above but less galena and more specularite with pyrite. | M 155781 | | 0.14 | <0.2 | 2 | 11 | 3 | 6 |
| 141 | 142 | | As above but less galena and more specularite with pyrite. | M 155782 | | 0.09 | <0.2 | <2 | 197 | 5 | 4 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z03-3

LENGTH: 199.1 M.

| From | To | LITHOLOGY: Quartzite; minor thin wispy argillite interbeds. |
|--------|--------|---|
| 142.0 | 199.21 | COLOR: Purple quartzite, banded by thin light green wispy argillite beds. |
| END OF | HOLE | PRIMARY STRUCTURE: Medium to thin bedded, bedding is distinct and wispy, wavy and locally distorted. Quartzite are fine grained. Bedding to core axis at 143.0 = 5°, at 150.0 = 8°, at 161.0 = 27°, at 163.0 = 7°, at 172 = 13°, at 149.1 = 13°. |
| | | TECTONIC STRUCTURE: Rare fractures as previous noted. |
| | | GENERAL ALTERATION: As previously described. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: 159.0 – 160.0 Weakly brecciated and veined by drusy white quartz and limonite (sampled). 175.0 – 179.0 crackle brecciated and healed by drusy white quartz and dolomite veinlets, only very rare pyrite. 187.0 – 192.0 scattered veinlets of quartz – dolomite – specularite, veinlets of quartz and limonite. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 159 | 159.5 | | Weakly brecciated healed by drusy vein quartz with limonite. | M 155783 | | 0.38 | <0.2 | <2 | 9 | 6 | 9 |
| 159.5 | 160 | | Weakly brecciated healed by drusy vein quartz with limonite. | M 155784 | | 0.28 | <0.2 | 3 | 7 | 7 | 10 |
| 160 | 160.5 | | Weakly brecciated healed by drusy vein quartz with limonite. | M 155785 | | 0.35 | <0.2 | 2 | 8 | 5 | 6 |
| 175 | 176 | | Weakly brecciated healed by quartz-dolomite veinlets and rare pyrite. | M 155786 | | <0.05 | <0.2 | 2 | 4 | 2 | 7 |
| STND | | 7pa | Weakly brecciated healed by quartz-dolomite veinlets and rare pyrite. | M 155787 | 3 | NSS | <0.2 | 2450 | 34 | 16 | 38 |
| 176 | 177 | | Weakly brecciated healed by quartz-dolomite veinlets and rare pyrite. | M 155788 | | <0.05 | <0.2 | 8 | 3 | 2 | 8 |
| 177 | 178 | | Weakly brecciated healed by quartz-dolomite veinlets and rare pyrite. | M 155789 | | <0.05 | <0.2 | 2 | 5 | 2 | 5 |
| 178 | 179 | | Weakly brecciated healed by quartz-dolomite veinlets and rare pyrite. | M 155790 | | <0.05 | <0.2 | <2 | 4 | 5 | 6 |
| 187 | 188 | | Scattered veinlets of quartz - dolomite - specularite and limonite. | M 155791 | | <0.05 | <0.2 | <2 | 3 | 5 | 4 |
| 188 | 189 | | Scattered veinlets of quartz - dolomite - specularite and limonite. | M 155792 | | <0.05 | <0.2 | 2 | 3 | 7 | 3 |
| 189 | 190 | | Scattered veinlets of quartz - dolomite - specularite and limonite. | M 155793 | | <0.05 | <0.2 | <2 | 14 | 17 | 6 |
| 190 | 191 | | Scattered veinlets of quartz - dolomite - specularite and limonite. | M 155794 | | <0.05 | <0.2 | 2 | 2 | 23 | 3 |
| 191 | 192 | | Scattered veinlets of quartz - dolomite - specularite and limonite. | M 155795 | | <0.05 | <0.2 | <2 | 12 | 22 | 5 |



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CRANBROOK BC V1C 2N1

Page #: 1
Date : 9-Jul-2003
Account: NJY

CERTIFICATE VA03022961

Project : Z-03-03

P.O. No:

This report is for 73 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 30-Jun-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| CRU-21 | Crush entire sample 70% < 6 mm |
| PUL-21 | Pulverize entire sample |
| LOG-24 | Pulp Login - Rcd w/o Barcode |
| SCR-21 | Screen to -100 um |
| LOG-22 | Sample login - Rcd w/o BarCode |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Page #: 2 - A
Total # of pages : 3 (A - C)
Date : 9-Jul-2003
Account: NJY

Project : 2-03-03

CERTIFICATE OF ANALYSIS VA03022961

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M155680 | | 2.62 | <0.05 | <0.05 | <0.05 | <0.001 | 7.26 | 2343 | <0.01 | <0.01 | <0.2 | 0.28 | 2 | <10 | 160 | <0.5 |
| M155681 | | 2.36 | <0.05 | <0.05 | <0.05 | <0.001 | 10.85 | 2021 | <0.01 | <0.01 | <0.2 | 0.23 | <2 | <10 | 340 | <0.5 |
| M155682 | | 2.42 | <0.05 | <0.05 | <0.05 | <0.001 | 9.87 | 2146 | 0.01 | <0.01 | <0.2 | 0.23 | <2 | <10 | 540 | <0.5 |
| M155683 | | 2.66 | <0.05 | <0.05 | <0.05 | <0.001 | 2.85 | 2419 | 0.03 | 0.01 | <0.2 | 0.45 | <2 | <10 | 150 | <0.5 |
| M155684 | | 2.10 | <0.05 | <0.05 | <0.05 | <0.001 | 4.69 | 1815.0 | <0.01 | <0.01 | <0.2 | 0.43 | <2 | <10 | 240 | <0.5 |
| M155685 | | 2.30 | <0.05 | <0.05 | <0.05 | <0.001 | 5.05 | 2003 | 0.05 | 0.03 | <0.2 | 0.47 | <2 | <10 | 210 | <0.5 |
| M155685A | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 6.44 | 6.33 | 1.5 | 2.91 | 5150 | <10 | 60 | 2.0 |
| M155686 | | 3.28 | <0.05 | <0.05 | <0.05 | <0.001 | 13.08 | 2955 | 0.01 | <0.01 | <0.2 | 0.45 | 10 | <10 | 170 | <0.5 |
| M155687 | | 2.18 | <0.05 | <0.05 | <0.05 | <0.001 | 3.04 | 1874.5 | <0.01 | <0.01 | <0.2 | 0.29 | 2 | <10 | 160 | <0.5 |
| M155688 | | 3.16 | <0.05 | <0.05 | <0.05 | <0.001 | 14.82 | 2823 | <0.01 | <0.01 | <0.2 | 0.41 | 3 | <10 | 150 | <0.5 |
| M155689 | | 2.28 | <0.05 | <0.05 | <0.05 | <0.001 | 3.53 | 1965.5 | <0.01 | <0.01 | <0.2 | 0.29 | <2 | <10 | 70 | <0.5 |
| M155690 | | 1.96 | <0.05 | <0.05 | <0.05 | <0.001 | 13.01 | 1667.5 | <0.01 | <0.01 | <0.2 | 0.28 | 3 | <10 | 60 | <0.5 |
| M155691 | | 1.78 | <0.05 | <0.05 | <0.05 | <0.001 | 3.87 | 1489.0 | 0.01 | <0.01 | <0.2 | 0.31 | 2 | <10 | 50 | <0.5 |
| M155692 | | 0.78 | <0.05 | <0.05 | <0.05 | <0.001 | 6.85 | 542.7 | <0.01 | <0.01 | <0.2 | 0.50 | 5 | <10 | 70 | <0.5 |
| M155693 | | 0.80 | <0.05 | <0.05 | <0.05 | <0.001 | 5.54 | 553.9 | <0.01 | <0.01 | <0.2 | 0.59 | 2 | <10 | 80 | <0.5 |
| M155694 | | 1.08 | <0.05 | <0.05 | <0.05 | <0.001 | 7.73 | 859.4 | 0.01 | <0.01 | <0.2 | 0.33 | 45 | <10 | 80 | <0.5 |
| M155695 | | 1.28 | <0.05 | <0.05 | <0.05 | <0.001 | 11.74 | 1033.5 | 0.01 | <0.01 | <0.2 | 0.44 | 4 | <10 | 110 | <0.5 |
| M155696 | | 1.46 | <0.05 | <0.05 | <0.05 | <0.001 | 11.99 | 1194.0 | <0.01 | <0.01 | <0.2 | 0.45 | 8 | <10 | 110 | <0.5 |
| M155697 | | 1.28 | <0.05 | <0.05 | <0.05 | <0.001 | 12.27 | 1051.0 | <0.01 | <0.01 | <0.2 | 0.33 | 2 | <10 | 80 | <0.5 |
| M155698 | | 1.04 | <0.05 | <0.05 | <0.05 | <0.001 | 4.82 | 814.2 | 0.02 | <0.01 | <0.2 | 0.38 | 6 | <10 | 110 | <0.5 |
| M155699 | | 1.54 | <0.05 | <0.05 | <0.05 | <0.001 | 17.65 | 1316.5 | <0.01 | <0.01 | <0.2 | 0.40 | 2 | <10 | 120 | <0.5 |
| M155700 | | 1.06 | <0.05 | <0.05 | <0.05 | <0.001 | 7.05 | 879.7 | <0.01 | <0.01 | <0.2 | 0.44 | 4 | <10 | 110 | <0.5 |
| M155701 | | 1.34 | <0.05 | <0.05 | <0.05 | <0.001 | 12.17 | 1107.0 | <0.01 | <0.01 | <0.2 | 0.23 | <2 | <10 | 70 | <0.5 |
| M155702 | | 1.22 | <0.05 | <0.05 | <0.05 | <0.001 | 18.27 | 988.6 | 0.02 | <0.01 | <0.2 | 0.18 | <2 | <10 | 50 | <0.5 |
| M155703 | | 0.96 | <0.05 | <0.05 | <0.05 | <0.001 | 6.62 | 741.6 | <0.01 | <0.01 | <0.2 | 0.16 | 2 | <10 | 50 | <0.5 |
| M155704 | | 1.42 | <0.05 | <0.05 | <0.05 | <0.001 | 7.24 | 1058.0 | <0.01 | <0.01 | <0.2 | 0.29 | 4 | <10 | 100 | <0.5 |
| M155705 | | 1.30 | <0.05 | <0.05 | <0.05 | <0.001 | 9.14 | 1230.0 | <0.01 | <0.01 | <0.2 | 0.18 | <2 | <10 | 80 | <0.5 |
| M155705A | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 6.85 | 6.64 | 1.4 | 2.94 | 5250 | <10 | 60 | 2.0 |
| M155706 | | 1.24 | <0.05 | <0.05 | <0.05 | <0.001 | 9.20 | 1107.5 | <0.01 | <0.01 | <0.2 | 0.17 | 10 | <10 | 60 | <0.5 |
| M155707 | | 1.46 | <0.05 | <0.05 | <0.05 | <0.001 | 8.38 | 1256.0 | <0.01 | <0.01 | <0.2 | 0.27 | 3 | <10 | 70 | <0.5 |
| M155708 | | 1.86 | <0.05 | <0.05 | <0.05 | <0.001 | 4.58 | 1661.0 | <0.01 | <0.01 | <0.2 | 0.40 | 3 | <10 | 80 | <0.5 |
| M155709 | | 2.54 | <0.05 | <0.05 | <0.05 | <0.001 | 15.48 | 2331 | <0.01 | <0.01 | <0.2 | 0.21 | <2 | <10 | 90 | <0.5 |
| M155710 | | 2.44 | <0.05 | <0.05 | <0.05 | <0.001 | 15.94 | 2217 | <0.01 | <0.01 | <0.2 | 0.26 | 3 | <10 | 210 | <0.5 |
| M155711 | | 2.76 | <0.05 | <0.05 | <0.05 | <0.001 | 3.71 | 2559 | <0.01 | <0.01 | <0.2 | 0.32 | 2 | <10 | 130 | <0.5 |
| M155712 | | 2.14 | <0.05 | <0.05 | <0.05 | <0.001 | 10.46 | 1923.0 | <0.01 | <0.01 | <0.2 | 0.24 | 3 | <10 | 100 | <0.5 |
| M155713 | | 2.34 | <0.05 | <0.05 | <0.05 | <0.001 | 4.38 | 2112 | <0.01 | <0.01 | <0.2 | 0.19 | <2 | <10 | 110 | <0.5 |
| M155714 | | 2.10 | <0.05 | <0.05 | <0.05 | <0.001 | 4.58 | 1883.5 | 0.01 | <0.01 | <0.2 | 0.29 | <2 | <10 | 160 | <0.5 |
| M155715 | | 2.44 | <0.05 | <0.05 | <0.05 | <0.001 | 2.66 | 2200 | <0.01 | <0.01 | <0.2 | 0.22 | <2 | <10 | 300 | <0.5 |
| M155716 | | 3.24 | <0.05 | <0.05 | <0.05 | <0.001 | 3.12 | 3025 | <0.01 | <0.01 | <0.2 | 0.23 | <2 | <10 | 250 | <0.5 |
| M155717 | | 2.22 | <0.05 | <0.05 | <0.05 | <0.001 | 9.81 | 2016 | 0.01 | 0.01 | <0.2 | 0.13 | 3 | <10 | 280 | <0.5 |

Comments: NSS is non-sufficient sample.



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Page #: 3 - A
Total # of pages : 3 (A - C)
Date : 9-Jul-2003
Account: NJY

Project : 2-03-03

CERTIFICATE OF ANALYSIS VA03022961

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M155718 | | 2.56 | <0.05 | <0.05 | <0.05 | <0.001 | 11.17 | 2338 | <0.01 | <0.01 | <0.2 | 0.23 | 2 | <10 | 280 | <0.5 |
| M155719 | | 2.50 | <0.05 | <0.05 | <0.05 | <0.001 | 18.14 | 2283 | <0.01 | <0.01 | <0.2 | 0.19 | <2 | <10 | 140 | <0.5 |
| M155720 | | 2.08 | <0.05 | <0.05 | <0.05 | <0.001 | 5.37 | 1894.5 | 0.01 | <0.01 | <0.2 | 0.18 | 2 | <10 | 130 | <0.5 |
| M155721 | | 2.42 | <0.05 | <0.05 | <0.05 | <0.001 | 11.49 | 2189 | <0.01 | <0.01 | <0.2 | 0.11 | <2 | <10 | 300 | <0.5 |
| M155722 | | 3.20 | <0.05 | <0.05 | <0.05 | <0.001 | 11.74 | 2724 | <0.01 | <0.01 | <0.2 | 0.13 | <2 | <10 | 580 | <0.5 |
| M155723 | | 2.44 | <0.05 | <0.05 | <0.05 | <0.001 | 9.25 | 2217 | <0.01 | <0.01 | <0.2 | 0.17 | 2 | <10 | 180 | <0.5 |
| M155724 | | 2.62 | <0.05 | <0.05 | <0.05 | <0.001 | 7.60 | 2383 | <0.01 | <0.01 | <0.2 | 0.16 | 2 | <10 | 300 | <0.5 |
| M155725 | | 2.38 | <0.05 | <0.05 | <0.05 | <0.001 | 5.12 | 2145 | <0.01 | 0.01 | <0.2 | 0.35 | <2 | <10 | 320 | 0.5 |
| M155725A | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 6.64 | 6.67 | 1.5 | 2.92 | 5240 | <10 | 50 | 2.0 |
| M155726 | | 1.98 | <0.05 | <0.05 | <0.05 | <0.001 | 11.09 | 1758.0 | 0.01 | 0.01 | <0.2 | 0.36 | 16 | <10 | 90 | 0.5 |
| M155727 | | 2.56 | <0.05 | <0.05 | <0.05 | <0.001 | 24.06 | 2296 | <0.01 | <0.01 | <0.2 | 0.32 | 3 | <10 | 210 | <0.5 |
| M155728 | | 3.32 | <0.05 | <0.05 | <0.05 | <0.001 | 32.77 | 3002 | <0.01 | <0.01 | <0.2 | 0.36 | 3 | <10 | 70 | <0.5 |
| M155729 | | 2.56 | <0.05 | <0.05 | <0.05 | <0.001 | 24.58 | 2279 | <0.01 | <0.01 | <0.2 | 0.21 | 5 | <10 | 300 | <0.5 |
| M155730 | | 2.48 | <0.05 | <0.05 | <0.05 | <0.001 | 27.87 | 2196 | <0.01 | <0.01 | <0.2 | 0.17 | 4 | <10 | 200 | <0.5 |
| M155731 | | 1.94 | <0.05 | <0.05 | <0.05 | <0.001 | 12.24 | 1650.0 | <0.01 | <0.01 | <0.2 | 0.25 | 3 | <10 | 150 | <0.5 |
| M155732 | | 2.54 | <0.05 | <0.05 | <0.05 | <0.001 | 28.36 | 2266 | 0.01 | <0.01 | <0.2 | 0.22 | <2 | <10 | 230 | <0.5 |
| M155733 | | 2.66 | <0.05 | <0.05 | <0.05 | <0.001 | 18.88 | 2415 | <0.01 | 0.01 | <0.2 | 0.32 | <2 | <10 | 780 | <0.5 |
| M155734 | | 3.12 | 0.11 | 6.74 | <0.05 | 0.234 | 34.71 | 2820 | 0.04 | 0.02 | <0.2 | 0.23 | 2 | <10 | 450 | <0.5 |
| M155735 | | 2.60 | <0.05 | <0.05 | <0.05 | <0.001 | 20.27 | 2336 | <0.01 | <0.01 | <0.2 | 0.26 | <2 | <10 | 150 | <0.5 |
| M155736 | | 2.94 | <0.05 | <0.05 | <0.05 | <0.001 | 28.87 | 2041 | <0.01 | <0.01 | <0.2 | 0.29 | 2 | <10 | 70 | <0.5 |
| M155737 | | 2.26 | <0.05 | <0.05 | <0.05 | <0.001 | 29.50 | 1925.5 | <0.01 | <0.01 | <0.2 | 0.21 | 3 | <10 | 80 | <0.5 |
| M155738 | | 2.84 | <0.05 | <0.05 | <0.05 | <0.001 | 18.66 | 2522 | <0.01 | <0.01 | <0.2 | 0.26 | <2 | <10 | 140 | <0.5 |
| M155739 | | 2.36 | <0.05 | <0.05 | <0.05 | <0.001 | 18.71 | 2101 | <0.01 | <0.01 | <0.2 | 0.45 | <2 | <10 | 890 | <0.5 |
| M155740 | | 2.54 | <0.05 | <0.05 | <0.05 | <0.001 | 22.15 | 2247 | <0.01 | 0.01 | <0.2 | 0.24 | 2 | <10 | 190 | <0.5 |
| M155741 | | 2.32 | <0.05 | <0.05 | <0.05 | <0.001 | 13.06 | 2049 | <0.01 | <0.01 | <0.2 | 0.24 | 5 | <10 | 100 | <0.5 |
| M155742 | | 2.54 | <0.05 | <0.05 | <0.05 | <0.001 | 20.56 | 2256 | <0.01 | <0.01 | <0.2 | 0.24 | <2 | <10 | 60 | <0.5 |
| M155743 | | 2.54 | <0.05 | <0.05 | <0.05 | <0.001 | 30.75 | 2217 | <0.01 | <0.01 | <0.2 | 0.23 | 2 | <10 | 30 | <0.5 |
| M155744 | | 2.44 | <0.05 | <0.05 | <0.05 | <0.001 | 13.61 | 2101 | <0.01 | 0.01 | <0.2 | 0.31 | 2 | <10 | 30 | <0.5 |
| M155745 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 6.70 | 6.55 | 1.4 | 2.92 | 5240 | <10 | 50 | 2.0 |
| M155746 | | 2.18 | <0.05 | <0.05 | <0.05 | <0.001 | 14.19 | 1883.0 | 0.01 | <0.01 | <0.2 | 0.17 | 9 | <10 | 30 | <0.5 |
| M155747 | | 4.00 | <0.05 | <0.05 | <0.05 | <0.001 | 15.58 | 3644 | 0.01 | <0.01 | <0.2 | 0.18 | 3 | <10 | 40 | <0.5 |
| M155748 | | 2.48 | 0.06 | 0.98 | 0.06 | 0.020 | 20.46 | 2171 | 0.04 | 0.07 | <0.2 | 0.22 | 3 | <10 | 40 | <0.5 |
| M155749 | | 2.46 | <0.05 | <0.05 | <0.05 | <0.001 | 18.00 | 2184 | 0.01 | 0.01 | <0.2 | 0.19 | <2 | <10 | 40 | <0.5 |

Comments: NSS is non-sufficient sample.



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Page #: 2 - B
Total # of pages : 3 (A - C)
Date : 9-Jul-2003
Account: NJY

Project : 2-03-03

CERTIFICATE OF ANALYSIS VA03022961

| Sample Description | Method Analyte Units LOR | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 |
|--------------------|-----------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M155680 | | <2 | 0.01 | 0.5 | 2 | 7 | 8 | 0.95 | <10 | <1 | 0.17 | 40 | 0.02 | 67 | <1 | 0.03 |
| M155681 | | <2 | 0.01 | 0.5 | 1 | 6 | 19 | 0.82 | <10 | <1 | 0.12 | 20 | 0.02 | 76 | <1 | 0.04 |
| M155682 | | <2 | 0.02 | <0.5 | 2 | 7 | 40 | 0.89 | <10 | <1 | 0.13 | 20 | 0.06 | 67 | <1 | 0.04 |
| M155683 | | <2 | 0.01 | <0.5 | 3 | 4 | 31 | 0.84 | <10 | <1 | 0.26 | 40 | 0.07 | 120 | <1 | 0.02 |
| M155684 | | <2 | 0.04 | 1.0 | 3 | 4 | 10 | 0.71 | <10 | <1 | 0.22 | 30 | 0.11 | 95 | <1 | 0.02 |
| M155685 | | <2 | 0.05 | 2.0 | 3 | 3 | 1 | 0.77 | <10 | <1 | 0.24 | 40 | 0.13 | 111 | <1 | 0.02 |
| M155685A | | 3 | 0.79 | 0.7 | 21 | 273 | 67 | 4.16 | 10 | <1 | 0.97 | 30 | 1.12 | 1250 | 2 | 0.11 |
| M155686 | | <2 | 0.05 | 0.8 | 3 | 4 | 2 | 0.79 | <10 | <1 | 0.20 | 30 | 0.14 | 83 | <1 | 0.02 |
| M155687 | | <2 | 0.04 | <0.5 | 1 | 14 | 1 | 0.84 | <10 | <1 | 0.10 | 30 | 0.10 | 68 | <1 | 0.03 |
| M155688 | | <2 | 0.03 | <0.5 | 2 | 5 | 2 | 0.87 | <10 | <1 | 0.19 | 40 | 0.14 | 95 | <1 | 0.02 |
| M155689 | | <2 | 0.03 | <0.5 | 2 | 6 | 1 | 0.77 | <10 | <1 | 0.09 | 20 | 0.13 | 112 | <1 | 0.04 |
| M155690 | | <2 | 0.02 | <0.5 | 2 | 8 | 3 | 0.84 | <10 | <1 | 0.07 | 20 | 0.12 | 88 | <1 | 0.04 |
| M155691 | | <2 | 0.02 | <0.5 | 1 | 6 | 1 | 0.66 | <10 | <1 | 0.09 | 30 | 0.14 | 66 | <1 | 0.03 |
| M155692 | | <2 | 0.04 | <0.5 | 2 | 5 | 3 | 0.62 | <10 | <1 | 0.16 | 40 | 0.24 | 57 | <1 | 0.03 |
| M155693 | | <2 | 0.05 | <0.5 | 2 | 4 | 1 | 0.85 | <10 | <1 | 0.13 | 30 | 0.35 | 144 | <1 | 0.02 |
| M155694 | | <2 | 0.03 | <0.5 | 2 | 5 | 8 | 0.82 | <10 | <1 | 0.11 | 30 | 0.13 | 98 | <1 | 0.03 |
| M155695 | | <2 | 0.06 | <0.5 | 4 | 3 | 5 | 0.87 | <10 | <1 | 0.16 | 40 | 0.18 | 217 | <1 | 0.01 |
| M155696 | | 2 | 0.05 | <0.5 | 3 | 4 | 2 | 0.93 | <10 | <1 | 0.16 | 30 | 0.18 | 170 | <1 | 0.02 |
| M155697 | | 2 | 0.02 | <0.5 | 3 | 4 | 5 | 1.08 | <10 | <1 | 0.15 | 40 | 0.08 | 127 | <1 | 0.02 |
| M155698 | | <2 | 0.04 | <0.5 | 3 | 5 | 8 | 0.93 | <10 | <1 | 0.12 | 30 | 0.09 | 351 | <1 | 0.02 |
| M155699 | | <2 | 0.03 | <0.5 | 4 | 3 | 3 | 1.11 | <10 | <1 | 0.18 | 40 | 0.13 | 305 | <1 | 0.01 |
| M155700 | | <2 | 0.03 | <0.5 | 5 | 3 | 3 | 0.95 | <10 | <1 | 0.18 | 40 | 0.15 | 188 | <1 | 0.02 |
| M155701 | | <2 | 0.02 | <0.5 | 2 | 4 | 3 | 0.67 | <10 | <1 | 0.10 | 30 | 0.05 | 156 | <1 | 0.02 |
| M155702 | | <2 | 0.02 | <0.5 | 2 | 6 | 6 | 0.70 | <10 | <1 | 0.05 | 20 | 0.05 | 125 | <1 | 0.03 |
| M155703 | | <2 | 0.02 | <0.5 | 2 | 5 | 6 | 0.90 | <10 | <1 | 0.04 | 20 | 0.05 | 132 | <1 | 0.03 |
| M155704 | | <2 | 0.02 | <0.5 | 4 | 5 | 3 | 0.97 | <10 | <1 | 0.19 | 40 | 0.05 | 251 | <1 | 0.02 |
| M155705 | | <2 | 0.02 | <0.5 | 2 | 7 | 3 | 0.85 | <10 | <1 | 0.09 | 30 | 0.04 | 255 | <1 | 0.03 |
| M155705A | | 3 | 0.80 | 0.6 | 22 | 276 | 68 | 4.21 | 10 | <1 | 0.97 | 30 | 1.14 | 1270 | 2 | 0.11 |
| M155706 | | <2 | 0.01 | <0.5 | 2 | 5 | 4 | 0.81 | <10 | <1 | 0.07 | 30 | 0.03 | 138 | <1 | 0.04 |
| M155707 | | <2 | 0.02 | <0.5 | 2 | 3 | 6 | 0.76 | <10 | <1 | 0.12 | 40 | 0.05 | 136 | <1 | 0.02 |
| M155708 | | <2 | 0.03 | <0.5 | 2 | 4 | 4 | 0.83 | <10 | <1 | 0.21 | 30 | 0.06 | 81 | 1 | 0.03 |
| M155709 | | <2 | 0.04 | <0.5 | 2 | 6 | 3 | 0.90 | <10 | <1 | 0.12 | 30 | 0.03 | 170 | <1 | 0.03 |
| M155710 | | <2 | 0.09 | <0.5 | 4 | 4 | 2 | 0.98 | <10 | <1 | 0.19 | 30 | 0.17 | 174 | <1 | 0.02 |
| M155711 | | <2 | 0.04 | <0.5 | 3 | 4 | 2 | 0.76 | <10 | <1 | 0.24 | 40 | 0.11 | 119 | <1 | 0.01 |
| M155712 | | <2 | 0.21 | <0.5 | 3 | 5 | 3 | 1.08 | <10 | <1 | 0.14 | 20 | 0.15 | 211 | <1 | 0.03 |
| M155713 | | 2 | 0.03 | <0.5 | 2 | 7 | 2 | 1.11 | <10 | <1 | 0.13 | 30 | 0.05 | 75 | <1 | 0.03 |
| M155714 | | <2 | 0.22 | <0.5 | 3 | 5 | 2 | 1.20 | <10 | <1 | 0.20 | 30 | 0.05 | 239 | <1 | 0.03 |
| M155715 | | <2 | 0.09 | <0.5 | 3 | 6 | 4 | 1.02 | <10 | <1 | 0.14 | 20 | 0.08 | 174 | <1 | 0.03 |
| M155716 | | <2 | 0.08 | <0.5 | 2 | 6 | 3 | 0.85 | <10 | <1 | 0.16 | 20 | 0.09 | 119 | <1 | 0.03 |
| M155717 | | <2 | 0.05 | <0.5 | 1 | 8 | 3 | 0.89 | <10 | <1 | 0.06 | 20 | 0.06 | 107 | <1 | 0.04 |

Comments: NSS is non-sufficient sample.



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Project : 2-03-03

CERTIFICATE OF ANALYSIS VA03022961

| Sample Description | Method Analyte Units LOR | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 |
|--------------------|-----------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M155718 | | <2 | 0.30 | <0.5 | 2 | 5 | 4 | 0.92 | <10 | <1 | 0.18 | 30 | 0.15 | 225 | <1 | 0.03 |
| M155719 | | <2 | 0.23 | <0.5 | 2 | 7 | 3 | 0.78 | <10 | <1 | 0.14 | 30 | 0.11 | 124 | <1 | 0.03 |
| M155720 | | <2 | 0.31 | <0.5 | 2 | 7 | 7 | 0.95 | <10 | <1 | 0.11 | 10 | 0.11 | 222 | 1 | 0.04 |
| M155721 | | <2 | 0.10 | <0.5 | 1 | 10 | 9 | 0.76 | <10 | <1 | 0.05 | 10 | 0.03 | 100 | 1 | 0.04 |
| M155722 | | <2 | 0.13 | <0.5 | 1 | 10 | 4 | 0.83 | <10 | <1 | 0.07 | 20 | 0.03 | 158 | <1 | 0.04 |
| M155723 | | <2 | 0.13 | <0.5 | 1 | 8 | 6 | 0.96 | <10 | <1 | 0.12 | 20 | 0.05 | 113 | <1 | 0.04 |
| M155724 | | <2 | 0.24 | <0.5 | 3 | 9 | 3 | 1.05 | <10 | <1 | 0.10 | 20 | 0.16 | 239 | <1 | 0.04 |
| M155725 | | <2 | 0.22 | <0.5 | 6 | 6 | 2 | 0.87 | <10 | <1 | 0.28 | 40 | 0.30 | 150 | <1 | 0.02 |
| M155725A | | 2 | 0.79 | 0.6 | 22 | 272 | 67 | 4.17 | 10 | <1 | 0.97 | 30 | 1.13 | 1260 | 2 | 0.11 |
| M155726 | | <2 | 0.09 | <0.5 | 4 | 6 | 2 | 0.71 | <10 | <1 | 0.29 | 40 | 0.21 | 114 | <1 | 0.01 |
| M155727 | | <2 | 0.28 | <0.5 | 7 | 4 | 1 | 1.14 | <10 | <1 | 0.25 | 30 | 0.37 | 224 | <1 | 0.02 |
| M155728 | | <2 | 0.27 | <0.5 | 4 | 4 | 1 | 0.82 | <10 | <1 | 0.26 | 30 | 0.18 | 157 | <1 | 0.02 |
| M155729 | | <2 | 0.20 | <0.5 | 2 | 7 | 1 | 0.93 | <10 | <1 | 0.14 | 20 | 0.12 | 163 | <1 | 0.04 |
| M155730 | | <2 | 0.15 | <0.5 | 1 | 7 | 1 | 0.94 | <10 | <1 | 0.12 | 20 | 0.09 | 133 | <1 | 0.04 |
| M155731 | | <2 | 0.13 | <0.5 | 2 | 6 | 1 | 0.99 | <10 | <1 | 0.18 | 30 | 0.13 | 99 | <1 | 0.03 |
| M155732 | | <2 | 0.13 | <0.5 | 2 | 7 | 2 | 0.87 | <10 | <1 | 0.15 | 30 | 0.11 | 96 | <1 | 0.03 |
| M155733 | | <2 | 0.27 | <0.5 | 2 | 5 | 1 | 0.85 | <10 | <1 | 0.17 | 30 | 0.20 | 112 | <1 | 0.03 |
| M155734 | | <2 | 0.19 | <0.5 | 2 | 6 | 3 | 0.83 | <10 | <1 | 0.13 | 30 | 0.13 | 107 | <1 | 0.03 |
| M155735 | | <2 | 0.13 | <0.5 | 2 | 5 | 4 | 0.72 | <10 | <1 | 0.18 | 20 | 0.10 | 104 | <1 | 0.02 |
| M155736 | | <2 | 0.05 | <0.5 | 3 | 5 | 3 | 1.02 | <10 | <1 | 0.17 | 30 | 0.11 | 148 | <1 | 0.02 |
| M155737 | | <2 | 0.11 | <0.5 | 2 | 8 | 3 | 0.71 | <10 | <1 | 0.11 | 20 | 0.10 | 122 | 1 | 0.02 |
| M155738 | | <2 | 0.07 | <0.5 | 2 | 6 | 3 | 1.02 | <10 | <1 | 0.18 | 20 | 0.08 | 86 | <1 | 0.02 |
| M155739 | | <2 | 0.74 | <0.5 | 3 | 6 | 3 | 1.26 | <10 | <1 | 0.27 | 20 | 0.18 | 106 | 1 | 0.03 |
| M155740 | | <2 | 1.18 | <0.5 | 2 | 8 | 3 | 1.14 | <10 | <1 | 0.13 | 20 | 0.15 | 146 | <1 | 0.04 |
| M155741 | | <2 | 0.07 | <0.5 | 1 | 6 | 3 | 0.66 | <10 | <1 | 0.15 | 30 | 0.08 | 68 | <1 | 0.03 |
| M155742 | | <2 | 0.13 | <0.5 | 2 | 7 | 3 | 0.73 | <10 | <1 | 0.10 | 20 | 0.12 | 83 | <1 | 0.03 |
| M155743 | | <2 | 0.09 | <0.5 | 2 | 6 | 2 | 0.80 | <10 | <1 | 0.08 | 20 | 0.10 | 85 | <1 | 0.03 |
| M155744 | | <2 | 0.27 | <0.5 | 2 | 5 | 6 | 0.77 | <10 | <1 | 0.07 | 10 | 0.16 | 158 | <1 | 0.02 |
| M155745 | | 3 | 0.80 | 0.8 | 22 | 274 | 69 | 4.19 | 10 | <1 | 0.98 | 30 | 1.13 | 1260 | 2 | 0.12 |
| M155746 | | <2 | 0.17 | <0.5 | 1 | 7 | 3 | 0.60 | <10 | <1 | 0.05 | 40 | 0.08 | 154 | <1 | 0.03 |
| M155747 | | <2 | 0.14 | <0.5 | 1 | 7 | 7 | 0.49 | <10 | <1 | 0.06 | 10 | 0.06 | 224 | <1 | 0.03 |
| M155748 | | <2 | 0.06 | <0.5 | 1 | 6 | 8 | 0.53 | <10 | <1 | 0.11 | 20 | 0.06 | 101 | <1 | 0.03 |
| M155749 | | <2 | 0.03 | 0.7 | 1 | 6 | 9 | 0.54 | <10 | <1 | 0.09 | 10 | 0.05 | 122 | <1 | 0.03 |

Comments: NSS is non-sufficient sample.



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Page #: 2 - C
Total # of pages : 3 (A - C)
Date : 9-Jul-2003
Account: NJY

Project : 2-03-03

CERTIFICATE OF ANALYSIS VA03022961

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|----------------|---------------|----------------|----------------|
| | | Ni ppm 1 | P ppm 10 | Pb ppm 2 | S % 0.01 | Sb ppm 2 | Sc ppm 1 | Sr ppm 1 | Ti % 0.01 | Ti ppm 10 | U ppm 10 | V ppm 1 | W ppm 10 | Zn ppm 2 |
| M155680 | | 2 | 90 | 33 | 0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 62 |
| M155681 | | 1 | 70 | 7 | 0.01 | <2 | 1 | 11 | <0.01 | <10 | <10 | 2 | <10 | 32 |
| M155682 | | 2 | 100 | 53 | 0.01 | <2 | <1 | 29 | <0.01 | <10 | <10 | 2 | <10 | 45 |
| M155683 | | 3 | 140 | 74 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 3 | <10 | 65 |
| M155684 | | 3 | 130 | <2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 114 |
| M155685 | | 3 | 160 | 4 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 122 |
| M155685A | | 156 | 260 | 20 | 0.58 | 2 | 9 | 60 | 0.17 | <10 | <10 | 60 | 10 | 99 |
| M155686 | | 3 | 130 | 2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 29 |
| M155687 | | 1 | 70 | <2 | <0.01 | <2 | <1 | 4 | 0.01 | <10 | <10 | 2 | <10 | 4 |
| M155688 | | 3 | 120 | 6 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 3 | <10 | 10 |
| M155689 | | 1 | 80 | 2 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 8 |
| M155690 | | 1 | 60 | 2 | <0.01 | <2 | 1 | 2 | 0.01 | <10 | <10 | 2 | <10 | 6 |
| M155691 | | <1 | 80 | 2 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 5 |
| M155692 | | 2 | 110 | 2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 3 | <10 | 7 |
| M155693 | | 2 | 80 | 5 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 9 |
| M155694 | | 3 | 100 | 7 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 7 |
| M155695 | | 4 | 180 | 8 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 9 |
| M155696 | | 3 | 140 | 5 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 10 |
| M155697 | | 3 | 80 | 16 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 13 |
| M155698 | | 2 | 110 | 2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 10 |
| M155699 | | 3 | 120 | 2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 17 |
| M155700 | | 5 | 100 | 5 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 16 |
| M155701 | | 1 | 70 | 3 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| M155702 | | 1 | 60 | 9 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 8 |
| M155703 | | 1 | 50 | <2 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 9 |
| M155704 | | 3 | 100 | 4 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 16 |
| M155705 | | 1 | 80 | 4 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 11 |
| M155705A | | 156 | 270 | 22 | 0.60 | 3 | 10 | 61 | 0.17 | <10 | <10 | 61 | 10 | 97 |
| M155706 | | 1 | 80 | 2 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 9 |
| M155707 | | 2 | 120 | 12 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 11 |
| M155708 | | 2 | 100 | 2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 10 |
| M155709 | | 2 | 170 | 2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 9 |
| M155710 | | 4 | 90 | <2 | <0.01 | <2 | 1 | 12 | <0.01 | <10 | <10 | 2 | <10 | 15 |
| M155711 | | 4 | 130 | <2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 13 |
| M155712 | | 3 | 220 | 3 | <0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 11 |
| M155713 | | 2 | 60 | 2 | <0.01 | <2 | 1 | 6 | 0.01 | <10 | <10 | 3 | <10 | 4 |
| M155714 | | 4 | 160 | 3 | <0.01 | <2 | 1 | 5 | 0.01 | <10 | <10 | 3 | <10 | 12 |
| M155715 | | 4 | 80 | 6 | 0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 1 | <10 | 9 |
| M155716 | | 2 | 120 | <2 | 0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 7 |
| M155717 | | 1 | 80 | <2 | 0.05 | <2 | <1 | 7 | <0.01 | <10 | <10 | 1 | <10 | 6 |

Comments: NSS is non-sufficient sample.



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Page #: 3 - C
Total # of pages : 3 (A - C)
Date : 9-Jul-2003
Account: NJY

Project : 2-03-03

CERTIFICATE OF ANALYSIS VA03022961

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 | ME-ICP41 Ti % 0.01 | ME-ICP41 Ti ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 |
|--------------------|-----------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|
| M155718 | | 3 | 130 | 6 | 0.05 | <2 | 1 | 12 | <0.01 | <10 | <10 | 2 | <10 | 12 |
| M155719 | | 2 | 60 | 7 | 0.03 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 7 |
| M155720 | | 1 | 80 | 15 | 0.24 | <2 | 1 | 11 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| M155721 | | 1 | 60 | <2 | 0.01 | <2 | <1 | 8 | 0.01 | <10 | <10 | 2 | <10 | <2 |
| M155722 | | 1 | 120 | 2 | 0.01 | <2 | <1 | 6 | 0.01 | <10 | <10 | 2 | <10 | 2 |
| M155723 | | 1 | 160 | 10 | 0.01 | <2 | 1 | 11 | 0.01 | <10 | <10 | 2 | <10 | 3 |
| M155724 | | 3 | 50 | <2 | 0.01 | <2 | 1 | 19 | 0.01 | <10 | <10 | 3 | <10 | 4 |
| M155725 | | 7 | 320 | <2 | 0.01 | <2 | 1 | 15 | <0.01 | <10 | <10 | 3 | <10 | 11 |
| M155725A | | 155 | 270 | 20 | 0.59 | 4 | 10 | 60 | 0.17 | <10 | <10 | 60 | 10 | 96 |
| M155726 | | 4 | 190 | 2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 9 |
| M155727 | | 9 | 140 | 3 | <0.01 | <2 | 1 | 12 | 0.01 | <10 | <10 | 3 | <10 | 14 |
| M155728 | | 5 | 540 | 2 | <0.01 | <2 | 1 | 7 | 0.01 | <10 | <10 | 3 | <10 | 8 |
| M155729 | | 2 | 100 | <2 | 0.01 | <2 | 1 | 18 | 0.01 | <10 | <10 | 3 | <10 | 3 |
| M155730 | | 1 | 60 | <2 | 0.01 | <2 | <1 | 16 | 0.01 | <10 | <10 | 2 | <10 | 2 |
| M155731 | | 2 | 110 | 2 | <0.01 | <2 | 1 | 10 | 0.01 | <10 | <10 | 3 | <10 | 4 |
| M155732 | | 2 | 100 | <2 | 0.01 | <2 | <1 | 7 | 0.01 | <10 | <10 | 2 | <10 | 4 |
| M155733 | | 3 | 150 | <2 | 0.02 | <2 | 1 | 22 | <0.01 | <10 | <10 | 2 | <10 | 6 |
| M155734 | | 2 | 70 | 6 | 0.02 | <2 | 1 | 12 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| M155735 | | 2 | 200 | 5 | 0.02 | <2 | <1 | 6 | <0.01 | <10 | <10 | 1 | <10 | 7 |
| M155736 | | 3 | 110 | 17 | 0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 13 |
| M155737 | | 2 | 60 | 4 | 0.01 | <2 | <1 | 4 | <0.01 | <10 | <10 | 1 | <10 | 7 |
| M155738 | | 3 | 150 | 3 | 0.02 | <2 | <1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 9 |
| M155739 | | 5 | 2790 | 9 | 0.03 | <2 | 1 | 35 | <0.01 | <10 | <10 | 3 | <10 | 10 |
| M155740 | | 3 | 4520 | 2 | 0.01 | <2 | 1 | 27 | <0.01 | <10 | <10 | 2 | <10 | 7 |
| M155741 | | 1 | 70 | 3 | <0.01 | <2 | <1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 3 |
| M155742 | | 2 | 70 | 2 | <0.01 | <2 | <1 | 4 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| M155743 | | 1 | 90 | 3 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 8 |
| M155744 | | 1 | 50 | 10 | <0.01 | <2 | <1 | 5 | <0.01 | <10 | <10 | 1 | <10 | 13 |
| M155745 | | 154 | 270 | 23 | 0.60 | 2 | 10 | 61 | 0.18 | <10 | <10 | 61 | 10 | 98 |
| M155746 | | 1 | 70 | 29 | <0.01 | <2 | <1 | 4 | <0.01 | <10 | <10 | <1 | <10 | 7 |
| M155747 | | <1 | 40 | 23 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | <1 | <10 | 7 |
| M155748 | | <1 | 70 | 2 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| M155749 | | 1 | 60 | 23 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 40 |

Comments: NSS is non-sufficient sample.



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Page #: 1
Date : 11-Jul-2003
Account: NJY

CERTIFICATE VA03023297

Project : **Z-03-03**

P.O. No:

This report is for 46 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 2-Jul-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| CRU-21 | Crush entire sample 70% < 6 mm |
| PUL-21 | Pulverize entire sample |
| LOG-24 | Pulp Login - Rcd w/o Barcode |
| SCR-21 | Screen to -100 um |
| LOG-22 | Sample login - Rcd w/o BarCode |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Total # of pages : 3 (A - C)
Date : 11-Jul-2003
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Project : 2-03-03

CERTIFICATE OF ANALYSIS VA03023297

| Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 S ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| Sample Description | 0.02 | 0.05 | 0.05 | 0.05 | 0.001 | 0.01 | 0.1 | 0.01 | 0.01 | 0.2 | 0.01 | 2 | 10 | 10 | 0.5 |
| M155750 | 3.00 | 0.05 | 0.06 | 0.05 | 0.003 | 50.60 | 2879 | 0.05 | 0.05 | 0.2 | 0.25 | 10 | <10 | 80 | <0.5 |
| M155751 | 2.22 | <0.05 | <0.05 | <0.05 | <0.001 | 40.93 | 2114 | 0.03 | 0.01 | <0.2 | 0.26 | 3 | <10 | 70 | <0.5 |
| M155752 | 3.16 | <0.05 | <0.05 | <0.05 | <0.001 | 33.02 | 2879 | 0.04 | 0.04 | <0.2 | 0.34 | <2 | <10 | 210 | <0.5 |
| M155753 | 2.04 | <0.05 | <0.05 | <0.05 | <0.001 | 24.14 | 1963.0 | 0.03 | 0.01 | <0.2 | 0.25 | <2 | <10 | 1160 | <0.5 |
| M155754 | 2.50 | 0.09 | <0.05 | 0.10 | 0.001 | 36.91 | 2398 | 0.10 | 0.09 | 0.4 | 0.25 | 2 | <10 | 70 | <0.5 |
| M155755 | 3.44 | 0.06 | <0.05 | 0.06 | 0.002 | 50.66 | 3334 | 0.06 | 0.06 | <0.2 | 0.23 | 2 | <10 | 130 | <0.5 |
| M155756 | 2.34 | <0.05 | <0.05 | <0.05 | 0.001 | 39.27 | 2008 | 0.04 | 0.02 | <0.2 | 0.26 | 12 | <10 | 130 | <0.5 |
| M155757 | 2.44 | 0.52 | 1.17 | 0.51 | 0.044 | 37.53 | 2339 | 0.48 | 0.53 | <0.2 | 0.21 | 2 | <10 | 70 | <0.5 |
| M155758 | 3.02 | 0.18 | 0.52 | 0.18 | 0.027 | 51.72 | 2898 | 0.17 | 0.18 | <0.2 | 0.27 | 2 | <10 | 80 | <0.5 |
| M155759 | 2.44 | <0.05 | 0.12 | <0.05 | 0.005 | 41.50 | 2319 | 0.04 | 0.04 | <0.2 | 0.31 | 3 | <10 | 110 | <0.5 |
| M155760 | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 6.75 | 6.50 | 2.0 | 3.60 | 5660 | <10 | 80 | 2.2 |
| M155761 | 2.74 | <0.05 | <0.05 | <0.05 | <0.001 | 38.30 | 2635 | 0.01 | 0.06 | <0.2 | 0.30 | 5 | <10 | 230 | 0.6 |
| M155762 | 1.98 | <0.05 | <0.05 | <0.05 | <0.001 | 26.47 | 1896.5 | <0.01 | 0.01 | <0.2 | 0.28 | 2 | <10 | 230 | 0.6 |
| M155763 | 2.56 | <0.05 | <0.05 | <0.05 | <0.001 | 36.36 | 2468 | 0.01 | <0.01 | <0.2 | 0.28 | <2 | <10 | 290 | 0.6 |
| M155764 | 1.94 | <0.05 | <0.05 | <0.05 | <0.001 | 24.69 | 1875.0 | 0.01 | <0.01 | <0.2 | 0.25 | 2 | <10 | 130 | 0.5 |
| M155765 | 2.64 | <0.05 | <0.05 | <0.05 | <0.001 | 47.42 | 2523 | <0.01 | 0.01 | <0.2 | 0.28 | <2 | <10 | 390 | <0.5 |
| M155766 | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 2.06 | 2.06 | <0.2 | 0.78 | 2540 | 10 | 170 | 1.1 |
| M155767 | 2.68 | <0.05 | <0.05 | <0.05 | <0.001 | 30.34 | 2584 | 0.01 | 0.01 | <0.2 | 0.24 | 4 | <10 | 70 | <0.5 |
| M155768 | 2.16 | 0.08 | 0.46 | 0.07 | 0.020 | 43.07 | 2066 | 0.06 | 0.08 | <0.2 | 0.13 | <2 | <10 | 150 | <0.5 |
| M155769 | 1.32 | <0.05 | <0.05 | <0.05 | <0.001 | 29.93 | 1235.0 | 0.04 | 0.03 | <0.2 | 0.32 | <2 | <10 | 70 | 0.5 |
| M155770 | 1.22 | 0.18 | 0.17 | 0.18 | 0.006 | 34.41 | 1134.0 | 0.16 | 0.20 | <0.2 | 0.28 | 2 | <10 | 80 | <0.5 |
| M155771 | 1.50 | 0.14 | 0.26 | 0.14 | 0.009 | 34.84 | 1409.0 | 0.14 | 0.13 | <0.2 | 0.26 | <2 | <10 | 560 | <0.5 |
| M155772 | 1.24 | 0.17 | 1.62 | 0.13 | 0.054 | 33.26 | 1175.0 | 0.11 | 0.14 | <0.2 | 0.28 | <2 | <10 | 90 | <0.5 |
| M155773 | 1.22 | <0.05 | <0.05 | <0.05 | <0.001 | 32.59 | 1151.5 | 0.04 | 0.03 | <0.2 | 0.21 | 3 | <10 | 40 | <0.5 |
| M155774 | 1.46 | 0.10 | <0.05 | 0.11 | <0.001 | 48.64 | 1368.0 | 0.19 | 0.02 | <0.2 | 0.14 | <2 | <10 | 380 | <0.5 |
| M155775 | 1.60 | 0.10 | <0.05 | 0.10 | <0.001 | 32.66 | 1515.0 | 0.10 | 0.10 | 0.3 | 0.24 | 2 | <10 | 60 | <0.5 |
| M155776 | 1.94 | <0.05 | <0.05 | <0.05 | <0.001 | 32.41 | 1835.5 | 0.02 | 0.01 | <0.2 | 0.30 | <2 | <10 | 380 | <0.5 |
| M155777 | 2.36 | 0.21 | 0.09 | 0.21 | 0.003 | 32.07 | 2273 | 0.21 | 0.21 | <0.2 | 0.25 | 2 | <10 | 160 | <0.5 |
| M155778 | 2.18 | 0.27 | 0.32 | 0.27 | 0.013 | 41.22 | 2068 | 0.32 | 0.21 | 0.2 | 0.23 | <2 | <10 | 90 | <0.5 |
| M155779 | 2.58 | 0.23 | 0.29 | 0.23 | 0.011 | 37.47 | 2484 | 0.21 | 0.24 | <0.2 | 0.19 | <2 | <10 | 50 | <0.5 |
| M155780 | 2.86 | 0.35 | 0.54 | 0.35 | 0.022 | 40.61 | 2742 | 0.30 | 0.39 | <0.2 | 0.29 | <2 | <10 | 50 | <0.5 |
| M155781 | 2.18 | 0.14 | 0.45 | 0.14 | 0.015 | 33.63 | 2096 | 0.12 | 0.15 | <0.2 | 0.30 | 2 | <10 | 80 | <0.5 |
| M155782 | 2.26 | 0.09 | 0.26 | 0.09 | 0.009 | 34.47 | 2160 | 0.10 | 0.08 | <0.2 | 0.29 | <2 | <10 | 110 | <0.5 |
| M155783 | 1.54 | 0.38 | 0.86 | 0.37 | 0.034 | 39.61 | 1455.0 | 0.29 | 0.44 | <0.2 | 0.28 | <2 | <10 | 110 | <0.5 |
| M155784 | 1.26 | 0.28 | 1.23 | 0.26 | 0.041 | 33.45 | 1183.5 | 0.29 | 0.22 | <0.2 | 0.21 | 3 | <10 | 70 | <0.5 |
| M155785 | 0.96 | 0.35 | 2.61 | 0.28 | 0.083 | 31.78 | 896.9 | 0.24 | 0.31 | <0.2 | 0.30 | 2 | <10 | 50 | <0.5 |
| M155786 | 2.70 | <0.05 | <0.05 | <0.05 | <0.001 | 34.77 | 2617 | 0.01 | 0.04 | <0.2 | 0.12 | 2 | <10 | 70 | <0.5 |
| M155787 | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 2.98 | 2.93 | <0.2 | 0.84 | 2450 | 10 | 150 | 1.2 |
| M155788 | 2.76 | <0.05 | <0.05 | <0.05 | <0.001 | 33.13 | 2668 | 0.01 | <0.01 | <0.2 | 0.11 | 8 | <10 | 330 | <0.5 |
| M155789 | 2.38 | <0.05 | <0.05 | <0.05 | <0.001 | 20.16 | 2332 | 0.01 | <0.01 | <0.2 | 0.13 | 2 | <10 | 90 | <0.5 |

Comments: NSS is non-sufficient sample.



ALS Chemex

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104-135 10TH AVE S
CRANBROOK BC V1C 2N1

Page #: 3 - A
Total # of pages : 3 (A - C)
Date : 11-Jul-2003
Account: NJY

Project : 2-03-03

CERTIFICATE OF ANALYSIS VA03023297

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M155790 | | 2.16 | <0.05 | <0.05 | <0.05 | <0.001 | 6.87 | 2100 | 0.01 | <0.01 | <0.2 | 0.20 | <2 | <10 | 120 | <0.5 |
| M155791 | | 2.70 | <0.05 | <0.05 | <0.05 | <0.001 | 26.10 | 2629 | 0.01 | <0.01 | <0.2 | 0.17 | <2 | <10 | 440 | <0.5 |
| M155792 | | 2.50 | <0.05 | <0.05 | <0.05 | <0.001 | 24.27 | 2441 | 0.01 | <0.01 | <0.2 | 0.31 | 2 | <10 | 80 | <0.5 |
| M155793 | | 2.94 | <0.05 | <0.05 | <0.05 | <0.001 | 28.99 | 2853 | 0.05 | 0.03 | <0.2 | 0.21 | <2 | <10 | 330 | <0.5 |
| M155794 | | 1.86 | <0.05 | <0.05 | <0.05 | <0.001 | 6.43 | 1818.5 | 0.01 | 0.01 | <0.2 | 0.23 | 2 | <10 | 170 | <0.5 |
| M155795 | | 2.52 | <0.05 | 0.51 | <0.05 | 0.008 | 15.65 | 2451 | 0.02 | 0.01 | <0.2 | 0.38 | <2 | <10 | 140 | <0.5 |

Comments: NSS is non-sufficient sample.



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Page #: 2 - B
Total # of pages : 3 (A - C)
Date : 11-Jul-2003
Account: NJY

Project : 2-03-03

CERTIFICATE OF ANALYSIS VA03023297

| Sample Description | Method Analyte Units LOR | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 |
|--------------------|-----------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M155750 | | <2 | 0.03 | 0.7 | 1 | 5 | 9 | 0.35 | <10 | <1 | 0.19 | 10 | 0.03 | 168 | <1 | 0.02 |
| M155751 | | <2 | 0.04 | 1.9 | 2 | 5 | 10 | 0.59 | <10 | <1 | 0.16 | 30 | 0.05 | 172 | <1 | 0.02 |
| M155752 | | <2 | 0.28 | <0.5 | 5 | 3 | 4 | 0.73 | <10 | <1 | 0.24 | 30 | 0.18 | 667 | <1 | 0.02 |
| M155753 | | <2 | 0.36 | 0.5 | 2 | 4 | 8 | 0.80 | <10 | 1 | 0.13 | 20 | 0.17 | 760 | <1 | 0.04 |
| M155754 | | <2 | 0.23 | 2.4 | 3 | 3 | 41 | 0.70 | <10 | 1 | 0.19 | 20 | 0.14 | 520 | <1 | 0.02 |
| M155755 | | <2 | 0.23 | <0.5 | 4 | 4 | 9 | 0.79 | <10 | <1 | 0.19 | 30 | 0.19 | 313 | <1 | 0.02 |
| M155756 | | <2 | 0.18 | <0.5 | 5 | 4 | 6 | 0.95 | <10 | <1 | 0.23 | 40 | 0.25 | 289 | <1 | 0.02 |
| M155757 | | <2 | 0.16 | <0.5 | 3 | 5 | 5 | 0.82 | <10 | <1 | 0.19 | 20 | 0.13 | 172 | <1 | 0.02 |
| M155758 | | <2 | 0.23 | <0.5 | 4 | 4 | 2 | 1.20 | <10 | <1 | 0.24 | 30 | 0.23 | 402 | <1 | 0.01 |
| M155759 | | <2 | 0.10 | <0.5 | 4 | 3 | 1 | 1.16 | <10 | <1 | 0.26 | 40 | 0.22 | 309 | <1 | 0.01 |
| M155760 | | 3 | 0.86 | <0.5 | 23 | 311 | 70 | 4.53 | 10 | <1 | 1.11 | 30 | 1.22 | 1385 | 2 | 0.12 |
| M155761 | | <2 | 0.20 | <0.5 | 2 | 3 | 2 | 0.57 | <10 | <1 | 0.26 | 40 | 0.12 | 347 | <1 | 0.01 |
| M155762 | | <2 | 0.17 | <0.5 | 3 | 2 | 1 | 0.61 | <10 | <1 | 0.24 | 40 | 0.31 | 254 | <1 | 0.01 |
| M155763 | | <2 | 0.16 | <0.5 | 4 | 2 | 1 | 0.64 | <10 | <1 | 0.23 | 40 | 0.35 | 247 | <1 | 0.01 |
| M155764 | | <2 | 0.34 | <0.5 | 4 | 4 | 1 | 0.85 | <10 | <1 | 0.21 | 40 | 0.37 | 337 | <1 | 0.01 |
| M155765 | | <2 | 0.34 | <0.5 | 4 | 3 | 1 | 0.78 | <10 | <1 | 0.23 | 30 | 0.40 | 317 | <1 | 0.02 |
| M155766 | | <2 | 0.02 | <0.5 | 2 | 38 | 34 | 2.81 | <10 | <1 | 0.34 | 40 | 0.03 | 41 | 3 | 0.01 |
| M155767 | | <2 | 0.08 | <0.5 | 4 | 5 | 1 | 0.96 | <10 | <1 | 0.20 | 40 | 0.20 | 236 | 1 | 0.03 |
| M155768 | | <2 | 0.03 | <0.5 | 2 | 6 | 3 | 0.94 | <10 | <1 | 0.10 | 20 | 0.09 | 188 | <1 | 0.03 |
| M155769 | | <2 | 0.39 | 1.1 | 4 | 4 | 4 | 0.59 | <10 | <1 | 0.28 | 40 | 0.21 | 463 | <1 | 0.02 |
| M155770 | | <2 | 0.22 | 0.8 | 4 | 5 | 12 | 0.79 | <10 | <1 | 0.25 | 30 | 0.12 | 398 | <1 | 0.01 |
| M155771 | | <2 | 0.14 | <0.5 | 3 | 4 | 18 | 0.74 | <10 | <1 | 0.23 | 30 | 0.12 | 410 | 1 | 0.03 |
| M155772 | | <2 | 0.27 | <0.5 | 4 | 5 | 29 | 0.78 | <10 | <1 | 0.24 | 30 | 0.18 | 534 | <1 | 0.02 |
| M155773 | | <2 | 0.25 | <0.5 | 2 | 5 | 24 | 0.57 | <10 | 1 | 0.18 | 20 | 0.12 | 457 | <1 | 0.03 |
| M155774 | | <2 | 0.22 | <0.5 | 1 | 6 | 21 | 0.58 | <10 | <1 | 0.12 | 20 | 0.10 | 454 | <1 | 0.03 |
| M155775 | | <2 | 0.14 | 3.2 | 3 | 4 | 53 | 0.70 | <10 | <1 | 0.23 | 20 | 0.09 | 406 | <1 | 0.02 |
| M155776 | | <2 | 0.19 | <0.5 | 2 | 6 | 2 | 0.60 | <10 | <1 | 0.26 | 30 | 0.16 | 251 | <1 | 0.03 |
| M155777 | | <2 | 0.33 | <0.5 | 8 | 5 | 8 | 1.52 | <10 | <1 | 0.22 | 30 | 0.36 | 597 | <1 | 0.02 |
| M155778 | | <2 | 0.27 | <0.5 | 3 | 7 | 5 | 0.79 | <10 | <1 | 0.20 | 10 | 0.14 | 339 | <1 | 0.02 |
| M155779 | | <2 | 0.06 | <0.5 | 2 | 6 | 4 | 0.84 | <10 | <1 | 0.18 | 10 | 0.03 | 82 | 1 | <0.01 |
| M155780 | | <2 | 0.34 | <0.5 | 7 | 5 | 55 | 1.42 | <10 | <1 | 0.25 | 20 | 0.25 | 471 | <1 | 0.02 |
| M155781 | | <2 | 0.18 | <0.5 | 2 | 4 | 6 | 0.51 | <10 | 1 | 0.27 | 20 | 0.10 | 174 | <1 | 0.01 |
| M155782 | | <2 | 0.19 | <0.5 | 3 | 3 | 4 | 0.44 | <10 | <1 | 0.26 | 30 | 0.12 | 166 | <1 | 0.02 |
| M155783 | | <2 | 0.02 | <0.5 | 3 | 5 | 9 | 0.76 | <10 | <1 | 0.23 | 30 | 0.03 | 365 | <1 | 0.02 |
| M155784 | | <2 | 0.02 | <0.5 | 2 | 6 | 10 | 0.86 | <10 | <1 | 0.16 | 20 | 0.02 | 106 | <1 | 0.02 |
| M155785 | | <2 | 0.14 | <0.5 | 3 | 5 | 6 | 0.85 | <10 | <1 | 0.25 | 20 | 0.07 | 224 | <1 | 0.02 |
| M155786 | | <2 | 0.16 | <0.5 | 1 | 10 | 7 | 0.92 | <10 | <1 | 0.07 | 10 | 0.05 | 196 | 1 | 0.05 |
| M155787 | | <2 | 0.02 | <0.5 | 3 | 42 | 38 | 3.17 | <10 | <1 | 0.35 | 40 | 0.04 | 47 | 3 | 0.01 |
| M155788 | | <2 | 0.22 | <0.5 | 1 | 10 | 8 | 0.86 | <10 | <1 | 0.06 | 10 | 0.08 | 256 | <1 | 0.05 |
| M155789 | | <2 | 0.18 | <0.5 | 1 | 9 | 5 | 0.88 | <10 | <1 | 0.07 | 10 | 0.06 | 206 | <1 | 0.05 |

Comments: NSS is non-sufficient sample.



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104-135 10TH AVE S
CRANBROOK BC V1C 2N1

Page #: 2 - C
Total # of pages : 3 (A - C)
Date : 11-Jul-2003
Account: NJY

Project : 2-03-03

CERTIFICATE OF ANALYSIS VA03023297

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 | ME-ICP41 Ti % 0.01 | ME-ICP41 Ti ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 |
|--------------------|-----------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|
| M155750 | | 3 | 150 | 135 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 162 |
| M155751 | | 3 | 170 | 32 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 108 |
| M155752 | | 4 | 140 | 29 | 0.19 | <2 | 1 | 11 | <0.01 | <10 | <10 | 2 | <10 | 25 |
| M155753 | | 1 | 70 | 33 | 0.08 | <2 | 1 | 28 | <0.01 | <10 | <10 | 1 | <10 | 33 |
| M155754 | | 3 | 90 | 132 | 0.28 | <2 | <1 | 8 | <0.01 | <10 | <10 | 1 | <10 | 176 |
| M155755 | | 5 | 150 | 3 | 0.10 | <2 | 1 | 12 | <0.01 | <10 | <10 | 2 | <10 | 22 |
| M155756 | | 5 | 140 | 2 | 0.03 | <2 | 1 | 9 | <0.01 | <10 | <10 | 2 | <10 | 13 |
| M155757 | | 3 | 140 | 20 | 0.32 | <2 | <1 | 8 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| M155758 | | 5 | 320 | <2 | 0.09 | <2 | 1 | 9 | <0.01 | <10 | <10 | 2 | <10 | 18 |
| M155759 | | 5 | 210 | 2 | 0.02 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 18 |
| M155760 | | 160 | 260 | 24 | 0.60 | 5 | 10 | 72 | 0.18 | <10 | <10 | 67 | 10 | 100 |
| M155761 | | 3 | 350 | 34 | 0.02 | <2 | 1 | 11 | <0.01 | <10 | <10 | 2 | <10 | 8 |
| M155762 | | 3 | 150 | 2 | 0.01 | <2 | 1 | 15 | <0.01 | <10 | <10 | 1 | <10 | 11 |
| M155763 | | 4 | 210 | <2 | 0.01 | <2 | 1 | 17 | <0.01 | <10 | <10 | 2 | <10 | 13 |
| M155764 | | 4 | 140 | <2 | <0.01 | <2 | 1 | 11 | <0.01 | <10 | <10 | 2 | <10 | 14 |
| M155765 | | 4 | 170 | 2 | 0.01 | <2 | 1 | 16 | <0.01 | <10 | <10 | 2 | <10 | 17 |
| M155766 | | 6 | 260 | 29 | 0.02 | 104 | 8 | 79 | <0.01 | <10 | <10 | 11 | <10 | 15 |
| M155767 | | 3 | 160 | 4 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 21 |
| M155768 | | 1 | 110 | <2 | 0.03 | <2 | <1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 12 |
| M155769 | | 4 | 150 | 52 | 0.13 | <2 | 1 | 15 | <0.01 | <10 | <10 | 2 | <10 | 88 |
| M155770 | | 3 | 120 | 112 | 0.37 | <2 | 1 | 9 | <0.01 | <10 | <10 | 2 | <10 | 57 |
| M155771 | | 2 | 130 | 4 | 0.26 | <2 | 1 | 9 | <0.01 | <10 | <10 | 2 | <10 | 11 |
| M155772 | | 4 | 140 | 12 | 0.17 | <2 | 1 | 9 | <0.01 | <10 | <10 | 2 | <10 | 12 |
| M155773 | | 1 | 160 | 18 | 0.08 | <2 | 1 | 8 | <0.01 | <10 | <10 | 1 | <10 | 12 |
| M155774 | | 1 | 60 | 4 | 0.16 | 2 | <1 | 9 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| M155775 | | 3 | 70 | 124 | 0.36 | <2 | <1 | 5 | <0.01 | <10 | <10 | 1 | <10 | 252 |
| M155776 | | 3 | 270 | 8 | 0.03 | <2 | 1 | 22 | <0.01 | <10 | <10 | 2 | <10 | 11 |
| M155777 | | 8 | 170 | 9 | 0.17 | <2 | 1 | 11 | <0.01 | <10 | <10 | 3 | <10 | 17 |
| M155778 | | 3 | 120 | 15 | 0.35 | <2 | 1 | 11 | <0.01 | <10 | <10 | 2 | <10 | 5 |
| M155779 | | 2 | 80 | 15 | 0.56 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 2 |
| M155780 | | 7 | 150 | 14 | 0.42 | <2 | 1 | 11 | <0.01 | <10 | <10 | 3 | <10 | 15 |
| M155781 | | 2 | 120 | 11 | 0.23 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 3 |
| M155782 | | 3 | 290 | 197 | 0.14 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 5 |
| M155783 | | 3 | 130 | 9 | 0.02 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 6 |
| M155784 | | 1 | 80 | 7 | 0.09 | <2 | <1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 7 |
| M155785 | | 2 | 110 | 8 | 0.31 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 5 |
| M155786 | | 1 | 50 | 4 | <0.01 | <2 | <1 | 4 | 0.01 | <10 | <10 | 2 | <10 | 2 |
| M155787 | | 7 | 280 | 34 | 0.02 | 103 | 8 | 82 | <0.01 | <10 | <10 | 12 | <10 | 16 |
| M155788 | | <1 | 50 | 3 | 0.01 | <2 | 1 | 7 | 0.01 | <10 | <10 | 2 | <10 | 2 |
| M155789 | | 1 | 60 | 5 | <0.01 | <2 | 1 | 4 | 0.01 | <10 | <10 | 2 | <10 | 2 |

Comments: NSS is non-sufficient sample.



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Page # : 3 - C
Total # of pages : 3 (A - C)
Date : 11-Jul-2003
Account: NJY

Project : 2-03-03

CERTIFICATE OF ANALYSIS VA03023297

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|-----------|----------|-----------|----------|----------|----------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Ti | U | V | W | Zn |
| | | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 | ppm 1 | ppm 1 | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| M155790 | | 2 | 70 | 4 | <0.01 | <2 | 1 | 6 | 0.01 | <10 | <10 | 3 | <10 | 5 |
| M155791 | | 1 | 90 | 3 | 0.01 | <2 | 1 | 13 | 0.01 | <10 | <10 | 2 | <10 | 5 |
| M155792 | | 3 | 200 | 3 | <0.01 | <2 | 1 | 6 | 0.01 | <10 | <10 | 3 | <10 | 7 |
| M155793 | | 6 | 130 | 14 | 0.01 | <2 | 1 | 19 | 0.01 | <10 | <10 | 2 | <10 | 17 |
| M155794 | | 8 | 110 | 2 | <0.01 | <2 | 1 | 18 | <0.01 | <10 | <10 | 2 | <10 | 23 |
| M155795 | | 4 | 370 | 12 | <0.01 | <2 | 1 | 9 | <0.01 | <10 | <10 | 3 | <10 | 22 |
| | | | | | | | | | | | | | | |

Comments: NSS is non-sufficient sample.

ZINGER DRILLOG Z03-4 CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z03-4

LENGTH: 190.9 M.

| | | | |
|--------------------------|-----------------------------|---------------------------|-------------------------------|
| PROPERTY: ZINGER | | HORI. COMP: 134.98 meters | DRILL CONTRACTOR: Lone Ranger |
| LOCATION: Near Old Cabin | | VERT. COMP: 134.98 meters | |
| COMMENCED: June 28, 2003 | COMPLETED: July 1, 2003 | CORR. DIP: -45° | CORE SIZE: NQ |
| COORDS: Long. | Lat. | TRUE BEARING: 290° | CASING: 2.2 meters |
| COORDS: UTM (E) | (N) (EL) | % RECOVERY: | CORE STORAGE: Vine property |
| COORDS: Grid (E) | (N) (EL) | LOGGED DATE: July 2003 | |
| ELEVATION: 2040 meters | COLLAR: Dip: -45° Azi: 290° | LOGGED BY: DL Pighin | |
| OBJECTIVE: | | | |
| SURVEYS: Depth: | Dip: Azi: | Type: | |
| ADDITIONAL SURVEYS: | | | |
| Depth: | Dip: Azi: | | |

| From | To | LITHOLOGY: Argillite, rare thin siltstone interbeds. |
|------|------|--|
| 2.2 | 40.0 | COLOR: Argillite is mainly gray with thin wispy dark gray laminations, some olive gray beds. |
| | | PRIMARY STRUCTURE: Thin to very thin bedded, bedding distinct, and distorted due to cleavage. |
| | | At 9.0 meters bedding is 24° to core. |
| | | TECTONIC STRUCTURE: Cleavage distorts the thin argillite beds to thin lenses and small recumbent folds, cleavage is subparallel to bedding. |
| | | GENERAL ALTERATION: Argillites are strongly sericite, locally altered to sericitic phyllite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Thin limonite and quartz veinlets rarely more than 10 mm. thick are widely scattered through-out this interval. These veinlets cut core at 39° and 15° most of the limonite appears to be after pyrite. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|----|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 2 | 3 | | Thin limonite-quartz veinlets are very widely scattered throughout this interval. | M 155796 | | <0.05 | <0.2 | 4 | 14 | 17 | 3 |
| 3 | 4 | | Thin limonite-quartz veinlets are very widely scattered throughout this interval. | M 155797 | | <0.05 | 0.2 | 4 | 10 | 29 | 4 |
| 4 | 5 | | Thin limonite-quartz veinlets are very widely scattered throughout this interval. | M 155798 | | <0.05 | <0.2 | <2 | 15 | 14 | 2 |
| 5 | 6 | | Thin limonite-quartz veinlets are very widely scattered throughout this interval. | M 155799 | | <0.05 | 0.3 | 3 | 17 | 13 | 2 |
| 6 | 7 | | Thin limonite-quartz veinlets are very widely scattered throughout this interval. | M 155800 | | <0.05 | <0.2 | <2 | 37 | 20 | 14 |
| 7 | 8 | | Thin limonite-quartz veinlets are very widely scattered throughout this interval. | M 155801 | | <0.05 | 0.2 | <2 | 150 | 98 | 47 |

ZINGER DRILLOG Z03-4 CHAPLEAU RESOURCES LTD.
HOLE #: Z03-4
DRILL HOLE RECORD
LENGTH: 190.9 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb pm | Zn ppm | Cu ppm |
|------|----|------------|---|------------|-------|--------|--------|--------|-------|--------|--------|
| 8 | 9 | | Thin limonite-quartz veinlets are very widely scattered throughout this interval. | M 155802 | | <0.05 | <0.2 | <2 | 19 | 160 | 40 |
| 9 | 10 | | Thin limonite-quartz veinlets are very widely scattered throughout this interval. | M 155803 | | <0.05 | 1.6 | <2 | 194 | 130 | 207 |
| 10 | 11 | | Thin limonite-quartz veinlets are very widely scattered throughout this interval. | M 155804 | | 0.22 | 3 | <2 | 333 | 153 | 176 |
| 11 | 12 | | Thin limonite-quartz veinlets are very widely scattered throughout this interval. | M 155805 | | <0.05 | 0.3 | <2 | 39 | 113 | 67 |
| 12 | 13 | | Thin limonite-quartz veinlets are very widely scattered throughout this interval. | M 155806 | | <0.05 | <0.2 | <2 | 61 | 240 | 65 |
| 13 | 14 | | Thin limonite-quartz veinlets are very widely scattered throughout this interval. | M 155807 | | <0.05 | <0.2 | <2 | 7 | 41 | 1 |
| 14 | 15 | | Thin limonite-quartz veinlets are very widely scattered throughout this interval. | M 155808 | | <0.05 | <0.2 | <2 | 6 | 21 | 3 |
| 15 | 16 | | Thin limonite-quartz veinlets are very widely scattered throughout this interval. | M 155809 | | <0.05 | <0.2 | <2 | 5 | 14 | 1 |
| 16 | 17 | | Thin limonite-quartz veinlets are very widely scattered throughout this interval. | M 155810 | | <0.05 | <0.2 | <2 | 4 | 15 | 2 |
| 17 | 18 | | Thin limonite-quartz veinlets are very widely scattered throughout this interval. | M 155811 | | <0.05 | <0.2 | <2 | 5 | 19 | 3 |
| 18 | 19 | | Thin limonite-quartz veinlets are very widely scattered throughout this interval. | M 155812 | | <0.05 | <0.2 | <2 | 2 | 34 | 3 |
| STND | | | 7 PA | M 155813 | | NSS | 0.6 | 2470 | 29 | 15 | 34 |
| 19 | 20 | | Thin limonite-quartz veinlets are very widely scattered throughout this interval. | M 155814 | | <0.05 | <0.2 | 5 | 4 | 20 | 4 |
| 20 | 21 | | Thin limonite-quartz veinlets are very widely scattered throughout this interval. | M 155815 | | <0.05 | <0.2 | 3 | 6 | 12 | 4 |
| 21 | 22 | | Thin limonite-quartz veinlets are very widely scattered throughout this interval. | M 155816 | | <0.05 | <0.2 | <2 | 6 | 17 | 18 |
| 22 | 23 | | Thin limonite-quartz veinlets are very widely scattered throughout this interval. | M 155817 | | 0.11 | 0.4 | <2 | 55 | 17 | 69 |
| 23 | 24 | | Thin limonite-quartz veinlets are very widely scattered throughout this interval. | M 155818 | | 0.08 | <0.2 | 2 | 11 | 13 | 6 |
| 24 | 25 | | Thin limonite-quartz veinlets are very widely scattered throughout this interval. | M 155819 | | 4.99 | <0.2 | 2 | 8 | 18 | 14 |
| 25 | 26 | | Thin limonite-quartz veinlets are very widely scattered throughout this interval. | M 155820 | | <0.05 | <0.2 | <2 | 13 | 14 | 9 |

ZINGER DRILLOG Z03-4 CHAPLEAU RESOURCES LTD.
HOLE #: Z03-4
DRILL HOLE RECORD
LENGTH: 190.9 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|----|------------|---|-------------|-------|--------|--------|--------|--------|--------|--------|
| 26 | 27 | | Thin limonite-quartz veinlets are very widely scattered throughout this interval. | M 155821 | | 0.45 | <0.2 | 2 | 5 | 10 | 9 |
| 27 | 28 | | Thin limonite-quartz veinlets are very widely scattered throughout this interval. | M 155822 | | <0.05 | <0.2 | <2 | 8 | 10 | 10 |
| 28 | 29 | | Thin limonite-quartz veinlets are very widely scattered throughout this interval. | M 155823 | | <0.05 | <0.2 | <2 | 10 | 8 | 8 |
| 29 | 30 | | Thin limonite-quartz veinlets are very widely scattered throughout this interval. | M 155824 | | <0.05 | <0.2 | <2 | 6 | 9 | 7 |
| 30 | 31 | | Thin limonite-quartz veinlets are very widely scattered throughout this interval. | M 155825 | | <0.05 | <0.2 | <2 | 9 | 7 | 8 |
| 31 | 32 | | Thin limonite-quartz veinlets are very widely scattered throughout this interval. | M 155826 | | <0.05 | <0.2 | <2 | 18 | 11 | 3 |
| 32 | 33 | | Thin limonite-quartz veinlets are very widely scattered throughout this interval. | M 155827 | | <0.05 | <0.2 | <2 | 7 | 9 | 2 |
| 33 | 34 | | Thin limonite-quartz veinlets are very widely scattered throughout this interval. | M 155828 | | <0.05 | <0.2 | <2 | 6 | 10 | 2 |
| STND | | | | 109M 155829 | | <0.05 | 1.8 | 5660 | 23 | 98 | 68 |
| 34 | 35 | | Thin limonite-quartz veinlets are very widely scattered throughout this interval. | M 155830 | | <0.05 | <0.2 | 9 | <2 | 19 | 1 |
| 35 | 36 | | Thin limonite-quartz veinlets are very widely scattered throughout this interval. | M 155831 | | <0.05 | <0.2 | <2 | <2 | 79 | 1 |
| 36 | 37 | | Thin limonite-quartz veinlets are very widely scattered throughout this interval. | M 155832 | | <0.05 | <0.2 | <2 | 3 | 73 | 2 |
| 37 | 38 | | Thin limonite-quartz veinlets are very widely scattered throughout this interval. | M 155833 | | <0.05 | <0.2 | 2 | <2 | 35 | <1 |
| 38 | 39 | | Thin limonite-quartz veinlets are very widely scattered throughout this interval. | M 155834 | | <0.05 | <0.2 | <2 | 2 | 18 | 1 |
| 39 | 40 | | Thin limonite-quartz veinlets are very widely scattered throughout this interval. | M 155835 | | <0.05 | <0.2 | <2 | 4 | 15 | 1 |

ZINGER DRILLOG Z03-4 CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z03-4
LENGTH: 190.9 M.

| From | To | LITHOLOGY: Hematitic argillite interbedded hematitic siltstone and quartzite unit is 65% argillite. |
|------|------|---|
| 40.0 | 59.0 | COLOR: Argillite and siltstone, gray with dark purplish gray lineation, maroon quartzites. |
| | | PRIMARY STRUCTURE: Generally thin to very thin bedded???? There are some medium beds of quartzite bedding is distinct, wavy and lenticular, soft sediment deformation common throughout section. Quartzites, have a unique fine purple crenulated lineation. Bedding to core axis at 59° = 31° |
| | | TECTONIC STRUCTURE: NIL |
| | | GENERAL ALTERATION: Sediments are sericitic and hematitic, sericite is regional and hematitization is early diagenetic and occurs in the argillite as small wispy dark purple lenses and in quartzites and dark maroon crenulated lineation. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|--|------------|-------|-----------|-----------|-----------|-----------|-----------|-----------|
| 66.5 | 67.5 | | Widely scattered thin veinlets parallel to bedding weak pyrite mineralization. | M 155836 | | 0.06 | <0.2 | <2 | 21 | 20 | 8 |
| 67.5 | 68.5 | | Widely scattered thin veinlets parallel to bedding weak pyrite mineralization. | M 155837 | | <0.05 | <0.2 | 2 | 3 | 21 | 2 |
| 68.5 | 69.5 | | Widely scattered thin veinlets parallel to bedding weak pyrite mineralization. | M 155838 | | <0.05 | <0.2 | <2 | 4 | 13 | 5 |
| 69.5 | 70.5 | | Widely scattered thin veinlets parallel to bedding weak pyrite mineralization. | M 155839 | | <0.05 | <0.2 | <2 | 2 | 9 | 1 |
| 70.5 | 71.5 | | Widely scattered thin veinlets parallel to bedding weak pyrite mineralization, best pyrite mineralization in this section. | M 155840 | | 1.54 | 0.2 | 5 | 19 | 10 | 5 |

ZINGER DRILLOG Z03-4 CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z03-4

LENGTH: 190.9 M.

| From | To | LITHOLOGY: Quartzite minor argillite (less than 2% argillite). |
|------|------|--|
| 59.0 | 72.0 | COLOR: Light gray, light greenish gray, and gray quartzite, rare light green argillite. |
| | | PRIMARY STRUCTURE: Mainly thin to very thin bedded, rare medium beds, bedding is sharp – flat, to sharp and wavy. Quartzites are very fine grained, argillite beds are wispy laminated and commonly distorted by soft sediment deformation. Bedding at 59.0 m = 45° to core axis. |
| | | TECTONIC STRUCTURE: Thin veinlets and lenses of quartz - dolomite are generally parallel to bedding, thin quartz – dolomite lense cut core at 33°. |
| | | GENERAL ALTERATION: Quartzites are intensely silicified and sericitized. White and yellowish green, sericite forms thin wispy lamina in quartzite. Thin argillite beds are totally altered to yellowish green sericite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Pyrite occurs weakly in quartz – dolomite veinlets and is weakly disseminated in quartzite. Best pyrite mineralization is between 70.5 and 71.5 m. here pyrite is most abundant in the sediments. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | LITHOLOGY: Mainly hematitic quartzite, lesser green quartzite, with thin argillite interbeds (unit is less than 20% argillite). |
|------|-------|--|
| 72.0 | 121.0 | COLOR: Grey to purplish gray and light green quartzites, interbedded light green argillite. |
| | | PRIMARY STRUCTURE: Medium to thin, some very thin bedded units; bedding is sharp and strongly distorted by soft sediment deformation, such structures as Ball and Pillow, soft sediment slump folds, are well developed in argillite beds. Quartzite beds are very fine grained, parallel laminated. Bedding to core axis at 90.0 = 40°, @ 118 = 38°. |
| | | TECTONIC STRUCTURE: NIL |
| | | GENERAL ALTERATION: Quartzite, are silicified and sericitic. Quartzite are commonly hematitic. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: NIL. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 71.5 | 72.5 | | Widely scattered thin veinlets parallel to bedding weak pyrite mineralization. | M 155841 | | 0.21 | <0.2 | 6 | 15 | 17 | 6 |
| 121 | 122 | | | M 155842 | | <0.05 | <0.2 | <2 | 14 | 12 | 55 |

ZINGER DRILLOG Z03-4 CHAPLEAU RESOURCES LTD.
HOLE #: Z03-4
DRILL HOLE RECORD
LENGTH: 190.9 M.

| From | To | LITHOLOGY: Quartzite interbedded argillite (unit is 40% argillite). |
|-------|-------|--|
| 121.0 | 125.0 | COLOR: Light gray to light greenish gray quartzite and light green argillite. |
| | | PRIMARY STRUCTURE: Thin to very thin bedded, bedding is sharp, generally flat rarely wavy. Quartzites are very fine grained, argillites are finely parallel and wavy laminated. |
| | | TECTONIC STRUCTURE: Quartz veinlets cut core axis at 12°, 28°, and 22°. |
| | | GENERAL ALTERATION: Quartzites are intensely silicified and sericitized by white and yellowish green sericite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: 121.0 – 125.0 Quartz veinlets rarely more than 10 mm. thick are widely scattered. Approximately 2 veinlets per 10 cm of core. Weak pyrite mineralization occurs in quartz and disseminated in adjacent quartzite and argillite. |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|-----|------------|----------|------------|-------|--------|--------|--------|--------|--------|--------|
| 122 | 123 | | | M 155843 | | <0.05 | <0.2 | 3 | 14 | 13 | 7 |
| 123 | 124 | | | M 155844 | | <0.05 | <0.2 | <2 | 26 | 12 | 45 |
| 124 | 125 | | | M 155845 | | 0.07 | <0.2 | 2 | 19 | 8 | 8 |

| From | To | LITHOLOGY: Quartzite interbedded argillite (approx. 40% argillite). |
|-------|-------|---|
| 123.0 | 149.0 | COLOR: Grey quartzite interbedded light green argillite. |
| | | PRIMARY STRUCTURE: Medium to thin bedded quartzites, with thin to very thin interbeds of argillite. Bedding planes sharp and distorted, rarely flat. Quartzite beds are fine grained commonly laminated. Laminations can be parallel to crenulated, rarely convoluted. Argillite beds are commonly deformed by soft sediment structures, slump folds, Ball and Pillow, de-watering structure etc. Bedding to core axis at 135.0 = 45° at 148.0 = 36°. |
| | | TECTONIC STRUCTURE: Nil. |
| | | GENERAL ALTERATION: Mainly regional, quartzite are silicified and sericitic. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Nil. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | LITHOLOGY: Quartzite interbedded argillite (45% argillite in this interval). |
|--------------|-------|---|
| 149.0 | 190.9 | COLOR: Light gray and light maroon quartzite interbedded light green argillite. |
| END OF HOLE. | | PRIMARY STRUCTURE: Mainly thin to very thin bedded, rare medium beds. Bedding is sharp, wavy to distorted. Quartzite beds are generally fine grained, 170 – 171.0 thin quartzite beds are very coarse grain, consisting of mature, unsorted quartz sand, argillite beds are generally strongly distorted by soft sediment deformation, as described previously. Quartzite beds commonly thinly laminated, by parallel "lamina", crenulated laminated and convoluted lamination. Bedding to core at 157.0 = 38°, at 172.0 = 41°, at 187 = 37°. |
| | | TECTONIC STRUCTURE: NIL. |
| | | GENERAL ALTERATION: Mainly regional; quartzite silicified and sericitized. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Widely scattered Drusy quartz-dolomite veinlets. These veinlets are generally barren of sulphides. Rare pyrite occurs disseminated in sed. Specularite is abundant in white quartz-dolomite vein which cut core at 11°. |



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CHAPLEAU RESOURCES
104-135 10TH AVE S
CRANBROOK BC V1C 2N1

Page #: 1
Date: 15-Jul-2003
Account: NJY

Zinger
CERTIFICATE VA03023734

Project: **Z-03-08** *04*

P.O. No:

This report is for 51 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 4-Jul-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| CRU-21 | Crush entire sample 70% < 6 mm |
| PUL-21 | Pulverize entire sample |
| LOG-24 | Pulp Login - Rcd w/o Barcode |
| SCR-21 | Screen to -100 um |
| LOG-22 | Sample login - Rcd w/o BarCode |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
104-135 10TH AVE S
CRANBROOK BC V1C 2N1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Page #: 2 - A
Total # of pages : 3 (A - C)
Date : 15-Jul-2003
Account: NJY

Project : 2-03-03

CERTIFICATE OF ANALYSIS VA03023734

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | Au-AA25D Au Check ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|-------------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M155796 | | 1.58 | <0.05 | <0.05 | <0.05 | <0.001 | 38.33 | 1474.5 | 0.01 | 0.01 | | <0.2 | 0.31 | 4 | <10 | 170 |
| M155797 | | 0.84 | <0.05 | <0.05 | <0.05 | <0.001 | 8.23 | 798.7 | 0.01 | 0.02 | | 0.2 | 0.50 | 4 | <10 | 170 |
| M155798 | | 1.62 | <0.05 | <0.05 | <0.05 | <0.001 | 32.75 | 1530.0 | <0.01 | <0.01 | | <0.2 | 0.31 | <2 | <10 | 130 |
| M155799 | | 1.86 | <0.05 | <0.05 | <0.05 | <0.001 | 14.78 | 1784.0 | 0.03 | <0.01 | | 0.3 | 0.27 | 3 | <10 | 210 |
| M155800 | | 2.36 | <0.05 | <0.05 | <0.05 | <0.001 | 20.52 | 2263 | 0.02 | 0.01 | | <0.2 | 0.35 | <2 | <10 | 430 |
| M155801 | | 2.38 | <0.05 | 0.08 | <0.05 | 0.002 | 24.17 | 2289 | 0.03 | 0.02 | | 0.2 | 0.26 | <2 | <10 | 270 |
| M155802 | | 2.28 | <0.05 | 0.19 | <0.05 | 0.006 | 31.58 | 2158 | <0.01 | <0.01 | | <0.2 | 0.33 | <2 | <10 | 110 |
| M155803 | | 1.56 | <0.05 | <0.05 | <0.05 | <0.001 | 13.54 | 1485.0 | 0.02 | 0.01 | | 1.6 | 0.40 | <2 | <10 | 140 |
| M155804 | | 1.90 | 0.22 | 0.27 | 0.22 | 0.004 | 14.56 | 1814.5 | 0.23 | 0.21 | | 3.0 | 0.28 | <2 | <10 | 170 |
| M155805 | | 2.94 | <0.05 | <0.05 | <0.05 | <0.001 | 25.09 | 2816 | 0.03 | 0.02 | | 0.3 | 0.33 | <2 | <10 | 210 |
| M155806 | | 2.20 | <0.05 | <0.05 | <0.05 | <0.001 | 38.88 | 2082 | 0.03 | 0.03 | | <0.2 | 0.27 | <2 | <10 | 170 |
| M155807 | | 1.90 | <0.05 | <0.05 | <0.05 | <0.001 | 11.86 | 1829.5 | 0.01 | <0.01 | | <0.2 | 0.31 | <2 | <10 | 310 |
| M155808 | | 2.50 | <0.05 | <0.05 | <0.05 | <0.001 | 21.62 | 2409 | <0.01 | <0.01 | | <0.2 | 0.28 | <2 | <10 | 260 |
| M155809 | | 2.40 | <0.05 | <0.05 | <0.05 | <0.001 | 29.46 | 2300 | <0.01 | 0.01 | | <0.2 | 0.30 | <2 | <10 | 230 |
| M155810 | | 2.22 | <0.05 | <0.05 | <0.05 | <0.001 | 14.53 | 2146 | <0.01 | <0.01 | | <0.2 | 0.27 | <2 | <10 | 160 |
| M155811 | | 1.78 | <0.05 | <0.05 | <0.05 | <0.001 | 24.87 | 1700.0 | <0.01 | <0.01 | | <0.2 | 0.31 | <2 | <10 | 70 |
| M155812 | | 2.88 | <0.05 | <0.05 | <0.05 | <0.001 | 28.00 | 2756 | <0.01 | <0.01 | | <0.2 | 0.39 | <2 | <10 | 140 |
| M155813 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 2.77 | 1.95 | 3.19 | 0.6 | 0.78 | 2470 | 10 | 160 |
| M155814 | | 1.96 | <0.05 | <0.05 | <0.05 | <0.001 | 18.97 | 1883.0 | 0.01 | <0.01 | | <0.2 | 0.29 | 5 | <10 | 130 |
| M155815 | | 2.00 | <0.05 | <0.05 | <0.05 | <0.001 | 11.25 | 1929.0 | <0.01 | <0.01 | | <0.2 | 0.27 | 3 | <10 | 240 |
| M155816 | | 2.28 | <0.05 | <0.05 | <0.05 | <0.001 | 22.43 | 2188 | 0.01 | <0.01 | | <0.2 | 0.29 | <2 | <10 | 140 |
| M155817 | | 2.24 | <0.05 | 0.11 | <0.05 | 0.003 | 27.09 | 2108 | 0.04 | 0.04 | | 0.4 | 0.28 | <2 | <10 | 250 |
| M155818 | | 2.20 | 0.10 | 0.08 | 0.11 | 0.002 | 23.71 | 2056 | 0.11 | 0.10 | | <0.2 | 0.34 | 2 | <10 | 80 |
| M155819 | | 2.14 | 0.26 | 4.99 | 0.23 | 0.077 | 15.44 | 2051 | 0.27 | 0.18 | | <0.2 | 0.29 | 2 | <10 | 70 |
| M155820 | | 2.72 | <0.05 | <0.05 | <0.05 | <0.001 | 23.78 | 2561 | 0.04 | 0.02 | | <0.2 | 0.26 | <2 | <10 | 520 |
| M155821 | | 1.80 | 0.13 | 0.45 | 0.13 | 0.008 | 17.73 | 1723.5 | 0.10 | 0.15 | | <0.2 | 0.25 | 2 | <10 | 130 |
| M155822 | | 1.96 | <0.05 | <0.05 | <0.05 | <0.001 | 29.16 | 1847.0 | 0.03 | 0.02 | | <0.2 | 0.23 | <2 | <10 | 210 |
| M155823 | | 1.96 | <0.05 | <0.05 | <0.05 | <0.001 | 13.48 | 1857.0 | 0.01 | 0.02 | | <0.2 | 0.20 | <2 | <10 | 340 |
| M155824 | | 2.56 | <0.05 | <0.05 | <0.05 | <0.001 | 17.41 | 2416 | 0.01 | <0.01 | | <0.2 | 0.19 | <2 | <10 | 110 |
| M155825 | | 2.18 | <0.05 | <0.05 | <0.05 | <0.001 | 23.91 | 2070 | 0.01 | <0.01 | | <0.2 | 0.22 | <2 | <10 | 90 |
| M155826 | | 2.92 | <0.05 | <0.05 | <0.05 | <0.001 | 42.96 | 2781 | 0.01 | <0.01 | | <0.2 | 0.26 | <2 | <10 | 130 |
| M155827 | | 1.80 | <0.05 | <0.05 | <0.05 | <0.001 | 39.20 | 1696.0 | 0.01 | <0.01 | | <0.2 | 0.30 | <2 | <10 | 130 |
| M155828 | | 2.34 | <0.05 | <0.05 | <0.05 | <0.001 | 17.10 | 2158 | 0.01 | 0.01 | | <0.2 | 0.26 | <2 | <10 | 140 |
| M155829 | 1Pnk | 0.10 | 4.55 | <0.05 | 6.43 | <0.001 | 29.06 | 70.6 | 6.44 | 6.41 | | 1.8 | 3.33 | 5660 | <10 | 70 |
| M155830 | | 1.48 | <0.05 | <0.05 | <0.05 | <0.001 | 10.82 | 1540.5 | <0.01 | 0.01 | | <0.2 | 0.36 | 9 | <10 | 200 |
| M155831 | | 2.32 | <0.05 | <0.05 | <0.05 | <0.001 | 17.87 | 2249 | <0.01 | <0.01 | | <0.2 | 0.96 | <2 | <10 | 430 |
| M155832 | | 2.38 | <0.05 | <0.05 | <0.05 | <0.001 | 9.46 | 2051 | <0.01 | <0.01 | | <0.2 | 0.85 | <2 | <10 | 420 |
| M155833 | | 1.98 | <0.05 | <0.05 | <0.05 | <0.001 | 9.59 | 1911.0 | <0.01 | <0.01 | | <0.2 | 0.57 | 2 | <10 | 80 |
| M155834 | | 1.48 | <0.05 | <0.05 | <0.05 | <0.001 | 2.37 | 1406.0 | <0.01 | <0.01 | | <0.2 | 0.32 | <2 | <10 | 70 |
| M155835 | | 1.94 | <0.05 | <0.05 | <0.05 | <0.001 | 3.93 | 1866.5 | <0.01 | <0.01 | | <0.2 | 0.34 | <2 | <10 | 70 |

Comments: Sample M155813 exhibits Au nugget effect. NSS is non-sufficient sample.



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Account: NJY

Project : 2-03-03

CERTIFICATE OF ANALYSIS VA03023734

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | Au-AA25D Au Check ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|-------------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M155836 | | 2.38 | 0.06 | 1.43 | 0.05 | 0.015 | 10.46 | 2304 | 0.03 | 0.07 | | <0.2 | 0.28 | <2 | <10 | 60 |
| M155837 | | 2.14 | <0.05 | <0.05 | <0.05 | <0.001 | 5.30 | 2053 | 0.02 | 0.01 | | <0.2 | 0.29 | 2 | <10 | 70 |
| M155838 | | 2.02 | <0.05 | 0.43 | <0.05 | 0.004 | 9.24 | 1923.5 | 0.04 | 0.03 | | <0.2 | 0.16 | <2 | <10 | 380 |
| M155839 | | 1.78 | <0.05 | <0.05 | <0.05 | <0.001 | 9.33 | 1694.0 | <0.01 | 0.01 | | <0.2 | 0.22 | <2 | <10 | 90 |
| M155840 | | 2.28 | 1.54 | 9.55 | 1.46 | 0.211 | 22.10 | 2109 | 1.48 | 1.45 | | 0.2 | 0.23 | 5 | <10 | 50 |
| M155841 | | 2.58 | 0.21 | 1.70 | 0.20 | 0.029 | 17.06 | 2487 | 0.23 | 0.16 | | <0.2 | 0.29 | 6 | <10 | 70 |
| M155842 | | 2.40 | <0.05 | <0.05 | <0.05 | <0.001 | 15.24 | 2258 | 0.02 | 0.03 | | <0.2 | 0.20 | <2 | <10 | 50 |
| M155843 | | 2.06 | <0.05 | <0.05 | <0.05 | <0.001 | 10.31 | 1972.0 | 0.03 | 0.04 | | <0.2 | 0.32 | 3 | <10 | 70 |
| M155844 | | 1.62 | <0.05 | <0.05 | <0.05 | <0.001 | 3.50 | 1551.0 | 0.04 | 0.03 | | <0.2 | 0.32 | <2 | <10 | 120 |
| M155845 | | 2.22 | 0.07 | 0.31 | 0.07 | 0.004 | 12.75 | 2147 | 0.07 | 0.06 | | <0.2 | 0.25 | 2 | <10 | 150 |

Comments: Sample M155813 exhibits Au nugget effect. NSS is non-sufficient sample.



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Project : 2-03-03

CERTIFICATE OF ANALYSIS VA03023734

| Sample Description | Method Analyte Units LOR | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 |
|--------------------|-----------------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|
| M155796 | | <0.5 | <2 | 0.13 | <0.5 | 5 | 5 | 3 | 1.84 | <10 | 1 | 0.19 | 40 | 0.05 | 463 | <1 |
| M155797 | | 0.5 | <2 | 0.14 | <0.5 | 6 | 6 | 4 | 2.29 | <10 | <1 | 0.21 | 30 | 0.04 | 639 | <1 |
| M155798 | | <0.5 | <2 | 0.06 | <0.5 | 3 | 4 | 2 | 1.44 | <10 | <1 | 0.17 | 40 | 0.03 | 520 | <1 |
| M155799 | | <0.5 | <2 | 0.10 | <0.5 | 3 | 7 | 2 | 1.36 | <10 | 1 | 0.17 | 30 | 0.03 | 671 | <1 |
| M155800 | | <0.5 | <2 | 0.13 | <0.5 | 6 | 4 | 14 | 0.95 | <10 | <1 | 0.24 | 30 | 0.04 | 592 | <1 |
| M155801 | | <0.5 | <2 | 0.07 | 1.0 | 8 | 5 | 47 | 1.56 | <10 | <1 | 0.19 | 30 | 0.02 | 976 | 1 |
| M155802 | | <0.5 | <2 | 0.10 | 2.6 | 6 | 8 | 40 | 1.84 | <10 | 1 | 0.26 | 50 | 0.03 | 778 | 1 |
| M155803 | | 0.5 | 3 | 0.11 | 1.1 | 6 | 4 | 207 | 2.04 | <10 | <1 | 0.20 | 50 | 0.08 | 708 | <1 |
| M155804 | | <0.5 | <2 | 0.04 | 1.3 | 6 | 5 | 176 | 1.81 | <10 | <1 | 0.18 | 40 | 0.03 | 805 | 1 |
| M155805 | | <0.5 | <2 | 0.09 | 1.3 | 6 | 5 | 67 | 2.04 | <10 | <1 | 0.23 | 40 | 0.03 | 773 | <1 |
| M155806 | | <0.5 | <2 | 0.13 | 2.8 | 9 | 6 | 65 | 1.64 | <10 | 1 | 0.20 | 30 | 0.03 | 642 | 1 |
| M155807 | | <0.5 | <2 | 0.07 | <0.5 | 5 | 5 | 1 | 2.04 | <10 | <1 | 0.22 | 40 | 0.04 | 629 | <1 |
| M155808 | | <0.5 | <2 | 0.15 | <0.5 | 5 | 9 | 3 | 2.23 | <10 | <1 | 0.20 | 40 | 0.07 | 510 | 1 |
| M155809 | | <0.5 | <2 | 0.22 | <0.5 | 3 | 5 | 1 | 1.82 | <10 | 1 | 0.21 | 30 | 0.05 | 301 | <1 |
| M155810 | | <0.5 | <2 | 0.15 | <0.5 | 4 | 5 | 2 | 1.34 | <10 | <1 | 0.18 | 30 | 0.04 | 253 | <1 |
| M155811 | | <0.5 | <2 | 0.05 | <0.5 | 3 | 6 | 3 | 1.02 | <10 | <1 | 0.17 | 30 | 0.04 | 213 | <1 |
| M155812 | | <0.5 | <2 | 0.10 | <0.5 | 4 | 19 | 3 | 1.00 | <10 | <1 | 0.21 | 30 | 0.05 | 216 | 3 |
| M155813 | | 1.1 | <2 | 0.02 | <0.5 | 1 | 36 | 34 | 2.84 | <10 | 1 | 0.34 | 30 | 0.03 | 44 | 3 |
| M155814 | | <0.5 | <2 | 0.05 | <0.5 | 4 | 6 | 4 | 1.13 | <10 | 1 | 0.18 | 30 | 0.03 | 277 | <1 |
| M155815 | | <0.5 | <2 | 0.12 | <0.5 | 3 | 5 | 4 | 1.12 | <10 | <1 | 0.19 | 40 | 0.04 | 237 | <1 |
| M155816 | | <0.5 | <2 | 0.17 | <0.5 | 5 | 5 | 18 | 1.50 | <10 | <1 | 0.21 | 30 | 0.06 | 371 | 1 |
| M155817 | | <0.5 | <2 | 0.03 | <0.5 | 5 | 7 | 69 | 1.68 | <10 | <1 | 0.22 | 40 | 0.04 | 452 | 1 |
| M155818 | | <0.5 | <2 | 0.11 | <0.5 | 6 | 4 | 6 | 1.02 | <10 | <1 | 0.27 | 30 | 0.08 | 548 | 1 |
| M155819 | | <0.5 | <2 | 0.07 | <0.5 | 5 | 3 | 14 | 0.99 | <10 | <1 | 0.23 | 30 | 0.10 | 391 | 1 |
| M155820 | | <0.5 | <2 | 0.20 | <0.5 | 3 | 11 | 9 | 1.19 | <10 | <1 | 0.20 | 30 | 0.10 | 483 | 2 |
| M155821 | | <0.5 | <2 | 0.10 | <0.5 | 4 | 4 | 9 | 1.20 | <10 | <1 | 0.18 | 30 | 0.03 | 474 | <1 |
| M155822 | | <0.5 | <2 | 0.03 | <0.5 | 5 | 8 | 10 | 0.99 | <10 | <1 | 0.18 | 30 | 0.03 | 892 | 1 |
| M155823 | | <0.5 | <2 | 0.06 | <0.5 | 4 | 4 | 8 | 1.12 | <10 | <1 | 0.15 | 30 | 0.03 | 525 | <1 |
| M155824 | | <0.5 | <2 | 0.07 | <0.5 | 2 | 9 | 7 | 1.00 | <10 | <1 | 0.13 | 30 | 0.03 | 405 | 1 |
| M155825 | | <0.5 | <2 | 0.09 | <0.5 | 2 | 5 | 8 | 1.50 | <10 | <1 | 0.16 | 30 | 0.03 | 267 | <1 |
| M155826 | | <0.5 | <2 | 0.06 | <0.5 | 4 | 9 | 3 | 1.50 | <10 | <1 | 0.19 | 40 | 0.03 | 279 | 1 |
| M155827 | | <0.5 | <2 | 0.15 | <0.5 | 3 | 50 | 2 | 1.18 | <10 | 1 | 0.23 | 30 | 0.05 | 348 | <1 |
| M155828 | | <0.5 | <2 | 0.26 | <0.5 | 3 | 32 | 2 | 1.90 | <10 | <1 | 0.19 | 40 | 0.07 | 309 | <1 |
| M155829 | | 2.3 | <2 | 0.86 | <0.5 | 22 | 296 | 68 | 4.57 | 10 | <1 | 1.02 | 30 | 1.22 | 1410 | 2 |
| M155830 | | <0.5 | <2 | 0.06 | <0.5 | 3 | 13 | 1 | 0.38 | <10 | 1 | 0.20 | 30 | 0.16 | 145 | <1 |
| M155831 | | <0.5 | <2 | 0.22 | <0.5 | 7 | 41 | 1 | 1.85 | <10 | <1 | 0.21 | 30 | 0.96 | 392 | <1 |
| M155832 | | <0.5 | <2 | 0.21 | <0.5 | 6 | 37 | 2 | 1.68 | <10 | <1 | 0.18 | 30 | 0.87 | 370 | <1 |
| M155833 | | <0.5 | <2 | 0.10 | <0.5 | 4 | 10 | <1 | 1.62 | <10 | <1 | 0.19 | 40 | 0.45 | 190 | <1 |
| M155834 | | <0.5 | <2 | 0.15 | <0.5 | 5 | 7 | 1 | 1.58 | <10 | 1 | 0.17 | 30 | 0.12 | 183 | <1 |
| M155835 | | <0.5 | <2 | 0.10 | <0.5 | 4 | 42 | 1 | 1.12 | <10 | <1 | 0.20 | 30 | 0.10 | 194 | <1 |

Comments: Sample M155813 exhibits Au nugget effect. NSS is non-sufficient sample.



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CERTIFICATE OF ANALYSIS VA03023734

| Sample Description | Method Analyte Units LOR | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 |
|--------------------|-----------------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|
| M155836 | | <0.5 | <2 | 0.36 | <0.5 | 4 | 8 | 8 | 1.33 | <10 | <1 | 0.22 | 40 | 0.21 | 670 | <1 |
| M155837 | | <0.5 | <2 | 0.24 | <0.5 | 4 | 55 | 2 | 0.87 | <10 | <1 | 0.23 | 30 | 0.15 | 440 | <1 |
| M155838 | | <0.5 | <2 | 0.24 | <0.5 | 2 | 110 | 5 | 0.85 | <10 | 1 | 0.11 | 20 | 0.05 | 358 | <1 |
| M155839 | | <0.5 | <2 | 0.15 | <0.5 | 2 | 10 | 1 | 0.86 | <10 | 1 | 0.17 | 30 | 0.07 | 275 | <1 |
| M155840 | | <0.5 | <2 | 0.20 | <0.5 | 5 | 56 | 5 | 1.35 | <10 | 1 | 0.21 | 20 | 0.09 | 377 | 1 |
| M155841 | | <0.5 | <2 | 0.19 | <0.5 | 5 | 12 | 6 | 1.87 | <10 | <1 | 0.24 | 30 | 0.09 | 462 | 1 |
| M155842 | | <0.5 | <2 | 0.25 | <0.5 | 3 | 69 | 55 | 0.73 | <10 | <1 | 0.17 | 20 | 0.12 | 547 | 1 |
| M155843 | | <0.5 | <2 | 0.18 | <0.5 | 4 | 4 | 7 | 0.76 | <10 | <1 | 0.26 | 40 | 0.11 | 550 | <1 |
| M155844 | | <0.5 | <2 | 0.07 | <0.5 | 4 | 88 | 45 | 0.96 | <10 | <1 | 0.25 | 40 | 0.06 | 593 | 1 |
| M155845 | | <0.5 | <2 | 0.06 | <0.5 | 3 | 5 | 8 | 0.97 | <10 | <1 | 0.22 | 30 | 0.04 | 672 | <1 |

Comments: Sample M155813 exhibits Au nugget effect. NSS is non-sufficient sample.



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Project : 2-03-03

CERTIFICATE OF ANALYSIS VA03023734

| Sample Description | Method Analyte Units LOR | ME-ICP41 Na % 0.01 | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 | ME-ICP41 Ti % 0.01 | ME-ICP41 Ti ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 |
|--------------------|-----------------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|
| M155796 | | 0.02 | 7 | 680 | 14 | <0.01 | <2 | 1 | 7 | 0.01 | <10 | <10 | 5 | <10 | 17 |
| M155797 | | 0.01 | 9 | 730 | 10 | <0.01 | <2 | 1 | 7 | 0.01 | <10 | <10 | 5 | <10 | 29 |
| M155798 | | 0.02 | 4 | 320 | 15 | <0.01 | <2 | 1 | 5 | 0.01 | <10 | <10 | 4 | <10 | 14 |
| M155799 | | 0.03 | 4 | 330 | 17 | <0.01 | <2 | 1 | 6 | 0.01 | <10 | <10 | 4 | <10 | 13 |
| M155800 | | 0.02 | 4 | 570 | 37 | 0.01 | <2 | 1 | 8 | 0.01 | <10 | <10 | 3 | <10 | 20 |
| M155801 | | 0.01 | 4 | 490 | 150 | 0.09 | <2 | 1 | 5 | 0.01 | <10 | <10 | 3 | <10 | 98 |
| M155802 | | <0.01 | 6 | 580 | 19 | <0.01 | <2 | 1 | 6 | 0.01 | <10 | <10 | 3 | <10 | 160 |
| M155803 | | <0.01 | 4 | 540 | 194 | 0.01 | <2 | 1 | 6 | 0.01 | <10 | <10 | 3 | <10 | 130 |
| M155804 | | 0.01 | 3 | 310 | 333 | <0.01 | <2 | 1 | 3 | 0.01 | <10 | <10 | 3 | <10 | 153 |
| M155805 | | 0.01 | 4 | 630 | 39 | 0.02 | <2 | 1 | 6 | 0.01 | <10 | <10 | 4 | <10 | 113 |
| M155806 | | 0.01 | 6 | 780 | 61 | 0.15 | <2 | 1 | 6 | 0.01 | <10 | <10 | 3 | <10 | 240 |
| M155807 | | 0.01 | 5 | 310 | 7 | 0.01 | <2 | 1 | 8 | 0.02 | <10 | <10 | 5 | <10 | 41 |
| M155808 | | 0.01 | 5 | 500 | 6 | <0.01 | <2 | 1 | 8 | 0.03 | <10 | <10 | 5 | <10 | 21 |
| M155809 | | 0.02 | 4 | 730 | 5 | <0.01 | <2 | 1 | 9 | 0.02 | <10 | <10 | 5 | <10 | 14 |
| M155810 | | 0.02 | 4 | 370 | 4 | <0.01 | <2 | 1 | 5 | 0.01 | <10 | <10 | 4 | <10 | 15 |
| M155811 | | 0.03 | 3 | 250 | 5 | <0.01 | <2 | 1 | 3 | 0.01 | <10 | <10 | 4 | <10 | 19 |
| M155812 | | 0.02 | 6 | 460 | 2 | <0.01 | <2 | 1 | 5 | 0.01 | <10 | <10 | 4 | <10 | 34 |
| M155813 | | 0.02 | 7 | 260 | 29 | 0.02 | 82 | 7 | 78 | <0.01 | <10 | <10 | 11 | <10 | 15 |
| M155814 | | 0.02 | 4 | 260 | 4 | <0.01 | <2 | 1 | 4 | 0.01 | <10 | <10 | 4 | <10 | 20 |
| M155815 | | 0.03 | 4 | 290 | 6 | 0.01 | <2 | 1 | 7 | 0.01 | <10 | <10 | 4 | <10 | 12 |
| M155816 | | 0.01 | 4 | 560 | 6 | <0.01 | <2 | 1 | 6 | 0.02 | <10 | <10 | 5 | <10 | 17 |
| M155817 | | 0.01 | 5 | 170 | 55 | 0.04 | <2 | 1 | 4 | 0.01 | <10 | <10 | 5 | <10 | 17 |
| M155818 | | 0.01 | 5 | 270 | 11 | 0.25 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 13 |
| M155819 | | 0.01 | 3 | 190 | 8 | 0.10 | <2 | 1 | 4 | 0.01 | <10 | <10 | 3 | <10 | 18 |
| M155820 | | 0.02 | 4 | 200 | 13 | 0.06 | <2 | 1 | 14 | 0.01 | <10 | <10 | 3 | <10 | 14 |
| M155821 | | 0.02 | 3 | 360 | 5 | 0.03 | <2 | 1 | 5 | 0.01 | <10 | <10 | 3 | <10 | 10 |
| M155822 | | 0.01 | 4 | 140 | 8 | 0.07 | <2 | 1 | 3 | 0.01 | <10 | <10 | 2 | <10 | 10 |
| M155823 | | 0.02 | 3 | 210 | 10 | 0.04 | <2 | 1 | 5 | 0.01 | <10 | <10 | 2 | <10 | 8 |
| M155824 | | 0.02 | 3 | 140 | 6 | <0.01 | <2 | 1 | 4 | 0.01 | <10 | <10 | 3 | <10 | 9 |
| M155825 | | 0.02 | 3 | 310 | 9 | <0.01 | <2 | 1 | 5 | 0.02 | <10 | <10 | 4 | <10 | 7 |
| M155826 | | 0.01 | 3 | 230 | 18 | <0.01 | <2 | 1 | 4 | 0.01 | <10 | <10 | 3 | <10 | 11 |
| M155827 | | 0.02 | 6 | 270 | 7 | <0.01 | <2 | 1 | 6 | 0.01 | <10 | <10 | 4 | <10 | 9 |
| M155828 | | 0.01 | 4 | 610 | 6 | <0.01 | <2 | 1 | 8 | 0.03 | <10 | <10 | 5 | <10 | 10 |
| M155829 | | 0.12 | 160 | 270 | 23 | 0.59 | 5 | 10 | 68 | 0.19 | <10 | <10 | 66 | 10 | 98 |
| M155830 | | 0.01 | 6 | 200 | <2 | 0.01 | <2 | <1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 19 |
| M155831 | | 0.01 | 12 | 790 | <2 | 0.01 | <2 | 1 | 8 | 0.01 | <10 | <10 | 6 | <10 | 79 |
| M155832 | | 0.01 | 11 | 730 | 3 | 0.01 | <2 | 1 | 8 | 0.01 | <10 | <10 | 5 | <10 | 73 |
| M155833 | | 0.01 | 7 | 490 | <2 | <0.01 | <2 | 1 | 4 | 0.01 | <10 | <10 | 5 | <10 | 35 |
| M155834 | | 0.01 | 7 | 670 | 2 | <0.01 | <2 | 1 | 6 | 0.02 | <10 | <10 | 4 | <10 | 18 |
| M155835 | | 0.02 | 8 | 310 | 4 | <0.01 | <2 | 1 | 5 | 0.01 | <10 | <10 | 4 | <10 | 15 |

Comments: Sample M155813 exhibits Au nugget effect. NSS is non-sufficient sample.



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CERTIFICATE OF ANALYSIS VA03023734

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------|----------|-----------|----------|-----------|----------|----------|----------|-----------|-----------|-----------|----------|-----------|----------|
| | | Na | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Ti | U | V | W | Zn |
| | | % 0.01 | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 | ppm 1 | ppm 1 | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| M155836 | | 0.01 | 3 | 510 | 21 | 0.03 | <2 | 1 | 20 | <0.01 | <10 | <10 | 2 | <10 | 20 |
| M155837 | | 0.02 | 5 | 320 | 3 | <0.01 | <2 | 1 | 15 | <0.01 | <10 | <10 | 2 | <10 | 21 |
| M155838 | | 0.03 | 5 | 80 | 4 | 0.02 | <2 | 1 | 8 | <0.01 | <10 | <10 | 1 | <10 | 13 |
| M155839 | | 0.03 | 2 | 120 | 2 | <0.01 | <2 | 1 | 8 | 0.01 | <10 | <10 | 2 | <10 | 9 |
| M155840 | | 0.01 | 5 | 320 | 19 | 0.55 | <2 | 1 | 11 | <0.01 | <10 | <10 | 1 | <10 | 10 |
| M155841 | | 0.01 | 4 | 660 | 15 | 0.28 | <2 | 1 | 10 | 0.02 | <10 | <10 | 3 | <10 | 17 |
| M155842 | | 0.02 | 6 | 150 | 14 | 0.17 | <2 | 1 | 11 | <0.01 | <10 | <10 | 1 | <10 | 12 |
| M155843 | | 0.01 | 3 | 230 | 14 | 0.08 | <2 | 1 | 10 | <0.01 | <10 | <10 | 2 | <10 | 13 |
| M155844 | | 0.02 | 6 | 90 | 26 | 0.11 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 12 |
| M155845 | | 0.02 | 3 | 130 | 19 | 0.11 | <2 | <1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 8 |

Comments: Sample M155813 exhibits Au nugget effect. NSS is non-sufficient sample.

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

HOLE #: Z-03-5

LENGTH: 214.0 M.

| | | | |
|--------------------------------|----------------------------|---------------------------|-------------------------------|
| PROPERTY: ZINGER | | HORI. COMP: 151.32 meters | DRILL CONTRACTOR: Lone Ranger |
| LOCATION: THE BIG LEDGE | | VERT. COMP: 151.32 meters | |
| COMMENCED: JULY 1, 2003 | COMPLETED: July 5, 2003 | CORR. DIP: -45 | CORE SIZE: NQ |
| COORDS: Long. | Lat. | TRUE BEARING: 118° | CASING: 3.2 meters |
| COORDS: UTM (E) | (N) (EL) | % RECOVERY: | CORE STORAGE: Vine Properties |
| COORDS: Grid (E) | (N) (EL) | LOGGED DATE: July 2003 | |
| ELEVATION: Approx. 2015 meters | COLLAR: Dip: -45 Azi: 118° | LOGGED BY: D.L. Pighin | |
| OBJECTIVE: | | | |
| SURVEYS: Depth: | Dip: Azi: | Type: | |
| ADDITIONAL SURVEYS: | | | |
| Depth: | Dip: Azi: | | |

| From | To | LITHOLOGY: Limonitic pyllitic argillite, rare limonitic quartzite. |
|------|------|---|
| 3.2 | 50.0 | COLOR: Shades of gray, light gray, olive gray and maroon all generally speckled and streaked brown. |
| | | PRIMARY STRUCTURE: Foliation appears to be sub-parallel to bedding. However, all original primary structures are destroyed by dynamic tectonics. At 6.0 bedding to core = 62°, at 17.0 bedding to core 65° ? |
| | | TECTONIC STRUCTURE: Highly foliated sheared sediments at 34.0 foliation to core axis is 50°, at 43.0 = 52°, at 50.0 = 52°. |
| | | GENERAL ALTERATION: Argillite rocks are altered to sericitic phyllites, produced by dynamic metamorphism. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: 7.2 -to 8.7 breccia zone, mainly quartz, and sericite, weakly mineralized by limonite after pyrite. From 3.2 to 50.0 limonite is relatively abundant in then veinlets parallel to foliation and as disseminations in phyllite. This limonite appears to be after Fe Carbonate. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|----|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 3.2 | 4 | 0 | Phyllitic argillite thin limonitic veinlets scattered parallel to foliation. | M 155846 | 0.8 | <0.05 | <0.2 | 3 | 3 | 28 | 3 |
| 4 | 5 | 0 | Phyllitic argillite thin limonitic veinlets scattered parallel to foliation. | M 155847 | 1 | <0.05 | <0.2 | 7 | 3 | 11 | 19 |
| 5 | 6 | 0 | Phyllitic argillite thin limonitic veinlets scattered parallel to foliation. | M 155848 | 1 | <0.05 | <0.2 | 2 | 3 | 25 | 4 |
| 6 | 7 | 0 | Phyllitic argillite thin limonitic veinlets scattered parallel to foliation. | M 155849 | 1 | <0.05 | <0.2 | <2 | <2 | 15 | 10 |
| 7 | 8 | 0 | Breccia zone weakly mineralized by limonite after pyrite. | M 155850 | 1 | <0.05 | <0.2 | 3 | 16 | 6 | 33 |
| 8 | 9 | 0 | Phyllitic argillite, thin limonitic veinlets scattered parallel to foliation. | M 155851 | 1 | <0.05 | <0.2 | <2 | <2 | 11 | 6 |
| 9 | 10 | 0 | Phyllitic argillite, thin limonitic veinlets scattered parallel to foliation. | M 155852 | 1 | <0.05 | <0.2 | <2 | <2 | 26 | 1 |
| 10 | 11 | 0 | Phyllitic argillite, thin limonitic veinlets scattered parallel to foliation. | M 155853 | 1 | <0.05 | <0.2 | 2 | 2 | 23 | 2 |
| 11 | 12 | 0 | Phyllitic argillite, thin limonitic veinlets scattered parallel to foliation. | M 155854 | 1 | <0.05 | <0.2 | <2 | <2 | 26 | 2 |
| 12 | 13 | 0 | Phyllitic argillite, thin limonitic veinlets scattered parallel to foliation. | M 155855 | 1 | <0.05 | <0.2 | 2 | 2 | 26 | 2 |
| 13 | 14 | 0 | Phyllitic argillite, thin limonitic veinlets scattered parallel to foliation. | M 155856 | 1 | <0.05 | <0.2 | 2 | <2 | 25 | 1 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-5

LENGTH: 214.0 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|----|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 14 | 15 | 0 | Phyllitic argillite, thin limonitic veinlets scattered parallel to foliation. | M 155857 | 1 | <0.05 | <0.2 | 3 | <2 | 23 | 1 |
| 15 | 16 | 0 | Phyllitic argillite, thin limonitic veinlets scattered parallel to foliation. | M 155858 | 1 | <0.05 | <0.2 | 5 | 3 | 33 | 7 |
| 16 | 17 | 0 | Phyllitic argillite, thin limonitic veinlets scattered parallel to foliation. | M 155859 | 1 | <0.05 | <0.2 | 2 | <2 | 25 | 2 |
| 17 | 18 | 0 | Phyllitic argillite, thin limonitic veinlets scattered parallel to foliation. | M 155860 | 1 | <0.05 | <0.2 | <2 | 2 | 20 | 2 |
| 18 | 19 | 0 | Phyllitic argillite, thin limonitic veinlets scattered parallel to foliation. | M 155861 | 1 | <0.05 | <0.2 | <2 | <2 | 24 | 2 |
| 19 | 20 | 0 | Phyllitic argillite, thin limonitic veinlets scattered parallel to foliation. | M 155862 | 1 | <0.05 | <0.2 | <2 | 3 | 22 | 3 |
| 20 | 21 | 0 | Phyllitic argillite, thin limonitic veinlets scattered parallel to foliation. | M 155863 | 1 | <0.05 | <0.2 | 3 | <2 | 23 | 1 |
| 21 | 22 | 0 | Phyllitic argillite, thin limonitic veinlets scattered parallel to foliation. | M 155864 | 1 | <0.05 | <0.2 | 3 | <2 | 25 | 2 |
| STND | | 0 | Phyllitic argillite, thin limonitic veinlets scattered parallel to foliation. | M 155864A | | NSS | 1.4 | 5540 | 21 | 98 | 67 |
| 22 | 23 | 0 | Phyllitic argillite, thin limonitic veinlets scattered parallel to foliation. | M 155865 | 1 | <0.05 | <0.2 | 9 | 2 | 21 | 2 |
| 23 | 24 | 0 | Phyllitic argillite, thin limonitic veinlets scattered parallel to foliation. | M 155866 | 1 | <0.05 | <0.2 | 3 | <2 | 27 | 2 |
| 24 | 25 | 0 | Phyllitic argillite, thin limonitic veinlets scattered parallel to foliation. | M 155867 | 1 | <0.05 | <0.2 | 2 | 3 | 22 | 1 |
| 25 | 26 | 0 | Phyllitic argillite, thin limonitic veinlets scattered parallel to foliation. | M 155868 | 1 | <0.05 | <0.2 | <2 | <2 | 20 | 3 |
| 26 | 27 | 0 | Phyllitic argillite, thin limonitic veinlets scattered parallel to foliation. | M 155869 | 1 | <0.05 | <0.2 | 2 | 3 | 36 | 4 |
| 27 | 28 | 0 | Phyllitic argillite, thin limonitic veinlets scattered parallel to foliation. | M 155870 | 1 | <0.05 | <0.2 | <2 | <2 | 26 | 2 |
| 28 | 29 | 0 | Phyllitic argillite, thin limonitic veinlets scattered parallel to foliation. | M 155871 | 1 | <0.05 | <0.2 | <2 | <2 | 25 | 1 |
| 29 | 30 | 0 | Phyllitic argillite, thin limonitic veinlets scattered parallel to foliation. | M 155872 | 1 | <0.05 | <0.2 | <2 | 2 | 28 | 1 |
| 30 | 31 | 0 | Phyllitic argillite, thin limonitic veinlets scattered parallel to foliation. | M 155873 | 1 | <0.05 | <0.2 | <2 | 2 | 20 | 1 |
| 31 | 32 | 0 | Phyllitic argillite, thin limonitic veinlets scattered parallel to foliation. | M 155874 | 1 | <0.05 | <0.2 | 2 | <2 | 29 | 1 |
| 32 | 33 | 0 | Phyllitic argillite, thin limonitic veinlets scattered parallel to foliation. | M 155875 | 1 | <0.05 | <0.2 | 9 | <2 | 35 | 4 |
| 33 | 34 | 0 | Phyllitic argillite, thin limonitic veinlets scattered parallel to foliation. | M 155876 | 1 | <0.05 | <0.2 | <2 | <2 | 25 | 2 |
| 34 | 35 | 0 | Phyllitic argillite, thin limonitic veinlets scattered parallel to foliation. | M 155877 | 1 | <0.05 | <0.2 | <2 | <2 | 25 | 5 |
| 35 | 36 | 0 | Phyllitic argillite, thin limonitic veinlets scattered parallel to foliation. | M 155878 | 1 | <0.05 | <0.2 | <2 | <2 | 16 | 57 |
| 36 | 37 | 0 | Phyllitic argillite, thin limonitic veinlets scattered parallel to foliation. | M 155879 | 1 | <0.05 | <0.2 | <2 | <2 | 30 | 14 |
| 37 | 38 | 0 | Phyllitic argillite, thin limonitic veinlets scattered parallel to foliation. | M 155880 | 1 | <0.05 | <0.2 | <2 | 2 | 24 | 2 |
| 38 | 39 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155881 | 1 | <0.05 | <0.2 | 2 | 2 | 25 | 3 |
| 39 | 40 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155882 | 1 | <0.05 | <0.2 | 2 | <2 | 12 | 6 |
| 40 | 41 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155883 | 1 | <0.05 | <0.2 | <2 | 2 | 26 | 3 |
| 41 | 42 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155884 | 1 | <0.05 | <0.2 | 2 | 3 | 30 | 7 |
| STND | | 0 | 7 pp | M 155885 | | NSS | <0.2 | 2460 | 31 | 15 | 35 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-5

LENGTH: 214.0 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|----|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 42 | 43 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155886 | 1 | <0.05 | <0.2 | 6 | 3 | 37 | 1 |
| 43 | 44 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155887 | 1 | <0.05 | <0.2 | 2 | 3 | 38 | 5 |
| 44 | 45 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155888 | 1 | <0.05 | <0.2 | 2 | 2 | 40 | 2 |
| 45 | 46 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155889 | 1 | <0.05 | <0.2 | 2 | <2 | 34 | 2 |
| 46 | 47 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155890 | 1 | <0.05 | <0.2 | 2 | 2 | 29 | 1 |
| 47 | 48 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155891 | 1 | <0.05 | <0.2 | <2 | 2 | 29 | 1 |
| 48 | 49 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155892 | 1 | <0.05 | <0.2 | <2 | 2 | 22 | 1 |
| 49 | 50 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155893 | 1 | <0.05 | <0.2 | <2 | 2 | 24 | 1 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-5

LENGTH: 214.0 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|----|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 42 | 43 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155886 | 1 | <0.05 | <0.2 | 6 | 3 | 37 | 1 |
| 43 | 44 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155887 | 1 | <0.05 | <0.2 | 2 | 3 | 38 | 5 |
| 44 | 45 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155888 | 1 | <0.05 | <0.2 | 2 | 2 | 40 | 2 |
| 45 | 46 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155889 | 1 | <0.05 | <0.2 | 2 | <2 | 34 | 2 |
| 46 | 47 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155890 | 1 | <0.05 | <0.2 | 2 | 2 | 29 | 1 |
| 47 | 48 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155891 | 1 | <0.05 | <0.2 | <2 | 2 | 29 | 1 |
| 48 | 49 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155892 | 1 | <0.05 | <0.2 | <2 | 2 | 22 | 1 |
| 49 | 50 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155893 | 1 | <0.05 | <0.2 | <2 | 2 | 24 | 1 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-5

LENGTH: 214.0 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|----|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 42 | 43 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155886 | 1 | <0.05 | <0.2 | 6 | 3 | 37 | 1 |
| 43 | 44 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155887 | 1 | <0.05 | <0.2 | 2 | 3 | 38 | 5 |
| 44 | 45 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155888 | 1 | <0.05 | <0.2 | 2 | 2 | 40 | 2 |
| 45 | 46 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155889 | 1 | <0.05 | <0.2 | 2 | <2 | 34 | 2 |
| 46 | 47 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155890 | 1 | <0.05 | <0.2 | 2 | 2 | 29 | 1 |
| 47 | 48 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155891 | 1 | <0.05 | <0.2 | <2 | 2 | 29 | 1 |
| 48 | 49 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155892 | 1 | <0.05 | <0.2 | <2 | 2 | 22 | 1 |
| 49 | 50 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155893 | 1 | <0.05 | <0.2 | <2 | 2 | 24 | 1 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-5

LENGTH: 214.0 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|----|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 42 | 43 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155886 | 1 | <0.05 | <0.2 | 6 | 3 | 37 | 1 |
| 43 | 44 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155887 | 1 | <0.05 | <0.2 | 2 | 3 | 38 | 5 |
| 44 | 45 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155888 | 1 | <0.05 | <0.2 | 2 | 2 | 40 | 2 |
| 45 | 46 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155889 | 1 | <0.05 | <0.2 | 2 | <2 | 34 | 2 |
| 46 | 47 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155890 | 1 | <0.05 | <0.2 | 2 | 2 | 29 | 1 |
| 47 | 48 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155891 | 1 | <0.05 | <0.2 | <2 | 2 | 29 | 1 |
| 48 | 49 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155892 | 1 | <0.05 | <0.2 | <2 | 2 | 22 | 1 |
| 49 | 50 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155893 | 1 | <0.05 | <0.2 | <2 | 2 | 24 | 1 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-5

LENGTH: 214.0 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|----|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 42 | 43 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155886 | 1 | <0.05 | <0.2 | 6 | 3 | 37 | 1 |
| 43 | 44 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155887 | 1 | <0.05 | <0.2 | 2 | 3 | 38 | 5 |
| 44 | 45 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155888 | 1 | <0.05 | <0.2 | 2 | 2 | 40 | 2 |
| 45 | 46 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155889 | 1 | <0.05 | <0.2 | 2 | <2 | 34 | 2 |
| 46 | 47 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155890 | 1 | <0.05 | <0.2 | 2 | 2 | 29 | 1 |
| 47 | 48 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155891 | 1 | <0.05 | <0.2 | <2 | 2 | 29 | 1 |
| 48 | 49 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155892 | 1 | <0.05 | <0.2 | <2 | 2 | 22 | 1 |
| 49 | 50 | 0 | Phyllitic sediments with relatively abundant limonite veinlets parallel to foliation. | M 155893 | 1 | <0.05 | <0.2 | <2 | 2 | 24 | 1 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-5

LENGTH: 214.0 M.

| From | To | LITHOLOGY: Brecciated and sheared quartzites and argillite. Start of mineralized zone. |
|------|------|--|
| 50.0 | 67.5 | COLOR: Mixed light grayish green, brownish maroon & white, all over printed with limonite staining. |
| | | PRIMARY STRUCTURE: Destroyed by alteration, mineralization and tectonics. |
| | | TECTONIC STRUCTURE: Foliation mainly at 52° to core axis, rarely at 35° to core axis. Pre-shearing quartz – pyrite mineralized breccia is evident, late quartz – carbonate – pyrite are deposited along planes of foliation. |
| | | GENERAL ALTERATION: Fine yellow sericitization occurs in and adjacent to all quartz veins and veinlets, it also follows all the planes of shearing. Carbonitization, overprints all other alteration and occurs as disseminations and in veinlets. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Quartz veins are Drusy these vugs are lined by quartz crystallines. These quartz veins host abundant subhedral to euhedral pyrite. Quartz – calcite – dolomite veins also host pyrite but generally less pyrite than quartz veins. Original crackle breccia is healed by microcrystalline watery quartz and dolomite. This original breccia rarely hosts much pyrite. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 50 | 50.5 | 0 | Mainly quartz, well mineralized by pyrite. | M 155894 | 0.5 | <0.05 | <0.2 | 17 | 23 | 5 | 4 |
| 50.5 | 51 | 0 | Mainly quartz, well mineralized by pyrite. | M 155895 | 0.5 | <0.05 | <0.2 | 5 | 2 | 10 | 4 |
| 51 | 51.5 | 0 | Mainly quartz, well mineralized by pyrite. | M 155896 | 0.5 | <0.05 | <0.2 | 10 | 2 | 7 | 3 |
| 51.5 | 52.5 | 0 | Mainly quartz, well mineralized by pyrite. | M 155897 | 1 | <0.05 | <0.2 | 9 | 2 | 19 | 3 |
| 52.5 | 53.5 | 0 | Brecciated sheared sediments with thin quartz and quartz carbonate veinlets all host minor pyrite. | M 155898 | 1 | <0.05 | <0.2 | 6 | 2 | 9 | 3 |
| 53.5 | 54.5 | 0 | Brecciated sheared sediments with thin quartz and quartz carbonate veinlets all host minor pyrite. | M 155899 | 1 | <0.05 | <0.2 | 9 | 3 | 14 | 7 |
| 54.5 | 55.5 | 0 | Brecciated sheared sediments with thin quartz and quartz carbonate veinlets all host minor pyrite. | M 155900 | 1 | <0.05 | <0.2 | 7 | 2 | 13 | 2 |
| 55.5 | 56.5 | 0 | Brecciated sheared sediments with thin quartz and quartz carbonate veinlets all host minor pyrite. | M 155901 | 1 | <0.05 | <0.2 | 10 | 8 | 21 | 9 |
| 56.5 | 57.5 | 0 | Brecciated sheared sediments with thin quartz and quartz carbonate veinlets all host minor pyrite. | M 155902 | 1 | <0.05 | <0.2 | 9 | 15 | 9 | 2 |
| 57.5 | 58.5 | 0 | Brecciated sheared sediments with thin quartz and quartz carbonate veinlets all host minor pyrite. | M 155903 | 1 | <0.05 | <0.2 | 13 | 132 | 78 | 6 |
| 58.5 | 59.5 | 0 | Brecciated sheared sediments with thin quartz and quartz carbonate veinlets all host minor pyrite. | M 155904 | 1 | <0.05 | <0.2 | 8 | 5 | 12 | 3 |
| STND | | 0 | 10:00 PM | M 155905 | | NSS | 1.8 | 5590 | 25 | 100 | 69 |
| 59.5 | 60 | 0 | Brecciated sheared sediments with thin quartz and quartz carbonate veinlets all host minor pyrite. | M 155906 | 0.5 | <0.05 | <0.2 | 25 | 12 | 18 | 3 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z-03-5
LENGTH: 214.0 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 60 | 60.5 | 0 | Brecciated sheared sediments with thin quartz and quartz carbonate veinlets all host minor pyrite. | M 155907 | 0.5 | <0.05 | <0.2 | 5 | 8 | 7 | 2 |
| 60.5 | 61 | 0 | Brecciated sheared sediments with thin quartz and quartz carbonate veinlets all host minor pyrite. | M 155908 | 0.5 | <0.05 | <0.2 | 4 | 10 | 12 | 3 |
| 61 | 61.5 | 0 | Brecciated sheared sediments with thin quartz and quartz carbonate veinlets all host minor pyrite. | M 155909 | 0.5 | <0.05 | <0.2 | 7 | 11 | 10 | 4 |
| 61.5 | 62 | 0 | Brecciated sheared sediments with thin quartz and quartz carbonate veinlets all host minor pyrite. | M 155910 | 0.5 | <0.05 | <0.2 | 8 | 7 | 9 | 4 |
| 62 | 62.5 | 0 | Brecciated sheared sediments with thin quartz and quartz carbonate veinlets all host minor pyrite. | M 155911 | 0.5 | <0.05 | <0.2 | 12 | 7 | 7 | 3 |
| 62.5 | 63 | 0 | Brecciated sheared sediments with thin quartz and quartz carbonate veinlets all host minor pyrite. | M 155912 | 0.5 | <0.05 | <0.2 | 8 | 6 | 17 | 8 |
| 63 | 63.5 | 0 | Brecciated sheared sediments with thin quartz and quartz carbonate veinlets all host minor pyrite. | M 155913 | 0.5 | <0.05 | 0.5 | 8 | 216 | 2620 | 23 |
| 63.5 | 64 | 0 | Brecciated sheared sediments with thin quartz and quartz carbonate veinlets all host minor pyrite. | M 155914 | 0.5 | <0.05 | <0.2 | 5 | 3 | 15 | 2 |
| 64 | 64.5 | 0 | Brecciated sheared sediments with thin quartz and quartz carbonate veinlets all host minor pyrite. | M 155915 | 0.5 | <0.05 | <0.2 | 4 | 6 | 7 | 4 |
| 64.5 | 65 | 0 | Brecciated sheared sediments with thin quartz and quartz carbonate veinlets all host minor pyrite. | M 155916 | 0.5 | <0.05 | 0.6 | 11 | 516 | 150 | 7 |
| 65 | 65.5 | 0 | Brecciated sheared sediments with thin quartz and quartz carbonate veinlets all host minor pyrite. | M 155917 | 0.5 | <0.05 | <0.2 | 5 | 68 | 59 | 5 |
| 65.5 | 66 | 0 | Brecciated sheared sediments with thin quartz and quartz carbonate veinlets all host minor pyrite. | M 155918 | 0.5 | <0.05 | <0.2 | 6 | 9 | 16 | 3 |
| 66 | 66.5 | 0 | Brecciated sheared sediments with thin quartz and quartz carbonate veinlets all host minor pyrite. | M 155919 | 0.5 | <0.05 | <0.2 | 8 | 4 | 12 | 4 |
| 66.5 | 67 | 0 | Brecciated sheared sediments with thin quartz and quartz carbonate veinlets all host minor pyrite. | M 155920 | 0.5 | <0.05 | <0.2 | 4 | 5 | 8 | 7 |
| 67 | 67.5 | 0 | Brecciated sheared sediments with thin quartz and quartz carbonate veinlets all host minor pyrite. | M 155921 | 0.5 | <0.05 | <0.2 | 10 | 5 | 23 | 4 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-5

LENGTH: 214.0 M.

| From | To | LITHOLOGY: Mainly quartz with scattered clasts and bands of altered sediments, this interval 80% white bull quartz. |
|------|------|---|
| 67.5 | 78.0 | COLOR: White with light green patches and bands. |
| | | PRIMARY STRUCTURE: Nil. |
| | | TECTONIC STRUCTURE: Quartz vein contact at top is irregular and about 65° to core axis, clasts within the white bull quartz show an intensely developed early crackle breccia, which is healed by micro-crystalline watery quartz. |
| | | GENERAL ALTERATION: Clasts within the quartz are intensely silicified and sericitized carbonate alteration in this section is very rare. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: 68.0 to 70.5 25% pyrite, which occur in massive stylonitic type structures up to 1 cm thick. Rare specks of galena, sphalerite and tetrahedrite were noted in this interval. Most of the pyrite mineralization is hosted in the Drusy white bull quartz, however, finely disseminated pyrite occurs in the altered finely crackle brecciated clasts within the white quartz. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 67.5 | 68 | 0 | Vuggy limonitic (after pyrite) white quartz. | M 155922 | 0.5 | <0.05 | <0.2 | 39 | 12 | 70 | 14 |
| 68 | 68.5 | 0 | Vuggy limonitic (after pyrite) white quartz. | M 155923 | 0.5 | <0.05 | 0.4 | 71 | 162 | 24 | 12 |
| 68.5 | 69 | 0 | Abundant fresh pyrite in quartz. | M 155924 | 0.5 | <0.05 | 0.2 | 55 | 57 | 42 | 6 |
| 69 | 69.5 | 0 | Abundant fresh pyrite in quartz. | M 155925 | 0.5 | <0.05 | <0.2 | 44 | 60 | 4 | 4 |
| STND | | 0 | 7 PA | M 155926 | | NSS | <0.2 | 2430 | 29 | 15 | 35 |
| 69.5 | 70 | 0 | 25% pyrite in quartz, rare galena, sphalerite and tetrahedrite. | M 155927 | 0.5 | <0.05 | 0.7 | 45 | 186 | 34 | 13 |
| 70 | 70.5 | 0 | 25% pyrite in quartz, rare galena, sphalerite and tetrahedrite. | M 155928 | 0.5 | <0.05 | 1.8 | 59 | 304 | 12 | 61 |
| 70.5 | 71 | 0 | | M 155929 | 0.5 | <0.05 | 0.3 | 16 | 65 | 4 | 10 |
| 71 | 71.5 | 0 | Abundant pyrite in quartz. | M 155930 | 0.5 | <0.05 | <0.2 | 17 | 24 | 15 | 15 |
| 71.5 | 72 | 0 | Abundant pyrite in quartz. | M 155931 | 0.5 | <0.05 | <0.2 | 12 | 8 | 5 | 6 |
| 72 | 72.5 | 0 | Abundant pyrite in quartz. | M 155932 | 0.5 | <0.05 | <0.2 | 14 | 10 | 8 | 6 |
| 72.5 | 73 | 0 | Abundant pyrite in quartz. | M 155933 | 0.5 | <0.05 | 0.2 | 26 | 27 | 31 | 16 |
| 73 | 73.5 | 0 | Abundant pyrite in quartz. | M 155934 | 0.5 | <0.05 | <0.2 | 20 | 12 | 38 | 8 |
| 73.5 | 74 | 0 | Abundant pyrite in quartz. | M 155935 | 0.5 | <0.05 | <0.2 | 13 | 19 | 7 | 16 |
| 74 | 74.5 | 0 | Abundant pyrite in quartz. | M 155936 | 0.5 | <0.05 | <0.2 | 16 | 11 | 14 | 6 |
| 74.5 | 75 | 0 | Abundant pyrite in quartz. | M 155937 | 0.5 | <0.05 | <0.2 | 23 | 25 | 26 | 15 |
| 75 | 75.5 | 0 | Abundant pyrite in quartz. | M 155938 | 0.5 | <0.05 | <0.2 | 14 | 18 | 13 | 16 |
| 75.5 | 76 | 0 | Abundant pyrite in quartz. | M 155939 | 0.5 | <0.05 | <0.2 | 5 | 17 | 2 | 5 |
| 76 | 76.5 | 0 | Quartz with 70% pyrite and rare galena. | M 155940 | 0.5 | <0.05 | 0.4 | 9 | 178 | <2 | 12 |
| 76.5 | 77 | 0 | Abundant pyrite in quartz. | M 155941 | 0.5 | <0.05 | <0.2 | 6 | 72 | <2 | 11 |
| 77 | 77.5 | 0 | Abundant pyrite in quartz. | M 155942 | 0.5 | <0.05 | <0.2 | 23 | 31 | 6 | 7 |
| 77.5 | 78 | 0 | Abundant pyrite in quartz. | M 155943 | 0.5 | <0.05 | 0.2 | 19 | 32 | 15 | 13 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z-03-5
LENGTH: 214.0 M.

| From | To | LITHOLOGY: altered sediments mainly argillite. |
|------|------|---|
| 78.0 | 86.5 | COLOR: Light greenish grey. |
| | | PRIMARY STRUCTURE: Destroyed by alteration. |
| | | TECTONIC STRUCTURE: Weakly developed foliation at 60° to core axis. |
| | | GENERAL ALTERATION: Generally sericitic. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Rare disseminated pyrite in argillite and in rare hairline veinlets. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|----|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 78 | 79 | 0 | Altered sediments rare pyrite in hairline fractures. | M 155944 | 1 | <0.05 | <0.2 | 21 | 9 | 67 | 7 |
| 79 | 80 | 0 | Altered sediments rare pyrite in hairline fractures. | M 155945 | 1 | <0.05 | 0.4 | 118 | 37 | 78 | 13 |
| 80 | 81 | 0 | Altered sediments rare pyrite in hairline fractures. | M 155946 | 1 | <0.05 | <0.2 | 15 | 5 | 22 | 3 |
| 81 | 82 | 0 | Altered sediments rare pyrite in hairline fractures. | M 155947 | 1 | <0.05 | <0.2 | 18 | 6 | 40 | 4 |
| 82 | 83 | 0 | Altered sediments rare pyrite in hairline fractures. | M 155948 | 1 | <0.05 | <0.2 | 15 | 3 | 24 | 4 |
| STND | | 0 | 7 pa | M 155949 | | NSS | <0.2 | 2480 | 33 | 15 | 36 |
| 83 | 84 | 0 | Altered sediments rare pyrite in hairline fractures. | M 155950 | 1 | <0.05 | <0.2 | 27 | 5 | 30 | 5 |
| 84 | 85 | 0 | Altered sediments rare pyrite in hairline fractures. | M 155951 | 1 | <0.05 | <0.2 | 67 | 2 | 21 | 5 |
| 85 | 86 | 0 | Altered sediments rare pyrite in hairline fractures. | M 155952 | 1 | <0.05 | <0.2 | 19 | 4 | 21 | 3 |
| 86 | 87 | 0 | Mylonitic sediments. | M 155953 | 1 | <0.05 | <0.2 | 7 | 3 | 17 | 5 |
| 87 | 88 | 0 | Mylonitic sediments. | M 155954 | 1 | <0.05 | <0.2 | 4 | 3 | 21 | 4 |
| 88 | 89 | 0 | Mylonitic sediments. | M 155955 | 1 | <0.05 | <0.2 | 2 | 2 | 20 | 3 |
| 89 | 90 | 0 | Mylonitic sediments. | M 155956 | 1 | <0.05 | <0.2 | 5 | 2 | 15 | 12 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z-03-5
LENGTH: 214.0 M.

| From | To | LITHOLOGY: Sericitic, limonitic phyllite. |
|------|-------|--|
| 90.0 | 104.5 | COLOR: Yellowish green, yellowish light gray overprinted by streaks and specks of brown. |
| | | PRIMARY STRUCTURE: Destroyed by tectonics. |
| | | TECTONIC STRUCTURE: Foliation cuts core at 50°, cleavage generally slicken sided, cleavage rarely at 32° to core axis. |
| | | GENERAL ALTERATION: Intensely sericitized and carbonatized (Fe Ca). |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Quartz - Fe Ca veins follow cleavage, and are abundant. These veinlets range in size between 1mm and 10 mm. Pyrite is not abundant but does occur in minor amounts in veinlets. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|-------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 90 | 91 | 0 | Limonitic phyllite, quartz - Fe Ca veinlets follow cleavage. | M 155957 | 1 | <0.05 | <0.2 | 2 | 3 | 16 | 3 |
| 91 | 92 | 0 | Limonitic phyllite, quartz - Fe Ca veinlets follow cleavage. | M 155958 | 1 | <0.05 | <0.2 | 3 | 3 | 14 | 3 |
| 92 | 93 | 0 | Limonitic phyllite, quartz - Fe Ca veinlets follow cleavage. | M 155959 | 1 | <0.05 | <0.2 | 3 | 4 | 30 | 6 |
| 93 | 94 | 0 | Limonitic phyllite, quartz - Fe Ca veinlets follow cleavage. | M 155960 | 1 | <0.05 | <0.2 | 3 | 4 | 32 | 7 |
| 94 | 95 | 0 | Limonitic phyllite, quartz - Fe Ca veinlets follow cleavage. | M 155961 | 1 | <0.05 | <0.2 | 4 | 4 | 25 | 6 |
| 95 | 96 | 0 | Limonitic phyllite, quartz - Fe Ca veinlets follow cleavage. | M 155962 | 1 | <0.05 | <0.2 | 6 | 3 | 28 | 2 |
| 96 | 97 | 90 | Limonitic phyllite, quartz - Fe Ca veinlets follow cleavage. | M 155963 | 1 | <0.05 | <0.2 | 5 | 3 | 31 | 3 |
| 97 | 98 | 0 | Limonitic phyllite, quartz - Fe Ca veinlets follow cleavage. | M 155964 | 1 | <0.05 | <0.2 | 3 | <2 | 23 | 4 |
| 98 | 99 | 0 | Limonitic phyllite, quartz - Fe Ca veinlets follow cleavage. | M 155965 | 1 | <0.05 | <0.2 | 2 | <2 | 17 | 5 |
| 99 | 100 | 0 | Limonitic phyllite, quartz - Fe Ca veinlets follow cleavage. | M 155966 | 1 | <0.05 | <0.2 | <2 | <2 | 15 | 4 |
| 100 | 101 | 0 | Limonitic phyllite, quartz - Fe Ca veinlets follow cleavage. | M 155967 | 1 | <0.05 | <0.2 | 3 | <2 | 23 | 4 |
| 101 | 102 | 0 | Limonitic phyllite, quartz - Fe Ca veinlets follow cleavage. | M 155968 | 1 | <0.05 | <0.2 | 3 | 2 | 13 | 4 |
| 102 | 103 | 0 | Limonitic phyllite, quartz - Fe Ca veinlets follow cleavage. | M 155969 | 1 | <0.05 | <0.2 | 3 | 2 | 10 | 3 |
| 103 | 104 | 0 | Limonitic phyllite, quartz - Fe Ca veinlets follow cleavage. | M 155970 | 1 | <0.05 | <0.2 | 5 | 3 | 20 | 4 |
| 104 | 104.5 | 0 | Limonitic phyllite, quartz - Fe Ca veinlets follow cleavage. | M 155971 | 0.5 | <0.05 | <0.2 | 6 | 3 | 14 | 4 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z-03-5
LENGTH: 214.0 M.

| From | To | LITHOLOGY: Quartz - phyllite breccia (approximately 50% quartz and dolomite). |
|-------|-------|--|
| 104.5 | 115.6 | COLOR: White quartz and late green late brown and brown phyllite. |
| | | PRIMARY STRUCTURE: Nil. |
| | | TECTONIC STRUCTURE: Quartz veins cut core at all angles, but the dominate angle is 58° to core axis. |
| | | GENERAL ALTERATION: Sericitization forms in and around quartz - carbonate veins. The phyllite is mainly sercite, late stylolitic veinlets of coarsely crystalline light green muscovite are locally abundant. Limonite after Fe - Carbonate (siderite and dolomite) is common throughout interval. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Quartz and dolomite forms all of the veins which from the matrix of breccia, siderite is rare. The quartz is generally white and drusy. Pyrite is not abundant in this interval, but is present as weak disseminations in phyllite and along the edges of quartz - carbonate veins. 114.5 to 115.5 rare galena was noted. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 104.5 | 105 | 0 | Phyllitic quartz breccia, quartz - carbonate veins abundant weak pyrite mineralization. | M 155972 | 0.5 | 1.94 | 16.2 | 44 | 3060 | 541 | 495 |
| 105 | 105.5 | 0 | Phyllitic quartz breccia, quartz - carbonate veins abundant weak pyrite mineralization. | M 155973 | 0.5 | 0.29 | 2.2 | 28 | 260 | 105 | 121 |
| 105.5 | 106 | 0 | Phyllitic quartz breccia, quartz - carbonate veins abundant weak pyrite mineralization. | M 155974 | 0.5 | <0.05 | <0.2 | 8 | 5 | 13 | 3 |
| 106 | 106.5 | 0 | Phyllitic quartz breccia, quartz - carbonate veins abundant weak pyrite mineralization. | M 155975 | 0.5 | <0.05 | <0.2 | 8 | 6 | 10 | 8 |
| 106.5 | 107 | 0 | Phyllitic quartz breccia, quartz - carbonate veins abundant weak pyrite mineralization. | M 155976 | 0.5 | <0.05 | <0.2 | 21 | <2 | 30 | 5 |
| 107 | 107.5 | 0 | Phyllitic quartz breccia, quartz - carbonate veins abundant weak pyrite mineralization. | M 155977 | 0.5 | <0.05 | <0.2 | 11 | 6 | 17 | 10 |
| 107.5 | 108 | 0 | Phyllitic quartz breccia, quartz - carbonate veins abundant weak pyrite mineralization. | M 155978 | 0.5 | <0.05 | <0.2 | 16 | 5 | 13 | 4 |
| 108 | 108.5 | 0 | Phyllitic quartz breccia, quartz - carbonate veins abundant weak pyrite mineralization. | M 155979 | 0.5 | <0.05 | <0.2 | 14 | 7 | 9 | 7 |
| 108.5 | 109 | 0 | Phyllitic quartz breccia, quartz - carbonate veins abundant weak pyrite mineralization. | M 155980 | 0.5 | <0.05 | <0.2 | 10 | 5 | 6 | 5 |
| 109 | 109.5 | 0 | Phyllitic quartz breccia, quartz - carbonate veins abundant weak pyrite mineralization. | M 155981 | 0.5 | <0.05 | <0.2 | 19 | 9 | 6 | 5 |
| 109.5 | 110 | 0 | Phyllitic quartz breccia, quartz - carbonate veins abundant weak pyrite mineralization. | M 155982 | 0.5 | <0.05 | <0.2 | 14 | 11 | 44 | 10 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-5

LENGTH: 214.0 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|---------------|---|---------------|-------|-----------|-----------|-----------|-----------|-----------|-----------|
| 110 | 110.5 | 0 | Phyllitic quartz breccia, quartz - carbonate veins abundant weak pyrite mineralization. | M 155983 | 0.5 | <0.05 | <0.2 | 13 | 5 | 8 | 7 |
| 110.5 | 111 | 0 | Phyllitic quartz breccia, quartz - carbonate veins abundant weak pyrite mineralization. | M 155984 | 0.5 | <0.05 | <0.2 | 23 | 14 | 18 | 4 |
| STND | | 0 | 2 PA | M 155985 | | NSS | <0.2 | 748 | 32 | 1340 | 33 |
| 111 | 111.5 | 0 | | M 155986 | 0.5 | <0.05 | <0.2 | 6 | 7 | 15 | 4 |
| 111.5 | 112 | 0 | | M 155987 | 0.5 | <0.05 | <0.2 | 7 | 11 | 10 | 8 |
| 112 | 112.5 | 0 | | M 155988 | 0.5 | <0.05 | <0.2 | 12 | 16 | 21 | 5 |
| 112.5 | 113 | 0 | | M 155989 | 0.5 | <0.05 | <0.2 | 41 | 80 | 15 | 4 |
| 113 | 113.5 | 0 | | M 155990 | 0.5 | <0.05 | <0.2 | 85 | 21 | 11 | 2 |
| 113.5 | 114 | 0 | | M 155991 | 0.5 | <0.05 | <0.2 | 13 | 18 | 14 | 6 |
| 114 | 114.5 | 0 | | M 155992 | 0.5 | <0.05 | <0.2 | 20 | 18 | 27 | 7 |
| 114.5 | 115 | 0 | | M 155993 | 0.5 | <0.05 | <0.2 | 30 | 93 | 16 | 5 |
| 115 | 115.5 | 0 | | M 155994 | 0.5 | <0.05 | <0.2 | 12 | 71 | 14 | 5 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z-03-5
LENGTH: 214.0 M.

| From | To | LITHOLOGY: Altered greenstone dyke, consists of talc, sercite, rare quartz leucoxene and Fe-carbonate. 121.7 to 124.5 phyllite screen in dyke. |
|-------|-------|---|
| 115.6 | 128.5 | COLOR: Generally brown. |
| | | TEXTURE: Finely crystalline. |
| | | TECTONIC STRUCTURE: Weakly foliated at 32° to core axis. |
| | | GENERAL ALTERATION: Greenstone is totally altered to talc, sercite, Fe-carbonate and leucoxene, contacted with greenstone (gabbro) at 128.5 is gradational. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Rare disseminated euhedral pyrite locally pyrite is abundantly disseminated – along the planes of foliation. 124.5 to 126.5 quartz – carbonate veins are relatively abundant, range in thickness 1 cm to 2 cm at 124.5 thin veinlet of aragonite. 121.7 to 124.5 highly limonite phyllite with abundant pyrite veinlets locally. 127.5 to 128.5 finely disseminated pyrite is relatively abundant and rare chalcopyrite is noted. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 115.5 | 116 | 0 | Altered greenstone dyke, weakly foliated with fine crystals along planes of cleavage. | M 155995 | 0.5 | 0.05 | 0.4 | 94 | 66 | 34 | 12 |
| 116 | 116.5 | 0 | Altered greenstone dyke, weakly foliated with fine crystals along planes of cleavage. | M 155996 | 0.5 | <0.05 | <0.2 | 62 | <2 | 69 | 2 |
| 116.5 | 117.5 | 0 | Altered greenstone dyke, weakly foliated with fine crystals along planes of cleavage. | M 155997 | 1 | <0.05 | <0.2 | 61 | 4 | 58 | 4 |
| 117.5 | 118.5 | 0 | Altered greenstone dyke, weakly foliated with fine crystals along planes of cleavage. | M 155998 | 1 | <0.05 | <0.2 | 68 | 4 | 86 | 3 |
| 118.5 | 119.5 | 0 | Altered greenstone dyke, weakly foliated with fine crystals along planes of cleavage. | M 155999 | 1 | <0.05 | <0.2 | 36 | <2 | 69 | 29 |
| 119.5 | 120.5 | 0 | Altered greenstone dyke, weakly foliated with fine crystals along planes of cleavage. | M 156000 | 1 | <0.05 | <0.2 | 37 | 3 | 74 | 49 |
| 120.5 | 121.5 | 0 | Altered greenstone dyke, weakly foliated with fine crystals along planes of cleavage. | M 170301 | 1 | <0.05 | 0.2 | 17 | 2 | 81 | 72 |
| 121.5 | 122.5 | | Altered greenstone dyke, weakly foliated with fine crystals along planes of cleavage. | M 170302 | 1 | <0.05 | <0.2 | 25 | <2 | 30 | 13 |
| 122.5 | 123.5 | 0 | Altered greenstone dyke, weakly foliated with fine crystals along planes of cleavage, abundant pyrite veinlets. | M 170303 | 1 | <0.05 | <0.2 | 23 | 2 | 11 | 7 |
| 123.5 | 124.5 | 0 | Altered greenstone dyke, weakly foliated with fine crystals along planes of cleavage, abundant pyrite veinlets. | M 170304 | 1 | <0.05 | <0.2 | 23 | 8 | 45 | 59 |
| 124.5 | 125.5 | 0 | Altered greenstone dyke, weakly foliated with fine crystals along planes of cleavage, abundant quartz carbonate veins. | M 170305 | 1 | <0.05 | 1.9 | 81 | 8 | 90 | 242 |
| 125.5 | 126 | 0 | Altered greenstone dyke, weakly foliated with fine crystals along planes of cleavage, abundant quartz carbonate veins. | M 170306 | 0.5 | <0.05 | 0.5 | 86 | 8 | 59 | 95 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z-03-5
LENGTH: 214.0 M.

| From | To | LITHOLOGY: Calcareous, ilmenitic greenstone dyke (gabbro?). Dyke is strongly magnetic. |
|-------|-------|---|
| 128.5 | 153.0 | COLOR: Dark Green. |
| | | TEXTURE: Equigranular, finely crystalline. |
| | | TECTONIC STRUCTURE: : Strongly fractured mainly at 68° to core, with some at 30° to core. 3 to 5 veinlets per 10 cms. |
| | | GENERAL ALTERATION: Ilmenite in areas adjacent to calcite-quartz veinlets is altered to leucoxene, matrix is mainly altered to sericite and chlorite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Chalcopyrite, minor pyrite is disseminated throughout Greenstone dyke. Chalcopyrite occurs in the dyke and in late calcite – quartz veinlets. Estimate less than 1% chalcopyrite. Ilmenite forms 10 to 15% of Greenstone dyke. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 128.5 | 129.5 | 0 | Fresh greenstone, abundant quartz - calcite veinlets, 20 -to 15% disseminated ilmenite in greenstone, weakly disseminated chalco in greenstone. | M 170313 | 1 | <0.05 | 0.2 | 17 | 8 | 88 | 221 |
| 129.5 | 130.5 | 0 | Fresh greenstone, abundant quartz - calcite veinlets, 20 -to 15% disseminated ilmenite in greenstone, weakly disseminated chalco in greenstone. | M 170314 | 1 | <0.05 | 0.3 | 9 | 6 | 93 | 234 |
| 130.5 | 131.5 | 0 | Fresh greenstone, abundant quartz - calcite veinlets, 20 -to 15% disseminated ilmenite in greenstone, weakly disseminated chalco in greenstone. | M 170315 | 1 | <0.05 | 0.3 | 6 | 6 | 97 | 211 |
| 131.5 | 132.5 | 0 | Fresh greenstone, abundant quartz - calcite veinlets, 20 -to 15% disseminated ilmenite in greenstone, weakly disseminated chalco in greenstone. | M 170316 | 1 | <0.05 | 0.2 | 5 | 5 | 98 | 209 |
| 132.5 | 133.5 | 0 | Fresh greenstone, abundant quartz - calcite veinlets, 20 -to 15% disseminated ilmenite in greenstone, weakly disseminated chalco in greenstone. | M 170317 | 1 | <0.05 | 0.5 | 4 | 6 | 106 | 307 |
| 133.5 | 134.5 | 0 | Fresh greenstone, abundant quartz - calcite veinlets, 20 -to 15% disseminated ilmenite in greenstone, weakly disseminated chalco in greenstone. | M 170318 | 1 | <0.05 | <0.2 | 6 | 7 | 109 | 215 |
| 134.5 | 135.5 | 0 | Fresh greenstone, abundant quartz - calcite veinlets, 20 -to 15% disseminated ilmenite in greenstone, weakly disseminated chalco in greenstone. | M 170319 | 1 | <0.05 | 0.4 | 38 | 5 | 102 | 224 |
| 135.5 | 136.5 | 0 | Fresh greenstone, abundant quartz - calcite veinlets, 20 -to 15% disseminated ilmenite in greenstone, weakly disseminated chalco in greenstone. | M 170320 | 1 | <0.05 | 0.2 | 9 | 22 | 113 | 258 |

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DRILL HOLE RECORD
HOLE #: Z-03-5
LENGTH: 214.0 M.

| | | | | | | | | | | | | |
|-------|-------|---|---|---|--------|-----|-------|------|------|----|-----|-----|
| 136.5 | 137.5 | 0 | Fresh greenstone, abundant quartz - calcite veinlets, 20 -to 15% disseminated ilmenite in greenstone, weakly disseminated chalco in greenstone. | M | 170321 | 1 | <0.05 | 0.4 | 4 | 5 | 121 | 278 |
| 137.5 | 138.5 | 0 | Fresh greenstone, abundant quartz - calcite veinlets, 20 -to 15% disseminated ilmenite in greenstone, weakly disseminated chalco in greenstone. | M | 170322 | 1 | <0.05 | 0.3 | 6 | 48 | 107 | 217 |
| 138.5 | 139.5 | 0 | Fresh greenstone, abundant quartz - calcite veinlets, 20 -to 15% disseminated ilmenite in greenstone, weakly disseminated chalco in greenstone. | M | 170323 | 1 | <0.05 | 0.3 | 6 | 5 | 112 | 110 |
| 139.5 | 140.5 | 0 | Fresh greenstone, abundant quartz - calcite veinlets, 20 -to 15% disseminated ilmenite in greenstone, weakly disseminated chalco in greenstone. | M | 170324 | 1 | <0.05 | <0.2 | 9 | 7 | 109 | 109 |
| 140.5 | 141.5 | 0 | Fresh greenstone, abundant quartz - calcite veinlets, 20 -to 15% disseminated ilmenite in greenstone, weakly disseminated chalco in greenstone. | M | 170325 | 1 | <0.05 | 0.3 | 9 | 9 | 121 | 399 |
| 141.5 | 142.5 | 0 | Fresh greenstone, abundant quartz - calcite veinlets, 20 -to 15% disseminated ilmenite in greenstone, weakly disseminated chalco in greenstone. | M | 170326 | 1 | <0.05 | 0.2 | 6 | 3 | 104 | 204 |
| 142.5 | 143.5 | 0 | Fresh greenstone, abundant quartz - calcite veinlets, 20 -to 15% disseminated ilmenite in greenstone, weakly disseminated chalco in greenstone. | M | 170327 | 1 | <0.05 | 0.7 | 8 | 4 | 98 | 244 |
| 143.5 | 144.5 | 0 | Fresh greenstone, abundant quartz - calcite veinlets, 20 -to 15% disseminated ilmenite in greenstone, weakly disseminated chalco in greenstone. | M | 170328 | 1 | 0.2 | 0.6 | 13 | 7 | 111 | 189 |
| 144.5 | 145.5 | 0 | | M | 170329 | 1 | <0.05 | 0.3 | 7 | 8 | 104 | 204 |
| 145.5 | 146.5 | 0 | | M | 170330 | 1 | <0.05 | 0.4 | 9 | 9 | 98 | 219 |
| std | | 0 | | M | 170331 | 1 | NSS | 1.9 | 5400 | 25 | 102 | 75 |
| 146.5 | 147.5 | 0 | | M | 170332 | 1 | <0.05 | 0.3 | 8 | 5 | 105 | 221 |
| 147.5 | 148.5 | 0 | | M | 170333 | 1 | <0.05 | 0.3 | 6 | 10 | 130 | 262 |
| 148.5 | 149.5 | 0 | | M | 170334 | 1 | <0.05 | 0.4 | 8 | 4 | 113 | 253 |
| 149.5 | 150.5 | 0 | | M | 170335 | 1 | <0.05 | 0.2 | 8 | 4 | 104 | 190 |
| 150.5 | 151.5 | 0 | | M | 170336 | 1 | <0.05 | 0.3 | 9 | 41 | 155 | 257 |
| 151.5 | 152.5 | 0 | | M | 170337 | 1 | <0.05 | 0.4 | 7 | 5 | 97 | 219 |
| 152.5 | 153 | 0 | | M | 170338 | 0.5 | <0.05 | 0.7 | 14 | 3 | 104 | 183 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z-03-5
LENGTH: 214.0 M.

| From | To | LITHOLOGY: Altered greenstone as previously described. |
|-------|-------|--|
| 153.0 | 158.0 | COLOR: Light brown. |
| | | PRIMARY STRUCTURE: Very finely crystalline. |
| | | TECTONIC STRUCTURE: Calcite – quartz veins as previously described. |
| | | GENERAL ALTERATION: As previously described. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Rare disseminated pyrite, pyrite also occurs in veinlets and in altered dyke. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|-----|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 153 | 154 | 0 | Altered greenstone as previously described; rare of disseminated pyrite. | M 170339 | 1 | 0.65 | 3.7 | 1980 | 31 | 96 | 893 |
| 154 | 155 | 0 | Altered greenstone as previously described; rare of disseminated pyrite. | M 170340 | 1 | <0.05 | 0.5 | 323 | 5 | 122 | 228 |
| 155 | 156 | 0 | Altered greenstone as previously described; rare of disseminated pyrite. | M 170341 | 1 | <0.05 | 0.6 | 217 | 9 | 107 | 210 |
| 156 | 157 | 0 | Altered greenstone as previously described; rare of disseminated pyrite. | M 170342 | 1 | <0.05 | 0.4 | 115 | 46 | 112 | 173 |
| 157 | 158 | 0 | Altered greenstone as previously described; rare of disseminated pyrite. | M 170343 | 1 | <0.05 | 0.3 | 58 | 5 | 98 | 13 |

| From | To | LITHOLOGY: Siltstone, minor quartzite, interbedded argillite. Argillite forms less than 5% of this unit. |
|-------|-------|---|
| 158.0 | 186.5 | COLOR: Light green siltstone banded maroon, light green argillite. |
| | | PRIMARY STRUCTURE: Medium to thin bedded, bedding sharp and wavy. Siltstone beds are fine grained. Argillite are generally thin and distorted by soft sediment deformation. Bedding to core at 178.0 = 80°, at 193.0 = 70°. |
| | | TECTONIC STRUCTURE: NIL. |
| | | GENERAL ALTERATION: (Regional) Siltstone matrix totally altered to sericite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Rare Pyrite. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | LITHOLOGY: Quartzite minor interbedded argillite (less than 2% argillite). |
|--------|-------|---|
| 186.5 | 214.0 | COLOR: Maroon quartzites, thin olive grey argillite beds. |
| END OF | HOLE | PRIMARY STRUCTURE: Medium to thin bedded bedding is distinct. |
| | | TECTONIC STRUCTURE: NIL. |
| | | GENERAL ALTERATION: Only regional silicification and sericitization; quartzites are all weakly hematitic. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Nil. |
| | | ADDITIONAL OBSERVATIONS: |



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Page #: 1
Date : 16-Jul-2003
Account: NJY

CERTIFICATE VA03024107

Project : Z-03-05

P.O. No:

This report is for 59 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 7-Jul-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| CRU-21 | Crush entire sample 70% < 6 mm |
| PUL-21 | Pulverize entire sample |
| LOG-24 | Pulp Login - Rcd w/o Barcode |
| SCR-21 | Screen to -100 um |
| LOG-22 | Sample login - Rcd w/o BarCode |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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 Total # of pages : 3 (A - C)
 Date : 16-Jul-2003
 Account: NJY

Project : Z-03-05

CERTIFICATE OF ANALYSIS VA03024107

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25 Au Check ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|------------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M155846 | | 1.66 | <0.05 | <0.05 | <0.05 | <0.001 | 23.62 | 1533.0 | <0.01 | | <0.01 | <0.2 | 0.44 | 3 | <10 | 70 |
| M155847 | | 1.82 | <0.05 | <0.05 | <0.05 | <0.001 | 35.47 | 1703.0 | 0.01 | | 0.01 | <0.2 | 0.45 | 7 | <10 | 50 |
| M155848 | | 2.14 | <0.05 | <0.05 | <0.05 | <0.001 | 13.64 | 2013 | <0.01 | | <0.01 | <0.2 | 0.45 | 2 | <10 | 60 |
| M155849 | | 2.56 | <0.05 | <0.05 | <0.05 | <0.001 | 24.46 | 2420 | 0.01 | | <0.01 | <0.2 | 0.33 | <2 | <10 | 50 |
| M155850 | | 2.16 | <0.05 | <0.05 | <0.05 | <0.001 | 15.86 | 2025 | 0.01 | | 0.01 | <0.2 | 0.32 | 3 | <10 | 250 |
| M155851 | | 2.04 | <0.05 | <0.05 | <0.05 | <0.001 | 37.09 | 1928.5 | <0.01 | | <0.01 | <0.2 | 0.41 | <2 | <10 | 70 |
| M155852 | | 2.12 | <0.05 | <0.05 | <0.05 | <0.001 | 6.17 | 2016 | 0.01 | | <0.01 | <0.2 | 0.44 | <2 | <10 | 70 |
| M155853 | | 2.06 | <0.05 | <0.05 | <0.05 | <0.001 | 16.30 | 1983.0 | <0.01 | | 0.01 | <0.2 | 0.46 | 2 | <10 | 90 |
| M155854 | | 2.14 | <0.05 | <0.05 | <0.05 | <0.001 | 10.69 | 2035 | <0.01 | | <0.01 | <0.2 | 0.39 | <2 | <10 | 70 |
| M155855 | | 2.32 | <0.05 | <0.05 | <0.05 | <0.001 | 6.21 | 2240 | <0.01 | | <0.01 | <0.2 | 0.38 | 2 | <10 | 50 |
| M155856 | | 2.18 | <0.05 | <0.05 | <0.05 | <0.001 | 7.71 | 2091 | <0.01 | | 0.01 | <0.2 | 0.46 | 2 | <10 | 60 |
| M155857 | | 2.16 | <0.05 | <0.05 | <0.05 | <0.001 | 7.12 | 2128 | <0.01 | | <0.01 | <0.2 | 0.42 | 3 | <10 | 80 |
| M155858 | | 2.30 | <0.05 | <0.05 | <0.05 | <0.001 | 6.96 | 2219 | <0.01 | | <0.01 | <0.2 | 0.46 | 5 | <10 | 70 |
| M155859 | | 2.32 | <0.05 | <0.05 | <0.05 | <0.001 | 16.31 | 2173 | <0.01 | | <0.01 | <0.2 | 0.35 | 2 | <10 | 140 |
| M155860 | | 2.20 | <0.05 | <0.05 | <0.05 | <0.001 | 18.90 | 2093 | 0.02 | | <0.01 | <0.2 | 0.34 | <2 | <10 | 70 |
| M155861 | | 2.00 | <0.05 | <0.05 | <0.05 | <0.001 | 21.98 | 1805.5 | 0.01 | | 0.01 | <0.2 | 0.42 | <2 | <10 | 90 |
| M155862 | | 2.44 | <0.05 | <0.05 | <0.05 | <0.001 | 17.27 | 2294 | <0.01 | | <0.01 | <0.2 | 0.35 | <2 | <10 | 60 |
| M155863 | | 1.98 | <0.05 | <0.05 | <0.05 | <0.001 | 20.50 | 1882.0 | <0.01 | | <0.01 | <0.2 | 0.45 | 3 | <10 | 70 |
| M155864 | | 2.24 | <0.05 | <0.05 | <0.05 | <0.001 | 21.14 | 2122 | 0.01 | | <0.01 | <0.2 | 0.40 | 3 | <10 | 80 |
| M155864A | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 6.72 | | 6.60 | 1.4 | 3.06 | 5540 | <10 | 60 |
| M155865 | | 2.28 | <0.05 | <0.05 | <0.05 | <0.001 | 22.64 | 2160 | 0.02 | | 0.02 | <0.2 | 0.37 | 9 | <10 | 80 |
| M155866 | | 2.26 | <0.05 | <0.05 | <0.05 | <0.001 | 30.64 | 2121 | 0.01 | | <0.01 | <0.2 | 0.32 | 3 | <10 | 100 |
| M155867 | | 2.14 | <0.05 | <0.05 | <0.05 | <0.001 | 27.26 | 2038 | <0.01 | | 0.01 | <0.2 | 0.39 | 2 | <10 | 80 |
| M155868 | | 2.36 | <0.05 | <0.05 | <0.05 | <0.001 | 27.07 | 2230 | <0.01 | | <0.01 | <0.2 | 0.33 | <2 | <10 | 60 |
| M155869 | | 2.06 | <0.05 | <0.05 | <0.05 | <0.001 | 24.08 | 1944.0 | 0.01 | | 0.01 | <0.2 | 0.35 | 2 | <10 | 80 |
| M155870 | | 2.08 | <0.05 | <0.05 | <0.05 | <0.001 | 29.82 | 1989.0 | <0.01 | | <0.01 | <0.2 | 0.49 | <2 | <10 | 70 |
| M155871 | | 1.74 | <0.05 | <0.05 | <0.05 | <0.001 | 15.33 | 1620.0 | 0.01 | | <0.01 | <0.2 | 0.42 | <2 | <10 | 50 |
| M155872 | | 2.62 | <0.05 | <0.05 | <0.05 | <0.001 | 27.20 | 2468 | 0.01 | | <0.01 | <0.2 | 0.40 | <2 | <10 | 50 |
| M155873 | | 0.90 | <0.05 | <0.05 | <0.05 | <0.001 | 31.18 | 824.2 | <0.01 | | <0.01 | <0.2 | 0.50 | <2 | <10 | 60 |
| M155874 | | 1.60 | <0.05 | <0.05 | <0.05 | <0.001 | 13.62 | 1514.5 | <0.01 | | <0.01 | <0.2 | 0.51 | 2 | <10 | 70 |
| M155875 | | 2.02 | <0.05 | <0.05 | <0.05 | <0.001 | 20.70 | 1895.5 | 0.02 | | 0.03 | <0.2 | 0.37 | 9 | <10 | 70 |
| M155876 | | 2.28 | <0.05 | <0.05 | <0.05 | <0.001 | 19.49 | 2150 | <0.01 | | <0.01 | <0.2 | 0.37 | <2 | <10 | 60 |
| M155877 | | 2.54 | <0.05 | <0.05 | <0.05 | <0.001 | 17.18 | 2367 | <0.01 | | <0.01 | <0.2 | 0.31 | <2 | <10 | 40 |
| M155878 | | 1.48 | <0.05 | <0.05 | <0.05 | <0.001 | 25.94 | 1387.0 | <0.01 | | <0.01 | <0.2 | 0.50 | <2 | <10 | 60 |
| M155879 | | 2.26 | <0.05 | <0.05 | <0.05 | <0.001 | 26.99 | 2092 | <0.01 | | <0.01 | <0.2 | 0.29 | <2 | <10 | 70 |
| M155880 | | 1.48 | <0.05 | <0.05 | <0.05 | <0.001 | 21.08 | 1409.0 | <0.01 | | <0.01 | <0.2 | 0.47 | <2 | <10 | 80 |
| M155881 | | 2.48 | <0.05 | <0.05 | <0.05 | <0.001 | 28.44 | 2305 | 0.01 | | <0.01 | <0.2 | 0.24 | 2 | <10 | 60 |
| M155882 | | 2.00 | <0.05 | <0.05 | <0.05 | <0.001 | 36.38 | 1893.0 | 0.01 | | <0.01 | <0.2 | 0.34 | 2 | <10 | 40 |
| M155883 | | 2.84 | <0.05 | <0.05 | <0.05 | <0.001 | 26.69 | 2653 | <0.01 | | <0.01 | <0.2 | 0.45 | <2 | <10 | 80 |
| M155884 | | 2.06 | <0.05 | <0.05 | <0.05 | <0.001 | 19.00 | 1905.5 | 0.02 | | 0.01 | <0.2 | 0.47 | 2 | <10 | 70 |

Comments: NSS is non-sufficient sample.



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CERTIFICATE OF ANALYSIS VA03024107

| Sample Description | Method Analyte Units LOR | WEI-21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-AA25 | Au-AA25 | Au-AA25D | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-----------------------|----------------------|-------------------|-------------------------|-------------------|------------------|-----------------|----------------|----------------|-----------------|
| | | Recvd Wt kg 0.02 | Au Total ppm 0.05 | Au (+) F ppm 0.05 | Au (-) F ppm 0.05 | Au (+) m mg 0.001 | WT. + Fr g 0.01 | WT. - Fr g 0.1 | Au ppm 0.01 | Au Check ppm 0.01 | Au ppm 0.01 | Ag ppm 0.2 | Al % 0.01 | As ppm 2 | B ppm 10 | Ba ppm 10 |
| M155885 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 2.45 | 3.07 | 3.05 | <0.2 | 0.80 | 2460 | 10 | 160 |
| M155886 | | 1.68 | <0.05 | <0.05 | <0.05 | <0.001 | 17.05 | 1577.0 | <0.01 | | <0.01 | <0.2 | 0.63 | 6 | <10 | 80 |
| M155887 | | 2.18 | <0.05 | <0.05 | <0.05 | <0.001 | 18.41 | 2054 | 0.01 | | <0.01 | <0.2 | 0.58 | 2 | <10 | 70 |
| M155888 | | 1.94 | <0.05 | <0.05 | <0.05 | <0.001 | 21.61 | 1822.5 | <0.01 | | <0.01 | <0.2 | 0.56 | 2 | <10 | 70 |
| M155889 | | 2.40 | <0.05 | <0.05 | <0.05 | <0.001 | 21.01 | 2268 | <0.01 | | <0.01 | <0.2 | 0.48 | 2 | <10 | 70 |
| M155890 | | 2.38 | <0.05 | <0.05 | <0.05 | <0.001 | 19.91 | 2253 | <0.01 | | <0.01 | <0.2 | 0.48 | 2 | <10 | 90 |
| M155891 | | 2.44 | <0.05 | <0.05 | <0.05 | <0.001 | 24.79 | 2316 | <0.01 | | <0.01 | <0.2 | 0.53 | <2 | <10 | 200 |
| M155892 | | 2.14 | <0.05 | <0.05 | <0.05 | <0.001 | 19.88 | 2041 | <0.01 | | <0.01 | <0.2 | 0.48 | <2 | <10 | 90 |
| M155893 | | 2.16 | <0.05 | <0.05 | <0.05 | <0.001 | 14.24 | 2034 | <0.01 | | <0.01 | <0.2 | 0.46 | <2 | <10 | 70 |
| M155894 | | 1.38 | <0.05 | <0.05 | <0.05 | <0.001 | 22.49 | 1292.5 | <0.01 | | <0.01 | <0.2 | 0.33 | 17 | <10 | 40 |
| M155895 | | 1.96 | <0.05 | <0.05 | <0.05 | <0.001 | 16.69 | 1879.0 | <0.01 | | <0.01 | <0.2 | 0.44 | 5 | <10 | 50 |
| M155896 | | 0.68 | <0.05 | <0.05 | <0.05 | <0.001 | 16.63 | 648.1 | 0.01 | | <0.01 | <0.2 | 0.48 | 10 | <10 | 50 |
| M155897 | | 1.58 | <0.05 | <0.05 | <0.05 | <0.001 | 28.23 | 1498.0 | 0.01 | | 0.01 | <0.2 | 0.40 | 9 | <10 | 50 |
| M155898 | | 1.78 | <0.05 | <0.05 | <0.05 | <0.001 | 10.98 | 1707.0 | <0.01 | | <0.01 | <0.2 | 0.46 | 6 | <10 | 50 |
| M155899 | | 2.22 | <0.05 | <0.05 | <0.05 | <0.001 | 29.79 | 2131 | <0.01 | | <0.01 | <0.2 | 0.50 | 9 | <10 | 60 |
| M155900 | | 2.12 | <0.05 | <0.05 | <0.05 | <0.001 | 21.35 | 1989.0 | 0.01 | | <0.01 | <0.2 | 0.50 | 7 | <10 | 60 |
| M155901 | | 2.76 | <0.05 | <0.05 | <0.05 | <0.001 | 19.40 | 2649 | <0.01 | | <0.01 | <0.2 | 0.28 | 10 | <10 | 30 |
| M155902 | | 1.82 | <0.05 | <0.05 | <0.05 | <0.001 | 14.04 | 1712.5 | <0.01 | | <0.01 | <0.2 | 0.47 | 9 | <10 | 50 |
| M155903 | | 2.34 | <0.05 | <0.05 | <0.05 | <0.001 | 20.54 | 2237 | 0.01 | | <0.01 | <0.2 | 0.53 | 13 | <10 | 50 |

Comments: NSS is non-sufficient sample.



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Project : Z-03-05

CERTIFICATE OF ANALYSIS VA03024107

| Sample Description | Method Analyte Units LOR | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 |
|--------------------|-----------------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|
| M155846 | | <0.5 | <2 | 0.02 | <0.5 | 7 | 3 | 3 | 1.17 | <10 | <1 | 0.17 | 30 | 0.04 | 392 | <1 |
| M155847 | | <0.5 | <2 | 0.02 | <0.5 | 4 | 3 | 19 | 0.97 | <10 | <1 | 0.16 | 30 | 0.04 | 204 | <1 |
| M155848 | | <0.5 | <2 | 0.01 | <0.5 | 6 | 3 | 4 | 1.08 | <10 | <1 | 0.19 | 40 | 0.04 | 310 | <1 |
| M155849 | | <0.5 | <2 | 0.04 | <0.5 | 5 | 6 | 10 | 0.78 | <10 | 1 | 0.15 | 40 | 0.03 | 218 | 1 |
| M155850 | | <0.5 | <2 | 0.02 | <0.5 | 7 | 7 | 33 | 0.65 | <10 | <1 | 0.14 | 40 | 0.02 | 1655 | <1 |
| M155851 | | <0.5 | <2 | 0.01 | <0.5 | 4 | 4 | 6 | 0.96 | <10 | <1 | 0.19 | 40 | 0.03 | 244 | <1 |
| M155852 | | <0.5 | <2 | 0.01 | <0.5 | 8 | 3 | 1 | 1.64 | <10 | <1 | 0.17 | 30 | 0.03 | 327 | <1 |
| M155853 | | <0.5 | <2 | 0.01 | <0.5 | 7 | 4 | 2 | 1.70 | <10 | <1 | 0.19 | 30 | 0.03 | 371 | <1 |
| M155854 | | <0.5 | <2 | 0.03 | <0.5 | 8 | 4 | 2 | 1.28 | <10 | <1 | 0.18 | 30 | 0.04 | 373 | <1 |
| M155855 | | <0.5 | <2 | 0.03 | <0.5 | 9 | 8 | 2 | 2.04 | <10 | <1 | 0.17 | 30 | 0.03 | 321 | <1 |
| M155856 | | <0.5 | <2 | 0.04 | <0.5 | 11 | 8 | 1 | 2.77 | <10 | <1 | 0.21 | 30 | 0.04 | 376 | <1 |
| M155857 | | <0.5 | <2 | 0.07 | <0.5 | 11 | 7 | 1 | 2.48 | <10 | <1 | 0.21 | 30 | 0.04 | 415 | <1 |
| M155858 | | <0.5 | <2 | 0.11 | <0.5 | 11 | 6 | 7 | 2.93 | <10 | <1 | 0.21 | 40 | 0.03 | 302 | 1 |
| M155859 | | <0.5 | <2 | 0.04 | <0.5 | 12 | 5 | 2 | 2.23 | <10 | <1 | 0.17 | 30 | 0.02 | 795 | <1 |
| M155860 | | <0.5 | <2 | 0.06 | <0.5 | 8 | 6 | 2 | 1.80 | <10 | <1 | 0.18 | 30 | 0.03 | 307 | <1 |
| M155861 | | <0.5 | <2 | 0.07 | <0.5 | 10 | 6 | 2 | 2.26 | <10 | <1 | 0.23 | 40 | 0.04 | 383 | <1 |
| M155862 | | <0.5 | <2 | 0.05 | <0.5 | 8 | 4 | 3 | 1.76 | <10 | <1 | 0.18 | 30 | 0.03 | 256 | <1 |
| M155863 | | <0.5 | <2 | 0.08 | <0.5 | 9 | 4 | 1 | 2.23 | <10 | <1 | 0.23 | 30 | 0.03 | 350 | <1 |
| M155864 | | <0.5 | <2 | 0.07 | <0.5 | 9 | 4 | 2 | 2.39 | <10 | <1 | 0.20 | 30 | 0.02 | 344 | <1 |
| M155864A | | 2.2 | 3 | 0.81 | 0.6 | 23 | 291 | 67 | 4.24 | 10 | <1 | 1.03 | 30 | 1.16 | 1320 | 1 |
| M155865 | | <0.5 | <2 | 0.06 | <0.5 | 8 | 4 | 2 | 1.92 | <10 | <1 | 0.18 | 30 | 0.03 | 393 | <1 |
| M155866 | | <0.5 | <2 | 0.23 | <0.5 | 11 | 16 | 2 | 2.09 | <10 | <1 | 0.20 | 40 | 0.27 | 372 | <1 |
| M155867 | | <0.5 | <2 | 0.09 | <0.5 | 9 | 6 | 1 | 2.19 | <10 | <1 | 0.21 | 30 | 0.04 | 343 | <1 |
| M155868 | | <0.5 | <2 | 0.04 | <0.5 | 7 | 32 | 3 | 1.45 | <10 | <1 | 0.16 | 30 | 0.03 | 335 | 1 |
| M155869 | | <0.5 | <2 | 0.07 | <0.5 | 11 | 22 | 4 | 2.28 | <10 | <1 | 0.18 | 30 | 0.04 | 950 | 1 |
| M155870 | | <0.5 | <2 | 0.09 | <0.5 | 8 | 25 | 2 | 1.38 | <10 | <1 | 0.24 | 30 | 0.05 | 393 | <1 |
| M155871 | | <0.5 | <2 | 0.05 | <0.5 | 7 | 23 | 1 | 1.33 | <10 | <1 | 0.16 | 30 | 0.05 | 367 | <1 |
| M155872 | | <0.5 | <2 | 0.02 | <0.5 | 8 | 9 | 1 | 1.30 | <10 | <1 | 0.17 | 30 | 0.06 | 328 | <1 |
| M155873 | | <0.5 | <2 | 0.02 | <0.5 | 5 | 3 | 1 | 0.96 | <10 | <1 | 0.24 | 20 | 0.06 | 266 | <1 |
| M155874 | | <0.5 | <2 | 0.04 | <0.5 | 8 | 21 | 1 | 1.24 | <10 | <1 | 0.27 | 30 | 0.05 | 347 | <1 |
| M155875 | | <0.5 | <2 | 0.01 | <0.5 | 9 | 18 | 4 | 2.37 | <10 | <1 | 0.22 | 30 | 0.04 | 445 | <1 |
| M155876 | | <0.5 | <2 | <0.01 | <0.5 | 7 | 16 | 2 | 1.12 | <10 | <1 | 0.24 | 20 | 0.03 | 300 | <1 |
| M155877 | | <0.5 | <2 | <0.01 | <0.5 | 6 | 24 | 5 | 0.99 | <10 | <1 | 0.19 | 10 | 0.03 | 230 | 1 |
| M155878 | | <0.5 | <2 | <0.01 | <0.5 | 12 | 12 | 57 | 0.94 | <10 | <1 | 0.30 | 30 | 0.03 | 205 | <1 |
| M155879 | | <0.5 | <2 | <0.01 | <0.5 | 10 | 11 | 14 | 1.40 | <10 | <1 | 0.20 | 20 | 0.03 | 320 | 1 |
| M155880 | | <0.5 | <2 | <0.01 | <0.5 | 8 | 12 | 2 | 1.48 | <10 | <1 | 0.28 | 30 | 0.04 | 276 | <1 |
| M155881 | | <0.5 | <2 | 0.01 | <0.5 | 11 | 8 | 3 | 1.64 | <10 | <1 | 0.16 | 30 | 0.03 | 310 | <1 |
| M155882 | | <0.5 | <2 | 0.02 | <0.5 | 13 | 50 | 6 | 1.02 | <10 | <1 | 0.22 | 10 | 0.02 | 164 | 1 |
| M155883 | | <0.5 | <2 | 0.05 | <0.5 | 17 | 8 | 3 | 1.90 | <10 | <1 | 0.25 | 40 | 0.04 | 470 | <1 |
| M155884 | | <0.5 | <2 | 0.10 | <0.5 | 11 | 21 | 7 | 2.76 | <10 | <1 | 0.24 | 40 | 0.05 | 346 | <1 |

Comments: NSS is non-sufficient sample.



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Date : 16-Jul-2003
Account: NJY

Project : Z-03-05

CERTIFICATE OF ANALYSIS VA03024107

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|------------|----------|-----------|------------|----------|----------|----------|-----------|-----------|----------|-----------|-----------|-----------|----------|
| | | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn |
| | | ppm 0.5 | ppm 2 | % 0.01 | ppm 0.5 | ppm 1 | ppm 1 | ppm 1 | % 0.01 | ppm 10 | ppm 1 | % 0.01 | ppm 10 | % 0.01 | ppm 5 |
| M155885 | | 1.1 | <2 | 0.02 | <0.5 | 3 | 36 | 35 | 3.01 | <10 | <1 | 0.35 | 30 | 0.03 | 45 |
| M155886 | | 0.5 | <2 | 0.05 | <0.5 | 11 | 9 | 1 | 2.38 | <10 | <1 | 0.30 | 40 | 0.06 | 341 |
| M155887 | | <0.5 | <2 | 0.05 | <0.5 | 11 | 14 | 5 | 2.25 | <10 | <1 | 0.23 | 30 | 0.08 | 358 |
| M155888 | | <0.5 | <2 | 0.07 | <0.5 | 11 | 18 | 2 | 1.77 | <10 | <1 | 0.25 | 40 | 0.06 | 396 |
| M155889 | | <0.5 | <2 | 0.17 | <0.5 | 20 | 15 | 2 | 2.01 | <10 | <1 | 0.26 | 40 | 0.27 | 342 |
| M155890 | | <0.5 | <2 | 0.23 | <0.5 | 9 | 16 | 1 | 1.90 | <10 | <1 | 0.26 | 40 | 0.05 | 358 |
| M155891 | | 0.5 | <2 | 0.35 | <0.5 | 11 | 15 | 1 | 2.05 | <10 | <1 | 0.29 | 30 | 0.13 | 363 |
| M155892 | | <0.5 | <2 | 0.44 | <0.5 | 9 | 18 | 1 | 2.59 | <10 | <1 | 0.29 | 30 | 0.28 | 315 |
| M155893 | | <0.5 | <2 | 0.14 | <0.5 | 15 | 20 | 1 | 2.32 | <10 | <1 | 0.28 | 20 | 0.22 | 467 |
| M155894 | | <0.5 | <2 | <0.01 | <0.5 | 39 | 124 | 4 | 1.65 | <10 | 1 | 0.24 | <10 | 0.02 | 20 |
| M155895 | | <0.5 | <2 | 0.05 | <0.5 | 13 | 44 | 4 | 1.04 | <10 | <1 | 0.29 | 40 | 0.03 | 54 |
| M155896 | | <0.5 | <2 | 0.03 | <0.5 | 297 | 64 | 3 | 2.97 | <10 | <1 | 0.33 | <10 | 0.03 | 10 |
| M155897 | | <0.5 | <2 | 0.04 | <0.5 | 110 | 64 | 3 | 2.03 | <10 | <1 | 0.26 | 20 | 0.03 | 91 |
| M155898 | | <0.5 | <2 | 0.11 | <0.5 | 7 | 79 | 3 | 1.00 | <10 | <1 | 0.23 | 20 | 0.05 | 129 |
| M155899 | | 0.5 | <2 | 0.51 | <0.5 | 6 | 40 | 7 | 1.48 | <10 | <1 | 0.31 | 30 | 0.54 | 208 |
| M155900 | | 0.5 | <2 | 0.38 | <0.5 | 7 | 35 | 2 | 1.61 | <10 | <1 | 0.29 | 40 | 0.12 | 236 |
| M155901 | | <0.5 | <2 | 0.83 | <0.5 | 9 | 131 | 9 | 1.31 | <10 | <1 | 0.18 | 20 | 0.45 | 284 |
| M155902 | | <0.5 | <2 | 0.70 | <0.5 | 17 | 22 | 2 | 1.28 | <10 | 1 | 0.31 | 40 | 0.47 | 217 |
| M155903 | | <0.5 | <2 | 0.74 | 0.5 | 7 | 24 | 6 | 1.48 | <10 | <1 | 0.32 | 40 | 0.57 | 375 |

Comments: NSS is non-sufficient sample.



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Date : 16-Jul-2003
Account: NJY

Project : Z-03-05

CERTIFICATE OF ANALYSIS VA03024107

| Sample Description | Method Analyte Units LOR | ME-ICP41 Na % 0.01 | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 | ME-ICP41 Ti % 0.01 | ME-ICP41 Ti ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 |
|--------------------|-----------------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|
| M155846 | | 0.02 | 13 | 310 | 3 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 28 |
| M155847 | | 0.01 | 6 | 250 | 3 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 11 |
| M155848 | | 0.01 | 9 | 280 | 3 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 25 |
| M155849 | | 0.01 | 8 | 270 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 15 |
| M155850 | | 0.01 | 5 | 140 | 16 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 3 | <10 | 6 |
| M155851 | | 0.01 | 6 | 130 | <2 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 4 | <10 | 11 |
| M155852 | | 0.01 | 13 | 230 | <2 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 26 |
| M155853 | | 0.02 | 10 | 280 | 2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 23 |
| M155854 | | 0.01 | 14 | 310 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 26 |
| M155855 | | 0.01 | 13 | 340 | 2 | <0.01 | <2 | 1 | 3 | 0.01 | <10 | <10 | 7 | <10 | 24 |
| M155856 | | 0.01 | 15 | 440 | <2 | <0.01 | <2 | 1 | 4 | 0.02 | <10 | <10 | 9 | <10 | 25 |
| M155857 | | 0.01 | 15 | 510 | <2 | <0.01 | <2 | 1 | 4 | 0.02 | <10 | <10 | 8 | <10 | 23 |
| M155858 | | 0.01 | 15 | 700 | 3 | <0.01 | <2 | 1 | 6 | 0.01 | <10 | <10 | 7 | <10 | 33 |
| M155859 | | 0.02 | 14 | 350 | <2 | <0.01 | <2 | 1 | 4 | 0.01 | <10 | <10 | 6 | <10 | 25 |
| M155860 | | 0.02 | 11 | 330 | 2 | <0.01 | <2 | 1 | 5 | 0.01 | <10 | <10 | 7 | <10 | 20 |
| M155861 | | 0.02 | 14 | 390 | <2 | <0.01 | <2 | 1 | 5 | 0.01 | <10 | <10 | 7 | <10 | 24 |
| M155862 | | 0.02 | 12 | 360 | 3 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 3 | <10 | 22 |
| M155863 | | 0.02 | 14 | 500 | <2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 4 | <10 | 23 |
| M155864 | | 0.01 | 14 | 520 | <2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 4 | <10 | 25 |
| M155864A | | 0.12 | 156 | 270 | 21 | 0.61 | 5 | 10 | 69 | 0.17 | <10 | <10 | 61 | 10 | 98 |
| M155865 | | 0.02 | 11 | 360 | 2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 3 | <10 | 21 |
| M155866 | | 0.01 | 15 | 310 | <2 | <0.01 | <2 | 1 | 10 | 0.01 | <10 | <10 | 4 | <10 | 27 |
| M155867 | | 0.02 | 13 | 400 | 3 | <0.01 | <2 | 1 | 5 | 0.01 | <10 | <10 | 6 | <10 | 22 |
| M155868 | | 0.02 | 11 | 300 | <2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 3 | <10 | 20 |
| M155869 | | 0.01 | 14 | 450 | 3 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 36 |
| M155870 | | 0.02 | 14 | 370 | <2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 4 | <10 | 26 |
| M155871 | | 0.01 | 14 | 490 | <2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 3 | <10 | 25 |
| M155872 | | 0.01 | 13 | 270 | 2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 28 |
| M155873 | | 0.01 | 7 | 190 | 2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 20 |
| M155874 | | 0.01 | 15 | 410 | <2 | <0.01 | <2 | 2 | 4 | <0.01 | <10 | <10 | 4 | <10 | 29 |
| M155875 | | 0.01 | 15 | 330 | <2 | <0.01 | <2 | 1 | 3 | 0.01 | <10 | <10 | 6 | <10 | 35 |
| M155876 | | 0.01 | 12 | 240 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 4 | <10 | 25 |
| M155877 | | 0.01 | 9 | 190 | <2 | <0.01 | <2 | 1 | 1 | <0.01 | <10 | <10 | 3 | <10 | 25 |
| M155878 | | 0.01 | 6 | 210 | <2 | <0.01 | <2 | 2 | 3 | <0.01 | <10 | <10 | 6 | <10 | 16 |
| M155879 | | 0.01 | 12 | 300 | <2 | <0.01 | <2 | 2 | 2 | <0.01 | <10 | <10 | 3 | <10 | 30 |
| M155880 | | 0.01 | 10 | 310 | 2 | <0.01 | <2 | 2 | 2 | <0.01 | <10 | <10 | 4 | <10 | 24 |
| M155881 | | <0.01 | 13 | 370 | 2 | <0.01 | <2 | 2 | 2 | <0.01 | <10 | <10 | 2 | <10 | 25 |
| M155882 | | 0.01 | 10 | 260 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 4 | <10 | 12 |
| M155883 | | 0.01 | 24 | 510 | 2 | <0.01 | <2 | 2 | 4 | <0.01 | <10 | <10 | 4 | <10 | 26 |
| M155884 | | 0.01 | 18 | 650 | 3 | <0.01 | <2 | 1 | 5 | 0.01 | <10 | <10 | 6 | <10 | 30 |

Comments: NSS is non-sufficient sample.



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Date : 16-Jul-2003
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Project : Z-03-05

CERTIFICATE OF ANALYSIS VA03024107

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|-----------|----------|-----------|----------|-----------|-----------|-----------|----------|-----------|----------|----------|----------|-----------|
| | | Na % | Ni ppm | P ppm | Pb ppm | S % | Sb ppm | Sc ppm | Sr ppm | Ti % | Ti ppm | U ppm | V ppm | W ppm | Zn ppm |
| | | 0.01 | 1 | 10 | 2 | 0.01 | 2 | 1 | 1 | 0.01 | 10 | 10 | 1 | 10 | 2 |
| M155885 | | 0.01 | 7 | 250 | 31 | 0.02 | 82 | 7 | 87 | <0.01 | <10 | <10 | 12 | <10 | 15 |
| M155886 | | 0.01 | 19 | 590 | 3 | <0.01 | <2 | 2 | 5 | 0.01 | <10 | <10 | 7 | <10 | 37 |
| M155887 | | 0.02 | 16 | 440 | 3 | <0.01 | <2 | 1 | 5 | 0.01 | <10 | <10 | 8 | <10 | 38 |
| M155888 | | 0.02 | 19 | 550 | 2 | <0.01 | <2 | 2 | 5 | <0.01 | <10 | <10 | 5 | <10 | 40 |
| M155889 | | 0.02 | 18 | 410 | <2 | 0.01 | <2 | 2 | 6 | <0.01 | <10 | <10 | 5 | <10 | 34 |
| M155890 | | 0.02 | 15 | 370 | 2 | <0.01 | <2 | 2 | 6 | 0.01 | <10 | <10 | 6 | <10 | 29 |
| M155891 | | 0.02 | 18 | 520 | 2 | <0.01 | <2 | 2 | 10 | 0.01 | <10 | <10 | 7 | <10 | 29 |
| M155892 | | 0.02 | 16 | 430 | 2 | <0.01 | <2 | 2 | 11 | 0.01 | <10 | <10 | 7 | <10 | 22 |
| M155893 | | 0.01 | 17 | 350 | 2 | 0.02 | <2 | 2 | 7 | <0.01 | <10 | <10 | 4 | <10 | 24 |
| M155894 | | 0.01 | 14 | 170 | 23 | 0.50 | <2 | 1 | 4 | <0.01 | <10 | <10 | 5 | <10 | 5 |
| M155895 | | 0.01 | 6 | 240 | 2 | 0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 4 | <10 | 10 |
| M155896 | | 0.01 | 24 | 220 | 2 | 1.90 | <2 | 2 | 2 | <0.01 | <10 | <10 | 9 | <10 | 7 |
| M155897 | | 0.01 | 20 | 290 | 2 | 0.30 | <2 | 2 | 3 | <0.01 | <10 | <10 | 5 | <10 | 19 |
| M155898 | | 0.03 | 14 | 360 | 2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 4 | <10 | 9 |
| M155899 | | 0.02 | 16 | 420 | 3 | 0.04 | <2 | 2 | 14 | <0.01 | <10 | <10 | 4 | <10 | 14 |
| M155900 | | 0.02 | 16 | 630 | 2 | <0.01 | <2 | 2 | 10 | <0.01 | <10 | <10 | 4 | <10 | 13 |
| M155901 | | 0.01 | 16 | 390 | 8 | 0.06 | <2 | 3 | 16 | <0.01 | <10 | <10 | 3 | <10 | 21 |
| M155902 | | 0.01 | 9 | 470 | 15 | 0.15 | <2 | 2 | 18 | <0.01 | <10 | <10 | 5 | <10 | 9 |
| M155903 | | 0.02 | 14 | 780 | 132 | 0.07 | <2 | 2 | 19 | <0.01 | <10 | <10 | 4 | <10 | 78 |

Comments: NSS is non-sufficient sample.



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Page #: 1
Date : 22-Jul-2003
Account: NJY

CERTIFICATE VA03024565

Project : **Z-03-05**

P.O. No:

This report is for 65 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 7-Jul-2003.

The following have access to data associated with this certificate:

SERGUEI SOLOVIEV

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| PUL-21 | Pulverize entire sample |
| LOG-24 | Pulp Login - Rcd w/o Barcode |
| SCR-21 | Screen to -100 um |
| CRU-31 | Fine crushing - 70% <2mm |
| LOG-22 | Sample login - Rcd w/o BarCode |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Date : 22-Jul-2003
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CERTIFICATE OF ANALYSIS VA03024565

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 |
|--------------------|-----------------------------------|----------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|
| M155995 | | | 0.4 | 0.30 | 94 | <10 | 20 | <0.5 | <2 | 1.56 | <0.5 | 20 | 148 | 12 | 5.06 | <10 |
| M155996 | | | <0.2 | 0.36 | 62 | <10 | 10 | <0.5 | <2 | 0.29 | <0.5 | 36 | 38 | 2 | 7.75 | <10 |
| M155997 | | | <0.2 | 0.60 | 61 | <10 | 10 | <0.5 | <2 | 0.32 | <0.5 | 35 | 37 | 4 | 7.24 | <10 |
| M155998 | | | <0.2 | 2.24 | 68 | <10 | 10 | <0.5 | <2 | 0.39 | <0.5 | 42 | 54 | 3 | 8.51 | 10 |
| M155999 | | | <0.2 | 2.04 | 36 | <10 | 10 | <0.5 | <2 | 0.34 | <0.5 | 33 | 49 | 29 | 6.96 | <10 |
| M156000 | | | <0.2 | 1.40 | 37 | <10 | 10 | <0.5 | <2 | 1.64 | <0.5 | 40 | 40 | 49 | 9.23 | <10 |
| M170301 | | | 0.2 | 3.60 | 17 | <10 | 10 | 0.5 | <2 | 0.93 | <0.5 | 37 | 80 | 72 | 8.41 | 10 |
| M170302 | | | <0.2 | 0.85 | 25 | <10 | 20 | <0.5 | <2 | 0.39 | <0.5 | 17 | 51 | 13 | 3.70 | <10 |
| M170303 | | | <0.2 | 0.45 | 23 | <10 | 20 | <0.5 | <2 | 0.30 | <0.5 | 5 | 77 | 7 | 1.46 | <10 |
| M170304 | | | <0.2 | 1.33 | 23 | <10 | 20 | <0.5 | <2 | 0.89 | <0.5 | 18 | 50 | 59 | 4.24 | <10 |
| M170305 | | | 1.9 | 1.67 | 81 | <10 | 10 | <0.5 | <2 | 4.47 | <0.5 | 36 | 55 | 242 | 8.92 | <10 |
| M170306 | | | 0.5 | 0.63 | 86 | <10 | 10 | <0.5 | <2 | 4.65 | <0.5 | 29 | 82 | 95 | 9.01 | <10 |
| M170307 | | | 2.4 | 0.71 | 112 | <10 | 10 | <0.5 | <2 | 4.89 | 0.9 | 39 | 45 | 145 | 9.54 | <10 |
| M170308 | | | 0.5 | 2.89 | 43 | <10 | 10 | 0.6 | 2 | 4.94 | <0.5 | 41 | 84 | 228 | 9.58 | 10 |
| M170309 | | | 0.3 | 3.11 | 19 | <10 | <10 | 0.5 | <2 | 4.98 | <0.5 | 38 | 100 | 216 | 9.55 | 10 |
| M170310 | | | 0.4 | 1.79 | 74 | <10 | 10 | 0.5 | <2 | 4.78 | <0.5 | 43 | 58 | 156 | 9.93 | <10 |
| M170311 | | | <0.2 | 0.78 | 756 | <10 | 90 | 0.6 | <2 | 0.42 | <0.5 | 3 | 57 | 35 | 3.02 | <10 |
| M170312 | | | 2.5 | 0.86 | 110 | <10 | 10 | <0.5 | <2 | 4.53 | <0.5 | 42 | 36 | 211 | 9.65 | <10 |
| M170313 | | | 0.2 | 2.78 | 17 | <10 | 10 | 0.5 | <2 | 4.72 | <0.5 | 42 | 99 | 221 | 9.51 | 10 |
| M170314 | | | 0.3 | 3.15 | 9 | <10 | 10 | 0.7 | <2 | 3.95 | 0.5 | 41 | 98 | 234 | 10.00 | 10 |
| M170315 | | | 0.3 | 3.26 | 6 | <10 | 10 | 0.5 | <2 | 4.48 | 1.4 | 41 | 109 | 211 | 9.68 | 10 |
| M170316 | | | 0.2 | 3.15 | 5 | <10 | 10 | 0.5 | <2 | 4.47 | <0.5 | 42 | 118 | 209 | 9.39 | 10 |
| M170317 | | | 0.5 | 3.36 | 4 | <10 | 10 | 0.5 | <2 | 5.53 | 1.1 | 42 | 119 | 307 | 9.55 | 10 |
| M170318 | | | <0.2 | 3.25 | 6 | <10 | 10 | 0.6 | 2 | 4.16 | <0.5 | 43 | 103 | 215 | 10.40 | 10 |
| M170319 | | | 0.4 | 2.28 | 38 | <10 | 10 | <0.5 | <2 | 4.79 | 0.6 | 42 | 91 | 224 | 9.48 | 10 |
| M170320 | | | 0.2 | 2.73 | 9 | <10 | 10 | <0.5 | <2 | 4.72 | 0.6 | 42 | 100 | 258 | 9.62 | 10 |
| M170321 | | | 0.4 | 3.15 | 4 | <10 | 10 | 0.5 | <2 | 5.68 | 2.3 | 41 | 106 | 278 | 9.58 | 10 |
| M170322 | | | 0.3 | 3.18 | 6 | <10 | 10 | 0.5 | <2 | 6.16 | 0.8 | 41 | 102 | 217 | 9.49 | 10 |
| M170323 | | | 0.3 | 3.44 | 6 | <10 | 10 | <0.5 | <2 | 5.48 | <0.5 | 42 | 118 | 110 | 9.35 | 10 |
| M170324 | | | <0.2 | 3.31 | 9 | <10 | 10 | 0.5 | <2 | 5.01 | <0.5 | 48 | 119 | 109 | 9.46 | 10 |
| M170325 | | | 0.3 | 3.54 | 9 | <10 | 40 | 0.5 | <2 | 5.75 | <0.5 | 44 | 103 | 399 | 9.92 | 20 |
| M170326 | | | 0.2 | 3.23 | 6 | <10 | 10 | 0.6 | <2 | 4.19 | <0.5 | 41 | 86 | 204 | 9.89 | 10 |
| M170327 | | | 0.7 | 3.30 | 8 | <10 | 10 | 0.5 | <2 | 5.74 | <0.5 | 39 | 99 | 244 | 8.96 | 10 |
| M170328 | | | 0.6 | 3.02 | 13 | <10 | <10 | 0.6 | <2 | 5.03 | 0.7 | 41 | 111 | 189 | 9.64 | 10 |
| M170329 | | | 0.3 | 3.40 | 7 | <10 | 20 | 0.6 | <2 | 4.95 | <0.5 | 42 | 107 | 204 | 9.86 | 10 |
| M170330 | | | 0.4 | 3.22 | 9 | <10 | 220 | 0.6 | <2 | 4.76 | <0.5 | 44 | 97 | 219 | 9.58 | 10 |
| M170331 | | | 1.9 | 3.46 | 5400 | 10 | 80 | 2.1 | 2 | 0.83 | <0.5 | 24 | 320 | 75 | 4.51 | 10 |
| M170332 | | | 0.3 | 3.34 | 8 | <10 | 460 | 0.6 | <2 | 4.84 | <0.5 | 44 | 109 | 221 | 10.15 | 10 |
| M170333 | | | 0.3 | 3.77 | 6 | <10 | 170 | 0.6 | <2 | 4.63 | <0.5 | 43 | 111 | 262 | 10.10 | 10 |
| M170334 | | | 0.4 | 3.33 | 8 | <10 | 30 | 0.6 | <2 | 4.45 | <0.5 | 44 | 101 | 253 | 10.25 | 10 |

Comments: NSS is non-sufficient sample.



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CERTIFICATE OF ANALYSIS VA03024565

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 |
|--------------------|-----------------------------------|----------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|
| M170335 | | | 0.2 | 3.12 | 8 | <10 | 10 | 0.5 | <2 | 5.09 | 0.7 | 42 | 100 | 190 | 9.70 | 10 |
| M170336 | | | 0.3 | 2.68 | 9 | <10 | 10 | 0.5 | <2 | 4.74 | <0.5 | 43 | 103 | 257 | 9.94 | 10 |
| M170337 | | | 0.4 | 2.72 | 7 | <10 | 10 | 0.5 | <2 | 4.46 | <0.5 | 42 | 100 | 219 | 9.79 | 10 |
| M170338 | | | 0.7 | 2.82 | 14 | <10 | 10 | 0.5 | <2 | 4.80 | <0.5 | 41 | 101 | 183 | 9.61 | 10 |
| M170339 | | | 3.7 | 0.72 | 1980 | <10 | 30 | 0.5 | <2 | 4.14 | 1.5 | 39 | 60 | 893 | 9.16 | <10 |
| M170340 | | | 0.5 | 2.90 | 323 | <10 | 30 | 0.7 | <2 | 2.99 | <0.5 | 42 | 89 | 228 | 10.25 | 10 |
| M170341 | | | 0.6 | 0.83 | 217 | <10 | 20 | <0.5 | <2 | 3.98 | <0.5 | 45 | 33 | 210 | 9.72 | <10 |
| M170342 | | | 0.4 | 0.62 | 115 | <10 | 20 | <0.5 | <2 | 3.10 | <0.5 | 48 | 31 | 173 | 7.94 | <10 |
| M170343 | | | 0.3 | 2.43 | 58 | <10 | 20 | <0.5 | <2 | 1.00 | <0.5 | 16 | 77 | 13 | 5.91 | <10 |
| M170344 | | | <0.2 | 2.35 | 11 | <10 | 20 | <0.5 | <2 | 0.13 | <0.5 | 6 | 87 | 9 | 2.24 | 10 |
| M170345 | | | <0.2 | 1.50 | 4 | <10 | 30 | <0.5 | <2 | 0.04 | <0.5 | 5 | 91 | 6 | 1.14 | <10 |
| M170346 | | | <0.2 | 1.22 | 3 | <10 | 30 | <0.5 | <2 | 0.18 | <0.5 | 6 | 45 | 2 | 0.83 | <10 |
| M170347 | | | <0.2 | 1.29 | 2 | <10 | 30 | <0.5 | <2 | 0.02 | <0.5 | 5 | 78 | 4 | 0.77 | <10 |
| M170348 | | | <0.2 | 1.33 | 2 | <10 | 30 | <0.5 | <2 | 0.03 | <0.5 | 5 | 64 | 3 | 0.83 | <10 |
| M170349 | | | <0.2 | 1.32 | <2 | <10 | 30 | <0.5 | <2 | 0.03 | <0.5 | 6 | 57 | 3 | 0.87 | <10 |
| M170350 | | | <0.2 | 1.14 | 2 | <10 | 20 | <0.5 | <2 | 0.03 | <0.5 | 5 | 81 | 5 | 0.78 | <10 |
| M170351 | | | <0.2 | 1.26 | <2 | <10 | 30 | <0.5 | <2 | 0.02 | <0.5 | 6 | 90 | 9 | 0.81 | <10 |
| M170352 | | | <0.2 | 1.15 | <2 | <10 | 30 | <0.5 | <2 | 0.02 | <0.5 | 5 | 77 | 5 | 0.77 | <10 |
| M170353 | | | <0.2 | 1.05 | 4 | <10 | 20 | <0.5 | <2 | 0.05 | <0.5 | 5 | 73 | 3 | 0.71 | <10 |
| M170354 | | | <0.2 | 0.76 | 745 | <10 | 90 | 0.6 | <2 | 0.40 | <0.5 | 3 | 57 | 35 | 2.99 | <10 |
| M170355 | | | <0.2 | 1.09 | 3 | <10 | 20 | <0.5 | <2 | 0.04 | <0.5 | 5 | 59 | 2 | 0.74 | <10 |
| M170356 | | | <0.2 | 1.08 | 3 | <10 | 30 | <0.5 | <2 | 0.03 | <0.5 | 5 | 82 | 4 | 0.80 | <10 |
| M170357 | | | <0.2 | 1.18 | <2 | <10 | 30 | <0.5 | <2 | 0.03 | <0.5 | 6 | 64 | 3 | 0.87 | <10 |
| M170358 | | | <0.2 | 0.79 | 3 | <10 | 30 | <0.5 | <2 | 0.04 | <0.5 | 5 | 59 | 3 | 0.79 | <10 |
| M170359 | | | <0.2 | 1.42 | 3 | <10 | 40 | <0.5 | <2 | 0.02 | <0.5 | 6 | 62 | 2 | 1.07 | <10 |

Comments: NSS is non-sufficient sample.



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Page #: 2 - B
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CERTIFICATE OF ANALYSIS VA03024565

| Method Analyte Units LOR | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 | ME-ICP41 Ti % 0.01 |
|-----------------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| Sample Description | | | | | | | | | | | | | | | |
| M155995 | <1 | 0.16 | 10 | 1.50 | 898 | 1 | 0.01 | 34 | 440 | 66 | 0.60 | <2 | 7 | 77 | <0.01 |
| M155996 | <1 | 0.17 | 20 | 4.21 | 499 | <1 | 0.02 | 56 | 920 | <2 | 0.06 | <2 | 23 | 11 | <0.01 |
| M155997 | 1 | 0.16 | 10 | 4.70 | 535 | 1 | 0.02 | 53 | 1030 | 4 | 0.09 | <2 | 22 | 10 | <0.01 |
| M155998 | 1 | 0.15 | <10 | 5.98 | 609 | 1 | 0.02 | 57 | 1090 | 4 | <0.01 | <2 | 28 | 12 | 0.01 |
| M155999 | 1 | 0.22 | 10 | 5.33 | 533 | 1 | 0.04 | 40 | 790 | <2 | 0.02 | <2 | 21 | 8 | 0.01 |
| M156000 | <1 | 0.13 | 10 | 5.33 | 800 | <1 | 0.03 | 47 | 1070 | 3 | 0.07 | <2 | 28 | 22 | 0.01 |
| M170301 | 1 | 0.14 | 10 | 5.24 | 650 | <1 | 0.02 | 53 | 990 | 2 | 0.03 | <2 | 23 | 19 | 0.01 |
| M170302 | <1 | 0.22 | 20 | 1.79 | 337 | <1 | 0.02 | 23 | 500 | <2 | 0.02 | 2 | 7 | 13 | <0.01 |
| M170303 | <1 | 0.23 | 20 | 0.49 | 92 | <1 | 0.02 | 13 | 180 | 2 | 0.01 | <2 | 2 | 16 | <0.01 |
| M170304 | <1 | 0.15 | 20 | 2.06 | 385 | <1 | 0.06 | 19 | 370 | 8 | 0.28 | <2 | 5 | 19 | <0.01 |
| M170305 | 1 | 0.07 | <10 | 4.07 | 1425 | 1 | 0.06 | 48 | 1090 | 8 | 0.09 | 11 | 29 | 64 | <0.01 |
| M170306 | <1 | 0.14 | <10 | 3.53 | 1725 | 1 | 0.08 | 36 | 850 | 8 | 0.09 | 3 | 26 | 82 | <0.01 |
| M170307 | <1 | 0.10 | <10 | 3.95 | 1960 | 1 | 0.08 | 46 | 990 | 7 | 0.06 | 4 | 29 | 85 | <0.01 |
| M170308 | 1 | 0.03 | <10 | 3.72 | 1975 | 1 | 0.03 | 58 | 1090 | 9 | 0.09 | <2 | 34 | 105 | <0.01 |
| M170309 | 1 | 0.02 | <10 | 3.80 | 1960 | 1 | 0.04 | 57 | 1080 | 6 | 0.09 | <2 | 33 | 107 | 0.01 |
| M170310 | <1 | 0.05 | <10 | 3.44 | 2010 | 1 | 0.06 | 56 | 1080 | 5 | 0.09 | <2 | 33 | 104 | 0.01 |
| M170311 | <1 | 0.27 | 20 | 0.06 | 90 | 6 | 0.03 | 17 | 220 | 32 | 0.01 | 55 | 4 | 32 | <0.01 |
| M170312 | <1 | 0.11 | <10 | 3.21 | 1980 | 1 | 0.08 | 54 | 1130 | 24 | 0.16 | 3 | 32 | 96 | <0.01 |
| M170313 | 1 | 0.01 | <10 | 3.27 | 2010 | <1 | 0.05 | 55 | 1100 | 8 | 0.10 | <2 | 30 | 89 | 0.03 |
| M170314 | 1 | 0.01 | <10 | 3.32 | 1735 | 1 | 0.07 | 55 | 900 | 6 | 0.10 | <2 | 23 | 82 | 0.07 |
| M170315 | 1 | 0.01 | <10 | 3.44 | 1850 | <1 | 0.05 | 56 | 1120 | 6 | 0.14 | <2 | 22 | 94 | 0.15 |
| M170316 | 1 | <0.01 | <10 | 3.42 | 1830 | <1 | 0.04 | 55 | 1140 | 5 | 0.13 | <2 | 24 | 102 | 0.14 |
| M170317 | <1 | 0.01 | <10 | 3.40 | 2060 | 1 | 0.03 | 54 | 1070 | 6 | 0.13 | <2 | 26 | 118 | 0.03 |
| M170318 | <1 | 0.01 | <10 | 3.21 | 1690 | <1 | 0.05 | 55 | 1040 | 7 | 0.12 | <2 | 26 | 93 | 0.04 |
| M170319 | <1 | 0.05 | <10 | 3.25 | 1760 | 1 | 0.04 | 55 | 1030 | 5 | 0.34 | <2 | 28 | 124 | 0.01 |
| M170320 | 1 | 0.03 | <10 | 3.25 | 1850 | <1 | 0.07 | 55 | 980 | 22 | 0.14 | <2 | 30 | 112 | 0.03 |
| M170321 | <1 | 0.01 | <10 | 3.44 | 2020 | <1 | 0.05 | 52 | 1050 | 5 | 0.15 | <2 | 34 | 152 | 0.03 |
| M170322 | <1 | 0.01 | <10 | 3.28 | 1905 | 1 | 0.06 | 55 | 1040 | 48 | 0.16 | <2 | 28 | 150 | 0.04 |
| M170323 | 2 | <0.01 | <10 | 3.45 | 1800 | 1 | 0.03 | 56 | 1130 | 5 | 0.07 | <2 | 25 | 116 | 0.16 |
| M170324 | <1 | <0.01 | <10 | 3.38 | 1755 | <1 | 0.02 | 57 | 1110 | 7 | 0.07 | <2 | 23 | 94 | 0.30 |
| M170325 | <1 | <0.01 | <10 | 3.59 | 2170 | <1 | 0.02 | 51 | 1270 | 9 | 0.12 | <2 | 25 | 124 | 0.08 |
| M170326 | 1 | 0.01 | <10 | 3.22 | 1560 | 1 | 0.03 | 50 | 990 | 3 | 0.10 | <2 | 24 | 103 | 0.05 |
| M170327 | 1 | 0.01 | <10 | 3.22 | 2120 | 1 | 0.03 | 53 | 1040 | 4 | 0.14 | <2 | 29 | 180 | 0.02 |
| M170328 | <1 | 0.01 | <10 | 3.36 | 2140 | 2 | 0.03 | 54 | 1020 | 7 | 0.70 | <2 | 34 | 140 | 0.02 |
| M170329 | 1 | 0.01 | <10 | 3.31 | 1680 | 1 | 0.04 | 52 | 1040 | 8 | 0.11 | <2 | 31 | 138 | 0.03 |
| M170330 | <1 | 0.01 | <10 | 3.20 | 1725 | 1 | 0.04 | 51 | 1040 | 9 | 0.13 | <2 | 26 | 132 | 0.04 |
| M170331 | <1 | 1.03 | 30 | 1.20 | 1410 | 2 | 0.13 | 163 | 260 | 25 | 0.60 | 4 | 10 | 74 | 0.18 |
| M170332 | 1 | 0.01 | <10 | 3.53 | 2000 | 1 | 0.05 | 54 | 1080 | 5 | 0.13 | <2 | 27 | 144 | 0.04 |
| M170333 | <1 | 0.01 | <10 | 3.84 | 1905 | 1 | 0.05 | 55 | 1110 | 10 | 0.11 | <2 | 29 | 116 | 0.04 |
| M170334 | 1 | 0.01 | <10 | 3.57 | 1830 | <1 | 0.06 | 53 | 1010 | 4 | 0.16 | <2 | 28 | 114 | 0.04 |

Comments: NSS is non-sufficient sample.



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CERTIFICATE OF ANALYSIS VA03024565

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|
| | | Hg ppm 1 | K % 0.01 | La ppm 10 | Mg % 0.01 | Mn ppm 5 | Mo ppm 1 | Na % 0.01 | Ni ppm 1 | P ppm 10 | Pb ppm 2 | S % 0.01 | Sb ppm 2 | Sc ppm 1 | Sr ppm 1 | Ti % 0.01 |
| M170335 | | 1 | 0.01 | <10 | 3.49 | 2010 | <1 | 0.05 | 55 | 1110 | 4 | 0.13 | <2 | 30 | 121 | 0.03 |
| M170336 | | <1 | 0.01 | <10 | 3.38 | 2120 | 1 | 0.08 | 54 | 1070 | 41 | 0.19 | <2 | 31 | 117 | 0.03 |
| M170337 | | 1 | 0.01 | <10 | 3.30 | 1920 | <1 | 0.08 | 52 | 1080 | 5 | 0.12 | <2 | 31 | 116 | 0.03 |
| M170338 | | 1 | 0.02 | <10 | 3.31 | 2000 | 1 | 0.06 | 53 | 1040 | 3 | 0.14 | <2 | 31 | 137 | 0.02 |
| M170339 | | 2 | 0.24 | <10 | 2.43 | 1880 | 2 | 0.01 | 51 | 1300 | 31 | 0.95 | <2 | 20 | 121 | <0.01 |
| M170340 | | 1 | 0.12 | 10 | 2.82 | 1665 | 1 | 0.02 | 55 | 1190 | 5 | 0.06 | <2 | 27 | 44 | 0.01 |
| M170341 | | <1 | 0.21 | <10 | 2.58 | 1595 | 1 | 0.02 | 52 | 1120 | 9 | 0.12 | 2 | 25 | 64 | 0.01 |
| M170342 | | <1 | 0.29 | 10 | 4.49 | 1225 | 1 | 0.01 | 47 | 1050 | 46 | 0.20 | <2 | 19 | 72 | 0.01 |
| M170343 | | <1 | 0.19 | 10 | 5.03 | 633 | 1 | 0.01 | 43 | 780 | 5 | 0.03 | <2 | 14 | 25 | 0.01 |
| M170344 | | <1 | 0.21 | 20 | 2.31 | 190 | 1 | <0.01 | 17 | 230 | 3 | 0.02 | <2 | 2 | 5 | <0.01 |
| M170345 | | <1 | 0.23 | 30 | 1.52 | 86 | 1 | <0.01 | 11 | 150 | 2 | 0.02 | <2 | 1 | 2 | <0.01 |
| M170346 | | <1 | 0.23 | 30 | 1.28 | 146 | <1 | <0.01 | 10 | 200 | <2 | 0.04 | <2 | 1 | 5 | <0.01 |
| M170347 | | <1 | 0.25 | 30 | 1.24 | 63 | 1 | <0.01 | 9 | 110 | <2 | <0.01 | <2 | 1 | 2 | <0.01 |
| M170348 | | <1 | 0.25 | 20 | 1.29 | 75 | 1 | <0.01 | 11 | 170 | <2 | <0.01 | <2 | 1 | 2 | <0.01 |
| M170349 | | <1 | 0.23 | 30 | 1.30 | 76 | 1 | <0.01 | 10 | 200 | <2 | <0.01 | <2 | 1 | 2 | <0.01 |
| M170350 | | <1 | 0.22 | 20 | 1.09 | 68 | 1 | <0.01 | 10 | 160 | 2 | <0.01 | <2 | 1 | 1 | <0.01 |
| M170351 | | <1 | 0.26 | 20 | 1.16 | 68 | 2 | 0.01 | 9 | 110 | 3 | <0.01 | <2 | 1 | 2 | <0.01 |
| M170352 | | <1 | 0.21 | 30 | 1.15 | 69 | 1 | <0.01 | 9 | 110 | <2 | <0.01 | <2 | 1 | 2 | <0.01 |
| M170353 | | <1 | 0.22 | 30 | 1.03 | 61 | 1 | <0.01 | 12 | 300 | 3 | <0.01 | <2 | 1 | 2 | <0.01 |
| M170354 | | 1 | 0.26 | 20 | 0.06 | 86 | 6 | 0.03 | 16 | 220 | 32 | 0.01 | 52 | 4 | 32 | <0.01 |
| M170355 | | <1 | 0.22 | 30 | 1.04 | 62 | <1 | <0.01 | 10 | 220 | 2 | <0.01 | <2 | 1 | 2 | <0.01 |
| M170356 | | <1 | 0.25 | 30 | 0.97 | 71 | 1 | <0.01 | 12 | 150 | <2 | <0.01 | <2 | 1 | 2 | <0.01 |
| M170357 | | <1 | 0.25 | 30 | 1.10 | 92 | 1 | <0.01 | 11 | 160 | <2 | <0.01 | <2 | 1 | 2 | <0.01 |
| M170358 | | <1 | 0.15 | 20 | 0.86 | 146 | 1 | <0.01 | 8 | 200 | 2 | <0.01 | <2 | 1 | 2 | <0.01 |
| M170359 | | <1 | 0.29 | 30 | 1.36 | 88 | 1 | <0.01 | 12 | 140 | 6 | <0.01 | <2 | 1 | 2 | 0.01 |

Comments: NSS is non-sufficient sample.



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CERTIFICATE OF ANALYSIS VA03024565

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ti ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 |
|--------------------|-----------------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|
| M155995 | | <10 | <10 | 16 | <10 | 34 | 0.05 | <0.05 | 0.05 | <0.001 | 4.99 | 837.4 | 0.05 | 0.05 |
| M155996 | | <10 | <10 | 48 | <10 | 69 | <0.05 | <0.05 | <0.05 | <0.001 | 5.57 | 2312 | <0.01 | <0.01 |
| M155997 | | <10 | <10 | 48 | <10 | 58 | <0.05 | <0.05 | <0.05 | <0.001 | 5.31 | 2321 | 0.01 | 0.03 |
| M155998 | | <10 | 10 | 106 | <10 | 86 | <0.05 | <0.05 | <0.05 | <0.001 | 19.28 | 1896.5 | <0.01 | <0.01 |
| M155999 | | <10 | <10 | 89 | <10 | 69 | <0.05 | <0.05 | <0.05 | <0.001 | 3.34 | 3532 | <0.01 | <0.01 |
| M156000 | | <10 | <10 | 73 | <10 | 74 | <0.05 | <0.05 | <0.05 | <0.001 | 4.30 | 2531 | <0.01 | <0.01 |
| M170301 | | <10 | <10 | 142 | <10 | 81 | <0.05 | <0.05 | <0.05 | <0.001 | 5.29 | 3043 | 0.03 | <0.01 |
| M170302 | | <10 | <10 | 23 | <10 | 30 | <0.05 | <0.05 | <0.05 | <0.001 | 8.12 | 2634 | <0.01 | <0.01 |
| M170303 | | <10 | <10 | 4 | <10 | 11 | <0.05 | <0.05 | <0.05 | <0.001 | 2.90 | 1948.5 | <0.01 | <0.01 |
| M170304 | | <10 | <10 | 15 | <10 | 45 | <0.05 | <0.05 | <0.05 | <0.001 | 8.89 | 1891.0 | <0.01 | <0.01 |
| M170305 | | 10 | <10 | 108 | <10 | 90 | <0.05 | <0.05 | <0.05 | <0.001 | 12.09 | 2796 | 0.01 | <0.01 |
| M170306 | | <10 | <10 | 43 | <10 | 59 | <0.05 | <0.05 | <0.05 | <0.001 | 3.51 | 1017.5 | <0.01 | <0.01 |
| M170307 | | <10 | <10 | 50 | <10 | 77 | <0.05 | <0.05 | <0.05 | <0.001 | 11.03 | 1099.0 | <0.01 | <0.01 |
| M170308 | | <10 | <10 | 177 | <10 | 103 | <0.05 | <0.05 | <0.05 | <0.001 | 12.74 | 1908.5 | <0.01 | <0.01 |
| M170309 | | <10 | <10 | 200 | <10 | 104 | <0.05 | <0.05 | <0.05 | <0.001 | 15.20 | 1152.0 | <0.01 | <0.01 |
| M170310 | | <10 | <10 | 112 | <10 | 85 | <0.05 | <0.05 | <0.05 | <0.001 | 9.89 | 1116.0 | 0.01 | <0.01 |
| M170311 | | <10 | <10 | 13 | <10 | 1410 | NSS | NSS | NSS | NSS | NSS | NSS | NSS | 0.86 |
| M170312 | | <10 | <10 | 65 | <10 | 77 | <0.05 | <0.05 | <0.05 | <0.001 | 8.48 | 968.4 | 0.02 | <0.01 |
| M170313 | | <10 | <10 | 262 | <10 | 88 | <0.05 | <0.05 | <0.05 | <0.001 | 18.55 | 2525 | <0.01 | <0.01 |
| M170314 | | <10 | <10 | 309 | <10 | 93 | <0.05 | <0.05 | <0.05 | <0.001 | 15.43 | 3071 | <0.01 | 0.01 |
| M170315 | | <10 | <10 | 294 | <10 | 97 | <0.05 | <0.05 | <0.05 | <0.001 | 23.71 | 2282 | 0.02 | <0.01 |
| M170316 | | <10 | <10 | 285 | <10 | 98 | <0.05 | <0.05 | <0.05 | <0.001 | 23.50 | 3309 | 0.01 | <0.01 |
| M170317 | | <10 | <10 | 288 | <10 | 106 | <0.05 | <0.05 | <0.05 | <0.001 | 12.15 | 1675.0 | 0.01 | <0.01 |
| M170318 | | <10 | <10 | 317 | <10 | 109 | <0.05 | <0.05 | <0.05 | <0.001 | 47.06 | 2307 | <0.01 | 0.01 |
| M170319 | | <10 | <10 | 203 | <10 | 102 | <0.05 | <0.05 | <0.05 | <0.001 | 29.11 | 2073 | <0.01 | <0.01 |
| M170320 | | <10 | <10 | 255 | <10 | 113 | <0.05 | <0.05 | <0.05 | <0.001 | 26.20 | 2250 | <0.01 | 0.01 |
| M170321 | | <10 | <10 | 296 | <10 | 121 | <0.05 | <0.05 | <0.05 | <0.001 | 42.17 | 2516 | <0.01 | 0.01 |
| M170322 | | <10 | <10 | 293 | <10 | 107 | <0.05 | <0.05 | <0.05 | <0.001 | 26.05 | 3150 | 0.01 | <0.01 |
| M170323 | | <10 | <10 | 294 | <10 | 112 | <0.05 | <0.05 | <0.05 | <0.001 | 43.18 | 2490 | <0.01 | <0.01 |
| M170324 | | <10 | <10 | 266 | <10 | 109 | <0.05 | <0.05 | <0.05 | <0.001 | 13.16 | 2255 | <0.01 | 0.02 |
| M170325 | | <10 | <10 | 291 | <10 | 121 | <0.05 | <0.05 | <0.05 | <0.001 | 43.26 | 2489 | <0.01 | 0.01 |
| M170326 | | <10 | <10 | 300 | <10 | 104 | <0.05 | <0.05 | <0.05 | <0.001 | 26.68 | 2750 | 0.01 | <0.01 |
| M170327 | | <10 | <10 | 282 | <10 | 98 | <0.05 | <0.05 | <0.05 | <0.001 | 13.22 | 3233 | 0.03 | 0.03 |
| M170328 | | <10 | <10 | 290 | <10 | 111 | 0.20 | 0.66 | 0.20 | 0.016 | 24.11 | 2677 | 0.19 | 0.20 |
| M170329 | | <10 | <10 | 306 | <10 | 104 | <0.05 | <0.05 | <0.05 | <0.001 | 4.95 | 2324 | 0.02 | <0.01 |
| M170330 | | <10 | <10 | 297 | <10 | 98 | <0.05 | <0.05 | <0.05 | <0.001 | 16.86 | 3178 | 0.03 | 0.01 |
| M170331 | | <10 | <10 | 68 | 10 | 102 | NSS | NSS | NSS | NSS | NSS | NSS | 6.50 | 5.67 |
| M170332 | | <10 | <10 | 313 | <10 | 105 | <0.05 | <0.05 | <0.05 | <0.001 | 4.06 | 2227 | 0.01 | 0.04 |
| M170333 | | <10 | <10 | 311 | <10 | 130 | <0.05 | <0.05 | <0.05 | <0.001 | 21.16 | 2050 | <0.01 | <0.01 |
| M170334 | | <10 | <10 | 316 | <10 | 113 | <0.05 | <0.05 | <0.05 | <0.001 | 7.31 | 3103 | <0.01 | <0.01 |

Comments: NSS is non-sufficient sample.



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Page #: 3 - C
Total # of pages : 3 (A - C)
Date : 22-Jul-2003
Account: NJY

CERTIFICATE OF ANALYSIS VA03024565

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ti ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 |
|--------------------|-----------------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|
| M170335 | | <10 | <10 | 301 | <10 | 104 | <0.05 | <0.05 | <0.05 | <0.001 | 37.57 | 1678.5 | <0.01 | <0.01 |
| M170336 | | <10 | <10 | 294 | <10 | 155 | <0.05 | <0.05 | <0.05 | <0.001 | 38.84 | 2571 | 0.04 | 0.03 |
| M170337 | | <10 | <10 | 293 | <10 | 97 | <0.05 | <0.05 | <0.05 | <0.001 | 44.15 | 2408 | 0.01 | <0.01 |
| M170338 | | <10 | <10 | 265 | <10 | 104 | <0.05 | <0.05 | <0.05 | <0.001 | 43.58 | 1721.5 | 0.01 | <0.01 |
| M170339 | | <10 | <10 | 30 | <10 | 96 | 0.65 | 2.87 | 0.59 | 0.119 | 41.43 | 1426.5 | 0.62 | 0.55 |
| M170340 | | <10 | <10 | 138 | <10 | 122 | <0.05 | <0.05 | <0.05 | <0.001 | 33.97 | 1999.5 | <0.01 | <0.01 |
| M170341 | | <10 | <10 | 38 | <10 | 107 | <0.05 | <0.05 | <0.05 | <0.001 | 33.16 | 2073 | <0.01 | 0.01 |
| M170342 | | <10 | <10 | 32 | <10 | 112 | <0.05 | <0.05 | <0.05 | <0.001 | 45.76 | 2531 | <0.01 | <0.01 |
| M170343 | | <10 | <10 | 68 | <10 | 98 | <0.05 | <0.05 | <0.05 | <0.001 | 46.89 | 2269 | <0.01 | <0.01 |
| M170344 | | <10 | <10 | 20 | <10 | 44 | <0.05 | <0.05 | <0.05 | <0.001 | 46.83 | 2536 | <0.01 | <0.01 |
| M170345 | | <10 | <10 | 5 | <10 | 21 | <0.05 | <0.05 | <0.05 | <0.001 | 51.59 | 2250 | <0.01 | <0.01 |
| M170346 | | <10 | <10 | 4 | <10 | 15 | <0.05 | <0.05 | <0.05 | <0.001 | 52.20 | 2832 | <0.01 | <0.01 |
| M170347 | | <10 | <10 | 5 | <10 | 14 | <0.05 | <0.05 | <0.05 | <0.001 | 44.29 | 2114 | <0.01 | <0.01 |
| M170348 | | <10 | <10 | 5 | <10 | 14 | <0.05 | <0.05 | <0.05 | <0.001 | 48.02 | 2628 | <0.01 | <0.01 |
| M170349 | | <10 | <10 | 4 | <10 | 14 | <0.05 | <0.05 | <0.05 | <0.001 | 44.23 | 2462 | <0.01 | <0.01 |
| M170350 | | <10 | <10 | 4 | <10 | 12 | <0.05 | <0.05 | <0.05 | <0.001 | 40.10 | 2660 | <0.01 | <0.01 |
| M170351 | | <10 | <10 | 5 | <10 | 17 | <0.05 | <0.05 | <0.05 | <0.001 | 21.39 | 2273 | <0.01 | <0.01 |
| M170352 | | <10 | <10 | 4 | <10 | 13 | <0.05 | <0.05 | <0.05 | <0.001 | 42.23 | 2316 | <0.01 | <0.01 |
| M170353 | | <10 | <10 | 4 | <10 | 12 | <0.05 | <0.05 | <0.05 | <0.001 | 47.42 | 2472 | <0.01 | <0.01 |
| M170354 | | <10 | <10 | 12 | <10 | 1380 | NSS | NSS | NSS | NSS | NSS | NSS | 0.87 | 0.85 |
| M170355 | | <10 | <10 | 4 | <10 | 14 | <0.05 | <0.05 | <0.05 | <0.001 | 36.29 | 2134 | 0.01 | <0.01 |
| M170356 | | <10 | <10 | 4 | <10 | 14 | <0.05 | <0.05 | <0.05 | <0.001 | 33.67 | 2601 | <0.01 | <0.01 |
| M170357 | | <10 | <10 | 4 | <10 | 17 | <0.05 | <0.05 | <0.05 | <0.001 | 43.38 | 3345 | <0.01 | <0.01 |
| M170358 | | <10 | <10 | 4 | <10 | 14 | <0.05 | <0.05 | <0.05 | <0.001 | 48.29 | 1676.0 | <0.01 | <0.01 |
| M170359 | | <10 | <10 | 6 | <10 | 20 | <0.05 | <0.05 | <0.05 | <0.001 | 29.69 | 2567 | <0.01 | <0.01 |

Comments: NSS is non-sufficient sample.



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CRANBROOK BC V1C 2N1

Page # : 1
Date : 24-Jul-2003
Account: NJY

CERTIFICATE VA03024566

Project :
P.O. No:
This report is for 95 DRILL CORE samples submitted to our lab in North Vancouver, BC,
Canada on 7-Jul-2003.
The following have access to data associated with this certificate:
ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| CRU-21 | Crush entire sample 70% < 6 mm |
| PUL-21 | Pulverize entire sample |
| LOG-24 | Pulp Login - Rcd w/o Barcode |
| SCR-21 | Screen to -100 um |
| LOG-22 | Sample login - Rcd w/o BarCode |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
104-135 10TH AVE S
CRANBROOK BC V1C 2N1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Page #: 2 - A
Total # of pages : 4 (A - C)
Date : 24-Jul-2003
Account: NJY

CERTIFICATE OF ANALYSIS VA03024566

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| MI55904 | | | <0.05 | <0.05 | <0.05 | <0.001 | 45.17 | 1570.0 | 0.05 | <0.01 | <0.2 | 0.38 | 8 | <10 | 40 | <0.5 |
| MI55905 | | | NSS | NSS | NSS | NSS | NSS | NSS | 6.85 | 6.97 | 1.8 | 3.13 | 5590 | <10 | 60 | 2.2 |
| MI55906 | | | <0.05 | <0.05 | <0.05 | <0.001 | 23.19 | 1159.5 | 0.01 | <0.01 | <0.2 | 0.38 | 25 | <10 | 40 | <0.5 |
| MI55907 | | | <0.05 | <0.05 | <0.05 | <0.001 | 40.78 | 639.5 | 0.01 | <0.01 | <0.2 | 0.45 | 5 | <10 | 40 | <0.5 |
| MI55908 | | | <0.05 | <0.05 | <0.05 | <0.001 | 2.94 | 955.5 | <0.01 | <0.01 | <0.2 | 0.37 | 4 | <10 | 40 | <0.5 |
| MI55909 | | | <0.05 | <0.05 | <0.05 | <0.001 | 6.44 | 1981.5 | 0.01 | <0.01 | <0.2 | 0.18 | 7 | <10 | 20 | <0.5 |
| MI55910 | | | <0.05 | <0.05 | <0.05 | <0.001 | 1.78 | 1094.5 | 0.01 | <0.01 | <0.2 | 0.33 | 8 | <10 | 30 | <0.5 |
| MI55911 | | | <0.05 | <0.05 | <0.05 | <0.001 | 2.70 | 1191.0 | <0.01 | <0.01 | <0.2 | 0.24 | 12 | <10 | 20 | <0.5 |
| MI55912 | | | <0.05 | <0.05 | <0.05 | <0.001 | 1.64 | 716.1 | <0.01 | 0.01 | <0.2 | 0.38 | 8 | <10 | 30 | <0.5 |
| MI55913 | | | <0.05 | <0.05 | <0.05 | <0.001 | 4.48 | 1093.5 | <0.01 | 0.01 | 0.5 | 0.27 | 8 | <10 | 20 | <0.5 |
| MI55914 | | | <0.05 | <0.05 | <0.05 | <0.001 | 2.35 | 1086.0 | <0.01 | <0.01 | <0.2 | 0.24 | 5 | <10 | 20 | <0.5 |
| MI55915 | | | <0.05 | <0.05 | <0.05 | <0.001 | 6.90 | 780.9 | <0.01 | 0.01 | <0.2 | 0.23 | 4 | <10 | 20 | <0.5 |
| MI55916 | | | <0.05 | <0.05 | <0.05 | <0.001 | 1.40 | 969.1 | <0.01 | <0.01 | 0.6 | 0.44 | 11 | <10 | 30 | <0.5 |
| MI55917 | | | <0.05 | <0.05 | <0.05 | <0.001 | 6.85 | 1173.5 | <0.01 | 0.01 | <0.2 | 0.31 | 5 | <10 | 20 | <0.5 |
| MI55918 | | | <0.05 | <0.05 | <0.05 | <0.001 | 5.70 | 1073.0 | <0.01 | <0.01 | <0.2 | 0.42 | 6 | <10 | 30 | <0.5 |
| MI55919 | | | <0.05 | <0.05 | <0.05 | <0.001 | 2.40 | 1216.5 | <0.01 | 0.01 | <0.2 | 0.33 | 8 | <10 | 30 | <0.5 |
| MI55920 | | | <0.05 | <0.05 | <0.05 | <0.001 | 1.49 | 876.3 | <0.01 | <0.01 | <0.2 | 0.30 | 4 | <10 | 20 | <0.5 |
| MI55921 | | | <0.05 | <0.05 | <0.05 | <0.001 | 6.51 | 1267.5 | <0.01 | <0.01 | <0.2 | 0.24 | 10 | <10 | 10 | <0.5 |
| MI55922 | | | <0.05 | <0.05 | <0.05 | <0.001 | 3.50 | 1061.5 | <0.01 | <0.01 | <0.2 | 0.13 | 39 | <10 | 10 | <0.5 |
| MI55923 | | | <0.05 | <0.05 | <0.05 | <0.001 | 1.23 | 831.7 | 0.01 | 0.01 | 0.4 | 0.06 | 71 | <10 | <10 | <0.5 |
| MI55924 | | | <0.05 | <0.05 | <0.05 | <0.001 | 7.25 | 1180.0 | 0.01 | 0.01 | 0.2 | 0.11 | 55 | <10 | <10 | <0.5 |
| MI55925 | | | <0.05 | <0.05 | <0.05 | <0.001 | 6.24 | 947.9 | <0.01 | 0.01 | <0.2 | 0.07 | 44 | <10 | <10 | <0.5 |
| MI55926 | | | NSS | NSS | NSS | NSS | NSS | NSS | 3.10 | 3.11 | <0.2 | 0.79 | 2430 | 10 | 150 | 1.1 |
| MI55927 | | | <0.05 | <0.05 | <0.05 | <0.001 | 14.44 | 1314.0 | <0.01 | 0.01 | 0.7 | 0.06 | 45 | <10 | <10 | <0.5 |
| MI55928 | | | <0.05 | <0.05 | <0.05 | <0.001 | 6.11 | 1159.5 | 0.01 | 0.02 | 1.8 | 0.05 | 59 | <10 | <10 | <0.5 |
| MI55929 | | | <0.05 | <0.05 | <0.05 | <0.001 | 5.98 | 1152.5 | 0.01 | 0.01 | 0.3 | 0.18 | 16 | <10 | 10 | <0.5 |
| MI55930 | | | <0.05 | <0.05 | <0.05 | <0.001 | 5.73 | 1260.0 | <0.01 | 0.01 | <0.2 | 0.12 | 17 | <10 | 10 | <0.5 |
| MI55931 | | | <0.05 | <0.05 | <0.05 | <0.001 | 3.70 | 996.0 | <0.01 | <0.01 | <0.2 | 0.22 | 12 | <10 | 10 | <0.5 |
| MI55932 | | | <0.05 | <0.05 | <0.05 | <0.001 | 7.00 | 1334.5 | <0.01 | <0.01 | <0.2 | 0.22 | 14 | <10 | 10 | <0.5 |
| MI55933 | | | <0.05 | <0.05 | <0.05 | <0.001 | 5.60 | 1255.5 | 0.01 | 0.01 | 0.2 | 0.23 | 26 | <10 | 10 | <0.5 |
| MI55934 | | | <0.05 | <0.05 | <0.05 | <0.001 | 4.28 | 1208.0 | 0.01 | 0.01 | <0.2 | 0.17 | 20 | <10 | 10 | <0.5 |
| MI55935 | | | <0.05 | <0.05 | <0.05 | <0.001 | 6.73 | 1258.5 | 0.01 | 0.01 | <0.2 | 0.17 | 13 | <10 | 10 | <0.5 |
| MI55936 | | | <0.05 | <0.05 | <0.05 | <0.001 | 4.76 | 1349.0 | <0.01 | <0.01 | <0.2 | 0.12 | 16 | <10 | 10 | <0.5 |
| MI55937 | | | <0.05 | <0.05 | <0.05 | <0.001 | 1.26 | 957.0 | <0.01 | <0.01 | <0.2 | 0.20 | 23 | <10 | 10 | <0.5 |
| MI55938 | | | <0.05 | <0.05 | <0.05 | <0.001 | 0.75 | 1176.0 | <0.01 | <0.01 | <0.2 | 0.16 | 14 | <10 | 10 | <0.5 |
| MI55939 | | | <0.05 | <0.05 | <0.05 | <0.001 | 5.23 | 1104.0 | <0.01 | <0.01 | <0.2 | 0.12 | 5 | <10 | 10 | <0.5 |
| MI55940 | | | <0.05 | <0.05 | <0.05 | <0.001 | 3.52 | 1104.5 | 0.01 | 0.01 | 0.4 | 0.07 | 9 | <10 | <10 | <0.5 |
| MI55941 | | | <0.05 | <0.05 | <0.05 | <0.001 | 11.52 | 911.3 | <0.01 | 0.01 | <0.2 | 0.13 | 6 | <10 | 10 | <0.5 |
| MI55942 | | | <0.05 | <0.05 | <0.05 | <0.001 | 31.00 | 984.5 | <0.01 | 0.01 | <0.2 | 0.07 | 23 | <10 | <10 | <0.5 |
| MI55943 | | | <0.05 | <0.05 | <0.05 | <0.001 | 8.86 | 789.1 | 0.01 | 0.01 | 0.2 | 0.11 | 19 | <10 | 10 | <0.5 |

Comments: NSS is non-sufficient sample.



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Page #: 3 - A
Total # of pages : 4 (A - C)
Date : 24-Jul-2003
Account: NJY

CERTIFICATE OF ANALYSIS VA03024566

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| MI55944 | | | <0.05 | <0.05 | <0.05 | <0.001 | 32.70 | 2359 | <0.01 | <0.01 | <0.2 | 0.28 | 21 | <10 | 30 | <0.5 |
| MI55945 | | | <0.05 | <0.05 | <0.05 | <0.001 | 37.12 | 2496 | <0.01 | 0.01 | 0.4 | 0.33 | 118 | <10 | 40 | <0.5 |
| MI55946 | | | <0.05 | <0.05 | <0.05 | <0.001 | 34.11 | 1933.5 | 0.01 | 0.02 | <0.2 | 0.38 | 15 | <10 | 40 | <0.5 |
| MI55947 | | | <0.05 | <0.05 | <0.05 | <0.001 | 32.13 | 1980.0 | 0.01 | <0.01 | <0.2 | 0.44 | 18 | <10 | 40 | 0.5 |
| MI55948 | | | <0.05 | <0.05 | <0.05 | <0.001 | 4.28 | 2211 | <0.01 | <0.01 | <0.2 | 0.38 | 15 | <10 | 40 | <0.5 |
| MI55949 | | | NSS | NSS | NSS | NSS | NSS | NSS | 3.04 | 3.20 | <0.2 | 0.83 | 2480 | 10 | 160 | 1.1 |
| MI55950 | | | <0.05 | <0.05 | <0.05 | <0.001 | 5.73 | 1788.0 | <0.01 | <0.01 | <0.2 | 0.38 | 27 | <10 | 40 | <0.5 |
| MI55951 | | | <0.05 | <0.05 | <0.05 | <0.001 | 6.59 | 2654 | <0.01 | <0.01 | <0.2 | 0.45 | 67 | <10 | 40 | 0.5 |
| MI55952 | | | <0.05 | <0.05 | <0.05 | <0.001 | 6.69 | 2115 | 0.02 | <0.01 | <0.2 | 0.40 | 19 | <10 | 40 | <0.5 |
| MI55953 | | | <0.05 | <0.05 | <0.05 | <0.001 | 7.22 | 2278 | <0.01 | <0.01 | <0.2 | 0.33 | 7 | <10 | 30 | <0.5 |
| MI55954 | | | <0.05 | <0.05 | <0.05 | <0.001 | 8.43 | 2670 | <0.01 | <0.01 | <0.2 | 0.31 | 4 | <10 | 30 | <0.5 |
| MI55955 | | | <0.05 | <0.05 | <0.05 | <0.001 | 6.46 | 2460 | <0.01 | <0.01 | <0.2 | 0.34 | 2 | <10 | 220 | <0.5 |
| MI55956 | | | <0.05 | <0.05 | <0.05 | <0.001 | 9.20 | 2790 | 0.02 | 0.01 | <0.2 | 0.30 | 5 | <10 | 190 | <0.5 |
| MI55957 | | | <0.05 | <0.05 | <0.05 | <0.001 | 8.79 | 2420 | 0.01 | <0.01 | <0.2 | 0.35 | 2 | <10 | 160 | <0.5 |
| MI55958 | | | <0.05 | <0.05 | <0.05 | <0.001 | 10.06 | 2443 | <0.01 | <0.01 | <0.2 | 0.41 | 3 | <10 | 110 | <0.5 |
| MI55959 | | | <0.05 | <0.05 | <0.05 | <0.001 | 11.66 | 1920.5 | <0.01 | <0.01 | <0.2 | 0.37 | 3 | <10 | 80 | <0.5 |
| MI55960 | | | <0.05 | <0.05 | <0.05 | <0.001 | 24.48 | 2269 | <0.01 | <0.01 | <0.2 | 0.35 | 3 | <10 | 50 | <0.5 |
| MI55961 | | | <0.05 | 0.07 | <0.05 | 0.001 | 13.74 | 2621 | 0.01 | 0.04 | <0.2 | 0.38 | 4 | <10 | 70 | <0.5 |
| MI55962 | | | <0.05 | <0.05 | <0.05 | <0.001 | 28.20 | 210.4 | <0.01 | 0.01 | <0.2 | 0.40 | 6 | <10 | 50 | 0.5 |
| MI55963 | | | <0.05 | <0.05 | <0.05 | <0.001 | 5.95 | 897.8 | <0.01 | <0.01 | <0.2 | 0.33 | 5 | <10 | 50 | <0.5 |
| MI55964 | | | <0.05 | <0.05 | <0.05 | <0.001 | 9.24 | 2069 | <0.01 | <0.01 | <0.2 | 0.33 | 3 | <10 | 60 | <0.5 |
| MI55965 | | | <0.05 | <0.05 | <0.05 | <0.001 | 11.58 | 2132 | <0.01 | <0.01 | <0.2 | 0.26 | 2 | <10 | 50 | <0.5 |
| MI55966 | | 3.72 | <0.05 | <0.05 | <0.05 | <0.001 | 25.47 | 3528 | <0.01 | <0.01 | <0.2 | 0.30 | <2 | <10 | 40 | <0.5 |
| MI55967 | | 2.38 | <0.05 | <0.05 | <0.05 | <0.001 | 7.00 | 2276 | <0.01 | <0.01 | <0.2 | 0.28 | 3 | <10 | 50 | <0.5 |
| MI55968 | | 1.14 | <0.05 | <0.05 | <0.05 | <0.001 | 7.78 | 1062.5 | 0.02 | 0.02 | <0.2 | 0.39 | 3 | <10 | 30 | <0.5 |
| MI55969 | | 2.72 | <0.05 | <0.05 | <0.05 | <0.001 | 24.41 | 2511 | <0.01 | <0.01 | <0.2 | 0.30 | 3 | <10 | 30 | <0.5 |
| MI55970 | | 1.02 | <0.05 | <0.05 | <0.05 | <0.001 | 13.52 | 914.5 | <0.01 | 0.01 | <0.2 | 0.39 | 5 | <10 | 30 | <0.5 |
| MI55971 | | 2.62 | <0.05 | <0.05 | <0.05 | <0.001 | 34.21 | 2419 | <0.01 | 0.01 | <0.2 | 0.31 | 6 | <10 | 20 | <0.5 |
| MI55972 | | 0.96 | 1.94 | 4.66 | 1.87 | 0.101 | 21.66 | 835.0 | 1.83 | 1.91 | 16.2 | 0.59 | 44 | <10 | 20 | 1.3 |
| MI55973 | | 1.58 | 0.29 | 0.24 | 0.30 | 0.005 | 20.80 | 1458.5 | 0.32 | 0.27 | 2.2 | 0.33 | 28 | <10 | 20 | <0.5 |
| MI55974 | | 1.32 | <0.05 | <0.05 | <0.05 | <0.001 | 20.80 | 1220.0 | <0.01 | <0.01 | <0.2 | 0.20 | 8 | <10 | 20 | <0.5 |
| MI55975 | | 1.06 | <0.05 | <0.05 | <0.05 | <0.001 | 28.06 | 968.5 | <0.01 | 0.01 | <0.2 | 0.14 | 8 | <10 | 10 | <0.5 |
| MI55976 | | 1.70 | <0.05 | <0.05 | <0.05 | <0.001 | 24.99 | 1579.0 | 0.01 | <0.01 | <0.2 | 0.31 | 21 | <10 | 20 | <0.5 |
| MI55977 | | 1.12 | <0.05 | <0.05 | <0.05 | <0.001 | 12.43 | 1034.0 | 0.01 | <0.01 | <0.2 | 0.15 | 11 | <10 | 10 | <0.5 |
| MI55978 | | 1.24 | <0.05 | <0.05 | <0.05 | <0.001 | 27.15 | 1132.0 | <0.01 | 0.01 | <0.2 | 0.22 | 16 | <10 | 20 | <0.5 |
| MI55979 | | 1.54 | <0.05 | <0.05 | <0.05 | <0.001 | 18.57 | 1431.5 | <0.01 | 0.04 | <0.2 | 0.16 | 14 | <10 | 10 | <0.5 |
| MI55980 | | 1.04 | <0.05 | <0.05 | <0.05 | <0.001 | 17.28 | 954.2 | <0.01 | <0.01 | <0.2 | 0.19 | 10 | <10 | 20 | <0.5 |
| MI55981 | | 1.24 | <0.05 | <0.05 | <0.05 | <0.001 | 16.77 | 1151.5 | 0.01 | 0.01 | <0.2 | 0.16 | 19 | <10 | 10 | <0.5 |
| MI55982 | | 1.04 | <0.05 | <0.05 | <0.05 | <0.001 | 24.61 | 936.3 | <0.01 | <0.01 | <0.2 | 0.12 | 14 | <10 | 10 | <0.5 |
| MI55983 | | 1.52 | <0.05 | <0.05 | <0.05 | <0.001 | 25.01 | 1390.5 | <0.01 | <0.01 | <0.2 | 0.16 | 13 | <10 | 10 | <0.5 |

Comments: NSS is non-sufficient sample.



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Page #: 4 - A
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Date : 24-Jul-2003
Account: NJY

CERTIFICATE OF ANALYSIS VA03024566

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 S ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| MI55984 | | 2.40 | <0.05 | <0.05 | <0.05 | <0.001 | 20.94 | 2257 | <0.01 | 0.01 | <0.2 | 0.23 | 23 | <10 | 20 | <0.5 |
| MI55985 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 0.44 | 0.56 | <0.2 | 0.71 | 748 | <10 | 80 | 0.5 |
| MI55986 | | 1.34 | <0.05 | <0.05 | <0.05 | <0.001 | 19.38 | 1247.5 | <0.01 | <0.01 | <0.2 | 0.21 | 6 | <10 | 10 | <0.5 |
| MI55987 | | 1.24 | <0.05 | <0.05 | <0.05 | <0.001 | 15.66 | 1151.0 | 0.01 | <0.01 | <0.2 | 0.21 | 7 | <10 | 10 | <0.5 |
| MI55988 | | 1.34 | <0.05 | <0.05 | <0.05 | <0.001 | 16.89 | 1243.5 | <0.01 | <0.01 | <0.2 | 0.13 | 12 | <10 | 10 | <0.5 |
| MI55989 | | 1.42 | <0.05 | <0.05 | <0.05 | <0.001 | 15.49 | 1319.5 | <0.01 | <0.01 | <0.2 | 0.34 | 41 | <10 | 20 | <0.5 |
| MI55990 | | 0.94 | <0.05 | <0.05 | <0.05 | <0.001 | 32.03 | 851.6 | <0.01 | <0.01 | <0.2 | 0.25 | 85 | <10 | 10 | <0.5 |
| MI55991 | | 2.50 | <0.05 | <0.05 | <0.05 | <0.001 | 15.52 | 2381 | <0.01 | 0.01 | <0.2 | 0.23 | 13 | <10 | 20 | <0.5 |
| MI55992 | | 1.38 | <0.05 | <0.05 | <0.05 | <0.001 | 15.28 | 1263.5 | 0.01 | <0.01 | <0.2 | 0.20 | 20 | <10 | 10 | <0.5 |
| MI55993 | | 1.54 | <0.05 | <0.05 | <0.05 | <0.001 | 20.92 | 1438.0 | 0.01 | 0.01 | <0.2 | 0.22 | 30 | <10 | 20 | <0.5 |
| MI55994 | | 0.76 | <0.05 | <0.05 | <0.05 | <0.001 | 21.70 | 666.0 | 0.01 | 0.01 | <0.2 | 0.06 | 12 | <10 | <10 | <0.5 |

Comments: NSS is non-sufficient sample.



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Page #: 2 - B
Total # of pages : 4 (A - C)
Date : 24-Jul-2003
Account: NJY

CERTIFICATE OF ANALYSIS VA03024566

| Sample Description | Method Analyte Units LOR | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 |
|--------------------|-----------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| MI55904 | | <2 | 1.28 | <0.5 | 6 | 4 | 3 | 1.45 | <10 | <1 | 0.24 | 30 | 0.97 | 305 | <1 | 0.02 |
| MI55905 | | 3 | 0.84 | <0.5 | 23 | 284 | 69 | 4.24 | 10 | <1 | 1.03 | 30 | 1.18 | 1285 | <1 | 0.11 |
| MI55906 | | <2 | 1.60 | <0.5 | 24 | 4 | 3 | 2.02 | <10 | <1 | 0.27 | 40 | 0.92 | 337 | <1 | 0.01 |
| MI55907 | | <2 | 2.20 | <0.5 | 18 | 3 | 2 | 1.16 | <10 | <1 | 0.31 | 40 | 0.96 | 445 | <1 | 0.01 |
| MI55908 | | <2 | 2.04 | <0.5 | 17 | 3 | 3 | 1.36 | <10 | <1 | 0.27 | 20 | 1.02 | 419 | <1 | 0.01 |
| MI55909 | | <2 | 0.77 | <0.5 | 35 | 58 | 4 | 1.72 | <10 | <1 | 0.15 | 10 | 0.80 | 233 | <1 | 0.01 |
| MI55910 | | <2 | 0.23 | <0.5 | 45 | 5 | 4 | 1.56 | <10 | <1 | 0.23 | 10 | 0.39 | 122 | <1 | 0.01 |
| MI55911 | | <2 | 0.15 | <0.5 | 74 | 24 | 3 | 1.42 | <10 | <1 | 0.17 | 10 | 0.26 | 80 | <1 | 0.01 |
| MI55912 | | <2 | 0.70 | <0.5 | 116 | 4 | 8 | 1.56 | <10 | <1 | 0.27 | 10 | 0.37 | 86 | <1 | 0.01 |
| MI55913 | | <2 | 0.57 | 14.4 | 7 | 20 | 23 | 0.83 | <10 | <1 | 0.15 | 10 | 0.36 | 158 | <1 | 0.02 |
| MI55914 | | 2 | 0.57 | <0.5 | 3 | 5 | 2 | 0.77 | <10 | <1 | 0.13 | 20 | 0.28 | 108 | <1 | 0.03 |
| MI55915 | | <2 | 0.67 | <0.5 | 2 | 6 | 4 | 0.60 | <10 | <1 | 0.11 | 20 | 0.24 | 92 | <1 | 0.03 |
| MI55916 | | <2 | 0.36 | 1.4 | 5 | 5 | 7 | 1.03 | <10 | <1 | 0.22 | 50 | 0.15 | 95 | <1 | 0.02 |
| MI55917 | | 2 | 1.04 | 0.5 | 18 | 11 | 5 | 0.93 | <10 | <1 | 0.19 | 40 | 0.49 | 230 | <1 | 0.01 |
| MI55918 | | <2 | 1.48 | <0.5 | 4 | 3 | 3 | 0.88 | <10 | <1 | 0.29 | 60 | 0.74 | 187 | <1 | 0.01 |
| MI55919 | | <2 | 0.95 | <0.5 | 2 | 12 | 4 | 0.67 | <10 | <1 | 0.24 | 40 | 0.46 | 211 | <1 | 0.01 |
| MI55920 | | 2 | 0.90 | <0.5 | 10 | 3 | 7 | 0.70 | <10 | <1 | 0.21 | 20 | 0.50 | 247 | <1 | 0.01 |
| MI55921 | | 2 | 0.56 | <0.5 | 12 | 15 | 4 | 0.71 | <10 | <1 | 0.17 | 20 | 0.32 | 176 | <1 | 0.01 |
| MI55922 | | 2 | 0.02 | 0.5 | 33 | 6 | 14 | 1.30 | <10 | <1 | 0.08 | <10 | 0.02 | 50 | <1 | <0.01 |
| MI55923 | | 3 | 0.01 | <0.5 | 174 | 8 | 12 | 2.68 | <10 | <1 | 0.04 | <10 | 0.01 | 30 | <1 | <0.01 |
| MI55924 | | 2 | 0.01 | <0.5 | 359 | 6 | 6 | 4.84 | <10 | <1 | 0.07 | <10 | 0.01 | 21 | <1 | <0.01 |
| MI55925 | | 2 | 0.01 | <0.5 | 144 | 32 | 4 | 2.02 | <10 | 1 | 0.05 | <10 | <0.01 | 20 | <1 | <0.01 |
| MI55926 | | 2 | 0.02 | <0.5 | 3 | 36 | 35 | 2.96 | <10 | <1 | 0.35 | 30 | 0.03 | 42 | 2 | 0.01 |
| MI55927 | | 2 | <0.01 | 0.7 | 133 | 8 | 13 | 1.88 | <10 | <1 | 0.04 | <10 | <0.01 | 5 | <1 | <0.01 |
| MI55928 | | 3 | <0.01 | <0.5 | 112 | 17 | 61 | 2.04 | <10 | <1 | 0.03 | <10 | <0.01 | 19 | <1 | <0.01 |
| MI55929 | | 2 | 0.01 | <0.5 | 78 | 7 | 10 | 1.30 | <10 | <1 | 0.13 | <10 | 0.01 | <5 | <1 | <0.01 |
| MI55930 | | 2 | 0.01 | <0.5 | 77 | 16 | 15 | 1.44 | <10 | <1 | 0.09 | <10 | 0.01 | 16 | <1 | <0.01 |
| MI55931 | | <2 | 0.01 | <0.5 | 61 | 7 | 6 | 1.16 | <10 | <1 | 0.16 | <10 | 0.01 | 5 | <1 | 0.01 |
| MI55932 | | 2 | 0.01 | <0.5 | 95 | 11 | 6 | 1.55 | <10 | <1 | 0.15 | <10 | 0.01 | 10 | <1 | 0.01 |
| MI55933 | | 2 | 0.02 | <0.5 | 85 | 6 | 16 | 1.76 | <10 | <1 | 0.15 | <10 | 0.02 | 6 | <1 | 0.01 |
| MI55934 | | <2 | <0.01 | <0.5 | 40 | 15 | 8 | 0.93 | <10 | <1 | 0.12 | <10 | 0.01 | 12 | <1 | <0.01 |
| MI55935 | | 2 | <0.01 | <0.5 | 122 | 6 | 16 | 2.31 | <10 | 1 | 0.13 | <10 | 0.01 | 5 | <1 | 0.01 |
| MI55936 | | <2 | 0.01 | <0.5 | 16 | 16 | 6 | 0.83 | <10 | <1 | 0.09 | <10 | 0.01 | 16 | <1 | 0.01 |
| MI55937 | | <2 | <0.01 | <0.5 | 40 | 7 | 15 | 1.57 | <10 | <1 | 0.14 | <10 | 0.01 | 14 | <1 | 0.01 |
| MI55938 | | 2 | <0.01 | <0.5 | 49 | 15 | 16 | 1.06 | <10 | <1 | 0.12 | <10 | 0.01 | 12 | <1 | <0.01 |
| MI55939 | | <2 | <0.01 | <0.5 | 67 | 7 | 5 | 1.34 | <10 | <1 | 0.09 | <10 | 0.01 | 5 | <1 | 0.01 |
| MI55940 | | 2 | <0.01 | <0.5 | 95 | 21 | 12 | 1.60 | <10 | <1 | 0.05 | <10 | <0.01 | 18 | <1 | 0.01 |
| MI55941 | | 2 | <0.01 | <0.5 | 62 | 7 | 11 | 1.22 | <10 | <1 | 0.10 | <10 | 0.01 | <5 | <1 | <0.01 |
| MI55942 | | <2 | <0.01 | <0.5 | 29 | 7 | 7 | 1.09 | <10 | <1 | 0.05 | <10 | <0.01 | 5 | <1 | <0.01 |
| MI55943 | | <2 | <0.01 | <0.5 | 38 | 8 | 13 | 1.38 | <10 | <1 | 0.08 | <10 | 0.01 | 8 | <1 | <0.01 |

Comments: NSS is non-sufficient sample.



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Page #: 3 - B
Total # of pages : 4 (A - C)
Date : 24-Jul-2003
Account: NJY

CERTIFICATE OF ANALYSIS VA03024566

| Sample Description | Method Analyte Units LOR | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 |
|--------------------|-----------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| MI55944 | | <2 | 0.22 | 1.2 | 26 | 3 | 7 | 2.07 | <10 | <1 | 0.21 | 30 | 1.06 | 342 | <1 | 0.01 |
| MI55945 | | <2 | 0.09 | 2.8 | 10 | 5 | 13 | 1.90 | <10 | <1 | 0.25 | 30 | 0.30 | 209 | <1 | 0.01 |
| MI55946 | | 2 | 0.35 | <0.5 | 9 | 3 | 3 | 2.02 | <10 | <1 | 0.27 | 20 | 0.57 | 230 | <1 | 0.01 |
| MI55947 | | <2 | 0.24 | <0.5 | 11 | 3 | 4 | 1.80 | <10 | <1 | 0.28 | 20 | 0.37 | 192 | <1 | 0.01 |
| MI55948 | | <2 | 0.49 | <0.5 | 9 | 4 | 4 | 1.24 | <10 | <1 | 0.24 | 20 | 0.42 | 217 | <1 | 0.01 |
| MI55949 | | 2 | 0.02 | <0.5 | 2 | 40 | 36 | 2.99 | <10 | <1 | 0.36 | 30 | 0.03 | 44 | 2 | 0.01 |
| MI55950 | | <2 | 0.29 | <0.5 | 10 | 4 | 5 | 1.53 | <10 | <1 | 0.23 | 20 | 0.70 | 146 | <1 | 0.01 |
| MI55951 | | <2 | 0.17 | <0.5 | 11 | 9 | 5 | 1.78 | <10 | <1 | 0.28 | 40 | 0.71 | 190 | <1 | 0.01 |
| MI55952 | | <2 | 0.12 | <0.5 | 10 | 9 | 3 | 2.06 | <10 | <1 | 0.27 | 30 | 0.88 | 180 | <1 | 0.01 |
| MI55953 | | <2 | 0.16 | <0.5 | 8 | 3 | 5 | 1.52 | <10 | <1 | 0.20 | 40 | 0.55 | 176 | <1 | 0.02 |
| MI55954 | | <2 | 0.09 | <0.5 | 9 | 7 | 4 | 1.90 | <10 | <1 | 0.16 | 40 | 0.49 | 215 | <1 | 0.02 |
| MI55955 | | 2 | 0.09 | <0.5 | 9 | 10 | 3 | 2.08 | <10 | <1 | 0.22 | 40 | 0.60 | 146 | <1 | 0.01 |
| MI55956 | | <2 | 0.16 | <0.5 | 7 | 7 | 12 | 2.01 | <10 | 1 | 0.19 | 30 | 0.36 | 134 | <1 | 0.01 |
| MI55957 | | <2 | 0.12 | <0.5 | 7 | 9 | 3 | 1.96 | <10 | <1 | 0.22 | 50 | 0.32 | 186 | <1 | 0.01 |
| MI55958 | | 2 | 0.25 | <0.5 | 6 | 9 | 3 | 1.58 | <10 | <1 | 0.18 | 50 | 0.25 | 143 | <1 | 0.02 |
| MI55959 | | <2 | 0.06 | <0.5 | 14 | 4 | 6 | 2.02 | <10 | <1 | 0.21 | 50 | 0.09 | 219 | <1 | 0.01 |
| MI55960 | | 2 | 0.06 | <0.5 | 11 | 7 | 7 | 2.39 | <10 | <1 | 0.18 | 50 | 0.10 | 212 | <1 | 0.01 |
| MI55961 | | 2 | 0.06 | <0.5 | 13 | 12 | 6 | 2.15 | <10 | <1 | 0.17 | 40 | 0.12 | 287 | <1 | 0.01 |
| MI55962 | | <2 | 0.10 | <0.5 | 13 | 5 | 2 | 1.22 | <10 | <1 | 0.15 | 30 | 0.16 | 139 | <1 | 0.01 |
| MI55963 | | 2 | 0.10 | <0.5 | 14 | 27 | 3 | 1.56 | <10 | <1 | 0.18 | 30 | 0.10 | 177 | <1 | 0.01 |
| MI55964 | | <2 | 0.14 | <0.5 | 7 | 14 | 4 | 1.34 | <10 | <1 | 0.14 | 30 | 0.18 | 225 | <1 | 0.01 |
| MI55965 | | 2 | 0.63 | <0.5 | 5 | 10 | 5 | 1.10 | <10 | <1 | 0.12 | 20 | 0.45 | 307 | <1 | 0.01 |
| MI55966 | | <2 | 0.48 | <0.5 | 5 | 3 | 4 | 1.09 | <10 | <1 | 0.20 | 20 | 0.60 | 192 | <1 | 0.01 |
| MI55967 | | <2 | 0.13 | <0.5 | 7 | 4 | 4 | 1.77 | <10 | <1 | 0.18 | 10 | 0.75 | 190 | <1 | 0.01 |
| MI55968 | | <2 | 0.16 | <0.5 | 5 | 11 | 4 | 1.18 | <10 | <1 | 0.21 | 10 | 0.73 | 140 | <1 | 0.01 |
| MI55969 | | <2 | 0.12 | <0.5 | 5 | 5 | 3 | 1.03 | <10 | <1 | 0.15 | 10 | 0.33 | 112 | <1 | 0.01 |
| MI55970 | | <2 | 0.26 | <0.5 | 12 | 10 | 4 | 1.93 | <10 | <1 | 0.14 | 10 | 0.73 | 145 | <1 | 0.01 |
| MI55971 | | <2 | 0.23 | <0.5 | 8 | 10 | 4 | 1.54 | <10 | <1 | 0.17 | 10 | 0.97 | 200 | <1 | 0.01 |
| MI55972 | | 13 | 4.34 | 7.2 | 17 | 27 | 495 | 5.02 | <10 | <1 | 0.12 | 10 | 2.86 | 643 | 4 | 0.01 |
| MI55973 | | 2 | 2.64 | 1.4 | 9 | 24 | 121 | 3.26 | <10 | <1 | 0.17 | 20 | 4.22 | 609 | 2 | 0.01 |
| MI55974 | | <2 | 0.06 | <0.5 | 4 | 6 | 3 | 1.40 | <10 | <1 | 0.15 | 20 | 1.60 | 92 | 2 | 0.01 |
| MI55975 | | <2 | 0.06 | <0.5 | 4 | 4 | 8 | 1.30 | <10 | <1 | 0.11 | 10 | 1.11 | 82 | 1 | 0.01 |
| MI55976 | | <2 | 0.87 | <0.5 | 9 | 14 | 5 | 2.59 | <10 | <1 | 0.18 | 30 | 3.68 | 538 | 1 | 0.01 |
| MI55977 | | 2 | 0.26 | <0.5 | 4 | 4 | 10 | 1.35 | <10 | <1 | 0.12 | 20 | 1.18 | 295 | 2 | 0.01 |
| MI55978 | | 2 | 0.34 | <0.5 | 6 | 4 | 4 | 1.71 | <10 | <1 | 0.16 | 20 | 1.09 | 184 | 2 | 0.01 |
| MI55979 | | <2 | 0.92 | <0.5 | 3 | 4 | 7 | 0.98 | <10 | <1 | 0.13 | 10 | 0.56 | 140 | 1 | 0.01 |
| MI55980 | | <2 | 0.67 | <0.5 | 3 | 4 | 5 | 0.94 | <10 | <1 | 0.15 | 20 | 0.41 | 424 | 1 | 0.01 |
| MI55981 | | <2 | 0.79 | <0.5 | 3 | 4 | 5 | 1.06 | <10 | <1 | 0.13 | <10 | 0.45 | 169 | 1 | 0.01 |
| MI55982 | | <2 | 1.04 | 0.9 | 2 | 6 | 10 | 1.29 | <10 | <1 | 0.09 | 10 | 0.69 | 299 | 1 | 0.01 |
| MI55983 | | <2 | 1.00 | <0.5 | 2 | 8 | 7 | 0.90 | <10 | <1 | 0.11 | <10 | 0.57 | 161 | 2 | 0.01 |

Comments: NSS is non-sufficient sample.



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Page #: 4 - B
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CERTIFICATE OF ANALYSIS VA03024566

| Sample Description | Method Analyte Units LOR | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 |
|--------------------|-----------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| MI55984 | | <2 | 0.12 | <0.5 | 7 | 6 | 4 | 1.84 | <10 | <1 | 0.18 | 10 | 0.78 | 444 | 1 | 0.01 |
| MI55985 | | <2 | 0.43 | <0.5 | 4 | 55 | 33 | 3.16 | <10 | <1 | 0.25 | 20 | 0.06 | 84 | 7 | 0.03 |
| MI55986 | | <2 | 0.33 | <0.5 | 4 | 7 | 4 | 1.23 | <10 | <1 | 0.14 | 10 | 1.14 | 185 | 2 | 0.01 |
| MI55987 | | <2 | 0.57 | <0.5 | 2 | 4 | 8 | 0.93 | <10 | <1 | 0.12 | <10 | 0.41 | 124 | 1 | 0.01 |
| MI55988 | | <2 | 0.56 | 0.5 | 2 | 7 | 5 | 1.21 | <10 | <1 | 0.10 | <10 | 0.43 | 212 | 1 | 0.01 |
| MI55989 | | 2 | 0.59 | <0.5 | 4 | 4 | 4 | 1.37 | <10 | <1 | 0.15 | 10 | 0.45 | 174 | 1 | 0.01 |
| MI55990 | | <2 | 0.29 | <0.5 | 2 | 3 | 2 | 0.81 | <10 | <1 | 0.09 | 10 | 0.24 | 72 | 1 | 0.01 |
| MI55991 | | <2 | 0.28 | <0.5 | 4 | 4 | 6 | 1.07 | <10 | <1 | 0.13 | 20 | 0.38 | 106 | 1 | 0.02 |
| MI55992 | | 2 | 0.87 | <0.5 | 5 | 6 | 7 | 1.66 | <10 | <1 | 0.12 | 10 | 0.61 | 318 | 2 | 0.02 |
| MI55993 | | <2 | 0.91 | <0.5 | 4 | 3 | 5 | 1.19 | <10 | <1 | 0.17 | 10 | 0.47 | 269 | 1 | 0.01 |
| MI55994 | | <2 | 2.50 | <0.5 | 2 | 13 | 5 | 1.39 | <10 | <1 | 0.04 | <10 | 1.29 | 459 | 3 | <0.01 |

Comments: NSS is non-sufficient sample.



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 CRANBROOK BC V1C 2N1

Page #: 2 - C
 Total # of pages : 4 (A - C)
 Date : 24-Jul-2003
 Account: NJY

CERTIFICATE OF ANALYSIS VA03024566

| Sample Description | Method Analyte Units LOR | ME-ICP41 NI ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 | ME-ICP41 Ti % 0.01 | ME-ICP41 Ti ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 |
|--------------------|-----------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|
| MI55904 | | 13 | 510 | 5 | 0.04 | <2 | 3 | 26 | <0.01 | <10 | <10 | 3 | <10 | 12 |
| MI55905 | | 158 | 280 | 25 | 0.60 | 4 | 11 | 67 | 0.17 | <10 | <10 | 62 | 10 | 100 |
| MI55906 | | 16 | 530 | 12 | 0.11 | <2 | 3 | 30 | <0.01 | <10 | <10 | 5 | <10 | 18 |
| MI55907 | | 3 | 400 | 8 | 0.13 | <2 | 4 | 36 | <0.01 | <10 | <10 | 5 | <10 | 7 |
| MI55908 | | 5 | 30 | 10 | 0.15 | <2 | 4 | 36 | <0.01 | <10 | <10 | 5 | <10 | 12 |
| MI55909 | | 12 | 30 | 11 | 0.22 | <2 | 3 | 19 | <0.01 | <10 | <10 | 4 | <10 | 10 |
| MI55910 | | 10 | 150 | 7 | 0.16 | <2 | 3 | 12 | <0.01 | <10 | <10 | 5 | <10 | 9 |
| MI55911 | | 11 | 320 | 7 | 0.42 | <2 | 2 | 7 | <0.01 | <10 | <10 | 4 | <10 | 7 |
| MI55912 | | 12 | 200 | 6 | 0.67 | <2 | 2 | 23 | <0.01 | <10 | <10 | 5 | <10 | 17 |
| MI55913 | | 7 | 130 | 216 | 0.16 | 3 | 1 | 12 | <0.01 | <10 | <10 | 2 | <10 | 2620 |
| MI55914 | | 5 | 170 | 3 | 0.02 | <2 | 1 | 15 | <0.01 | <10 | <10 | 2 | <10 | 15 |
| MI55915 | | 4 | 990 | 6 | 0.01 | <2 | 1 | 16 | <0.01 | <10 | <10 | 2 | <10 | 7 |
| MI55916 | | 8 | 880 | 516 | 0.01 | <2 | 1 | 12 | <0.01 | <10 | <10 | 4 | <10 | 150 |
| MI55917 | | 8 | 210 | 68 | 0.06 | <2 | 2 | 18 | <0.01 | <10 | <10 | 3 | <10 | 59 |
| MI55918 | | 5 | 640 | 9 | 0.02 | <2 | 3 | 30 | <0.01 | <10 | <10 | 4 | <10 | 16 |
| MI55919 | | 6 | 410 | 4 | 0.02 | <2 | 2 | 23 | <0.01 | <10 | <10 | 3 | <10 | 12 |
| MI55920 | | 6 | 290 | 5 | 0.02 | <2 | 1 | 25 | <0.01 | <10 | <10 | 2 | <10 | 8 |
| MI55921 | | 9 | 280 | 5 | <0.01 | <2 | 1 | 16 | <0.01 | <10 | <10 | 1 | <10 | 23 |
| MI55922 | | 15 | 80 | 12 | 0.02 | <2 | 2 | 2 | <0.01 | <10 | <10 | 2 | <10 | 70 |
| MI55923 | | 24 | 80 | 162 | 1.27 | <2 | 1 | 1 | <0.01 | <10 | <10 | 2 | <10 | 24 |
| MI55924 | | 39 | 120 | 57 | 3.61 | <2 | 1 | 1 | <0.01 | <10 | <10 | 2 | <10 | 42 |
| MI55925 | | 18 | 30 | 60 | 1.44 | <2 | <1 | 1 | <0.01 | <10 | <10 | 2 | <10 | 4 |
| MI55926 | | 7 | 240 | 29 | 0.02 | 95 | 8 | 76 | <0.01 | <10 | <10 | 12 | <10 | 15 |
| MI55927 | | 21 | 20 | 186 | 1.44 | <2 | <1 | 1 | <0.01 | <10 | <10 | 1 | <10 | 34 |
| MI55928 | | 18 | 40 | 304 | 1.40 | 5 | <1 | 1 | <0.01 | <10 | <10 | 1 | <10 | 12 |
| MI55929 | | 23 | 50 | 65 | 0.98 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 4 |
| MI55930 | | 30 | 60 | 24 | 0.88 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 15 |
| MI55931 | | 18 | 80 | 8 | 0.77 | <2 | 1 | 2 | <0.01 | <10 | <10 | 3 | <10 | 5 |
| MI55932 | | 27 | 140 | 10 | 1.17 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 8 |
| MI55933 | | 37 | 200 | 27 | 1.02 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 31 |
| MI55934 | | 20 | 40 | 12 | 0.53 | <2 | <1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 38 |
| MI55935 | | 39 | 120 | 19 | 1.80 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 7 |
| MI55936 | | 9 | 130 | 11 | 0.16 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 14 |
| MI55937 | | 19 | 140 | 25 | 0.37 | <2 | 1 | 2 | <0.01 | <10 | <10 | 3 | <10 | 26 |
| MI55938 | | 18 | 40 | 18 | 0.66 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 13 |
| MI55939 | | 24 | 20 | 17 | 0.91 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 2 |
| MI55940 | | 42 | 20 | 178 | 1.19 | <2 | <1 | 4 | <0.01 | <10 | <10 | 1 | <10 | <2 |
| MI55941 | | 20 | 20 | 72 | 0.91 | <2 | <1 | 2 | <0.01 | <10 | <10 | 2 | <10 | <2 |
| MI55942 | | 7 | 60 | 31 | 0.34 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| MI55943 | | 13 | 80 | 32 | 0.30 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 15 |

Comments: NSS is non-sufficient sample.



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CRANBROOK BC V1C 2N1

Page #: 3 - C
Total # of pages : 4 (A - C)
Date : 24-Jul-2003
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CERTIFICATE OF ANALYSIS VA03024566

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 | ME-ICP41 Ti % 0.01 | ME-ICP41 Ti ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 |
|--------------------|-----------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|
| MI55944 | | 19 | 260 | 9 | 0.09 | <2 | 2 | 11 | <0.01 | <10 | <10 | 2 | <10 | 67 |
| MI55945 | | 16 | 140 | 37 | 0.29 | 2 | 2 | 5 | <0.01 | <10 | <10 | 2 | <10 | 78 |
| MI55946 | | 13 | 230 | 5 | 0.09 | <2 | 2 | 11 | <0.01 | <10 | <10 | 2 | <10 | 22 |
| MI55947 | | 16 | 620 | 6 | 0.15 | <2 | 2 | 9 | <0.01 | <10 | <10 | 3 | <10 | 40 |
| MI55948 | | 13 | 460 | 3 | 0.11 | <2 | 2 | 18 | <0.01 | <10 | <10 | 3 | <10 | 24 |
| MI55949 | | 9 | 260 | 33 | 0.02 | 96 | 8 | 86 | <0.01 | <10 | <10 | 12 | <10 | 15 |
| MI55950 | | 14 | 170 | 5 | 0.04 | <2 | 2 | 12 | <0.01 | <10 | <10 | 3 | <10 | 30 |
| MI55951 | | 18 | 290 | 2 | 0.02 | <2 | 2 | 10 | <0.01 | <10 | <10 | 3 | <10 | 21 |
| MI55952 | | 18 | 250 | 4 | 0.05 | <2 | 2 | 7 | <0.01 | <10 | <10 | 4 | <10 | 21 |
| MI55953 | | 10 | 170 | 3 | 0.01 | <2 | 1 | 8 | <0.01 | <10 | <10 | 3 | <10 | 17 |
| MI55954 | | 12 | 170 | 3 | 0.05 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 21 |
| MI55955 | | 12 | 290 | 2 | 0.01 | <2 | 1 | 10 | <0.01 | <10 | <10 | 3 | <10 | 20 |
| MI55956 | | 10 | 630 | 2 | 0.05 | <2 | 1 | 10 | <0.01 | <10 | <10 | 3 | <10 | 15 |
| MI55957 | | 10 | 400 | 3 | <0.01 | <2 | 1 | 8 | 0.01 | <10 | <10 | 4 | <10 | 16 |
| MI55958 | | 8 | 650 | 3 | <0.01 | <2 | 1 | 10 | 0.01 | <10 | <10 | 5 | <10 | 14 |
| MI55959 | | 13 | 220 | 4 | <0.01 | <2 | 1 | 5 | 0.01 | <10 | <10 | 6 | <10 | 30 |
| MI55960 | | 14 | 240 | 4 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 4 | <10 | 32 |
| MI55961 | | 12 | 230 | 4 | 0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 3 | <10 | 25 |
| MI55962 | | 11 | 300 | 3 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 28 |
| MI55963 | | 13 | 340 | 3 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 31 |
| MI55964 | | 11 | 120 | <2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 23 |
| MI55965 | | 9 | 330 | <2 | <0.01 | <2 | 1 | 15 | <0.01 | <10 | <10 | 1 | <10 | 17 |
| MI55966 | | 9 | 250 | <2 | <0.01 | <2 | 1 | 11 | <0.01 | <10 | <10 | 2 | <10 | 15 |
| MI55967 | | 13 | 260 | <2 | 0.01 | <2 | 2 | 5 | <0.01 | <10 | <10 | 3 | <10 | 23 |
| MI55968 | | 11 | 160 | 2 | 0.02 | <2 | 1 | 8 | <0.01 | <10 | <10 | 3 | <10 | 13 |
| MI55969 | | 8 | 220 | 2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 10 |
| MI55970 | | 20 | 580 | 3 | 0.01 | <2 | 3 | 7 | <0.01 | <10 | <10 | 7 | <10 | 20 |
| MI55971 | | 17 | 420 | 3 | 0.01 | <2 | 2 | 8 | <0.01 | <10 | <10 | 6 | <10 | 14 |
| MI55972 | | 68 | 2500 | 3060 | 0.32 | 18 | 5 | 175 | <0.01 | 10 | <10 | 28 | <10 | 541 |
| MI55973 | | 65 | 3020 | 260 | 0.02 | 12 | 5 | 112 | <0.01 | <10 | <10 | 16 | <10 | 105 |
| MI55974 | | 18 | 110 | 5 | 0.02 | <2 | 1 | 4 | <0.01 | <10 | <10 | 3 | <10 | 13 |
| MI55975 | | 10 | 70 | 6 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 10 |
| MI55976 | | 52 | 1880 | <2 | 0.04 | <2 | 4 | 30 | <0.01 | <10 | <10 | 7 | <10 | 30 |
| MI55977 | | 10 | 140 | 6 | 0.01 | <2 | 1 | 10 | <0.01 | <10 | <10 | 1 | <10 | 17 |
| MI55978 | | 12 | 120 | 5 | 0.05 | <2 | 1 | 9 | <0.01 | <10 | <10 | 2 | <10 | 13 |
| MI55979 | | 6 | 60 | 7 | 0.09 | <2 | 1 | 28 | <0.01 | <10 | <10 | 1 | <10 | 9 |
| MI55980 | | 7 | 80 | 5 | 0.01 | <2 | 1 | 23 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| MI55981 | | 8 | 10 | 9 | 0.26 | <2 | 1 | 32 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| MI55982 | | 5 | 30 | 11 | 0.05 | <2 | 1 | 49 | <0.01 | <10 | <10 | 1 | <10 | 44 |
| MI55983 | | 5 | 20 | 5 | 0.01 | <2 | 1 | 47 | <0.01 | <10 | <10 | 1 | <10 | 8 |

Comments: NSS is non-sufficient sample.



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CRANBROOK BC V1C 2N1

Page #: 4 - C
Total # of pages : 4 (A - C)
Date : 24-Jul-2003
Account: NJY

CERTIFICATE OF ANALYSIS VA03024566

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|-----------|----------|-----------|----------|----------|----------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Ti | U | V | W | Zn |
| | | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 | ppm 1 | ppm 1 | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| MI55984 | | 13 | 50 | 14 | 0.01 | <2 | 1 | 10 | <0.01 | <10 | <10 | 2 | <10 | 18 |
| MI55985 | | 15 | 200 | 32 | 0.01 | 38 | 4 | 33 | <0.01 | <10 | <10 | 12 | <10 | 1340 |
| MI55986 | | 8 | 80 | 7 | <0.01 | <2 | 1 | 17 | <0.01 | <10 | <10 | 2 | <10 | 15 |
| MI55987 | | 4 | 30 | 11 | <0.01 | <2 | 1 | 27 | <0.01 | <10 | <10 | 1 | <10 | 10 |
| MI55988 | | 5 | 30 | 16 | <0.01 | <2 | 1 | 22 | <0.01 | <10 | <10 | 1 | <10 | 21 |
| MI55989 | | 9 | 240 | 80 | 0.01 | <2 | 1 | 27 | <0.01 | <10 | <10 | 2 | <10 | 15 |
| MI55990 | | 5 | 40 | 21 | 0.03 | <2 | 1 | 15 | <0.01 | <10 | <10 | 1 | <10 | 11 |
| MI55991 | | 7 | 140 | 18 | 0.03 | <2 | 1 | 15 | <0.01 | <10 | <10 | 2 | <10 | 14 |
| MI55992 | | 10 | 120 | 18 | 0.22 | <2 | 1 | 43 | <0.01 | <10 | <10 | 2 | <10 | 27 |
| MI55993 | | 7 | 150 | 93 | 0.24 | <2 | 1 | 43 | <0.01 | <10 | <10 | 2 | <10 | 16 |
| MI55994 | | 4 | 30 | 71 | 0.12 | <2 | 3 | 134 | <0.01 | <10 | <10 | 2 | <10 | 14 |
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Comments: NSS is non-sufficient sample.

**GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT**

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-06

LENGTH: 232.6 M.

| | | | |
|---|----------------------------|---------------------------|----------------------------------|
| PROPERTY: ZINGER | | HORI. COMP: 116.3 meters | DRILL CONTRACTOR: |
| LOCATION: BIG LEDGE Same collar site as hole Z03-5. | | VERT. COMP: 201.43 meters | LONE RANGER |
| COMMENCED: July 5, 2003 | COMPLETED: July 10, 2003. | CORR. DIP: 60° | CORE SIZE: NQ |
| COORDS: Long. | Lat. | TRUE BEARING: 118° Azi. | CASING: 2.2 meters left in hole. |
| COORDS: UTM (E) 560956 | (N) 5475811 (EL) | % RECOVERY: | CORE STORAGE: Vine property. |
| COORDS: Grid (E) | (N) (EL) | LOGGED DATE: July 2003 | |
| ELEVATION: Approx. 2015 meters | COLLAR: Dip: 60° Azi: 118° | LOGGED BY: D.L. Pighin | |
| OBJECTIVE: | | | |
| SURVEYS: Depth: | Dip: Azi: | Type: | |
| ADDITIONAL SURVEYS: | | | |
| Depth: | Dip: Azi: | | |

| From | To | LITHOLOGY: Altered sediments. See adjacent hole Z03-5. |
|------|------|--|
| 2.2 | 82.0 | COLOR: |
| | | PRIMARY STRUCTURE: Good bedding to core at 67.0 m = 70°. |
| | | TECTONIC STRUCTURE: Foliation is 33° to core axis; widely scattered quartz – carbonate are at 33°. |
| | | GENERAL ALTERATION: See adjacent hole Z03-5. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: See adjacent hole Z03-5. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|----|------------|-------------------|------------|-------|--------|--------|--------|--------|--------|--------|
| 79 | 80 | | Altered sediments | M 170360 | 1 | <0.05 | <0.2 | 5 | 6 | 20 | 4 |
| 80 | 81 | | Altered sediments | M 170361 | 1 | <0.05 | <0.2 | 7 | 4 | 16 | 2 |
| 81 | 82 | | Altered sediments | M 170362 | 1 | <0.05 | <0.2 | 12 | 8 | 18 | 4 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z-03-06
LENGTH: 232.6 M.

| From | To | LITHOLOGY: Quartz and included altered sediments. Start of mineralized structure, 60% quartz and 40% sediments. |
|------|------|---|
| 82.0 | 86.5 | COLOR: Quartz is white stained brown, seds are late green. |
| | | PRIMARY STRUCTURE: NIL |
| | | TECTONIC STRUCTURE: Quartz veins cut core at 17° and 15°. |
| | | GENERAL ALTERATION: Included sediments are intensely silicified and sericitized. Sericite is late yellowish green. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Pyrite is abundant from 82.0 to 84.0. Pyrite is generally coarsely crystalline. From 82.0 and 84.0 pyrite is 10% by volume. Best pyrite interval is 82.0 to 83.0 (15% pyrite). 84.0 to 86.5 Breccia zone from by abundant quartz – pyrite – carbonate. Veinlets cutting core at angles of 15° and 80°. Pyrite mineralization is weak in these veinlets. Note: All the quartz is Drusy (vuggy). |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 82 | 82.5 | | Quartz with abundant disseminated euhedral pyrite (15% pyrite by volume). | M 170363 | 0.5 | <0.05 | <0.2 | 53 | 37 | 20 | 15 |
| 82.5 | 83 | | Quartz with abundant disseminated euhedral pyrite (15% pyrite by volume). | M 170364 | 0.5 | <0.05 | | 75 | 23 | 12 | 11 |
| 83 | 83.5 | | Quartz with abundant pyrite (less than 10% by volume). | M 170365 | 0.5 | <0.05 | <0.2 | 23 | 20 | 3 | 13 |
| 83.5 | 84 | | Quartz with abundant pyrite (less than 10% by volume). | M 170366 | 0.5 | <0.05 | 0.3 | 14 | 40 | 48 | 9 |
| 84 | 84.5 | | Quartz-pyrite - carbonate veinlets from breccia, weak pyrite mineralization. | M 170367 | 0.5 | <0.05 | <0.2 | 9 | 5 | 17 | 5 |
| 84.5 | 85 | | Quartz-pyrite - carbonate veinlets from breccia, weak pyrite mineralization. | M 170368 | 0.5 | <0.05 | <0.2 | 4 | 12 | 8 | 3 |
| 85 | 85.5 | | Quartz-pyrite - carbonate veinlets from breccia, weak pyrite mineralization. | M 170369 | 0.5 | <0.05 | <0.2 | <2 | 5 | 7 | 8 |
| 85.5 | 86 | | Quartz-pyrite - carbonate veinlets from breccia, weak pyrite mineralization. | M 170370 | 0.5 | <0.05 | <0.2 | 5 | 13 | 11 | 5 |
| 86 | 86.5 | | Quartz-pyrite - carbonate veinlets from breccia, weak pyrite mineralization. | M 170371 | 0.5 | <0.05 | <0.2 | 5 | 5 | 8 | 5 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z-03-06
LENGTH: 232.6 M.

| From | To | LITHOLOGY: Quartzite interbedded argillite. |
|------|-------|---|
| 86.5 | 110.5 | COLOR: Late brown, lined and speckled dark brown. |
| | | PRIMARY STRUCTURE: NIL. |
| | | TECTONIC STRUCTURE: Argillite beds are weakly to strongly foliated at 18° to core axis, quartzite beds are weakly crackle brecciated. Quartz – carbonate veinlets at 10°, 74°, and (60° dominant) to core axis. |
| | | GENERAL ALTERATION: Quartzite is intensely sericitized and silicified (yellowish green sericite). Limonite after carbonate occurs in hairline veinlets and is disseminated throughout section. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Pyrite mineralization is generally weak in this section, it occurs as weak disseminations in some of the quartzite and some of the veinlets. |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 86.5 | 87.5 | | | M 170372 | 1 | <0.05 | <0.2 | 5 | <2 | 12 | 3 |
| 87.5 | 88.5 | | | M 170373 | 1 | <0.05 | <0.2 | 2 | 3 | 18 | 3 |
| 88.5 | 89.5 | | | M 170374 | 1 | <0.05 | <0.2 | <2 | 6 | 14 | 3 |
| 89.5 | 90.5 | | | M 170375 | 1 | <0.05 | <0.2 | <2 | 3 | 24 | 2 |
| 90.5 | 91.5 | | | M 170376 | 1 | <0.05 | <0.2 | <2 | 4 | 14 | 3 |
| 91.5 | 92.5 | | | M 170377 | 1 | <0.05 | <0.2 | <2 | 3 | 19 | 2 |
| STND | | | | M 170378 | | NSS | 1.5 | 5420 | 25 | 95 | 67 |
| 92.5 | 93.5 | | Quartzite interbedded argillite minor pyrite. | M 170379 | 1 | <0.05 | <0.2 | 8 | 5 | 11 | 2 |
| 93.5 | 94.5 | | Quartzite interbedded argillite minor pyrite. | M 170380 | 1 | <0.05 | <0.2 | <2 | 3 | 12 | 4 |
| 94.5 | 95.5 | | Quartzite interbedded argillite minor pyrite. | M 170381 | 1 | <0.05 | <0.2 | <2 | 2 | 13 | 3 |
| 95.5 | 96.5 | | Quartzite interbedded argillite minor pyrite. | M 170382 | 1 | <0.05 | 0.2 | 5 | 114 | 32 | 8 |
| 96.5 | 97.5 | | Quartzite interbedded argillite minor pyrite. | M 170383 | 1 | <0.05 | <0.2 | <2 | 38 | 48 | 5 |
| 97.5 | 98.5 | | Quartzite interbedded argillite minor pyrite. | M 170384 | 1 | <0.05 | <0.2 | <2 | 3 | 21 | 3 |
| 98.5 | 99.5 | | Quartzite interbedded argillite minor pyrite. | M 170385 | 1 | <0.05 | <0.2 | 4 | 2 | 21 | 2 |
| 99.5 | 100.5 | | Quartzite interbedded argillite minor pyrite. | M 170386 | 1 | <0.05 | <0.2 | 2 | 4 | 15 | 3 |
| 100.5 | 101.5 | | Quartzite interbedded argillite minor pyrite. | M 170387 | 1 | <0.05 | <0.2 | <2 | 6 | 15 | 7 |
| 101.5 | 102.5 | | Quartzite interbedded argillite minor pyrite. | M 170388 | 1 | <0.05 | <0.2 | <2 | <2 | 11 | 5 |
| 102.5 | 103.5 | | Quartzite interbedded argillite minor pyrite. | M 170389 | 1 | <0.05 | <0.2 | <2 | 2 | 18 | 7 |
| 103.5 | 104.5 | | Quartzite interbedded argillite minor pyrite. | M 170390 | 1 | <0.05 | <0.2 | 5 | 8 | 19 | 6 |
| 104.5 | 105.5 | | Quartzite interbedded argillite minor pyrite. | M 170391 | 1 | <0.05 | 0.3 | 7 | 28 | 23 | 9 |
| 105.5 | 106.5 | | Quartzite interbedded argillite minor pyrite. | M 170392 | 1 | <0.05 | 0.2 | 11 | 7 | 28 | 7 |
| 106.5 | 107.5 | | Quartzite interbedded argillite minor pyrite. | M 170393 | 1 | <0.05 | <0.2 | 5 | 2 | 18 | 8 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-06

LENGTH: 232.6 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|------------|----------|------------|-------|--------|--------|--------|--------|--------|--------|
| 107.5 | 108.5 | | | M 170394 | 1 | <0.05 | <0.2 | 6 | 3 | 21 | 4 |
| 108.5 | 109.5 | | | M 170395 | 1 | <0.05 | <0.2 | 5 | <2 | 16 | 3 |
| 109.5 | 110.5 | | | M 170396 | 1 | <0.05 | <0.2 | 8 | 4 | 21 | 6 |

| From | To | LITHOLOGY: Quartzite. Veinlet breccia zone. |
|-------|-------|--|
| 110.5 | 118.5 | COLOR: Light green, |
| | | PRIMARY STRUCTURE: Nil |
| | | TECTONIC STRUCTURE: Quartz – carbonate filled fractures cut core axis at angles of 10°, 28° and dominate 55°. |
| | | GENERAL ALTERATION: Seds intensely silicified and sericitized. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: 111.0 112.0 Quartz – dolomite vein hosts 1% pyrite by volume. 112.0 – 118.5 Breccia formed by quartz – dolomite veinlets cut core as noted above, these, veinlets form up to 20% of the core by volume. Pyrite mineralization is rare this section. Tetrahedrite, galena and sphalerite was noted between 114.0 –to 115.0. Best pyrite mineralization occurs from 117.5 to 118.0. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 110.5 | 111 | | Breccia formed by quartz - dolomite veins approximately 1% pyrite. | M 170397 | 0.5 | <0.05 | <0.2 | 5 | 2 | 14 | 6 |
| 111 | 111.5 | | Breccia formed by quartz - dolomite veins approximately 1% pyrite. | M 170398 | 0.5 | <0.05 | <0.2 | 14 | 12 | 20 | 12 |
| 111.5 | 112 | | Breccia formed by quartz - dolomite veins approximately 1% pyrite. | M 170399 | 0.5 | <0.05 | <0.2 | 16 | 8 | 8 | 12 |
| 112 | 112.5 | | Breccia formed by quartz - dolomite veins approximately 1% pyrite. | M 170400 | 0.5 | <0.05 | <0.2 | 8 | 12 | 9 | 9 |
| STND | | | | M 170401 | | NSS | <0.2 | 771 | 35 | 1345 | 35 |
| 112.5 | 113 | | Breccia formed by quartz - dolomite veins approximately 1% pyrite. | M 170402 | 0.5 | <0.05 | <0.2 | 11 | <2 | 16 | 5 |
| 113 | 113.5 | | Breccia formed by quartz - dolomite veins approximately 1% pyrite. | M 170403 | 0.5 | <0.05 | <0.2 | 5 | <2 | 7 | 3 |
| 113.5 | 114 | | Breccia formed by quartz - dolomite veins approximately 1% pyrite. | M 170404 | 0.5 | <0.05 | <0.2 | 4 | 3 | 7 | 11 |
| 114 | 114.5 | | Breccia formed by quartz - dolomite veins approximately 1% pyrite, rare galena, sphalerite, tetrahedrite. | M 170405 | 0.5 | <0.05 | <0.2 | 18 | 3 | 13 | 9 |
| 114.5 | 115 | | Breccia formed by quartz - dolomite veins approximately 1% pyrite, rare galena, sphalerite, tetrahedrite. | M 170406 | 0.5 | <0.05 | <0.2 | 13 | 31 | 10 | 10 |
| 115 | 115.5 | | Breccia formed by quartz - dolomite veins approximately 1% pyrite. | M 170407 | 0.5 | <0.05 | <0.2 | 4 | 3 | 5 | 9 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-06

LENGTH: 232.6 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 115.5 | 116 | | Breccia formed by quartz - dolomite veins approximately 1% pyrite. | M 170408 | 0.5 | <0.05 | <0.2 | 2 | 2 | 7 | 5 |
| 116 | 116.5 | | Breccia formed by quartz - dolomite veins approximately 1% pyrite. | M 170409 | 0.5 | <0.05 | <0.2 | 3 | <2 | 11 | 3 |
| 116.5 | 117 | | Breccia formed by quartz - dolomite veins approximately 1% pyrite. | M 170410 | 0.5 | <0.05 | <0.2 | 12 | 2 | 16 | 5 |
| 117 | 117.5 | | Breccia formed by quartz - dolomite veins approximately 1% pyrite. | M 170411 | 0.5 | <0.05 | <0.2 | 10 | 3 | 13 | 2 |
| 117.5 | 118 | | Breccia formed by quartz - dolomite veins approximately 1% pyrite, good pyrite mineralization. | M 170412 | 0.5 | <0.05 | 0.4 | 28 | 5 | 24 | 7 |
| 118 | 118.5 | | Breccia formed by quartz - dolomite veins approximately 1% pyrite. | M 170413 | 0.5 | <0.05 | <0.2 | 48 | <2 | 47 | 3 |

| From | To | LITHOLOGY: Quartz sericitic, dolomite, pyrite vein. FW contact core at 23°. |
|-------|-------|---|
| 118.5 | 122.5 | COLOR: |
| | | PRIMARY STRUCTURE: |
| | | TECTONIC STRUCTURE: |
| | | GENERAL ALTERATION: |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: 118.0 – 118.5 sericite and quartz – weak pyrite. 118.5 – 170.5 50% quartz – 45% yellow sericite, minor gray dolomite, and 5% disseminated pyrite. 120.5 – 121.0 75% gray and white quartz, 25% pyrite, minor yellow sericite. 121.0 – 122.5 90% white and gray quartz 10% pyrite, minor yellow sericite. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 118.5 | 119 | | Vein; 50% white and grey quartz - 45% yellow sericite, minor grey dolomite and 5% disseminated pyrite. | M 170414 | 0.5 | <0.05 | <0.2 | 28 | 3 | 12 | 7 |
| 119 | 119.5 | | Vein; 50% white and grey quartz - 45% yellow sericite, minor grey dolomite and 5% disseminated pyrite. | M 170415 | 0.5 | <0.05 | <0.2 | 12 | <2 | 6 | 5 |
| 119.5 | 120 | | Vein; 50% white and grey quartz - 45% yellow sericite, minor grey dolomite and 5% disseminated pyrite. | M 170416 | 0.5 | <0.05 | <0.2 | 14 | 3 | 5 | 4 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-06

LENGTH: 232.6 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 120 | 120.5 | | Vein; 50% white and grey quartz - 45% yellow sericite, minor grey dolomite and 5% disseminated pyrite. | M 170417 | 0.5 | <0.05 | <0.2 | 19 | 6 | 6 | 5 |
| 120.5 | 121 | | Vein; 75% white and grey quartz, 25% disseminated pyrite, minor yellowish sericite. | M 170418 | 0.5 | <0.05 | 0.3 | 26 | 54 | 4 | 8 |
| 121 | 121.5 | | Vein; 90% white and grey quartz, 10% disseminated pyrite, minor yellowish sericite. | M 170419 | 0.5 | <0.05 | 0.2 | 14 | 21 | 2 | 7 |
| 121.5 | 122 | | Vein; 90% white and grey quartz, 10% disseminated pyrite, minor yellowish sericite. | M 170420 | 0.5 | <0.05 | <0.2 | 10 | 9 | 5 | 14 |
| 122 | 122.5 | | Vein; 90% white and grey quartz, 10% disseminated pyrite, minor yellowish sericite. | M 170421 | 0.5 | <0.05 | <0.2 | 32 | 3 | 6 | 9 |

| From | To | LITHOLOGY: Argillite interbedded siltstone, minor quartzite. |
|-------|-------|---|
| 122.5 | 147.2 | COLOR: Purplish gray streaked grayish purple, light yellowish green quartzite. |
| | | PRIMARY STRUCTURE: Thin to very thin bedded, bedding is sharp and wavy, siltstone beds are cross bedded (ripples). Quartzite appears to be silicified siltstone, thin mud chip breccia beds are scattered throughout the section. |
| | | Bedding to core at 126.0 = 54°. |
| | | TECTONIC STRUCTURE: |
| | | GENERAL ALTERATION: Siltstone – argillite beds are intensely silicified and sericitized from 131.8 to 132.8, 139.0 to 140.0 and from 142.0 to 143.0. This alteration produces a light yellowish green quartzite from normally purple siltstone. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Rare disseminated pyrite. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|------------|-----------------------------------|------------|-------|--------|--------|--------|--------|--------|--------|
| 122.5 | 123.5 | | Sediments unaltered, rare pyrite. | M 170422 | 0.5 | <0.05 | <0.2 | 18 | 2 | 9 | 3 |
| 123.5 | 124 | | Sediments unaltered, rare pyrite. | M 170423 | 0.5 | <0.05 | <0.2 | 7 | 23 | 60 | 4 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-06

LENGTH: 232.6 M.

| From | To | LITHOLOGY: Quartzite, minor argillite interbeds. Argillite forms less than 2% of section. Quartz vein from 154.3 to 155.3 cut core axis at 17°. |
|-------|-------|---|
| 147.2 | 158.2 | COLOR: Light maroon quartzite with yellowish green argillite beds and parting. |
| | | PRIMARY STRUCTURE: Medium to thin bedded, bedding is distinct generally wavy to distorted quartzite bed are very fine grained. Argillite generally forms thin partings between quartzite beds. Argillite also forms wispy – discontinuous paper thin lamina within the quartzite beds. Bedding to core axis at 151 = 60. |
| | | TECTONIC STRUCTURE: Nil. |
| | | GENERAL ALTERATION: Argillite throughout the section is totally altered to yellow sericite. From 151.0 to 154.3. Quartzites are intensely silicified and sericitized. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Quartz vein from 154.3 to 155.3 hosts rare specks of tetrahedrite and chalcopyrite. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 153.3 | 154.3 | | Silicified - sericitized quartzite minor pyrite. | M 170424 | 1 | <0.05 | <0.2 | 13 | <2 | 37 | 10 |
| 154.3 | 154.8 | | Quartz vein with rare chalcopyrite and tetrahedrite. | M 170425 | 0.5 | <0.05 | 0.2 | 22 | 3 | 48 | 56 |
| 154.8 | 155.3 | | Silicified - sericitized quartzite minor pyrite. | M 170426 | 0.5 | <0.05 | <0.2 | 18 | 4 | 22 | 11 |
| 155.3 | 155.8 | | Silicified - sericitized quartzite minor pyrite. | M 170427 | 0.5 | <0.05 | <0.2 | 12 | 2 | 23 | 3 |
| 155.8 | 156.8 | | Silicified - sericitized quartzite minor pyrite. | M 170428 | 1 | <0.05 | <0.2 | 8 | <2 | 17 | 3 |
| 156.8 | 157.8 | | Silicified - sericitized quartzite minor pyrite. | M 170429 | 1 | <0.05 | <0.2 | 9 | 2 | 18 | 3 |
| 157.8 | 158.8 | | Silicified - sericitized quartzite minor pyrite. | M 170430 | 1 | <0.05 | <0.2 | 25 | 2 | 30 | 3 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-06

LENGTH: 232.6 M.

| From | To | LITHOLOGY: Fault zone, consists mainly of gouge and brecciated sediments. 162.5 – 163.3 altered Gabbro? |
|-------|-------|--|
| 158.2 | 168.8 | COLOR: |
| | | PRIMARY STRUCTURE: Nil. |
| | | TECTONIC STRUCTURE: Upper fault at 158.2 – 162.5 cuts core at 5° to 2°, Lower fault zone from 163.2 to 168.8 cuts core axis at 30°. |
| | | GENERAL ALTERATION: Chlorite lined fractures are abundant from 163.8 – 168.3 |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: 158.0 to 160.8 sheared brecciated quartz with weak finely crystalline pyrite. 160.8 to 162.5 sheared chloritic seds in soft gouge matrix. 163.3 to 168.8 mostly gauge, with sheared chloritic seds. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 158.8 | 159.8 | | Fault zone soft gauge and brecciated sediments and quartz veins. | M 170431 | 1 | <0.05 | <0.2 | 13 | <2 | 26 | 8 |
| STND | | | | M 170432 | | NSS | <0.2 | 717 | 34 | 1330 | 34 |
| 159.8 | 160.8 | | Fault zone soft gauge and brecciated sediments and quartz veins. | M 170433 | 1 | <0.05 | <0.2 | 18 | 4 | 19 | 6 |
| 160.8 | 161.8 | | Sheared chloritic seds in soft gauge. | M 170434 | 1 | <0.05 | <0.2 | 11 | 10 | 16 | 5 |
| 161.8 | 162.8 | | Sheared chloritic seds in soft gauge. | M 170435 | 1 | 0.08 | <0.2 | 14 | 32 | 28 | 7 |
| 162.8 | 163.8 | | Sheared chloritic seds in soft gauge. | M 170436 | 1 | <0.05 | <0.2 | 17 | 8 | 36 | 7 |
| 163.8 | 164.8 | | Mostly soft gauge and sheared chloritic seds. | M 170437 | 1 | <0.05 | <0.2 | 4 | 2 | 17 | 2 |
| 164.8 | 165.8 | | Mostly soft gauge and sheared chloritic seds. | M 170438 | 1 | <0.05 | <0.2 | 4 | 2 | 16 | 3 |
| 165.8 | 166.8 | | Mostly soft gauge and sheared chloritic seds. | M 170439 | 1 | <0.05 | <0.2 | 7 | 2 | 12 | 3 |
| 166.8 | 167.8 | | Mostly soft gauge and sheared chloritic seds. | M 170440 | 1 | <0.05 | <0.2 | 2 | 2 | 10 | 1 |
| 167.8 | 168.8 | | Mostly soft gauge and sheared chloritic seds. | M 170441 | 1 | <0.05 | <0.2 | 2 | 2 | 9 | 2 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-06

LENGTH: 232.6 M.

| From | To | LITHOLOGY: Brecciated siltstone, minor quartzite. |
|-------|-------|--|
| 168.8 | 171.8 | COLOR: Light grey brecciated quartzite, with dark green fractures. |
| | | PRIMARY STRUCTURE: Nil. |
| | | TECTONIC STRUCTURE: Strongly crackle brecciated, dominate fracture sets at 42° and 30° to core axis. |
| | | GENERAL ALTERATION: Breccia is chlorizite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Very rare pyrite. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 168.8 | 169.8 | 50% | Strongly brecciated chloritic sediments, very rare pyrite. | M 170442 | 1 | <0.05 | <0.2 | 5 | 12 | 13 | 2 |
| 169.8 | 170.8 | | | M 170443 | 1 | <0.05 | <0.2 | 9 | <2 | 31 | 2 |
| 170.8 | 171.8 | 50% | | M 170444 | 1 | <0.05 | <0.2 | 17 | 10 | 71 | 3 |

| From | To | LITHOLOGY: Quartzite |
|-------|-------|--|
| 171.8 | 174.1 | COLOR: Late greenish Grey. |
| | | PRIMARY STRUCTURE: Medium to thin bedded, some very thin beds. Bedding is indistinct and wavy, quartzites very fine grain. Bedding to core at 137.0 = 52°. |
| | | TECTONIC STRUCTURE: Weakly brecciated. |
| | | GENERAL ALTERATION: Strongly silicified and sericitized. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Rare disseminated pyrite, widely scattered thin quartz – carbonate veinlets host minor pyrite mineralization. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 171.8 | 172.8 | | Weakly brecciated sericitized and silicified quartzite. | M 170445 | 1 | <0.05 | <0.2 | 2 | <2 | 13 | 2 |
| 172.8 | 173.8 | | Weakly brecciated sericitized and silicified quartzite. | M 170446 | 1 | 0.06 | <0.2 | 3 | <2 | 12 | 3 |
| 173.8 | 174.1 | | Weakly brecciated sericitized and silicified quartzite. | M 170447 | 0.4 | <0.05 | <0.2 | 9 | 3 | 16 | 1 |
| STND | | | Weakly brecciated sericitized and silicified quartzite. | M 170448 | | NSS | 1.6 | 5760 | 27 | 101 | 72 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-06

LENGTH: 232.6 M.

| From | To | LITHOLOGY: Brecciated quartzite, rare siltstone and argillite. |
|-------|-------|--|
| 174.1 | 201.0 | COLOR: Light gray to light greenish gray. |
| | | PRIMARY STRUCTURE: Destroyed by alteration and tectonics. |
| | | TECTONIC STRUCTURE: Strongly brecciated and healed by quartz – carbonated veins. The dominate vein set is 60° to core, lesser veins at 30° to 38°, 2 generations of brecciation is indicated. |
| | | GENERAL ALTERATION: Sediments in general are strongly silicified and sericitized, with scattered late hairline fractures lined by dark green chlorite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Quartz – carbonate veins which form the breccia structure range in thicknes from 2mm. to 300 mm. The quartz is drusy the vugs are lined by clear quartz crystallines and yellow dolomite crystallines. Weak pyrite mineralization occurs in the veinlets and brecciated seds throughout the breccia structure, rare disseminations of galena, shpalerite, tetrahedrite and chalcopyrite were noted throughout the breccia zone. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 174.1 | 174.5 | | Strongly brecciated quartzite abundant drusy white quartz. | M 170449 | 0.4 | <0.05 | <0.2 | 21 | 6 | 16 | 5 |
| 174.5 | 175.5 | | Strongly brecciated quartzite abundant drusy white quartz. | M 170450 | 1 | <0.05 | <0.2 | 14 | 5 | 15 | 5 |
| 175.5 | 176.5 | | Strongly brecciated quartzite abundant drusy white quartz. | M 170451 | 1 | <0.05 | <0.2 | 39 | 5 | 41 | 11 |
| 176.5 | 177.5 | | Strongly brecciated quartzite abundant drusy white quartz. | M 170452 | 1 | 0.06 | <0.2 | 6 | 5 | 6 | 8 |
| 177.5 | 178.5 | | Strongly brecciated quartzite abundant drusy white quartz. | M 170453 | 1 | <0.05 | <0.2 | 9 | 14 | 24 | 20 |
| 178.5 | 179.5 | | Strongly brecciated quartzite abundant drusy white quartz. | M 170454 | 1 | <0.05 | <0.2 | 10 | 32 | 18 | 12 |
| 179.5 | 180 | | Strongly brecciated quartzite abundant drusy white quartz. | M 170455 | 0.5 | <0.05 | <0.2 | 5 | 4 | 17 | 5 |
| 180 | 180.5 | | Strongly brecciated quartzite abundant drusy white quartz. | M 170456 | 0.5 | 0.09 | 0.6 | 12 | 84 | 8 | 30 |
| 180.5 | 181 | | Strongly brecciated quartzite abundant drusy white quartz. | M 170457 | 0.5 | <0.05 | <0.2 | 19 | 29 | 6 | 17 |
| 181 | 181.5 | | Strongly brecciated quartzite abundant drusy white quartz, 80% quartz. | M 170458 | 0.5 | <0.05 | 0.2 | 17 | 62 | 5 | 9 |
| 181.5 | 182 | | Strongly brecciated quartzite abundant drusy white quartz. | M 170459 | 0.5 | <0.05 | <0.2 | 25 | 16 | 13 | 15 |
| 182 | 182.5 | | Strongly brecciated quartzite abundant drusy white quartz. | M 170460 | 0.5 | <0.05 | <0.2 | 48 | <2 | 19 | 9 |
| 182.5 | 183 | | Strongly brecciated quartzite abundant drusy white quartz. | M 170461 | 0.5 | <0.05 | <0.2 | 21 | 21 | 28 | 13 |
| 183 | 183.5 | | Strongly brecciated quartzite abundant drusy white quartz. | M 170462 | 0.5 | 0.05 | <0.2 | 14 | 6 | 18 | 7 |
| 183.5 | 184 | | Strongly brecciated quartzite abundant drusy white quartz. | M 170463 | 0.5 | <0.05 | 0.2 | 9 | 99 | 40 | 16 |
| 184 | 184.5 | | Strongly brecciated quartzite abundant drusy white quartz. | M 170464 | 0.5 | <0.05 | <0.2 | 22 | 4 | 11 | 4 |
| 184.5 | 185 | | Strongly brecciated quartzite abundant drusy white quartz, 50% quartz. | M 170465 | 0.5 | <0.05 | <0.2 | 20 | 4 | 12 | 6 |
| 185 | 185.5 | | Strongly brecciated quartzite abundant drusy white quartz, 50% quartz. | M 170466 | 0.5 | <0.05 | <0.2 | 56 | 20 | 19 | 15 |
| 185.5 | 186 | | Strongly brecciated quartzite abundant drusy white quartz, rare arsenopyrite and galena. | M 170467 | 0.5 | 0.08 | <0.2 | 36 | 28 | 14 | 7 |
| 186 | 186.5 | | Strongly brecciated quartzite abundant drusy white quartz. | M 170468 | 0.5 | 0.08 | <0.2 | 25 | 9 | 20 | 7 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-06

LENGTH: 232.6 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 186.5 | 187 | | Strongly brecciated quartzite abundant drusy white quartz, rare chalcopryite and tetrahedrite. | M 170469 | 0.5 | 0.08 | <0.2 | 11 | 2 | 18 | 4 |
| 187 | 187.5 | | Strongly brecciated quartzite abundant drusy white quartz. | M 170470 | 0.5 | 0.08 | 0.3 | 28 | 23 | 68 | 32 |
| 187.5 | 188 | | Strongly brecciated quartzite abundant drusy white quartz. | M 170471 | 0.5 | 0.09 | <0.2 | 4 | 8 | 20 | 16 |
| 188 | 188.5 | | Strongly brecciated quartzite abundant drusy white quartz. | M 170472 | 0.5 | 0.08 | 0.6 | 13 | 7 | 31 | 23 |
| 188.5 | 189 | | Strongly brecciated quartzite abundant drusy white quartz. | M 170473 | 0.5 | NSS | <0.2 | 755 | 34 | 1365 | 34 |
| STND | | | 2 pa | M 170474 | 0.5 | <0.05 | <0.2 | 44 | 2 | 16 | 6 |
| 189 | 189.5 | | Strongly brecciated quartzite abundant drusy white quartz. | M 170475 | 0.5 | <0.05 | <0.2 | 122 | 3 | 16 | 11 |
| 189.5 | 190 | | Strongly brecciated quartzite abundant drusy white quartz. | M 170476 | 0.5 | <0.05 | <0.2 | 38 | 5 | 10 | 10 |
| 190 | 190.5 | | Strongly brecciated quartzite abundant drusy white quartz. | M 170477 | 0.5 | 0.05 | <0.2 | 20 | 6 | 11 | 11 |
| 190.5 | 191 | | Strongly brecciated quartzite abundant drusy white quartz. | M 170478 | 0.5 | 0.18 | <0.2 | 29 | 42 | 8 | 12 |
| 191 | 191.5 | | Strongly brecciated quartzite abundant drusy white quartz. | M 170479 | 0.5 | 0.08 | <0.2 | 21 | 19 | 2 | 13 |
| 191.5 | 192 | | Strongly brecciated quartzite abundant drusy white quartz. | M 170480 | 0.5 | <0.05 | <0.2 | 7 | 3 | 13 | 11 |
| 192 | 192.5 | | Strongly brecciated quartzite abundant drusy white quartz. | M 170481 | 0.5 | <0.05 | <0.2 | 10 | 30 | 26 | 5 |
| 192.5 | 193 | | Strongly brecciated quartzite abundant drusy white quartz. | M 170482 | 0.5 | <0.05 | <0.2 | 18 | 54 | 45 | 8 |
| 193 | 193.5 | | Strongly brecciated quartzite abundant drusy white quartz. | M 170483 | 0.5 | 0.06 | <0.2 | 10 | 44 | 143 | 16 |
| 193.5 | 194 | | Strongly brecciated quartzite abundant drusy white quartz. | M 170484 | 0.5 | 0.09 | <0.2 | 2 | 27 | 29 | 15 |
| 194 | 194.5 | | Strongly brecciated quartzite abundant drusy white quartz. | M 170485 | 0.5 | <0.05 | 0.2 | 37 | 16 | 7 | 16 |
| 194.5 | 195 | | Strongly brecciated quartzite abundant drusy white quartz, 70% quartz - carbonate. | M 170486 | 0.5 | 0.26 | <0.2 | 6 | 3 | 5 | 13 |
| 195 | 195.5 | | Weakly brecciated, cut by paper thin chlorite lined | M 170487 | 0.5 | <0.05 | <0.2 | 3 | 10 | 4 | 9 |
| 195.5 | 196 | | | M 170488 | 0.5 | 0.09 | <0.2 | 2 | <2 | 3 | 8 |
| 196 | 196.5 | | | M 170489 | 0.5 | <0.05 | <0.2 | <2 | 4 | 18 | 9 |
| 196.5 | 197 | | | M 170490 | 0.5 | <0.05 | <0.2 | <2 | <2 | 3 | 11 |
| 197 | 197.5 | | | M 170491 | 0.5 | 0.12 | 0.2 | 8 | 17 | 13 | 12 |
| 197.5 | 198 | | | M 170492 | 0.5 | <0.05 | <0.2 | 14 | <2 | 21 | 4 |
| 198 | 198.5 | | | M 170493 | 0.5 | <0.05 | <0.2 | 10 | 2 | 28 | 6 |
| 198.5 | 199 | | | M 170494 | 0.5 | <0.05 | <0.2 | 47 | 9 | 13 | 7 |
| 199 | 199.5 | | | M 170495 | 0.5 | <0.05 | <0.2 | 13 | 5 | 21 | 8 |
| 199.5 | 200 | | | M 170496 | 0.5 | <0.05 | <0.2 | 14 | 2 | 4 | 10 |
| 200 | 200.5 | | | M 170497 | 0.5 | 0.06 | <0.2 | 12 | 7 | 6 | 11 |
| 200.5 | 201 | | | M 170498 | 0.5 | <0.05 | <0.2 | 57 | 2 | 31 | 6 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-06

LENGTH: 232.6 M.

| From | To | LITHOLOGY: Carbonatized - sericitized Gabbro (greenstone). |
|-------|-------|---|
| 201.0 | 226.0 | COLOR: Light green to light brownish gray. |
| | | TEXTURE: Finely crystalline. Sericite in carbonate matrix. |
| | | TECTONIC STRUCTURE: Widely scattered quartz - carbonate (dolomite). Veinlets cut core axis at 60° to 25°. |
| | | GENERAL ALTERATION: Original gabbro; totally altered to sericite, dolomite, minor leucosene. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Pyrite is widely scattered throughout the altered gabbro. It occurs carbonate - quartz veinlets and in the altered gabbro. Rare tetrahedrite, chalcopyrite and hematite occur in the veinlets. 224.0 - 225.0 Strongly pyritic, some quartz - carbonate veins, most of pyrite is disseminated in altered (carbonatized) gabbro, best pyrite min. is associated with 55° and 70° fractures. |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-----|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 201 | 202 | | Carbonated - sericitized gabbro, widely scattered pyrite, rare tetrahedrite and chalcopyrite in quartz veins. | M 170499 | 1 | <0.05 | <0.2 | 61 | <2 | 42 | 11 |
| STND | | | 10:00 PM | M 170500 | 1 | NSS | 1.5 | 5330 | 23 | 98 | 68 |
| 202 | 203 | | | M 170501 | 1 | <0.05 | <0.2 | 116 | <2 | 44 | 6 |
| 203 | 204 | | | M 170502 | 1 | <0.05 | <0.2 | 108 | <2 | 59 | 11 |
| 204 | 205 | | | M 170503 | 1 | <0.05 | <0.2 | 104 | <2 | 77 | 85 |
| 205 | 206 | | | M 170504 | 1 | <0.05 | 1.1 | 110 | | 51 | 209 |
| 206 | 207 | | | M 170505 | 1 | <0.05 | 1.3 | 144 | 2 | 66 | 199 |
| 207 | 208 | | | M 170506 | 1 | <0.05 | <0.2 | 51 | 3 | 59 | 24 |
| 208 | 209 | | | M 170507 | 1 | 0.05 | 0.3 | 84 | <2 | 50 | 302 |
| 209 | 210 | | | M 170508 | 1 | 0.05 | 0.2 | 87 | <2 | 88 | 81 |
| 210 | 211 | | | M 170509 | 1 | <0.05 | 0.2 | 116 | <2 | 62 | 12 |
| 211 | 212 | | | M 170510 | 1 | <0.05 | 0.5 | 111 | <2 | 54 | 96 |
| 212 | 213 | | | M 170511 | 1 | <0.05 | 0.4 | 107 | 11 | 55 | 187 |
| 213 | 214 | | | M 170512 | 1 | <0.05 | 0.3 | 78 | 26 | 66 | 169 |
| 214 | 215 | | | M 170513 | 1 | <0.05 | <0.2 | 77 | 2 | 69 | 172 |
| 215 | 216 | | | M 170514 | 1 | 0.1 | 0.2 | 244 | 2 | 63 | 172 |
| 216 | 217 | | | M 170515 | 1 | <0.05 | 0.2 | 44 | <2 | 78 | 218 |
| 217 | 218 | | Carbonatized - sericitized gabbro, widely scattered pyrite. | M 170516 | 1 | <0.05 | <0.2 | 33 | 5 | 92 | 218 |
| STND | | | Carbonatized - sericitized gabbro, widely scattered pyrite. | M 170517 | | <0.05 | <0.2 | 755 | 35 | 1430 | 37 |
| 223.3 | 224 | | Carbonatized - sericitized gabbro, widely scattered pyrite. | M 170518 | 0.7 | <0.05 | <0.2 | 86 | 10 | 72 | 194 |
| 224 | 225 | | Carbonatized - sericitized gabbro, widely scattered pyrite, strongly disseminated pyrite (25% pyrite). | M 170519 | 1 | <0.05 | <0.2 | 208 | 23 | 53 | 92 |
| 225 | 226 | | Carbonatized - sericitized gabbro, widely scattered pyrite. | M 170520 | 1 | <0.05 | <0.2 | 49 | 5 | 71 | 180 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-06

LENGTH: 232.6 M.

| From | To | LITHOLOGY: Gabbro (greenstone). |
|-------------|-------|---|
| 226.0 | 232.6 | COLOR: Dark green. |
| END OF HOLE | | TEXTURE: Very finely crystalline. |
| | | TECTONIC STRUCTURE: Quartz – carbonate filled fractures cut core axis at 55°, 70° and rarely at 30°. |
| | | GENERAL ALTERATION: Patchy sericitization and carbonatization. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: 228.5- 229.0 Good disseminated pyrite (20% by volume) over 20 cm. of core associated with a quartz fracture cutting core at 55°. |
| | | Fine specks of pyrrhotite and chalcopyrite are widely scattered through-out the interusive. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 228 | 228.5 | | Gabbro (greenstone) very weakly disseminated pyrrhotite and chalcopyrite. | M 170521 | .5 | <0.05 | <0.2 | 5 | 2 | 93 | 181 |
| 228.5 | 229 | | Gabbro (greenstone) very weakly disseminated pyrrhotite and chalcopyrite, (20cm of 20% pyrite). | M 170522 | .5 | <0.05 | 0.2 | 90 | 3 | 70 | 145 |
| 229 | 230 | | Gabbro (greenstone) very weakly disseminated pyrrhotite and chalcopyrite. | M 172523 | 1 | <0.05 | <0.2 | 2 | 2 | 95 | 187 |



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CRANBROOK BC V1C 2N1

Page #: 2 - A
Total # of pages : 2 (A - C)
Date : 24-Jul-2003
Account: NJY

Project : Z-03-07

CERTIFICATE OF ANALYSIS VA03025541

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M170517 | Hole 6 | 0.10 | 0.83 | <0.05 | 0.84 | <0.001 | 0.53 | 63.4 | 0.84 | 0.84 | <0.2 | 0.76 | 755 | <10 | 90 | 0.6 |
| M170518 | | 1.72 | <0.05 | <0.05 | <0.05 | <0.001 | 13.23 | 1645.0 | <0.01 | <0.01 | 0.2 | 1.08 | 86 | <10 | <10 | <0.5 |
| M170519 | | 2.68 | 0.15 | 0.24 | 0.15 | 0.002 | 8.25 | 2547 | 0.15 | 0.15 | 0.3 | 0.72 | 208 | <10 | 20 | <0.5 |
| M170520 | | 2.76 | <0.05 | <0.05 | <0.05 | <0.001 | 25.28 | 2604 | <0.01 | 0.01 | <0.2 | 0.90 | 49 | <10 | 10 | <0.5 |
| M170521 | | 1.38 | <0.05 | <0.05 | <0.05 | <0.001 | 15.48 | 1303.0 | <0.01 | <0.01 | <0.2 | 1.68 | 5 | <10 | 10 | <0.5 |
| M170522 | Hole 7 | 0.98 | <0.05 | <0.05 | <0.05 | <0.001 | 3.61 | 934.9 | <0.01 | 0.01 | 0.2 | 0.96 | 90 | <10 | 10 | <0.5 |
| M170523 | | 2.46 | <0.05 | <0.05 | <0.05 | <0.001 | 13.30 | 2390 | <0.01 | <0.01 | <0.2 | 2.15 | 2 | <10 | 10 | 0.5 |
| M170524 | | 2.48 | <0.05 | <0.05 | <0.05 | <0.001 | 16.49 | 2211 | 0.02 | 0.01 | 2.2 | 3.83 | 43 | <10 | 110 | 0.5 |
| M170525 | | 2.22 | <0.05 | <0.05 | <0.05 | <0.001 | 12.38 | 1929.5 | <0.01 | <0.01 | 0.2 | 3.75 | 34 | <10 | 30 | 0.7 |
| M170526 | | 1.00 | <0.05 | <0.05 | <0.05 | <0.001 | 17.32 | 819.2 | <0.01 | <0.01 | <0.2 | 4.07 | 25 | <10 | 20 | 1.0 |
| M170527 | Hole 7 | 2.12 | <0.05 | <0.05 | <0.05 | <0.001 | 16.47 | 1792.5 | <0.01 | <0.01 | <0.2 | 2.93 | 27 | <10 | 10 | 0.6 |
| M170528 | | 2.02 | <0.05 | <0.05 | <0.05 | <0.001 | 20.04 | 1747.5 | 0.01 | <0.01 | <0.2 | 2.50 | 18 | <10 | 10 | <0.5 |
| M170529 | | 1.80 | <0.05 | <0.05 | <0.05 | <0.001 | 16.47 | 1558.5 | 0.01 | <0.01 | 0.3 | 1.32 | 128 | <10 | 20 | <0.5 |
| M170530 | | 2.06 | <0.05 | <0.05 | <0.05 | <0.001 | 16.24 | 1748.0 | 0.01 | <0.01 | 1.4 | 0.69 | 160 | <10 | 20 | <0.5 |
| M170531 | | 1.78 | 0.11 | 0.18 | 0.11 | 0.002 | 10.93 | 1518.5 | 0.10 | 0.11 | 3.6 | 0.48 | 1355 | <10 | 40 | <0.5 |
| M170532 | Hole 7 | 1.52 | 0.06 | <0.05 | 0.06 | <0.001 | 12.50 | 1243.0 | 0.05 | 0.07 | 5.3 | 0.33 | 2010 | <10 | 50 | <0.5 |
| M170533 | | 0.86 | <0.05 | <0.05 | <0.05 | <0.001 | 9.69 | 736.7 | 0.01 | 0.01 | 0.4 | 0.32 | 306 | <10 | 40 | <0.5 |
| M170534 | | 1.16 | <0.05 | <0.05 | <0.05 | <0.001 | 6.53 | 967.6 | 0.01 | 0.02 | 1.4 | 0.39 | 489 | <10 | 40 | <0.5 |
| M170535 | | 1.10 | <0.05 | <0.05 | <0.05 | <0.001 | 3.66 | 937.8 | 0.01 | 0.02 | 0.9 | 0.34 | 360 | <10 | 30 | <0.5 |
| M170536 | | 1.20 | <0.05 | <0.05 | <0.05 | <0.001 | 6.35 | 995.3 | <0.01 | 0.01 | 1.1 | 0.42 | 241 | <10 | 30 | <0.5 |
| M170537 | Hole 7 | 0.64 | <0.05 | <0.05 | <0.05 | <0.001 | 3.53 | 600.8 | <0.01 | 0.01 | 0.4 | 0.11 | 94 | <10 | 10 | <0.5 |
| M170538 | | 0.78 | <0.05 | <0.05 | <0.05 | <0.001 | 3.58 | 653.3 | <0.01 | 0.01 | 0.9 | 0.47 | 295 | <10 | 30 | <0.5 |
| M170539 | | 1.04 | <0.05 | <0.05 | <0.05 | <0.001 | 5.30 | 903.5 | <0.01 | <0.01 | 1.1 | 0.35 | 194 | <10 | 20 | <0.5 |
| M170540 | | 1.08 | <0.05 | 0.12 | <0.05 | 0.001 | 8.53 | 935.7 | 0.03 | 0.02 | 0.4 | 0.22 | 202 | <10 | 30 | <0.5 |
| M170541 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 6.61 | 6.32 | 1.3 | 2.94 | 5090 | 10 | 60 | 2.1 |
| M170542 | Hole 7 | 0.90 | 0.10 | <0.05 | 0.11 | <0.001 | 11.03 | 814.8 | 0.11 | 0.10 | <0.2 | 0.33 | 126 | <10 | 30 | <0.5 |
| M170543 | | 1.12 | <0.05 | <0.05 | <0.05 | <0.001 | 12.77 | 1018.0 | <0.01 | <0.01 | <0.2 | 0.65 | 37 | <10 | 30 | <0.5 |
| M170544 | | 0.86 | <0.05 | <0.05 | <0.05 | <0.001 | 6.76 | 783.4 | <0.01 | <0.01 | <0.2 | 0.51 | 25 | <10 | 30 | <0.5 |
| M170545 | | 1.12 | <0.05 | <0.05 | <0.05 | <0.001 | 13.18 | 1015.0 | <0.01 | <0.01 | <0.2 | 0.58 | 54 | <10 | 30 | <0.5 |
| M170546 | | 1.18 | <0.05 | <0.05 | <0.05 | <0.001 | 15.57 | 1080.5 | <0.01 | <0.01 | <0.2 | 0.58 | 16 | <10 | 30 | <0.5 |
| M170547 | Hole 7 | 1.02 | <0.05 | <0.05 | <0.05 | <0.001 | 5.60 | 945.2 | <0.01 | <0.01 | <0.2 | 0.45 | 12 | <10 | 20 | <0.5 |
| M170548 | | 1.28 | <0.05 | <0.05 | <0.05 | <0.001 | 14.42 | 1163.5 | <0.01 | <0.01 | <0.2 | 0.46 | 16 | <10 | 20 | <0.5 |
| M170549 | | 1.12 | <0.05 | <0.05 | <0.05 | <0.001 | 11.56 | 1045.5 | <0.01 | <0.01 | <0.2 | 0.51 | 16 | <10 | 30 | <0.5 |
| M170550 | | 0.94 | <0.05 | <0.05 | <0.05 | <0.001 | 8.91 | 869.5 | <0.01 | <0.01 | <0.2 | 0.38 | 28 | <10 | 20 | <0.5 |

Comments: NSS is non-sufficient sample.



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CRANBROOK BC V1C 2N1

Page # : 1
Date : 23-Jul-2003
Account: NJY

CERTIFICATE VA03024959

Project : Z-03-06

P.O. No:

This report is for 35 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 10-Jul-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-21 | Crush entire sample 70% < 6 mm |
| PUL-21 | Pulverize entire sample |
| LOG-24 | Pulp Login - Rcd w/o Barcode |
| CRU-31 | Fine crushing - 70% <2mm |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
104-135 10TH AVE S
CRANBROOK BC V1C 2N1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Page #: 2 - A
Total # of pages : 2 (A - C)
Date : 23-Jul-2003
Account: NJY

Project : Z-03-06

CERTIFICATE OF ANALYSIS VA03024959

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25 Au Check ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|------------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M170413 | | 1.08 | <0.05 | <0.05 | <0.05 | <0.001 | 18.75 | 1016.5 | <0.01 | | <0.01 | <0.2 | 0.33 | 48 | <10 | 10 |
| M170414 | | 1.46 | <0.05 | <0.05 | <0.05 | <0.001 | 4.79 | 1357.0 | <0.01 | | 0.01 | <0.2 | 0.23 | 28 | <10 | 10 |
| M170415 | | 0.78 | <0.05 | <0.05 | <0.05 | <0.001 | 22.25 | 696.3 | <0.01 | | 0.01 | <0.2 | 0.25 | 12 | <10 | 10 |
| M170416 | | 1.46 | <0.05 | <0.05 | <0.05 | <0.001 | 31.48 | 1369.5 | <0.01 | | 0.02 | <0.2 | 0.22 | 14 | <10 | 10 |
| M170417 | | 1.24 | <0.05 | <0.05 | <0.05 | <0.001 | 10.79 | 1147.0 | <0.01 | | 0.04 | <0.2 | 0.22 | 19 | <10 | 10 |
| M170418 | | 1.76 | <0.05 | <0.05 | <0.05 | <0.001 | 11.87 | 1671.0 | 0.01 | | 0.02 | 0.3 | 0.17 | 26 | <10 | 10 |
| M170419 | | 1.24 | <0.05 | <0.05 | <0.05 | <0.001 | 29.45 | 1137.0 | 0.01 | | 0.01 | 0.2 | 0.13 | 14 | <10 | 10 |
| M170420 | | 1.10 | <0.05 | <0.05 | <0.05 | <0.001 | 6.59 | 1055.5 | 0.01 | | <0.01 | <0.2 | 0.12 | 10 | <10 | 10 |
| M170421 | | 1.14 | <0.05 | <0.05 | <0.05 | <0.001 | 24.99 | 1045.5 | <0.01 | | 0.02 | <0.2 | 0.23 | 32 | <10 | 30 |
| M170422 | | 2.20 | <0.05 | <0.05 | <0.05 | <0.001 | 13.47 | 2115 | 0.01 | | <0.01 | <0.2 | 0.42 | 18 | <10 | 40 |
| M170423 | | 1.24 | <0.05 | <0.05 | <0.05 | <0.001 | 29.17 | 1161.5 | <0.01 | | 0.01 | <0.2 | 0.48 | 7 | <10 | 50 |
| M170424 | | 2.40 | <0.05 | <0.05 | <0.05 | <0.001 | 25.47 | 2284 | <0.01 | | 0.02 | <0.2 | 0.44 | 13 | <10 | 20 |
| M170425 | | 1.30 | <0.05 | <0.05 | <0.05 | <0.001 | 26.59 | 1219.0 | <0.01 | | 0.03 | 0.2 | 0.27 | 22 | <10 | 10 |
| M170426 | | 1.50 | <0.05 | <0.05 | <0.05 | <0.001 | 27.90 | 1412.0 | <0.01 | | <0.01 | <0.2 | 0.16 | 18 | <10 | 10 |
| M170427 | | 0.82 | <0.05 | <0.05 | <0.05 | <0.001 | 11.75 | 744.5 | <0.01 | | 0.01 | <0.2 | 0.53 | 12 | <10 | 20 |
| M170428 | | 2.44 | <0.05 | <0.05 | <0.05 | <0.001 | 26.70 | 2335 | <0.01 | | <0.01 | <0.2 | 0.40 | 8 | <10 | 20 |
| M170429 | | 2.32 | <0.05 | <0.05 | <0.05 | <0.001 | 12.75 | 2212 | <0.01 | | <0.01 | <0.2 | 0.46 | 9 | <10 | 20 |
| M170430 | | 3.80 | <0.05 | <0.05 | <0.05 | <0.001 | 27.80 | 3613 | <0.01 | | 0.01 | <0.2 | 0.41 | 25 | 10 | 20 |
| M170431 | | 2.20 | <0.05 | <0.05 | <0.05 | <0.001 | 16.96 | 2051 | <0.01 | | <0.01 | <0.2 | 0.29 | 13 | <10 | 10 |
| M170432 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 0.26 | 1.05 | 0.84 | <0.2 | 0.72 | 717 | <10 | 80 |
| M170433 | | 1.88 | <0.05 | <0.05 | <0.05 | <0.001 | 16.63 | 1714.5 | <0.01 | | 0.01 | <0.2 | 0.33 | 18 | <10 | 10 |
| M170434 | | 0.86 | <0.05 | <0.05 | <0.05 | <0.001 | 10.27 | 772.2 | <0.01 | | 0.01 | <0.2 | 0.78 | 11 | <10 | 40 |
| M170435 | | 2.56 | 0.08 | <0.05 | 0.08 | <0.001 | 25.77 | 2375 | 0.11 | | 0.05 | 0.2 | 0.56 | 14 | <10 | 30 |
| M170436 | | 2.56 | <0.05 | <0.05 | <0.05 | <0.001 | 31.28 | 2360 | 0.01 | | 0.02 | <0.2 | 0.51 | 17 | <10 | 20 |
| M170437 | | 1.02 | <0.05 | <0.05 | <0.05 | <0.001 | 6.50 | 906.7 | 0.01 | | 0.01 | <0.2 | 0.87 | 4 | <10 | 50 |
| M170438 | | 2.36 | <0.05 | <0.05 | <0.05 | <0.001 | 15.57 | 2120 | <0.01 | | <0.01 | <0.2 | 0.54 | 4 | <10 | 20 |
| M170439 | | 2.90 | <0.05 | <0.05 | <0.05 | <0.001 | 22.26 | 2679 | <0.01 | | 0.01 | <0.2 | 0.54 | 7 | <10 | 30 |
| M170440 | | 2.90 | <0.05 | <0.05 | <0.05 | <0.001 | 23.63 | 2717 | <0.01 | | <0.01 | <0.2 | 0.53 | 2 | <10 | 20 |
| M170441 | | 2.86 | <0.05 | <0.05 | <0.05 | <0.001 | 18.55 | 2675 | <0.01 | | <0.01 | <0.2 | 0.60 | 2 | <10 | 20 |
| M170442 | | 2.26 | <0.05 | <0.05 | <0.05 | <0.001 | 25.65 | 2098 | <0.01 | | <0.01 | <0.2 | 0.49 | 5 | <10 | 20 |
| M170443 | | 2.60 | <0.05 | <0.05 | <0.05 | <0.001 | 23.07 | 2424 | <0.01 | | <0.01 | <0.2 | 0.43 | 9 | <10 | 20 |
| M170444 | | 1.08 | <0.05 | <0.05 | <0.05 | <0.001 | 38.97 | 950.1 | <0.01 | | 0.01 | <0.2 | 0.58 | 17 | <10 | 20 |
| M170445 | | 2.72 | <0.05 | <0.05 | <0.05 | <0.001 | 18.74 | 2610 | <0.01 | | <0.01 | <0.2 | 0.34 | 2 | <10 | 40 |
| M170446 | | 2.80 | 0.06 | <0.05 | 0.07 | <0.001 | 34.03 | 2661 | 0.07 | | 0.06 | <0.2 | 0.29 | 3 | <10 | 30 |
| M170447 | | 0.66 | <0.05 | <0.05 | <0.05 | <0.001 | 8.41 | 600.1 | <0.01 | | <0.01 | <0.2 | 0.45 | 9 | <10 | 50 |

Comments: Sample M170432 exhibits Au nugget effect. NSS is non-sufficient sample.



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Page #: 2 - B
Total # of pages : 2 (A - C)
Date : 23-Jul-2003
Account: NJY

Project : Z-03-06

CERTIFICATE OF ANALYSIS VA03024959

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|------------------|----------------|-----------------|------------------|----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|
| | | Be ppm 0.5 | Bi ppm 2 | Ca % 0.01 | Cd ppm 0.5 | Co ppm 1 | Cr ppm 1 | Cu ppm 1 | Fe % 0.01 | Ga ppm 10 | Hg ppm 1 | K % 0.01 | La ppm 10 | Mg % 0.01 | Mn ppm 5 | Mo ppm 1 |
| M170413 | | <0.5 | <2 | 0.28 | <0.5 | 34 | 12 | 3 | 3.33 | <10 | <1 | 0.21 | 30 | 4.53 | 350 | <1 |
| M170414 | | <0.5 | <2 | 1.07 | <0.5 | 157 | 9 | 7 | 2.21 | <10 | <1 | 0.16 | <10 | 1.78 | 214 | <1 |
| M170415 | | <0.5 | <2 | 1.12 | <0.5 | 89 | 3 | 5 | 1.26 | <10 | <1 | 0.18 | <10 | 1.30 | 145 | <1 |
| M170416 | | <0.5 | <2 | 0.48 | <0.5 | 54 | 5 | 4 | 1.09 | <10 | <1 | 0.16 | <10 | 0.79 | 89 | <1 |
| M170417 | | <0.5 | <2 | 0.50 | <0.5 | 88 | 6 | 5 | 1.63 | <10 | <1 | 0.15 | <10 | 0.72 | 80 | <1 |
| M170418 | | <0.5 | 2 | 0.13 | <0.5 | 307 | 15 | 8 | 3.94 | <10 | <1 | 0.11 | <10 | 0.24 | 38 | <1 |
| M170419 | | <0.5 | <2 | 0.05 | <0.5 | 64 | 6 | 7 | 1.33 | <10 | <1 | 0.09 | <10 | 0.03 | 8 | <1 |
| M170420 | | <0.5 | <2 | 0.03 | <0.5 | 40 | 19 | 14 | 1.32 | <10 | <1 | 0.10 | <10 | 0.04 | 18 | <1 |
| M170421 | | <0.5 | <2 | 0.05 | <0.5 | 9 | 5 | 9 | 0.67 | <10 | <1 | 0.18 | <10 | 0.17 | 56 | <1 |
| M170422 | | <0.5 | <2 | 0.30 | <0.5 | 2 | 4 | 3 | 0.77 | <10 | <1 | 0.29 | 10 | 0.29 | 89 | <1 |
| M170423 | | <0.5 | <2 | 0.13 | 1.2 | 5 | 4 | 4 | 0.82 | <10 | <1 | 0.33 | 10 | 0.61 | 138 | <1 |
| M170424 | | <0.5 | <2 | 0.07 | <0.5 | 10 | 5 | 10 | 2.36 | <10 | <1 | 0.27 | 20 | 2.74 | 182 | <1 |
| M170425 | | <0.5 | <2 | 0.07 | <0.5 | 10 | 6 | 56 | 2.68 | <10 | <1 | 0.16 | 20 | 2.90 | 231 | <1 |
| M170426 | | <0.5 | <2 | 0.15 | <0.5 | 9 | 8 | 11 | 1.77 | <10 | <1 | 0.10 | <10 | 1.67 | 144 | <1 |
| M170427 | | 0.7 | <2 | 0.04 | <0.5 | 10 | 4 | 3 | 1.30 | <10 | <1 | 0.27 | 10 | 1.19 | 138 | <1 |
| M170428 | | <0.5 | <2 | 0.04 | <0.5 | 5 | 3 | 3 | 1.36 | <10 | <1 | 0.26 | 10 | 1.57 | 138 | <1 |
| M170429 | | <0.5 | <2 | 0.04 | <0.5 | 6 | 3 | 3 | 1.58 | <10 | <1 | 0.28 | 20 | 1.88 | 125 | <1 |
| M170430 | | <0.5 | <2 | 0.14 | <0.5 | 20 | 5 | 3 | 2.55 | <10 | <1 | 0.23 | 10 | 2.53 | 248 | <1 |
| M170431 | | <0.5 | <2 | 0.77 | <0.5 | 9 | 5 | 8 | 2.43 | <10 | <1 | 0.13 | 10 | 2.08 | 419 | <1 |
| M170432 | | 0.6 | <2 | 0.45 | <0.5 | 4 | 54 | 34 | 3.12 | <10 | <1 | 0.26 | 20 | 0.06 | 85 | 5 |
| M170433 | | <0.5 | <2 | 1.42 | <0.5 | 10 | 4 | 6 | 1.80 | <10 | <1 | 0.15 | <10 | 1.53 | 367 | <1 |
| M170434 | | 0.6 | <2 | 1.39 | <0.5 | 6 | 5 | 5 | 1.50 | <10 | <1 | 0.23 | 20 | 1.12 | 232 | <1 |
| M170435 | | 0.5 | <2 | 3.19 | <0.5 | 11 | 10 | 7 | 2.46 | <10 | 1 | 0.19 | 20 | 2.05 | 564 | 1 |
| M170436 | | <0.5 | <2 | 4.93 | 0.7 | 17 | 19 | 7 | 3.45 | <10 | <1 | 0.21 | 20 | 3.22 | 696 | 2 |
| M170437 | | 0.5 | <2 | 0.13 | <0.5 | 5 | 4 | 2 | 1.36 | <10 | <1 | 0.27 | 30 | 0.48 | 101 | <1 |
| M170438 | | <0.5 | <2 | 0.36 | <0.5 | 4 | 4 | 3 | 1.08 | <10 | <1 | 0.09 | 20 | 0.51 | 90 | <1 |
| M170439 | | <0.5 | <2 | 0.10 | <0.5 | 3 | 4 | 3 | 1.19 | <10 | <1 | 0.11 | 20 | 0.38 | 37 | <1 |
| M170440 | | <0.5 | <2 | 0.25 | <0.5 | 4 | 3 | 1 | 1.28 | <10 | <1 | 0.12 | 20 | 0.52 | 67 | <1 |
| M170441 | | <0.5 | <2 | 0.64 | <0.5 | 4 | 3 | 2 | 1.13 | <10 | <1 | 0.13 | 30 | 0.64 | 95 | <1 |
| M170442 | | <0.5 | <2 | 0.29 | <0.5 | 5 | 3 | 2 | 1.36 | <10 | <1 | 0.16 | 30 | 0.49 | 77 | <1 |
| M170443 | | <0.5 | <2 | 0.95 | <0.5 | 17 | 11 | 2 | 2.97 | <10 | <1 | 0.23 | 20 | 2.97 | 263 | <1 |
| M170444 | | 0.5 | <2 | 0.97 | 1.2 | 21 | 20 | 3 | 3.79 | <10 | <1 | 0.19 | 10 | 3.74 | 306 | <1 |
| M170445 | | <0.5 | <2 | 0.10 | <0.5 | 5 | 3 | 2 | 1.55 | <10 | <1 | 0.19 | 30 | 0.44 | 86 | <1 |
| M170446 | | <0.5 | <2 | 0.17 | <0.5 | 5 | 3 | 3 | 1.40 | <10 | <1 | 0.16 | 20 | 0.40 | 229 | <1 |
| M170447 | | <0.5 | <2 | 0.23 | <0.5 | 7 | 3 | 1 | 1.72 | <10 | <1 | 0.28 | 20 | 0.52 | 164 | <1 |

Comments: Sample M170432 exhibits Au nugget effect. NSS is non-sufficient sample.



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Page #: 2 - C
Total # of pages : 2 (A - C)
Date : 23-Jul-2003
Account: NJY

Project : Z-03-06

CERTIFICATE OF ANALYSIS VA03024959

| Sample Description | Method Analyte Units LOR | ME-ICP41 Na % 0.01 | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 | ME-ICP41 Ti % 0.01 | ME-ICP41 Tl ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 |
|--------------------|-----------------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|
| M170413 | | 0.01 | 34 | 460 | <2 | 0.23 | <2 | 4 | 9 | <0.01 | <10 | <10 | 7 | <10 | 47 |
| M170414 | | 0.01 | 22 | 470 | 3 | 1.32 | <2 | 1 | 23 | <0.01 | <10 | <10 | 2 | <10 | 12 |
| M170415 | | 0.01 | 10 | 320 | <2 | 0.79 | <2 | <1 | 24 | <0.01 | <10 | <10 | <1 | <10 | 6 |
| M170416 | | 0.01 | 8 | 140 | 3 | 0.55 | <2 | <1 | 14 | <0.01 | <10 | <10 | 1 | <10 | 5 |
| M170417 | | 0.01 | 16 | 180 | 6 | 0.99 | <2 | <1 | 22 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| M170418 | | 0.01 | 50 | 90 | 54 | 3.58 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 4 |
| M170419 | | 0.01 | 27 | 220 | 21 | 1.06 | <2 | <1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 2 |
| M170420 | | 0.01 | 12 | 60 | 9 | 0.95 | <2 | <1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 5 |
| M170421 | | <0.01 | 7 | 170 | 3 | 0.20 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 6 |
| M170422 | | 0.01 | 5 | 1160 | 2 | 0.10 | <2 | 1 | 12 | <0.01 | <10 | <10 | 3 | <10 | 9 |
| M170423 | | 0.01 | 8 | 410 | 23 | 0.02 | <2 | 1 | 7 | <0.01 | <10 | <10 | 3 | <10 | 60 |
| M170424 | | 0.01 | 19 | 180 | <2 | 0.01 | <2 | 2 | 5 | <0.01 | <10 | <10 | 4 | <10 | 37 |
| M170425 | | 0.01 | 22 | 250 | 3 | 0.03 | 7 | 2 | 5 | <0.01 | <10 | <10 | 5 | <10 | 48 |
| M170426 | | 0.01 | 17 | 160 | 4 | 0.11 | 2 | 1 | 6 | <0.01 | <10 | <10 | 3 | <10 | 22 |
| M170427 | | 0.01 | 23 | 140 | 2 | 0.06 | <2 | 1 | 7 | <0.01 | <10 | <10 | 4 | <10 | 23 |
| M170428 | | 0.01 | 12 | 130 | <2 | 0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 3 | <10 | 17 |
| M170429 | | 0.01 | 10 | 160 | 2 | 0.01 | <2 | 2 | 6 | <0.01 | <10 | <10 | 3 | <10 | 18 |
| M170430 | | 0.01 | 19 | 120 | 2 | 0.16 | <2 | 3 | 11 | <0.01 | <10 | <10 | 6 | <10 | 30 |
| M170431 | | 0.01 | 16 | 220 | <2 | 0.09 | <2 | 3 | 41 | <0.01 | <10 | <10 | 5 | <10 | 26 |
| M170432 | | 0.03 | 16 | 200 | 34 | 0.01 | 38 | 4 | 33 | <0.01 | <10 | <10 | 11 | <10 | 1330 |
| M170433 | | 0.01 | 14 | 80 | 4 | 0.15 | <2 | 2 | 57 | <0.01 | <10 | <10 | 4 | <10 | 19 |
| M170434 | | 0.02 | 20 | 500 | 10 | 0.14 | <2 | 2 | 39 | <0.01 | <10 | <10 | 4 | <10 | 16 |
| M170435 | | 0.01 | 47 | 1580 | 32 | 0.49 | <2 | 3 | 98 | <0.01 | <10 | <10 | 5 | <10 | 28 |
| M170436 | | 0.01 | 75 | 2930 | 8 | 0.26 | <2 | 5 | 146 | <0.01 | <10 | <10 | 9 | <10 | 36 |
| M170437 | | 0.02 | 9 | 190 | 2 | 0.16 | <2 | 2 | 7 | <0.01 | <10 | <10 | 5 | <10 | 17 |
| M170438 | | 0.03 | 5 | 90 | 2 | 0.07 | <2 | 1 | 10 | <0.01 | <10 | <10 | 2 | <10 | 16 |
| M170439 | | 0.03 | 7 | 90 | 2 | 0.14 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 12 |
| M170440 | | 0.02 | 8 | 120 | 2 | 0.10 | <2 | 1 | 9 | <0.01 | <10 | <10 | 2 | <10 | 10 |
| M170441 | | 0.02 | 7 | 180 | 2 | 0.07 | <2 | 1 | 18 | <0.01 | <10 | <10 | 2 | <10 | 9 |
| M170442 | | 0.02 | 9 | 210 | 12 | 0.19 | <2 | 1 | 12 | <0.01 | <10 | <10 | 2 | <10 | 13 |
| M170443 | | 0.01 | 27 | 420 | <2 | 0.06 | <2 | 6 | 27 | <0.01 | <10 | <10 | 14 | <10 | 31 |
| M170444 | | 0.02 | 35 | 850 | 10 | 0.07 | <2 | 12 | 41 | <0.01 | <10 | <10 | 24 | <10 | 71 |
| M170445 | | 0.02 | 9 | 140 | <2 | 0.07 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 13 |
| M170446 | | 0.02 | 7 | 160 | <2 | 0.15 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 12 |
| M170447 | | 0.02 | 11 | 270 | 3 | 0.28 | <2 | 1 | 10 | <0.01 | <10 | <10 | 3 | <10 | 16 |

Comments: Sample M170432 exhibits Au nugget effect. NSS is non-sufficient sample.



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Page #: 1
Date : 16-Jul-2003
Account: NJY

CERTIFICATE VA03024958

Project : Z-03-06

P.O. No:

This report is for 53 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 10-Jul-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| CRU-21 | Crush entire sample 70% < 6 mm |
| PUL-21 | Pulverize entire sample |
| LOG-24 | Pulp Login - Rcd w/o Barcode |
| CRU-31 | Fine crushing - 70% <2mm |
| SCR-21 | Screen to -100 um |
| LOG-22 | Sample login - Rcd w/o BarCode |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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CRANBROOK BC V1C 2N1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Page #: 2 - A
Total # of pages : 3 (A - C)
Date : 16-Jul-2003
Account: NJY

Project : Z-03-06

CERTIFICATE OF ANALYSIS VA03024958

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 S ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M170360 | | 2.80 | <0.05 | <0.05 | <0.05 | <0.001 | 26.86 | 2648 | <0.01 | <0.01 | <0.2 | 0.39 | 5 | <10 | 60 | <0.5 |
| M170361 | | 2.56 | <0.05 | <0.05 | <0.05 | <0.001 | 41.86 | 2300 | 0.01 | <0.01 | <0.2 | 0.26 | 7 | <10 | 40 | <0.5 |
| M170362 | | 2.82 | <0.05 | <0.05 | <0.05 | <0.001 | 19.49 | 2739 | <0.01 | <0.01 | <0.2 | 0.24 | 12 | <10 | 30 | <0.5 |
| M170363 | | 1.24 | <0.05 | <0.05 | <0.05 | <0.001 | 18.04 | 1152.0 | 0.01 | <0.01 | <0.2 | 0.11 | 53 | <10 | 20 | <0.5 |
| M170364 | | 0.86 | <0.05 | <0.05 | <0.05 | <0.001 | 19.52 | 804.2 | <0.01 | <0.01 | 0.2 | 0.04 | 75 | <10 | 10 | <0.5 |
| M170365 | | 1.42 | <0.05 | <0.05 | <0.05 | <0.001 | 18.00 | 1298.0 | 0.01 | <0.01 | <0.2 | 0.09 | 23 | <10 | 10 | <0.5 |
| M170366 | | 1.24 | <0.05 | <0.05 | <0.05 | <0.001 | 21.66 | 1154.0 | 0.02 | 0.01 | 0.3 | 0.18 | 14 | <10 | 20 | <0.5 |
| M170367 | | 1.44 | <0.05 | <0.05 | <0.05 | <0.001 | 26.02 | 1343.0 | 0.01 | <0.01 | <0.2 | 0.25 | 9 | <10 | 30 | <0.5 |
| M170368 | | 1.38 | <0.05 | <0.05 | <0.05 | <0.001 | 25.77 | 1306.5 | <0.01 | 0.01 | <0.2 | 0.25 | 4 | <10 | 40 | <0.5 |
| M170369 | | 1.26 | <0.05 | <0.05 | <0.05 | <0.001 | 27.92 | 1166.5 | <0.01 | <0.01 | <0.2 | 0.21 | <2 | <10 | 30 | <0.5 |
| M170370 | | 1.10 | <0.05 | <0.05 | <0.05 | <0.001 | 24.62 | 1020.0 | <0.01 | 0.01 | <0.2 | 0.15 | 5 | <10 | 30 | <0.5 |
| M170371 | | 1.24 | <0.05 | <0.05 | <0.05 | <0.001 | 20.59 | 1071.0 | <0.01 | <0.01 | <0.2 | 0.38 | 5 | <10 | 40 | <0.5 |
| M170372 | | 2.44 | <0.05 | <0.05 | <0.05 | <0.001 | 40.88 | 2211 | 0.01 | <0.01 | <0.2 | 0.30 | 5 | <10 | 30 | <0.5 |
| M170373 | | 2.86 | <0.05 | <0.05 | <0.05 | <0.001 | 32.21 | 2598 | <0.01 | <0.01 | <0.2 | 0.43 | 2 | <10 | 40 | <0.5 |
| M170374 | | 1.98 | <0.05 | <0.05 | <0.05 | <0.001 | 31.14 | 1836.5 | <0.01 | <0.01 | <0.2 | 0.46 | <2 | <10 | 30 | <0.5 |
| M170375 | | 2.60 | <0.05 | <0.05 | <0.05 | <0.001 | 27.42 | 2454 | 0.01 | <0.01 | <0.2 | 0.40 | <2 | <10 | 50 | <0.5 |
| M170376 | | 1.72 | <0.05 | <0.05 | <0.05 | <0.001 | 50.10 | 1608.5 | <0.01 | <0.01 | <0.2 | 0.26 | <2 | <10 | 40 | <0.5 |
| M170377 | | 3.36 | <0.05 | <0.05 | <0.05 | <0.001 | 45.51 | 3148 | 0.01 | <0.01 | <0.2 | 0.33 | <2 | <10 | 60 | <0.5 |
| M170378 | | 0.12 | NSS | NSS | NSS | NSS | NSS | NSS | 6.66 | 6.42 | 1.5 | 3.06 | 5420 | <10 | 60 | 2.1 |
| M170379 | | 2.46 | <0.05 | <0.05 | <0.05 | <0.001 | 34.41 | 2277 | <0.01 | <0.01 | <0.2 | 0.30 | 8 | <10 | 50 | <0.5 |
| M170380 | | 2.80 | <0.05 | <0.05 | <0.05 | <0.001 | 37.41 | 2630 | 0.01 | <0.01 | <0.2 | 0.28 | <2 | <10 | 60 | <0.5 |
| M170381 | | 2.82 | <0.05 | <0.05 | <0.05 | <0.001 | 38.98 | 2653 | 0.01 | <0.01 | <0.2 | 0.26 | <2 | <10 | 110 | <0.5 |
| M170382 | | 1.86 | <0.05 | <0.05 | <0.05 | <0.001 | 25.02 | 1229.5 | 0.02 | <0.01 | 0.2 | 0.26 | 5 | <10 | 160 | <0.5 |
| M170383 | | 2.32 | <0.05 | <0.05 | <0.05 | <0.001 | 38.36 | 2190 | 0.03 | 0.02 | <0.2 | 0.21 | <2 | <10 | 60 | <0.5 |
| M170384 | | 2.10 | <0.05 | <0.05 | <0.05 | <0.001 | 47.24 | 1964.0 | 0.02 | <0.01 | <0.2 | 0.22 | <2 | <10 | 320 | <0.5 |
| M170385 | | 3.04 | <0.05 | <0.05 | <0.05 | <0.001 | 43.21 | 2885 | 0.01 | <0.01 | <0.2 | 0.29 | 4 | <10 | 50 | <0.5 |
| M170386 | | 2.06 | <0.05 | <0.05 | <0.05 | <0.001 | 25.43 | 1921.5 | 0.01 | <0.01 | <0.2 | 0.33 | 2 | <10 | 50 | <0.5 |
| M170387 | | 2.26 | <0.05 | <0.05 | <0.05 | <0.001 | 33.59 | 2070 | 0.01 | 0.02 | <0.2 | 0.25 | <2 | <10 | 30 | <0.5 |
| M170388 | | 3.22 | <0.05 | <0.05 | <0.05 | <0.001 | 28.08 | 3080 | <0.01 | 0.01 | <0.2 | 0.24 | <2 | <10 | 40 | <0.5 |
| M170389 | | 2.52 | <0.05 | <0.05 | <0.05 | <0.001 | 15.04 | 2480 | 0.01 | <0.01 | <0.2 | 0.23 | <2 | <10 | 350 | <0.5 |
| M170390 | | 3.60 | <0.05 | <0.05 | <0.05 | <0.001 | 14.94 | 3466 | 0.02 | 0.01 | <0.2 | 0.33 | 5 | <10 | 60 | <0.5 |
| M170391 | | 2.22 | <0.05 | <0.05 | <0.05 | <0.001 | 33.53 | 2128 | 0.01 | <0.01 | 0.3 | 0.19 | 7 | <10 | 30 | <0.5 |
| M170392 | | 2.60 | <0.05 | <0.05 | <0.05 | <0.001 | 21.40 | 2484 | 0.01 | <0.01 | 0.2 | 0.34 | 11 | <10 | 40 | <0.5 |
| M170393 | | 2.76 | <0.05 | <0.05 | <0.05 | <0.001 | 35.18 | 2616 | 0.01 | 0.01 | <0.2 | 0.28 | 5 | <10 | 40 | <0.5 |
| M170394 | | 2.28 | <0.05 | <0.05 | <0.05 | <0.001 | 18.22 | 2155 | 0.01 | <0.01 | <0.2 | 0.32 | 6 | <10 | 50 | <0.5 |
| M170395 | | 3.22 | <0.05 | <0.05 | <0.05 | <0.001 | 35.60 | 3066 | 0.01 | <0.01 | <0.2 | 0.33 | 5 | <10 | 40 | <0.5 |
| M170396 | | 2.24 | <0.05 | <0.05 | <0.05 | <0.001 | 10.44 | 2164 | <0.01 | <0.01 | <0.2 | 0.32 | 8 | <10 | 40 | <0.5 |
| M170397 | | 1.36 | <0.05 | <0.05 | <0.05 | <0.001 | 6.25 | 1284.5 | 0.02 | <0.01 | <0.2 | 0.27 | 5 | <10 | 30 | <0.5 |
| M170398 | | 1.30 | <0.05 | <0.05 | <0.05 | <0.001 | 18.78 | 1207.0 | 0.01 | <0.01 | <0.2 | 0.19 | 14 | <10 | 20 | <0.5 |
| M170399 | | 1.16 | <0.05 | <0.05 | <0.05 | <0.001 | 31.37 | 1069.5 | <0.01 | <0.01 | <0.2 | 0.08 | 16 | <10 | 10 | <0.5 |

Comments: NSS is non-sufficient sample.



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Date : 16-Jul-2003
Account: NJY

Project : Z-03-06

CERTIFICATE OF ANALYSIS VA03024958

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M170400 | | 1.34 | <0.05 | <0.05 | <0.05 | <0.001 | 20.64 | 1267.0 | <0.01 | <0.01 | <0.2 | 0.12 | 8 | <10 | 10 | <0.5 |
| M170401 | | 0.12 | NSS | NSS | NSS | NSS | NSS | NSS | 0.87 | 0.81 | <0.2 | 0.90 | 771 | 10 | 100 | 0.7 |
| M170402 | | 1.48 | <0.05 | <0.05 | <0.05 | <0.001 | 15.59 | 1356.0 | 0.01 | <0.01 | <0.2 | 0.42 | 11 | <10 | 40 | <0.5 |
| M170403 | | 1.76 | <0.05 | <0.05 | <0.05 | <0.001 | 20.10 | 1680.5 | <0.01 | <0.01 | <0.2 | 0.23 | 5 | <10 | 20 | <0.5 |
| M170404 | | 1.04 | <0.05 | <0.05 | <0.05 | <0.001 | 17.52 | 997.2 | <0.01 | <0.01 | <0.2 | 0.23 | 4 | <10 | 20 | <0.5 |
| M170405 | | 1.10 | <0.05 | <0.05 | <0.05 | <0.001 | 11.42 | 1048.5 | <0.01 | <0.01 | <0.2 | 0.26 | 18 | <10 | 30 | <0.5 |
| M170406 | | 1.40 | <0.05 | <0.05 | <0.05 | <0.001 | 35.67 | 1296.5 | 0.01 | 0.01 | <0.2 | 0.21 | 13 | <10 | 20 | <0.5 |
| M170407 | | 1.54 | <0.05 | <0.05 | <0.05 | <0.001 | 16.27 | 1447.0 | 0.01 | <0.01 | <0.2 | 0.22 | 4 | <10 | 20 | <0.5 |
| M170408 | | 0.74 | <0.05 | <0.05 | <0.05 | <0.001 | 18.30 | 636.7 | <0.01 | <0.01 | <0.2 | 0.22 | 2 | <10 | 20 | <0.5 |
| M170409 | | 1.52 | <0.05 | <0.05 | <0.05 | <0.001 | 15.99 | 1421.5 | 0.01 | <0.01 | <0.2 | 0.20 | 3 | <10 | 20 | <0.5 |
| M170410 | | 1.48 | <0.05 | <0.05 | <0.05 | <0.001 | 20.42 | 1393.0 | <0.01 | <0.01 | <0.2 | 0.34 | 12 | <10 | 30 | <0.5 |
| M170411 | | 1.16 | <0.05 | <0.05 | <0.05 | <0.001 | 32.17 | 1059.0 | <0.01 | <0.01 | <0.2 | 0.23 | 10 | <10 | 20 | <0.5 |
| M170412 | | 1.12 | <0.05 | <0.05 | <0.05 | <0.001 | 27.42 | 986.5 | 0.01 | <0.01 | 0.4 | 0.39 | 28 | <10 | 20 | <0.5 |

Comments: NSS is non-sufficient sample.



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Page #: 2 - B
Total # of pages : 3 (A - C)
Date : 16-Jul-2003
Account: NJY

Project : Z-03-06

CERTIFICATE OF ANALYSIS VA03024958

| Sample Description | Method Analyte Units LOR | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 |
|--------------------|-----------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M170360 | | <2 | 0.46 | <0.5 | 7 | 68 | 4 | 1.52 | <10 | <1 | 0.25 | 40 | 0.35 | 271 | <1 | 0.02 |
| M170361 | | <2 | 0.66 | <0.5 | 7 | 3 | 2 | 1.56 | <10 | <1 | 0.18 | 30 | 0.53 | 335 | <1 | 0.01 |
| M170362 | | <2 | 0.29 | <0.5 | 61 | 5 | 4 | 2.44 | <10 | 1 | 0.18 | 10 | 0.50 | 213 | <1 | 0.01 |
| M170363 | | <2 | 0.01 | <0.5 | 66 | 278 | 15 | 2.33 | <10 | <1 | 0.09 | 10 | 0.01 | 22 | 2 | 0.01 |
| M170364 | | <2 | <0.01 | <0.5 | 201 | 7 | 11 | 4.13 | <10 | <1 | 0.03 | <10 | <0.01 | 128 | 1 | 0.01 |
| M170365 | | <2 | <0.01 | <0.5 | 223 | 248 | 13 | 4.14 | <10 | <1 | 0.07 | 10 | <0.01 | 16 | 2 | 0.01 |
| M170366 | | <2 | 0.02 | 1.4 | 204 | 7 | 9 | 6.26 | <10 | <1 | 0.13 | 10 | 0.05 | 100 | <1 | 0.01 |
| M170367 | | <2 | 0.15 | <0.5 | 16 | 109 | 5 | 1.16 | <10 | <1 | 0.16 | 20 | 0.43 | 188 | 1 | 0.02 |
| M170368 | | <2 | 0.15 | <0.5 | 21 | 6 | 3 | 1.49 | <10 | 1 | 0.17 | 30 | 0.06 | 142 | <1 | 0.01 |
| M170369 | | <2 | 0.07 | <0.5 | 18 | 217 | 8 | 1.18 | <10 | <1 | 0.15 | 20 | 0.03 | 102 | 2 | 0.01 |
| M170370 | | <2 | 0.06 | <0.5 | 31 | 8 | 5 | 2.47 | <10 | <1 | 0.12 | 20 | 0.02 | 222 | <1 | <0.01 |
| M170371 | | <2 | 0.08 | <0.5 | 11 | 135 | 5 | 1.16 | <10 | <1 | 0.18 | 40 | 0.10 | 200 | <1 | 0.01 |
| M170372 | | <2 | 0.26 | <0.5 | 7 | 5 | 3 | 1.64 | <10 | <1 | 0.14 | 20 | 0.16 | 186 | <1 | 0.02 |
| M170373 | | <2 | 0.22 | <0.5 | 5 | 72 | 3 | 1.30 | <10 | <1 | 0.20 | 20 | 0.18 | 168 | <1 | 0.02 |
| M170374 | | <2 | 0.14 | <0.5 | 4 | 68 | 3 | 1.02 | <10 | <1 | 0.12 | 30 | 0.25 | 134 | 1 | 0.02 |
| M170375 | | <2 | 0.47 | <0.5 | 7 | 34 | 2 | 1.36 | <10 | 1 | 0.25 | 50 | 0.42 | 235 | <1 | 0.02 |
| M170376 | | <2 | 0.51 | <0.5 | 5 | 67 | 3 | 1.02 | <10 | <1 | 0.15 | 30 | 0.29 | 203 | <1 | 0.01 |
| M170377 | | <2 | 0.38 | <0.5 | 6 | 17 | 2 | 1.41 | <10 | <1 | 0.20 | 30 | 0.32 | 194 | <1 | 0.01 |
| M170378 | | 4 | 0.83 | <0.5 | 23 | 282 | 67 | 4.26 | 10 | 1 | 1.01 | 30 | 1.15 | 1200 | 2 | 0.11 |
| M170379 | | <2 | 0.10 | <0.5 | 4 | 55 | 2 | 0.90 | <10 | <1 | 0.17 | 20 | 0.07 | 122 | <1 | 0.02 |
| M170380 | | <2 | 0.55 | <0.5 | 4 | 19 | 4 | 1.07 | <10 | 1 | 0.16 | 30 | 0.25 | 229 | <1 | 0.02 |
| M170381 | | <2 | 0.51 | <0.5 | 5 | 45 | 3 | 1.08 | <10 | <1 | 0.16 | 30 | 0.25 | 275 | 1 | 0.01 |
| M170382 | | <2 | 0.61 | <0.5 | 7 | 74 | 8 | 1.40 | <10 | <1 | 0.18 | 20 | 0.30 | 1040 | <1 | 0.01 |
| M170383 | | <2 | 0.22 | <0.5 | 4 | 59 | 5 | 0.95 | <10 | <1 | 0.14 | 30 | 0.19 | 422 | <1 | 0.01 |
| M170384 | | 2 | 0.23 | <0.5 | 6 | 4 | 3 | 2.08 | <10 | <1 | 0.14 | 10 | 0.42 | 180 | <1 | 0.02 |
| M170385 | | <2 | 0.18 | <0.5 | 6 | 26 | 2 | 1.76 | <10 | <1 | 0.14 | 30 | 0.12 | 192 | <1 | 0.01 |
| M170386 | | <2 | 0.33 | <0.5 | 5 | 46 | 3 | 1.26 | <10 | 1 | 0.16 | 30 | 0.24 | 282 | <1 | 0.01 |
| M170387 | | <2 | 0.38 | <0.5 | 5 | 48 | 7 | 1.44 | <10 | <1 | 0.14 | 30 | 0.43 | 224 | <1 | 0.02 |
| M170388 | | <2 | 0.46 | <0.5 | 4 | 52 | 5 | 1.08 | <10 | <1 | 0.13 | 30 | 0.23 | 213 | <1 | 0.02 |
| M170389 | | <2 | 0.33 | <0.5 | 6 | 48 | 7 | 1.44 | <10 | <1 | 0.13 | 20 | 0.44 | 305 | 1 | 0.02 |
| M170390 | | <2 | 0.50 | <0.5 | 4 | 38 | 6 | 1.32 | <10 | <1 | 0.19 | 20 | 0.35 | 483 | 1 | 0.02 |
| M170391 | | <2 | 0.40 | <0.5 | 4 | 65 | 9 | 1.35 | <10 | <1 | 0.12 | 10 | 0.47 | 411 | 1 | 0.02 |
| M170392 | | <2 | 0.33 | <0.5 | 4 | 58 | 7 | 1.13 | <10 | <1 | 0.21 | 20 | 0.36 | 265 | 1 | 0.02 |
| M170393 | | <2 | 0.41 | <0.5 | 4 | 54 | 8 | 1.31 | <10 | <1 | 0.17 | 20 | 0.32 | 581 | 1 | 0.02 |
| M170394 | | <2 | 0.46 | <0.5 | 6 | 24 | 4 | 1.50 | <10 | <1 | 0.19 | 40 | 0.26 | 480 | 1 | 0.02 |
| M170395 | | <2 | 0.26 | <0.5 | 6 | 37 | 3 | 1.22 | <10 | <1 | 0.19 | 40 | 0.17 | 237 | 1 | 0.02 |
| M170396 | | <2 | 0.43 | <0.5 | 4 | 43 | 6 | 1.05 | <10 | <1 | 0.22 | 30 | 0.33 | 185 | 1 | 0.01 |
| M170397 | | <2 | 0.21 | <0.5 | 5 | 88 | 6 | 0.93 | <10 | <1 | 0.20 | 20 | 0.37 | 130 | 1 | 0.01 |
| M170398 | | <2 | 0.44 | <0.5 | 82 | 4 | 12 | 2.10 | <10 | <1 | 0.14 | 10 | 1.40 | 383 | 2 | 0.01 |
| M170399 | | <2 | 0.04 | <0.5 | 216 | 187 | 12 | 2.80 | <10 | <1 | 0.06 | <10 | 0.04 | 156 | 1 | <0.01 |

Comments: NSS is non-sufficient sample.



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Total # of pages : 3 (A - C)
Date : 16-Jul-2003
Account: NJY

Project : Z-03-06

CERTIFICATE OF ANALYSIS VA03024958

| Sample Description | Method Analyte Units LOR | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 |
|--------------------|-----------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M170400 | | <2 | 0.23 | <0.5 | 32 | 11 | 9 | 1.37 | <10 | <1 | 0.09 | 10 | 0.32 | 107 | 1 | <0.01 |
| M170401 | | <2 | 0.44 | <0.5 | 2 | 57 | 35 | 3.08 | <10 | <1 | 0.32 | 20 | 0.07 | 89 | 7 | 0.03 |
| M170402 | | <2 | 0.14 | <0.5 | 6 | 30 | 5 | 1.29 | <10 | <1 | 0.27 | 30 | 1.05 | 156 | 2 | 0.01 |
| M170403 | | <2 | 0.37 | <0.5 | 3 | 4 | 3 | 0.83 | <10 | <1 | 0.18 | 20 | 0.58 | 116 | 1 | <0.01 |
| M170404 | | <2 | 1.10 | <0.5 | 4 | 82 | 11 | 0.74 | <10 | <1 | 0.17 | 20 | 0.75 | 386 | 2 | <0.01 |
| M170405 | | <2 | 0.34 | <0.5 | 4 | 3 | 9 | 0.90 | <10 | <1 | 0.19 | 20 | 0.43 | 150 | 1 | <0.01 |
| M170406 | | <2 | 1.06 | <0.5 | 23 | 84 | 10 | 1.03 | <10 | <1 | 0.16 | 10 | 0.65 | 399 | 1 | <0.01 |
| M170407 | | <2 | 0.44 | <0.5 | 5 | 3 | 9 | 0.77 | <10 | <1 | 0.16 | 20 | 0.33 | 153 | 1 | <0.01 |
| M170408 | | <2 | 0.85 | <0.5 | 2 | 63 | 5 | 0.51 | <10 | <1 | 0.16 | 20 | 0.50 | 303 | 1 | <0.01 |
| M170409 | | <2 | 0.60 | <0.5 | 5 | 3 | 3 | 0.87 | <10 | <1 | 0.15 | 20 | 0.67 | 409 | 1 | <0.01 |
| M170410 | | <2 | 0.46 | <0.5 | 12 | 44 | 5 | 1.23 | <10 | <1 | 0.22 | 20 | 1.10 | 667 | 2 | 0.01 |
| M170411 | | <2 | 0.58 | <0.5 | 7 | 4 | 2 | 1.16 | <10 | <1 | 0.16 | 10 | 1.19 | 230 | 2 | 0.01 |
| M170412 | | <2 | 0.86 | <0.5 | 66 | 46 | 7 | 1.75 | <10 | <1 | 0.23 | 10 | 1.61 | 412 | 3 | 0.01 |

Comments: NSS is non-sufficient sample.



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 Date : 16-Jul-2003
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Project : Z-03-06

CERTIFICATE OF ANALYSIS VA03024958

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 | ME-ICP41 Ti % 0.01 | ME-ICP41 Ti ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 |
|--------------------|-----------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|
| M170360 | | 14 | 290 | 6 | 0.01 | <2 | 2 | 14 | <0.01 | <10 | <10 | 3 | <10 | 20 |
| M170361 | | 12 | 250 | 4 | 0.02 | <2 | 1 | 18 | <0.01 | <10 | <10 | 2 | <10 | 16 |
| M170362 | | 17 | 320 | 8 | 0.28 | <2 | 1 | 14 | <0.01 | <10 | <10 | 2 | <10 | 18 |
| M170363 | | 23 | 60 | 37 | 0.40 | <2 | <1 | 2 | <0.01 | <10 | <10 | 3 | <10 | 20 |
| M170364 | | 38 | 60 | 23 | 1.26 | <2 | <1 | 1 | <0.01 | <10 | <10 | 1 | <10 | 12 |
| M170365 | | 45 | 50 | 20 | 3.40 | <2 | <1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 3 |
| M170366 | | 44 | 130 | 40 | 5.04 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 48 |
| M170367 | | 12 | 180 | 5 | 0.06 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 17 |
| M170368 | | 6 | 330 | 12 | 0.05 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 8 |
| M170369 | | 11 | 230 | 5 | 0.05 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 7 |
| M170370 | | 6 | 240 | 13 | 0.07 | <2 | 2 | 4 | <0.01 | <10 | <10 | 3 | <10 | 11 |
| M170371 | | 9 | 170 | 5 | 0.02 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 8 |
| M170372 | | 7 | 180 | <2 | 0.02 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 12 |
| M170373 | | 12 | 240 | 3 | <0.01 | <2 | 1 | 9 | <0.01 | <10 | <10 | 3 | <10 | 18 |
| M170374 | | 11 | 340 | 6 | <0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 14 |
| M170375 | | 16 | 500 | 3 | 0.01 | <2 | 1 | 17 | <0.01 | <10 | <10 | 3 | <10 | 24 |
| M170376 | | 11 | 610 | 4 | 0.01 | <2 | 1 | 14 | <0.01 | <10 | <10 | 2 | <10 | 14 |
| M170377 | | 15 | 490 | 3 | 0.02 | <2 | 1 | 13 | <0.01 | <10 | <10 | 2 | <10 | 19 |
| M170378 | | 153 | 260 | 25 | 0.62 | 5 | 10 | 67 | 0.17 | <10 | <10 | 58 | 10 | 95 |
| M170379 | | 10 | 250 | 5 | 0.08 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 11 |
| M170380 | | 8 | 380 | 3 | 0.02 | <2 | 1 | 12 | <0.01 | <10 | <10 | 2 | <10 | 12 |
| M170381 | | 8 | 330 | 2 | 0.04 | <2 | 1 | 13 | <0.01 | <10 | <10 | 2 | <10 | 13 |
| M170382 | | 13 | 200 | 114 | 0.27 | <2 | 1 | 24 | <0.01 | <10 | <10 | 2 | <10 | 32 |
| M170383 | | 8 | 170 | 38 | 0.03 | <2 | 1 | 8 | <0.01 | <10 | <10 | 1 | <10 | 48 |
| M170384 | | 10 | 640 | 3 | 0.27 | <2 | 1 | 17 | <0.01 | <10 | <10 | 2 | <10 | 21 |
| M170385 | | 10 | 370 | 2 | 0.03 | <2 | 1 | 8 | <0.01 | <10 | <10 | 1 | <10 | 21 |
| M170386 | | 10 | 260 | 4 | 0.01 | <2 | 1 | 9 | <0.01 | <10 | <10 | 2 | <10 | 15 |
| M170387 | | 10 | 690 | 6 | 0.05 | <2 | 1 | 14 | <0.01 | <10 | <10 | 1 | <10 | 15 |
| M170388 | | 9 | 420 | <2 | 0.01 | <2 | 1 | 15 | <0.01 | <10 | <10 | 2 | <10 | 11 |
| M170389 | | 10 | 220 | 2 | 0.01 | <2 | 1 | 19 | <0.01 | <10 | <10 | 2 | <10 | 18 |
| M170390 | | 8 | 280 | 8 | 0.04 | <2 | 1 | 14 | <0.01 | <10 | <10 | 3 | <10 | 19 |
| M170391 | | 8 | 180 | 28 | 0.20 | <2 | 1 | 17 | <0.01 | <10 | <10 | 2 | <10 | 23 |
| M170392 | | 10 | 520 | 7 | 0.11 | <2 | 1 | 13 | <0.01 | <10 | <10 | 3 | <10 | 28 |
| M170393 | | 10 | 330 | 2 | 0.11 | <2 | 1 | 19 | <0.01 | <10 | <10 | 2 | <10 | 18 |
| M170394 | | 12 | 350 | 3 | 0.03 | <2 | 1 | 15 | <0.01 | <10 | <10 | 3 | <10 | 21 |
| M170395 | | 11 | 330 | <2 | 0.01 | <2 | 1 | 10 | <0.01 | <10 | <10 | 3 | <10 | 16 |
| M170396 | | 8 | 150 | 4 | 0.01 | <2 | 1 | 14 | <0.01 | <10 | <10 | 3 | <10 | 21 |
| M170397 | | 9 | 130 | 2 | 0.02 | <2 | 1 | 9 | <0.01 | <10 | <10 | 3 | <10 | 14 |
| M170398 | | 15 | 200 | 12 | 0.65 | <2 | 5 | 17 | <0.01 | <10 | <10 | 5 | <10 | 20 |
| M170399 | | 32 | 50 | 8 | 1.42 | <2 | 1 | 2 | <0.01 | <10 | <10 | 3 | <10 | 8 |

Comments: NSS is non-sufficient sample.



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Page #: 3 - C
Total # of pages : 3 (A - C)
Date : 16-Jul-2003
Account: NJY

Project : Z-03-06

CERTIFICATE OF ANALYSIS VA03024958

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|-----------|----------|-----------|----------|----------|----------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Ti | U | V | W | Zn |
| | | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 | ppm 1 | ppm 1 | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| M170400 | | 8 | 160 | 12 | 0.48 | <2 | 1 | 11 | <0.01 | <10 | <10 | 2 | <10 | 9 |
| M170401 | | 16 | 230 | 35 | 0.01 | 51 | 5 | 32 | 0.01 | <10 | <10 | 14 | <10 | 1345 |
| M170402 | | 11 | 710 | <2 | 0.04 | <2 | 2 | 7 | <0.01 | <10 | <10 | 5 | <10 | 16 |
| M170403 | | 4 | 230 | <2 | 0.03 | <2 | 1 | 13 | <0.01 | <10 | <10 | 2 | <10 | 7 |
| M170404 | | 6 | 110 | 3 | 0.07 | <2 | 1 | 33 | <0.01 | <10 | <10 | 2 | <10 | 7 |
| M170405 | | 5 | 190 | 3 | 0.12 | <2 | 1 | 15 | <0.01 | <10 | <10 | 2 | <10 | 13 |
| M170406 | | 8 | 230 | 31 | 0.47 | <2 | 2 | 32 | <0.01 | <10 | <10 | 3 | <10 | 10 |
| M170407 | | 3 | 180 | 3 | 0.14 | <2 | 1 | 14 | <0.01 | <10 | <10 | 2 | <10 | 5 |
| M170408 | | 5 | 150 | 2 | 0.02 | <2 | 1 | 26 | <0.01 | <10 | <10 | 2 | <10 | 7 |
| M170409 | | 6 | 190 | <2 | 0.16 | <2 | 1 | 18 | <0.01 | <10 | <10 | 2 | <10 | 11 |
| M170410 | | 13 | 570 | 2 | 0.17 | <2 | 1 | 15 | <0.01 | <10 | <10 | 4 | <10 | 16 |
| M170411 | | 8 | 430 | 3 | 0.16 | <2 | 1 | 16 | <0.01 | <10 | <10 | 2 | <10 | 13 |
| M170412 | | 20 | 320 | 5 | 0.61 | <2 | 1 | 29 | <0.01 | <10 | <10 | 3 | <10 | 24 |

Comments: NSS is non-sufficient sample.



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Page #: 1
Date : 28-Jul-2003
Account: NJY

CERTIFICATE VA03025193

Project : Z-03-06

P.O. No:

This report is for 69 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 12-Jul-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| CRU-21 | Crush entire sample 70% < 6 mm |
| PUL-21 | Pulverize entire sample |
| LOG-24 | Pulp Login - Rcd w/o Barcode |
| SCR-21 | Screen to -100 um |
| LOG-22 | Sample login - Rcd w/o BarCode |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Page #: 2 - A
Total # of pages : 3 (A - C)
Date : 28-Jul-2003
Account: NJY

Project : Z-03-06

CERTIFICATE OF ANALYSIS VA03025193

| Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | Au-AA25 Au Check ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 |
|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| Sample Description | | | | | | | | | | | | | | | |
| M170448 | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 6.73 | 6.73 | | 1.6 | 3.28 | 5760 | 10 | 60 |
| M170449 | 1.08 | <0.05 | <0.05 | <0.05 | <0.001 | 56.19 | 905.4 | 0.02 | <0.01 | | <0.2 | 0.32 | 21 | <10 | 30 |
| M170450 | 2.50 | <0.05 | <0.05 | <0.05 | <0.001 | 36.72 | 2319 | 0.01 | <0.01 | | <0.2 | 0.34 | 14 | <10 | 40 |
| M170451 | 2.34 | <0.05 | <0.05 | <0.05 | <0.001 | 42.41 | 2157 | 0.03 | 0.03 | | <0.2 | 0.35 | 39 | <10 | 40 |
| M170452 | 2.34 | 0.06 | <0.05 | 0.06 | <0.001 | 35.42 | 2233 | 0.09 | 0.03 | | <0.2 | 0.16 | 6 | <10 | 10 |
| M170453 | 2.22 | <0.05 | <0.05 | <0.05 | <0.001 | 38.38 | 2094 | 0.04 | 0.04 | | <0.2 | 0.23 | 9 | <10 | 20 |
| M170454 | 2.16 | <0.05 | <0.05 | <0.05 | <0.001 | 34.67 | 2033 | 0.03 | 0.02 | | <0.2 | 0.28 | 10 | <10 | 20 |
| M170455 | 2.00 | <0.05 | <0.05 | <0.05 | <0.001 | 34.20 | 1886.5 | 0.02 | 0.03 | | <0.2 | 0.24 | 5 | <10 | 20 |
| M170456 | 1.14 | 0.09 | 0.08 | 0.10 | 0.004 | 51.00 | 1027.0 | 0.10 | 0.09 | | 0.6 | 0.34 | 12 | <10 | 30 |
| M170457 | 1.58 | <0.05 | <0.05 | <0.05 | <0.001 | 36.50 | 1473.0 | 0.02 | 0.01 | | <0.2 | 0.24 | 19 | <10 | 10 |
| M170458 | 1.02 | <0.05 | <0.05 | <0.05 | <0.001 | 34.14 | 920.0 | 0.02 | 0.03 | | 0.2 | 0.23 | 17 | <10 | 20 |
| M170459 | 1.58 | <0.05 | <0.05 | <0.05 | <0.001 | 31.27 | 1477.0 | 0.01 | 0.01 | | <0.2 | 0.30 | 25 | <10 | 30 |
| M170460 | 1.14 | <0.05 | <0.05 | <0.05 | <0.001 | 35.36 | 1045.5 | 0.03 | 0.01 | | <0.2 | 0.57 | 48 | <10 | 60 |
| M170461 | 1.36 | <0.05 | <0.05 | <0.05 | <0.001 | 41.94 | 1247.0 | <0.01 | 0.01 | | <0.2 | 0.46 | 21 | <10 | 50 |
| M170462 | 1.66 | 0.05 | <0.05 | 0.05 | <0.001 | 29.42 | 1550.0 | 0.04 | 0.06 | | <0.2 | 0.34 | 14 | <10 | 30 |
| M170463 | 1.24 | <0.05 | <0.05 | 0.05 | <0.001 | 39.13 | 1143.0 | 0.01 | 0.08 | | 0.2 | 0.36 | 9 | <10 | 30 |
| M170464 | 1.40 | <0.05 | <0.05 | <0.05 | <0.001 | 41.97 | 1287.0 | 0.02 | 0.03 | | <0.2 | 0.31 | 22 | <10 | 30 |
| M170465 | 0.76 | <0.05 | <0.05 | <0.05 | <0.001 | 44.41 | 670.7 | 0.01 | <0.01 | | <0.2 | 0.45 | 20 | <10 | 40 |
| M170466 | 1.34 | <0.05 | <0.05 | <0.05 | <0.001 | 33.11 | 1217.5 | 0.01 | 0.02 | | <0.2 | 0.34 | 56 | <10 | 30 |
| M170467 | 1.22 | 0.08 | 0.47 | 0.07 | 0.017 | 36.40 | 1124.0 | 0.07 | 0.07 | | <0.2 | 0.26 | 36 | <10 | 20 |
| M170468 | 1.34 | 0.08 | 0.12 | 0.08 | 0.004 | 34.71 | 1212.5 | 0.09 | 0.07 | | <0.2 | 0.41 | 25 | <10 | 40 |
| M170469 | 1.24 | 0.08 | 0.06 | 0.09 | 0.002 | 33.82 | 1140.0 | 0.10 | 0.07 | | <0.2 | 0.40 | 11 | <10 | 40 |
| M170470 | 1.14 | 0.08 | 0.97 | 0.06 | 0.026 | 26.68 | 1062.5 | 0.04 | 0.08 | | 0.3 | 0.40 | 28 | <10 | 40 |
| M170471 | 0.94 | 0.09 | 0.51 | 0.08 | 0.017 | 33.32 | 890.4 | 0.11 | 0.04 | | <0.2 | 0.24 | 4 | <10 | 30 |
| M170472 | 1.70 | 0.08 | 0.12 | 0.08 | 0.005 | 41.93 | 1706.0 | 0.10 | 0.05 | | 0.6 | 0.35 | 13 | <10 | 40 |
| M170473 | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 0.81 | 0.84 | | <0.2 | 0.74 | 755 | <10 | 90 |
| M170474 | 1.26 | <0.05 | <0.05 | <0.05 | <0.001 | 26.24 | 1092.5 | 0.01 | 0.05 | | <0.2 | 0.29 | 44 | <10 | 30 |
| M170475 | 1.36 | <0.05 | 0.20 | <0.05 | 0.007 | 34.33 | 1271.5 | 0.04 | 0.02 | | <0.2 | 0.33 | 122 | <10 | 30 |
| M170476 | 1.22 | <0.05 | <0.05 | <0.05 | <0.001 | 30.47 | 1092.0 | <0.01 | 0.01 | | <0.2 | 0.24 | 38 | <10 | 20 |
| M170477 | 1.18 | 0.05 | 0.49 | <0.05 | 0.015 | 30.70 | 1090.5 | 0.05 | 0.02 | | <0.2 | 0.22 | 20 | <10 | 20 |
| M170478 | 1.66 | 0.18 | 0.97 | 0.16 | 0.033 | 33.99 | 1580.0 | 0.15 | 0.17 | | <0.2 | 0.28 | 29 | <10 | 20 |
| M170479 | 0.82 | 0.08 | 0.14 | 0.08 | 0.004 | 27.68 | 732.2 | 0.04 | 0.11 | | <0.2 | 0.31 | 21 | <10 | 20 |
| M170480 | 1.22 | <0.05 | <0.05 | <0.05 | <0.001 | 26.98 | 1130.5 | 0.01 | 0.01 | | <0.2 | 0.35 | 7 | <10 | 30 |
| M170481 | 1.34 | <0.05 | <0.05 | <0.05 | <0.001 | 29.65 | 1253.0 | <0.01 | 0.01 | | <0.2 | 0.36 | 10 | <10 | 30 |
| M170482 | 1.44 | <0.05 | <0.05 | <0.05 | <0.001 | 33.43 | 1327.0 | 0.01 | 0.02 | | <0.2 | 0.41 | 18 | <10 | 40 |
| M170483 | 1.26 | 0.06 | <0.05 | 0.07 | <0.001 | 32.28 | 1487.5 | 0.08 | 0.05 | | <0.2 | 0.32 | 10 | <10 | 30 |
| M170484 | 1.32 | 0.09 | <0.05 | 0.09 | 0.001 | 35.12 | 1249.0 | 0.05 | 0.13 | | <0.2 | 0.51 | 22 | <10 | 40 |
| M170485 | 1.08 | <0.05 | <0.05 | 0.05 | 0.001 | 35.36 | 1152.0 | 0.06 | 0.03 | | 0.2 | 0.20 | 37 | <10 | 10 |
| M170486 | 0.84 | 0.26 | 6.00 | 0.08 | 0.148 | 24.67 | 750.0 | 0.05 | 0.10 | | <0.2 | 0.21 | 6 | <10 | 10 |
| M170487 | 1.14 | <0.05 | 0.37 | <0.05 | 0.010 | 27.21 | 1044.0 | 0.03 | 0.01 | | <0.2 | 0.29 | 3 | <10 | 10 |

Comments: NSS is non-sufficient sample.



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Page #: 3 - A
Total # of pages : 3 (A - C)
Date : 28-Jul-2003
Account: NJY

Project : Z-03-06

CERTIFICATE OF ANALYSIS VA03025193

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | Au-AA25 Au Check ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 S ppm 10 | ME-ICP41 Ba ppm 10 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M170488 | | 0.92 | 0.09 | 0.17 | 0.09 | 0.005 | 29.22 | 818.7 | 0.11 | 0.07 | | <0.2 | 0.32 | 2 | <10 | 10 |
| M170489 | | 1.14 | <0.05 | <0.05 | <0.05 | <0.001 | 28.20 | 1053.5 | 0.01 | 0.03 | | <0.2 | 0.18 | <2 | <10 | 10 |
| M170490 | | 1.24 | <0.05 | 0.20 | <0.05 | 0.008 | 40.73 | 1132.5 | 0.01 | 0.01 | | <0.2 | 0.22 | <2 | <10 | 10 |
| M170491 | | 1.66 | 0.12 | 0.70 | 0.11 | 0.026 | 37.35 | 1537.5 | 0.14 | 0.08 | | 0.2 | 0.23 | 8 | <10 | 10 |
| M170492 | | 1.22 | <0.05 | <0.05 | <0.05 | <0.001 | 24.38 | 1110.0 | 0.01 | 0.01 | | <0.2 | 0.67 | 14 | <10 | 50 |
| M170493 | | 1.40 | <0.05 | <0.05 | <0.05 | <0.001 | 10.82 | 1305.5 | 0.01 | <0.01 | | <0.2 | 0.58 | 10 | <10 | 40 |
| M170494 | | 1.42 | <0.05 | <0.05 | <0.05 | <0.001 | 4.45 | 1328.0 | 0.02 | 0.03 | | <0.2 | 0.34 | 47 | <10 | 20 |
| M170495 | | 1.14 | <0.05 | <0.05 | <0.05 | <0.001 | 16.70 | 1097.0 | <0.01 | <0.01 | | <0.2 | 0.26 | 13 | <10 | 10 |
| M170496 | | 1.42 | <0.05 | <0.05 | <0.05 | <0.001 | 8.15 | 1351.5 | <0.01 | 0.01 | | <0.2 | 0.38 | 14 | <10 | 20 |
| M170497 | | 1.18 | 0.06 | 0.05 | 0.07 | 0.001 | 20.02 | 1237.0 | 0.07 | 0.06 | | <0.2 | 0.24 | 12 | <10 | 10 |
| M170498 | | 1.30 | <0.05 | <0.05 | <0.05 | <0.001 | 13.74 | 1251.5 | 0.01 | 0.01 | | <0.2 | 0.54 | 57 | <10 | 20 |
| M170499 | | 3.16 | <0.05 | <0.05 | <0.05 | <0.001 | 16.21 | 3042 | <0.01 | 0.02 | | <0.2 | 0.58 | 61 | <10 | 20 |
| M170500 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 6.14 | 3.98 | NSS | 1.5 | 3.08 | 5330 | 10 | 70 |
| M170501 | | 2.52 | <0.05 | <0.05 | <0.05 | <0.001 | 35.55 | 2268 | <0.01 | 0.02 | | <0.2 | 0.36 | 116 | <10 | 10 |
| M170502 | | 2.84 | <0.05 | <0.05 | <0.05 | <0.001 | 11.16 | 2730 | <0.01 | 0.01 | | <0.2 | 0.46 | 108 | <10 | 10 |
| M170503 | | 2.42 | <0.05 | <0.05 | <0.05 | <0.001 | 11.94 | 2332 | 0.02 | 0.02 | | <0.2 | 0.54 | 104 | <10 | 10 |
| M170504 | | 2.88 | <0.05 | <0.05 | <0.05 | <0.001 | 8.27 | 2786 | <0.01 | 0.01 | | 1.1 | 0.50 | 110 | <10 | 10 |
| M170505 | | 3.02 | <0.05 | <0.05 | <0.05 | <0.001 | 17.01 | 2901 | 0.02 | <0.01 | | 1.3 | 0.47 | 144 | <10 | 10 |
| M170506 | | 3.22 | <0.05 | <0.05 | <0.05 | <0.001 | 7.16 | 3127 | 0.03 | 0.04 | | <0.2 | 0.41 | 51 | <10 | 10 |
| M170507 | | 2.68 | 0.05 | <0.05 | 0.05 | <0.001 | 6.20 | 2587 | 0.02 | 0.08 | | 0.3 | 0.54 | 84 | <10 | 10 |
| M170508 | | 2.80 | 0.06 | <0.05 | 0.06 | <0.001 | 10.92 | 2694 | 0.17 | 0.01 | 0.01 | 0.2 | 1.81 | 87 | <10 | 10 |
| M170509 | | 2.86 | <0.05 | <0.05 | <0.05 | <0.001 | 10.32 | 2740 | 0.01 | <0.01 | | 0.2 | 0.67 | 116 | <10 | 10 |
| M170510 | | 2.52 | <0.05 | <0.05 | <0.05 | <0.001 | 13.16 | 2497 | 0.04 | 0.01 | | 0.5 | 0.41 | 111 | <10 | 10 |
| M170511 | | 2.68 | <0.05 | <0.05 | 0.05 | <0.001 | 13.43 | 2564 | 0.07 | 0.02 | | 0.4 | 0.47 | 108 | <10 | 10 |
| M170512 | | 2.44 | <0.05 | <0.05 | <0.05 | <0.001 | 7.86 | 2353 | 0.03 | 0.04 | | 0.3 | 1.52 | 78 | <10 | 10 |
| M170513 | | 2.82 | <0.05 | <0.05 | <0.05 | <0.001 | 7.88 | 2722 | 0.06 | 0.01 | | <0.2 | 1.47 | 77 | <10 | 10 |
| M170514 | | 2.54 | 0.10 | <0.05 | 0.10 | <0.001 | 1.90 | 2428 | 0.12 | 0.08 | | 0.2 | 1.58 | 244 | <10 | 10 |
| M170515 | | 1.42 | <0.05 | <0.05 | <0.05 | <0.001 | 12.75 | 1329.0 | 0.04 | <0.01 | | 0.2 | 3.08 | 44 | <10 | 10 |
| M170516 | | 2.58 | <0.05 | <0.05 | <0.05 | <0.001 | 36.51 | 2450 | 0.01 | <0.01 | | <0.2 | 3.92 | 33 | <10 | <10 |

Comments: NSS is non-sufficient sample.



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104-135 10TH AVE S
CRANBROOK BC V1C 2N1

Page #: 2 - B
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Date : 28-Jul-2003
Account: NJY

Project : Z-03-06

CERTIFICATE OF ANALYSIS VA03025193

| Sample Description | Method Analyte Units LOR | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 |
|--------------------|-----------------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|
| M170448 | | 2.2 | 4 | 0.86 | <0.5 | 23 | 291 | 72 | 4.49 | 10 | <1 | 1.12 | 30 | 1.24 | 1325 | 1 |
| M170449 | | <0.5 | <2 | 0.28 | <0.5 | 7 | 45 | 5 | 1.72 | <10 | <1 | 0.16 | 20 | 0.53 | 124 | 1 |
| M170450 | | <0.5 | <2 | 0.08 | <0.5 | 6 | 55 | 5 | 1.64 | <10 | <1 | 0.22 | 30 | 0.40 | 127 | 1 |
| M170451 | | <0.5 | <2 | 0.17 | <0.5 | 7 | 65 | 11 | 1.76 | <10 | <1 | 0.23 | 30 | 0.42 | 254 | 1 |
| M170452 | | <0.5 | <2 | 0.18 | <0.5 | 3 | 96 | 8 | 0.83 | <10 | <1 | 0.08 | 10 | 0.13 | 112 | 1 |
| M170453 | | <0.5 | <2 | 0.23 | <0.5 | 3 | 83 | 20 | 0.95 | <10 | <1 | 0.16 | 10 | 0.17 | 192 | 2 |
| M170454 | | <0.5 | <2 | 0.22 | <0.5 | 5 | 52 | 12 | 1.50 | <10 | <1 | 0.16 | 20 | 0.39 | 384 | 1 |
| M170455 | | <0.5 | <2 | 0.19 | <0.5 | 5 | 60 | 5 | 1.37 | <10 | <1 | 0.16 | 20 | 0.34 | 269 | 1 |
| M170456 | | <0.5 | <2 | 0.33 | <0.5 | 6 | 88 | 30 | 1.44 | <10 | <1 | 0.26 | 10 | 0.20 | 287 | 2 |
| M170457 | | <0.5 | <2 | 0.19 | <0.5 | 2 | 124 | 17 | 0.84 | <10 | <1 | 0.13 | 20 | 0.17 | 127 | 2 |
| M170458 | | <0.5 | <2 | 0.27 | <0.5 | 2 | 170 | 9 | 1.03 | <10 | <1 | 0.16 | 10 | 0.24 | 187 | 3 |
| M170459 | | <0.5 | <2 | 0.16 | <0.5 | 5 | 118 | 15 | 1.67 | <10 | <1 | 0.21 | 30 | 0.45 | 203 | 2 |
| M170460 | | <0.5 | <2 | 0.11 | <0.5 | 9 | 37 | 9 | 2.45 | <10 | <1 | 0.40 | 30 | 0.81 | 330 | <1 |
| M170461 | | <0.5 | <2 | 0.23 | <0.5 | 8 | 93 | 13 | 2.40 | <10 | <1 | 0.36 | 30 | 0.88 | 541 | 2 |
| M170462 | | <0.5 | <2 | 0.09 | <0.5 | 6 | 44 | 7 | 1.68 | <10 | <1 | 0.25 | 30 | 0.55 | 285 | 1 |
| M170463 | | <0.5 | <2 | 0.25 | <0.5 | 4 | 52 | 16 | 1.28 | <10 | <1 | 0.26 | 30 | 0.41 | 309 | <1 |
| M170464 | | <0.5 | <2 | 0.04 | <0.5 | 5 | 21 | 4 | 1.65 | <10 | <1 | 0.25 | 30 | 0.53 | 242 | <1 |
| M170465 | | <0.5 | <2 | 0.05 | <0.5 | 5 | 97 | 6 | 1.58 | <10 | <1 | 0.33 | 30 | 0.57 | 228 | 1 |
| M170466 | | <0.5 | <2 | 0.08 | <0.5 | 6 | 130 | 15 | 2.03 | <10 | <1 | 0.26 | 20 | 0.77 | 323 | 2 |
| M170467 | | <0.5 | <2 | 0.34 | <0.5 | 4 | 86 | 7 | 1.20 | <10 | <1 | 0.19 | 20 | 0.28 | 173 | 1 |
| M170468 | | <0.5 | <2 | 0.09 | <0.5 | 7 | 65 | 7 | 1.72 | <10 | <1 | 0.29 | 30 | 0.43 | 254 | 1 |
| M170469 | | <0.5 | <2 | 0.10 | <0.5 | 6 | 47 | 4 | 1.62 | <10 | <1 | 0.28 | 30 | 0.39 | 218 | 1 |
| M170470 | | <0.5 | <2 | 0.23 | 0.9 | 6 | 90 | 32 | 1.54 | <10 | <1 | 0.29 | 20 | 0.38 | 197 | 2 |
| M170471 | | <0.5 | <2 | 0.18 | <0.5 | 3 | 152 | 16 | 0.99 | <10 | <1 | 0.13 | 30 | 0.22 | 119 | 3 |
| M170472 | | <0.5 | <2 | 0.14 | <0.5 | 6 | 31 | 23 | 1.78 | <10 | <1 | 0.22 | 30 | 0.45 | 180 | 1 |
| M170473 | | 0.6 | <2 | 0.47 | <0.5 | 4 | 54 | 34 | 3.22 | <10 | <1 | 0.28 | 20 | 0.06 | 87 | 6 |
| M170474 | | <0.5 | <2 | 0.10 | <0.5 | 3 | 78 | 6 | 1.18 | <10 | <1 | 0.17 | 20 | 0.23 | 95 | 1 |
| M170475 | | <0.5 | <2 | 0.09 | <0.5 | 5 | 83 | 11 | 1.51 | <10 | <1 | 0.21 | 20 | 0.34 | 142 | 2 |
| M170476 | | <0.5 | <2 | 0.01 | <0.5 | 6 | 116 | 10 | 1.32 | <10 | <1 | 0.19 | 20 | 0.29 | 148 | <1 |
| M170477 | | <0.5 | <2 | 0.02 | <0.5 | 5 | 118 | 11 | 1.20 | <10 | <1 | 0.18 | 10 | 0.31 | 152 | 1 |
| M170478 | | <0.5 | <2 | 0.11 | <0.5 | 4 | 83 | 12 | 1.28 | <10 | <1 | 0.20 | 10 | 0.25 | 159 | <1 |
| M170479 | | <0.5 | <2 | 0.02 | <0.5 | 6 | 208 | 13 | 1.20 | <10 | <1 | 0.22 | 10 | 0.03 | 32 | 4 |
| M170480 | | <0.5 | <2 | 0.02 | <0.5 | 3 | 81 | 11 | 1.14 | <10 | <1 | 0.17 | 20 | 0.23 | 171 | 1 |
| M170481 | | <0.5 | <2 | 0.20 | <0.5 | 4 | 46 | 5 | 1.36 | <10 | <1 | 0.22 | 30 | 0.35 | 222 | <1 |
| M170482 | | <0.5 | <2 | 0.16 | <0.5 | 8 | 54 | 8 | 2.21 | <10 | <1 | 0.30 | 30 | 0.55 | 408 | 1 |
| M170483 | | <0.5 | <2 | 0.13 | 1.4 | 5 | 31 | 16 | 1.72 | <10 | <1 | 0.24 | 30 | 0.45 | 381 | <1 |
| M170484 | | <0.5 | <2 | 0.12 | <0.5 | 8 | 89 | 15 | 2.07 | <10 | <1 | 0.33 | 40 | 0.69 | 531 | 2 |
| M170485 | | <0.5 | <2 | 0.19 | <0.5 | 5 | 127 | 16 | 1.69 | <10 | <1 | 0.11 | 10 | 0.14 | 263 | 1 |
| M170486 | | <0.5 | <2 | 0.09 | <0.5 | 2 | 266 | 13 | 0.70 | <10 | <1 | 0.13 | 10 | 0.07 | 81 | 5 |
| M170487 | | <0.5 | <2 | 0.02 | <0.5 | 2 | 131 | 9 | 0.50 | <10 | <1 | 0.09 | <10 | 0.06 | 29 | 2 |

Comments: NSS is non-sufficient sample.



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CERTIFICATE OF ANALYSIS VA03025193

| Sample Description | Method Analyte Units LOR | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 |
|--------------------|-----------------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|
| M170488 | | <0.5 | <2 | 0.03 | <0.5 | 1 | 104 | 8 | 0.49 | <10 | <1 | 0.07 | <10 | 0.04 | 30 | <1 |
| M170489 | | <0.5 | <2 | 0.24 | <0.5 | 1 | 145 | 9 | 0.55 | <10 | <1 | 0.06 | 10 | 0.15 | 91 | 2 |
| M170490 | | <0.5 | <2 | 0.11 | <0.5 | 2 | 108 | 11 | 0.60 | <10 | <1 | 0.06 | 10 | 0.09 | 58 | <1 |
| M170491 | | <0.5 | <2 | 0.34 | <0.5 | 4 | 108 | 12 | 1.14 | <10 | <1 | 0.10 | 10 | 0.43 | 198 | 2 |
| M170492 | | <0.5 | <2 | 0.13 | <0.5 | 9 | 10 | 4 | 2.11 | <10 | <1 | 0.40 | 20 | 0.77 | 310 | <1 |
| M170493 | | <0.5 | <2 | 0.10 | <0.5 | 8 | 45 | 6 | 2.15 | <10 | <1 | 0.28 | 10 | 0.66 | 385 | 1 |
| M170494 | | <0.5 | <2 | 0.03 | <0.5 | 8 | 74 | 7 | 1.38 | <10 | <1 | 0.15 | 20 | 0.36 | 170 | 1 |
| M170495 | | <0.5 | <2 | 0.07 | <0.5 | 3 | 156 | 8 | 0.80 | <10 | <1 | 0.13 | 10 | 0.10 | 81 | 1 |
| M170496 | | <0.5 | <2 | 0.35 | <0.5 | 3 | 178 | 10 | 0.75 | <10 | <1 | 0.18 | 20 | 0.24 | 128 | 3 |
| M170497 | | <0.5 | <2 | 0.81 | <0.5 | 3 | 64 | 11 | 0.75 | <10 | <1 | 0.15 | 10 | 0.40 | 189 | <1 |
| M170498 | | <0.5 | <2 | 0.24 | 0.6 | 23 | 62 | 6 | 4.28 | <10 | <1 | 0.27 | 10 | 1.99 | 462 | 1 |
| M170499 | | <0.5 | <2 | 2.48 | 1.6 | 35 | 30 | 11 | 7.12 | <10 | <1 | 0.30 | 10 | 3.72 | 599 | <1 |
| M170500 | | 2.2 | 3 | 0.81 | 0.9 | 22 | 312 | 68 | 4.32 | 10 | <1 | 1.02 | 30 | 1.16 | 1210 | 1 |
| M170501 | | <0.5 | <2 | 1.33 | 1.5 | 31 | 30 | 6 | 7.25 | <10 | <1 | 0.19 | 10 | 4.86 | 639 | 1 |
| M170502 | | <0.5 | <2 | 0.25 | 1.4 | 31 | 40 | 11 | 7.47 | <10 | <1 | 0.24 | 10 | 5.45 | 570 | 1 |
| M170503 | | <0.5 | <2 | 0.71 | 1.4 | 41 | 26 | 85 | 7.76 | <10 | <1 | 0.26 | 10 | 5.51 | 651 | <1 |
| M170504 | | <0.5 | 2 | 2.51 | 2.3 | 39 | 34 | 209 | 7.03 | <10 | <1 | 0.29 | <10 | 3.85 | 614 | 1 |
| M170505 | | <0.5 | 2 | 1.82 | 1.6 | 45 | 18 | 199 | 7.52 | <10 | <1 | 0.27 | 10 | 4.63 | 631 | 1 |
| M170506 | | <0.5 | <2 | 2.76 | 1.7 | 29 | 28 | 24 | 6.94 | <10 | <1 | 0.23 | 10 | 4.88 | 868 | 1 |
| M170507 | | <0.5 | <2 | 3.89 | 1.4 | 33 | 19 | 302 | 6.35 | <10 | <1 | 0.28 | 10 | 4.13 | 897 | 1 |
| M170508 | | <0.5 | <2 | 1.02 | 2.2 | 38 | 48 | 81 | 7.67 | 10 | <1 | 0.18 | <10 | 5.66 | 614 | <1 |
| M170509 | | <0.5 | <2 | 1.21 | 2.2 | 35 | 33 | 12 | 7.24 | <10 | <1 | 0.21 | 10 | 5.83 | 578 | 1 |
| M170510 | | <0.5 | <2 | 2.52 | 3.0 | 31 | 33 | 96 | 7.05 | <10 | <1 | 0.20 | 10 | 4.98 | 711 | 1 |
| M170511 | | <0.5 | <2 | 4.32 | 2.0 | 34 | 20 | 187 | 6.98 | <10 | <1 | 0.23 | 10 | 3.56 | 1380 | <1 |
| M170512 | | <0.5 | <2 | 3.94 | 3.0 | 36 | 43 | 169 | 7.60 | <10 | <1 | 0.21 | 10 | 3.55 | 1200 | 4 |
| M170513 | | <0.5 | <2 | 4.08 | 1.8 | 38 | 46 | 172 | 7.93 | 10 | <1 | 0.18 | 10 | 3.59 | 1175 | 1 |
| M170514 | | <0.5 | <2 | 4.92 | 2.6 | 37 | 47 | 172 | 7.75 | 10 | 1 | 0.24 | 10 | 3.42 | 1230 | 1 |
| M170515 | | <0.5 | <2 | 4.38 | 2.3 | 40 | 82 | 218 | 8.35 | 10 | <1 | 0.08 | 10 | 3.45 | 1220 | <1 |
| M170516 | | <0.5 | <2 | 5.45 | <0.5 | 38 | 86 | 218 | 9.03 | 10 | <1 | 0.07 | 10 | 4.00 | 1480 | 4 |

Comments: NSS is non-sufficient sample.



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CERTIFICATE OF ANALYSIS VA03025193

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|----------------|---------------|----------------|----------------|
| | | Na % 0.01 | Ni ppm 1 | P ppm 10 | Pb ppm 2 | S % 0.01 | Sb ppm 2 | Sc ppm 1 | Sr ppm 1 | Ti % 0.01 | Ti ppm 10 | U ppm 10 | V ppm 1 | W ppm 10 | Zn ppm 2 |
| M170448 | | 0.12 | 162 | 280 | 27 | 0.65 | 5 | 10 | 70 | 0.18 | <10 | <10 | 63 | 10 | 101 |
| M170449 | | 0.02 | 11 | 290 | 6 | 0.24 | <2 | 1 | 11 | <0.01 | <10 | <10 | 5 | <10 | 16 |
| M170450 | | 0.02 | 10 | 170 | 5 | 0.07 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 15 |
| M170451 | | 0.02 | 12 | 190 | 5 | 0.20 | <2 | 1 | 7 | <0.01 | <10 | <10 | 3 | <10 | 41 |
| M170452 | | 0.03 | 5 | 80 | 5 | 0.27 | <2 | 1 | 8 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| M170453 | | 0.02 | 7 | 150 | 14 | 0.30 | <2 | 1 | 10 | <0.01 | <10 | <10 | 2 | <10 | 24 |
| M170454 | | 0.03 | 10 | 70 | 32 | 0.16 | <2 | 1 | 10 | <0.01 | <10 | <10 | 2 | <10 | 18 |
| M170455 | | 0.03 | 8 | 50 | 4 | 0.13 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 17 |
| M170456 | | 0.01 | 10 | 50 | 84 | 0.97 | <2 | 1 | 14 | <0.01 | <10 | <10 | 2 | <10 | 8 |
| M170457 | | 0.02 | 7 | 60 | 29 | 0.27 | <2 | <1 | 9 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| M170458 | | 0.01 | 11 | 70 | 62 | 0.29 | <2 | 1 | 13 | <0.01 | <10 | <10 | 2 | <10 | 5 |
| M170459 | | 0.01 | 12 | 180 | 18 | 0.17 | <2 | 1 | 7 | <0.01 | <10 | <10 | 3 | <10 | 13 |
| M170460 | | 0.01 | 14 | 330 | <2 | 0.28 | <2 | 2 | 8 | <0.01 | <10 | <10 | 6 | <10 | 19 |
| M170461 | | 0.01 | 14 | 420 | 21 | 0.27 | <2 | 2 | 13 | <0.01 | <10 | <10 | 6 | <10 | 28 |
| M170462 | | 0.01 | 11 | 150 | 6 | 0.15 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 18 |
| M170463 | | 0.01 | 8 | 320 | 99 | 0.24 | <2 | 1 | 11 | <0.01 | <10 | <10 | 3 | <10 | 40 |
| M170464 | | 0.01 | 10 | 130 | 4 | 0.28 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 11 |
| M170465 | | 0.01 | 12 | 130 | 4 | 0.18 | <2 | 1 | 5 | <0.01 | <10 | <10 | 4 | <10 | 12 |
| M170466 | | 0.01 | 16 | 150 | 20 | 0.22 | <2 | 2 | 6 | <0.01 | <10 | <10 | 4 | <10 | 19 |
| M170467 | | 0.01 | 8 | 150 | 28 | 0.51 | <2 | 1 | 14 | <0.01 | <10 | <10 | 2 | <10 | 14 |
| M170468 | | 0.01 | 13 | 260 | 9 | 0.21 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 20 |
| M170469 | | 0.02 | 11 | 170 | 2 | 0.17 | <2 | 1 | 6 | <0.01 | <10 | <10 | 3 | <10 | 18 |
| M170470 | | 0.02 | 12 | 310 | 23 | 0.23 | <2 | 1 | 13 | <0.01 | <10 | <10 | 3 | <10 | 68 |
| M170471 | | 0.03 | 10 | 70 | 8 | 0.05 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 20 |
| M170472 | | 0.02 | 11 | 80 | 7 | 0.10 | 2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 31 |
| M170473 | | 0.02 | 17 | 200 | 34 | 0.01 | 33 | 4 | 34 | <0.01 | <10 | <10 | 12 | <10 | 1365 |
| M170474 | | 0.04 | 8 | 70 | 2 | 0.07 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 16 |
| M170475 | | 0.02 | 11 | 60 | 3 | 0.19 | <2 | 1 | 6 | <0.01 | <10 | <10 | 3 | <10 | 16 |
| M170476 | | <0.01 | 13 | 30 | 5 | 0.25 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 10 |
| M170477 | | <0.01 | 12 | 60 | 6 | 0.17 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 11 |
| M170478 | | 0.01 | 8 | 100 | 42 | 0.50 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 8 |
| M170479 | | 0.01 | 17 | 50 | 19 | 0.75 | <2 | <1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 2 |
| M170480 | | 0.02 | 9 | 60 | 3 | 0.09 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 13 |
| M170481 | | 0.02 | 7 | 470 | 30 | 0.09 | <2 | 1 | 9 | <0.01 | <10 | <10 | 2 | <10 | 26 |
| M170482 | | 0.01 | 15 | 200 | 54 | 0.38 | <2 | 1 | 8 | <0.01 | <10 | <10 | 4 | <10 | 45 |
| M170483 | | 0.01 | 7 | 180 | 44 | 0.16 | <2 | 1 | 6 | <0.01 | <10 | <10 | 3 | <10 | 143 |
| M170484 | | 0.01 | 17 | 140 | 27 | 0.34 | <2 | 2 | 8 | 0.01 | <10 | <10 | 6 | <10 | 29 |
| M170485 | | 0.01 | 9 | 40 | 16 | 1.10 | <2 | 1 | 9 | <0.01 | <10 | <10 | 1 | <10 | 7 |
| M170486 | | 0.01 | 14 | 30 | 3 | 0.17 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 5 |
| M170487 | | 0.03 | 8 | 30 | 10 | 0.19 | <2 | <1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 4 |

Comments: NSS is non-sufficient sample.



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|--------------------|-----------------------------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|----------------|---------------|----------------|----------------|
| | | Na % 0.01 | Ni ppm 1 | P ppm 10 | Pb ppm 2 | S % 0.01 | Sb ppm 2 | Sc ppm 1 | Sr ppm 1 | Ti % 0.01 | Ti ppm 10 | U ppm 10 | V ppm 1 | W ppm 10 | Zn ppm 2 |
| M170488 | | 0.08 | 5 | 40 | <2 | 0.09 | <2 | <1 | 4 | <0.01 | <10 | <10 | 1 | <10 | 3 |
| M170489 | | 0.07 | 8 | 60 | 4 | 0.05 | <2 | <1 | 9 | <0.01 | <10 | <10 | 2 | <10 | 18 |
| M170490 | | 0.06 | 6 | 40 | <2 | 0.11 | <2 | <1 | 6 | <0.01 | <10 | <10 | 1 | <10 | 3 |
| M170491 | | 0.04 | 9 | 60 | 17 | 0.26 | <2 | 1 | 14 | <0.01 | <10 | <10 | 2 | <10 | 13 |
| M170492 | | 0.02 | 15 | 400 | <2 | 0.40 | <2 | 2 | 7 | <0.01 | <10 | <10 | 6 | <10 | 21 |
| M170493 | | 0.03 | 13 | 330 | 2 | 0.16 | <2 | 2 | 6 | <0.01 | <10 | <10 | 5 | <10 | 28 |
| M170494 | | 0.03 | 13 | 90 | 9 | 0.32 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 13 |
| M170495 | | 0.02 | 9 | 40 | 5 | 0.14 | <2 | <1 | 4 | <0.01 | <10 | <10 | 1 | <10 | 21 |
| M170496 | | 0.04 | 10 | 80 | 2 | 0.16 | <2 | <1 | 14 | <0.01 | <10 | <10 | 2 | <10 | 4 |
| M170497 | | 0.01 | 6 | 70 | 7 | 0.24 | <2 | 1 | 31 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| M170498 | | 0.02 | 30 | 430 | 2 | 0.16 | <2 | 7 | 9 | 0.01 | <10 | <10 | 13 | <10 | 31 |
| M170499 | | 0.02 | 47 | 1050 | <2 | 0.12 | <2 | 16 | 48 | 0.02 | <10 | <10 | 37 | <10 | 42 |
| M170500 | | 0.13 | 148 | 270 | 23 | 0.63 | 4 | 10 | 69 | 0.19 | <10 | <10 | 60 | 10 | 98 |
| M170501 | | 0.02 | 52 | 1040 | <2 | 0.06 | <2 | 17 | 24 | 0.01 | <10 | <10 | 27 | <10 | 44 |
| M170502 | | 0.02 | 48 | 920 | <2 | 0.04 | <2 | 20 | 5 | 0.01 | <10 | <10 | 31 | <10 | 59 |
| M170503 | | 0.03 | 52 | 1030 | <2 | 0.23 | 4 | 20 | 16 | 0.01 | <10 | <10 | 34 | <10 | 77 |
| M170504 | | 0.01 | 48 | 1090 | 2 | 0.31 | 17 | 16 | 52 | 0.01 | <10 | <10 | 26 | <10 | 51 |
| M170505 | | 0.01 | 53 | 1160 | 3 | 0.21 | 19 | 16 | 36 | 0.01 | <10 | <10 | 24 | <10 | 66 |
| M170506 | | 0.02 | 37 | 750 | <2 | 0.24 | <2 | 13 | 59 | <0.01 | <10 | <10 | 20 | <10 | 59 |
| M170507 | | 0.02 | 47 | 1070 | 2 | 0.17 | <2 | 16 | 61 | 0.01 | <10 | <10 | 27 | <10 | 50 |
| M170508 | | 0.05 | 47 | 1050 | <2 | 0.08 | 2 | 22 | 19 | 0.03 | <10 | <10 | 87 | <10 | 88 |
| M170509 | | 0.04 | 46 | 990 | <2 | 0.04 | <2 | 22 | 29 | 0.01 | <10 | <10 | 41 | <10 | 62 |
| M170510 | | 0.02 | 42 | 940 | <2 | 0.11 | 2 | 19 | 54 | 0.01 | <10 | <10 | 27 | <10 | 54 |
| M170511 | | 0.02 | 42 | 1000 | 11 | 0.33 | <2 | 17 | 79 | 0.01 | <10 | <10 | 25 | <10 | 55 |
| M170512 | | 0.06 | 45 | 1010 | 26 | 0.33 | <2 | 20 | 61 | 0.02 | <10 | <10 | 76 | <10 | 66 |
| M170513 | | 0.05 | 46 | 1050 | 2 | 0.10 | <2 | 22 | 60 | 0.02 | <10 | <10 | 75 | <10 | 69 |
| M170514 | | 0.04 | 45 | 1090 | 2 | 0.21 | <2 | 22 | 90 | 0.02 | <10 | <10 | 77 | <10 | 63 |
| M170515 | | 0.06 | 52 | 1140 | <2 | 0.13 | <2 | 27 | 55 | 0.03 | <10 | <10 | 175 | <10 | 78 |
| M170516 | | 0.04 | 58 | 1150 | 5 | 0.12 | <2 | 30 | 61 | 0.01 | <10 | <10 | 216 | <10 | 92 |

Comments: NSS is non-sufficient sample.

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z-03-07

LENGTH: 277.9 M.

| | | |
|----------------------------------|---------------------------|-------------------------------|
| PROPERTY: ZINGER | HORI. COMP: 196.5 m | DRILL CONTRACTOR: LONE RANGER |
| LOCATION: BIG LEDGE VEIN COMPLEX | VERT. COMP: 196.5 m | |
| COMMENCED: July 10, 2003 | CORR. DIP: -45 | CORE SIZE: NQ |
| COORDS: Long. | TRUE BEARING: 255° | CASING: 6.1 Meters |
| COORDS: UTM (E) | % RECOVERY: Good | CORE STORAGE: Vine Properties |
| COORDS: Grid (E) | LOGGED DATE: July 2003 | |
| ELEVATION: 2004.0 meters | LOGGED BY: Dave L. Pighin | |
| OBJECTIVE: | | |
| SURVEYS: Depth: | Dip: Azi: Type: | |
| ADDITIONAL SURVEYS: | | |
| Depth: | Dip: Azi: | |

| From | To | LITHOLOGY: Altered Gabbro |
|------|------|---|
| 6.1 | 20.6 | COLOR: Weathers orangy brown. |
| | | PRIMARY STRUCTURE: NIL |
| | | TECTONIC STRUCTURE: Destroyed by surface weathering. |
| | | GENERAL ALTERATION: Sericitized, carbonatized gabbro overprinted by late limonitization. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Limonite appears to be mainly after Fe Carbonate. However; some rare oxidized pyrite is noted in rare quartz veinlets. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 6.1 | 7.1 | 0 | Limonite after sericitic - carbonatized gabbro rare quartz - pyrite vein. | M 170524 | 1 | <0.05 | 2.2 | 43 | 5 | 142 | 245 |
| 7.1 | 8.1 | 0 | Limonite after sericitic - carbonatized gabbro rare quartz - pyrite vein. | M 170525 | 1 | <0.05 | 0.2 | 34 | 4 | 163 | 260 |
| 8.1 | 9.1 | 50 | Limonite after sericitic - carbonatized gabbro rare quartz - pyrite vein. | M 170526 | 1 | <0.05 | <0.2 | 25 | 3 | 148 | 325 |
| 9.1 | 10.1 | 0 | Limonite after sericitic - carbonatized gabbro rare quartz - pyrite vein. | M 170527 | 1 | <0.05 | <0.2 | 27 | 4 | 108 | 266 |
| 10.1 | 11.1 | 0 | Limonite after sericitic - carbonatized gabbro rare quartz - pyrite vein. | M 170528 | 1 | <0.05 | <0.2 | 18 | 8 | 102 | 226 |
| 11.1 | 12.1 | 0 | Limonite after sericitic - carbonatized gabbro rare quartz - pyrite vein. | M 170529 | 1 | <0.05 | 0.3 | 128 | 11 | 192 | 248 |
| 12.1 | 13.1 | 0 | Limonite after sericitic - carbonatized gabbro rare quartz - pyrite vein. | M 170530 | 1 | <0.05 | 1.4 | 160 | 7 | 116 | 184 |
| 13.1 | 14.1 | 0 | Limonite after sericitic - carbonatized gabbro rare quartz - pyrite vein. | M 170531 | 1 | 0.11 | 3.6 | 1355 | 24 | 94 | 190 |
| 14.1 | 15.1 | 50 | Limonite after sericitic - carbonatized gabbro rare quartz - pyrite vein. | M 170532 | 1 | 0.06 | 5.3 | 2010 | 24 | 108 | 289 |
| 15.1 | 16.1 | 30 | Limonite after sericitic - carbonatized gabbro rare quartz - pyrite vein. | M 170533 | 1 | <0.05 | 0.4 | 306 | 9 | 80 | 174 |
| 16.1 | 17.1 | 40 | Limonite after sericitic - carbonatized gabbro rare quartz - pyrite vein. | M 170534 | 1 | <0.05 | 1.4 | 489 | 14 | 108 | 273 |
| 17.1 | 18.1 | 40 | Limonite after sericitic - carbonatized gabbro rare quartz - pyrite vein. | M 170535 | 1 | <0.05 | 0.9 | 360 | 24 | 89 | 287 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-07

LENGTH: 277.9 M.

| From | To | %Core Loss | Comments | | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|---|---|------------|-------|-----------|-----------|-----------|-----------|-----------|-----------|
| 18.1 | 18.6 | 0 | Limonite after sericitic - carbonatized gabbro rare quartz - pyrite vein. | M | 170536 | 0.5 | <0.05 | 1.1 | 241 | 19 | 95 | 222 |
| 18.6 | 19.1 | 0 | Limonite after sericitic - carbonatized gabbro rare quartz - pyrite vein. | M | 170537 | 0.5 | <0.05 | 0.4 | 94 | 12 | 8 | 15 |
| 19.1 | 19.6 | 0 | Limonite after sericitic - carbonatized gabbro rare quartz - pyrite vein. | M | 170538 | 0.5 | <0.05 | 0.9 | 295 | 24 | 98 | 345 |
| 19.6 | 20.1 | 0 | Limonite after sericitic - carbonatized gabbro rare quartz - pyrite vein. | M | 170539 | 0.5 | <0.05 | 1.1 | 194 | 10 | 71 | 194 |
| 20.1 | 20.6 | 0 | Limonite after sericitic - carbonatized gabbro rare quartz - pyrite vein. | M | 170540 | 0.5 | <0.05 | 0.4 | 202 | 9 | 28 | 13 |
| STND | | 0 | | M | 170541 | | NSS | 1.3 | 5090 | 25 | 96 | 68 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z-03-07
LENGTH: 277.9 M.

| From | To | LITHOLOGY: Limonitic phyllitic argillite and siltstone. |
|------|------|--|
| 20.6 | 55.5 | COLOR: Mainly late gray, some streaks of yellowish green, all overprinted by brown specks and streaks of limonite. |
| | | PRIMARY STRUCTURE: Destroyed by tectonics. 42.0 bedding to core = 10°. |
| | | TECTONIC STRUCTURE: 20.6 – 65.5 m. generally strongly foliated. Foliation to core at 33.0 = 18°, at 43.0 = 22°. Siltstone beds are not as well foliated as argillite. Slicken sides are not along most of the planes of foliation. |
| | | GENERAL ALTERATION: Sericitization is strongly developed in this section such that argillite beds are best called sericitic phyllite. Surface weathering has altered all the Fe-carbonate to limonite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Pyrite in veinlets and dissemination in sediments is very rare in this unit. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 20.6 | 21.1 | 0 | Limonitic phyllitic argillite and siltstone, rare pyrite in sediments quartz veinlets are very rare. | M 170542 | 0.5 | 0.1 | <0.2 | 126 | 7 | 28 | 9 |
| 21.1 | 21.6 | 0 | Limonitic phyllitic argillite and siltstone, rare pyrite in sediments quartz veinlets are very rare. | M 170543 | 0.5 | <0.05 | <0.2 | 37 | 4 | 29 | 1 |
| 21.6 | 22.1 | 0 | Limonitic phyllitic argillite and siltstone, rare pyrite in sediments quartz veinlets are very rare. | M 170544 | 0.5 | <0.05 | <0.2 | 25 | 5 | 21 | 2 |
| 22.1 | 22.6 | 0 | Limonitic phyllitic argillite and siltstone, rare pyrite in sediments quartz veinlets are very rare. | M 170545 | 0.5 | <0.05 | <0.2 | 54 | 4 | 24 | 4 |
| 22.6 | 23.1 | 0 | Limonitic phyllitic argillite and siltstone, rare pyrite in sediments quartz veinlets are very rare. | M 170546 | 0.5 | <0.05 | <0.2 | 16 | 2 | 18 | 1 |
| 23.1 | 23.6 | 0 | Limonitic phyllitic argillite and siltstone, rare pyrite in sediments quartz veinlets are very rare. | M 170547 | 0.5 | <0.05 | <0.2 | 12 | <2 | 14 | 2 |
| 23.6 | 24.1 | 0 | Limonitic phyllitic argillite and siltstone, rare pyrite in sediments quartz veinlets are very rare. | M 170548 | 0.5 | <0.05 | <0.2 | 16 | <2 | 20 | 1 |
| 24.1 | 24.6 | 0 | Limonitic phyllitic argillite and siltstone, rare pyrite in sediments quartz veinlets are very rare. | M 170549 | 0.5 | <0.05 | <0.2 | 16 | <2 | 16 | 1 |
| 24.6 | 25 | 0 | Limonitic phyllitic argillite and siltstone, rare pyrite in sediments quartz veinlets are very rare. | M 170550 | 0.4 | <0.05 | <0.2 | 28 | 7 | 13 | 6 |
| STND | | 0 | Limonitic phyllitic argillite and siltstone, rare pyrite in sediments quartz veinlets are very rare. | M 170551 | | 0.8 | <0.2 | 719 | 32 | 1325 | 35 |
| 25 | 26 | 0 | Limonitic phyllitic argillite and siltstone, rare pyrite in sediments quartz veinlets are very rare. | M 170552 | 1 | <0.05 | <0.2 | 18 | 5 | 12 | 7 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-07

LENGTH: 277.9 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|----|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 26 | 27 | 0 | Limonic phyllitic argillite and siltstone, rare pyrite in sediments quartz veinlets are very rare. | M 170553 | 1 | <0.05 | <0.2 | 19 | 2 | 12 | 3 |
| 27 | 28 | 0 | Limonic phyllitic argillite and siltstone, rare pyrite in sediments quartz veinlets are very rare. | M 170554 | 1 | <0.05 | <0.2 | 60 | 8 | 16 | 3 |
| 28 | 29 | 0 | Limonic phyllitic argillite and siltstone, rare pyrite in sediments quartz veinlets are very rare. | M 170555 | 1 | <0.05 | <0.2 | 45 | 7 | 13 | 3 |
| 29 | 30 | 20 | Limonic phyllitic argillite and siltstone, rare pyrite in sediments quartz veinlets are very rare. | M 170556 | 1 | <0.05 | <0.2 | 129 | <2 | 14 | 1 |
| 30 | 31 | 0 | Limonic phyllitic argillite and siltstone, rare pyrite in sediments quartz veinlets are very rare. | M 170557 | 1 | <0.05 | <0.2 | 68 | <2 | 16 | 1 |
| 31 | 32 | 0 | Limonic phyllitic argillite and siltstone, rare pyrite in sediments quartz veinlets are very rare. | M 170558 | 1 | <0.05 | <0.2 | 29 | <2 | 15 | 4 |
| 32 | 33 | 0 | Limonic phyllitic argillite and siltstone, rare pyrite in sediments, quartz veinlets are very rare. | M 170559 | 1 | <0.05 | <0.2 | 28 | <2 | 16 | 2 |
| 33 | 34 | 0 | Limonic phyllitic argillite and siltstone, rare pyrite in sediments, quartz veinlets are very rare. | M 170560 | 1 | <0.05 | <0.2 | 49 | 2 | 21 | 2 |
| 34 | 35 | 0 | Limonic phyllitic argillite and siltstone, rare pyrite in sediments, quartz veinlets are very rare. | M 170561 | 1 | <0.05 | <0.2 | 55 | 4 | 25 | 2 |
| 35 | 36 | 0 | Limonic phyllitic argillite and siltstone, rare pyrite in sediments, quartz veinlets are very rare. | M 170562 | 1 | <0.05 | <0.2 | 8 | 2 | 5 | 1 |
| 36 | 37 | 0 | Limonic phyllitic argillite and siltstone, rare pyrite in sediments, quartz veinlets are very rare. | M 170563 | 1 | <0.05 | <0.2 | 24 | 4 | 11 | 2 |
| 37 | 38 | 0 | Limonic phyllitic argillite and siltstone, rare pyrite in sediments, quartz veinlets are very rare. | M 170564 | 1 | <0.05 | <0.2 | 19 | <2 | 13 | 2 |
| 38 | 39 | 0 | Limonic phyllitic argillite and siltstone, rare pyrite in sediments, quartz veinlets are very rare. | M 170565 | 1 | <0.05 | <0.2 | 19 | <2 | 22 | 2 |
| 39 | 40 | 0 | Limonic phyllitic argillite and siltstone, rare pyrite in sediments, quartz veinlets are very rare. | M 170566 | 1 | <0.05 | <0.2 | 21 | <2 | 15 | 3 |
| 40 | 41 | 0 | Limonic phyllitic argillite and siltstone, rare pyrite in sediments, quartz veinlets are very rare. | M 170567 | 1 | <0.05 | <0.2 | 18 | 3 | 16 | 2 |
| 41 | 42 | 0 | Limonic phyllitic argillite and siltstone, rare pyrite in sediments, quartz veinlets are very rare. | M 170568 | 1 | <0.05 | <0.2 | 16 | 2 | 11 | 1 |
| 42 | 43 | 0 | Limonic phyllitic argillite and siltstone, rare pyrite in sediments, quartz veinlets are very rare. | M 170569 | 1 | <0.05 | <0.2 | 9 | <2 | 16 | 1 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-07

LENGTH: 277.9 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|----|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 43 | 44 | 0 | Limonitic phyllitic argillite and siltstone, rare pyrite in sediments, quartz veinlets are very rare. | M 170570 | 1 | <0.05 | <0.2 | 10 | <2 | 16 | 1 |
| 44 | 45 | 0 | Limonitic phyllitic argillite and siltstone, rare pyrite in sediments, quartz veinlets are very rare. | M 170571 | 1 | <0.05 | <0.2 | 10 | <2 | 16 | 2 |
| STND | | 0 | P 10 | M 170572 | 1 | NSS | 1.6 | 5210 | 22 | 97 | 69 |
| 45 | 46 | 0 | Limonitic phyllitic argillite and siltstone, rare pyrite in sediments, quartz veinlets are very rare. | M 170573 | 1 | <0.05 | <0.2 | 31 | 2 | 14 | 1 |
| 46 | 47 | 0 | Limonitic phyllitic argillite and siltstone, rare pyrite in sediments, quartz veinlets are very rare. | M 170574 | 1 | <0.05 | <0.2 | 8 | <2 | 19 | 2 |
| 47 | 48 | 30 | Limonitic phyllitic argillite and siltstone, rare pyrite in sediments, quartz veinlets are very rare. | M 170575 | 1 | <0.05 | <0.2 | 4 | <2 | 18 | 2 |
| 48 | 49 | 0 | Limonitic phyllitic argillite and siltstone, rare pyrite in sediments, quartz veinlets are very rare. | M 170576 | 1 | <0.05 | <0.2 | 5 | 4 | 24 | 11 |
| 49 | 50 | 0 | Limonitic phyllitic argillite and siltstone, rare pyrite in sediments, quartz veinlets are very rare. | M 170577 | 1 | <0.05 | <0.2 | 4 | <2 | 18 | 3 |
| 50 | 51 | 0 | Limonitic phyllitic argillite and siltstone, rare pyrite in sediments, quartz veinlets are very rare. | M 170578 | 1 | <0.05 | <0.2 | 2 | <2 | 19 | 2 |
| 51 | 52 | 0 | Limonitic phyllitic argillite and siltstone, rare pyrite in sediments, quartz veinlets are very rare. | M 170579 | 1 | <0.05 | <0.2 | 13 | <2 | 14 | 4 |
| 52 | 53 | 0 | Limonitic phyllitic argillite and siltstone, rare pyrite in sediments, quartz veinlets are very rare. | M 170580 | 1 | <0.05 | <0.2 | 8 | 3 | 14 | 5 |
| 53 | 54 | 0 | Limonitic phyllitic argillite and siltstone, rare pyrite in sediments, quartz veinlets are very rare. | M 170581 | 1 | <0.05 | <0.2 | 10 | 2 | 16 | 4 |
| 54 | 55 | 0 | Limonitic phyllitic argillite and siltstone, rare pyrite in sediments, quartz veinlets are very rare. | M 170582 | 1 | <0.05 | <0.2 | 10 | 8 | 15 | 3 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z-03-07
LENGTH: 277.9 M.

| From | To | LITHOLOGY: Phyllitic argillite and siltstone. Scattered quartz veinlets parallel to foliation. |
|------|------|---|
| 55.5 | 82.0 | COLOR: Light greenish gray to light gray, overprinted by dark brown limonite streaks and speckling. |
| | | PRIMARY STRUCTURE: Generally destroyed by alteration and tectonics. |
| | | TECTONIC STRUCTURE: Weakly to strongly phyllitic, foliation cuts core axis at 60.0 = 30°, at 63 = 25°, at 69.5 = 43°, at 76.0 = 34°. Argillite beds are strongly foliated with slickensides, siltstone beds are weakly foliated and crackle brecciated. Shearing parallel to foliation is most intense from 69.0 to 77.0. 70.5 to 70.8 mud seam (fault?). |
| | | GENERAL ALTERATION: Sericitic and limonitic. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Quartz – carbonate – veinlets with and without pyrite are widely scattered through this section. Most of the veins are parallel to foliation and range in thickness from 1cm to 10 cm. Pyrite also occurs as weakly disseminated euhedral crystallines in siltstones. Best pyrite mineralization is from 55.0 to 56.0. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|----|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 55 | 56 | 0 | Widely scattered quartz - carbonate veinlets scattered throughout, best pyrite mineralization. | M 170583 | 1 | <0.05 | 0.2 | 16 | 2 | 13 | 5 |
| 56 | 57 | 0 | Widely scattered quartz - carbonate veinlets scattered throughout, best pyrite mineralization. | M 170584 | 1 | <0.05 | <0.2 | 13 | 2 | 14 | 3 |
| 57 | 58 | 0 | Widely scattered quartz - carbonate veinlets scattered throughout, best pyrite mineralization. | M 170585 | 1 | <0.05 | <0.2 | 8 | <2 | 22 | 2 |
| 58 | 59 | 0 | Widely scattered quartz - carbonate veinlets scattered throughout, best pyrite mineralization. | M 170586 | 1 | <0.05 | <0.2 | 9 | <2 | 24 | 1 |
| 59 | 60 | 0 | Widely scattered quartz - carbonate veinlets scattered throughout, best pyrite mineralization. | M 170587 | 1 | <0.05 | <0.2 | 24 | <2 | 77 | 3 |
| STND | | 0 | 10:00 PM | M 170588 | 1 | NSS | 1.5 | 5080 | 24 | 95 | 68 |
| 60 | 61 | 0 | Widely scattered quartz - carbonate veinlets scattered throughout, best pyrite mineralization. | M 170589 | 1 | <0.05 | <0.2 | 62 | <2 | 48 | 2 |
| 61 | 62 | 0 | Widely scattered quartz - carbonate veinlets scattered throughout, best pyrite mineralization. | M 170590 | 1 | <0.05 | <0.2 | 32 | <2 | 39 | 2 |
| 62 | 63 | 0 | Widely scattered quartz - carbonate veinlets scattered throughout, best pyrite mineralization. | M 170591 | 1 | <0.05 | <0.2 | 20 | 2 | 36 | 3 |
| 63 | 64 | 0 | Widely scattered quartz - carbonate veinlets scattered throughout, best pyrite mineralization. | M 170592 | 1 | <0.05 | <0.2 | 35 | 6 | 60 | 3 |
| 64 | 65 | 0 | Widely scattered quartz - carbonate veinlets scattered throughout, best pyrite mineralization. | M 170593 | 1 | <0.05 | <0.2 | 8 | 2 | 17 | 2 |
| 65 | 66 | 0 | Widely scattered quartz - carbonate veinlets scattered throughout phyllites. | M 170594 | 1 | <0.05 | <0.2 | 2 | 2 | 7 | 4 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-07

LENGTH: 277.9 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|----|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 66 | 67 | 0 | Widely scattered quartz - carbonate veinlets scattered throughout phyllites. | M 170595 | 1 | <0.05 | <0.2 | 2 | <2 | 27 | 2 |
| 67 | 68 | 0 | Widely scattered quartz - carbonate veinlets scattered throughout phyllites. | M 170596 | 1 | <0.05 | <0.2 | 3 | 2 | 46 | 2 |
| 68 | 69 | 0 | Widely scattered quartz - carbonate veinlets scattered throughout phyllites. | M 170597 | 1 | <0.05 | <0.2 | 5 | 3 | 43 | 3 |
| 69 | 70 | 0 | Widely scattered quartz - carbonate veinlets scattered throughout phyllites. | M 170598 | 1 | <0.05 | <0.2 | 6 | 6 | 36 | 9 |
| 70 | 71 | 0 | Widely scattered quartz - carbonate veinlets scattered throughout phyllites. | M 170599 | 1 | 0.07 | 0.6 | 7 | 93 | 89 | 28 |
| 71 | 72 | 0 | Widely scattered quartz - carbonate veinlets scattered throughout phyllites. | M 170600 | 1 | <0.05 | <0.2 | 5 | 3 | 17 | 5 |
| 72 | 73 | 0 | Widely scattered quartz - carbonate veinlets scattered throughout phyllites. | M 170601 | 1 | <0.05 | 0.2 | 4 | 29 | 24 | 7 |
| 73 | 74 | 0 | Widely scattered quartz - carbonate veinlets scattered throughout phyllites. | M 170602 | 1 | <0.05 | 0.3 | 5 | 7 | 18 | 67 |
| 74 | 75 | 85 | Widely scattered quartz - carbonate veinlets scattered throughout phyllites. | M 170603 | 1 | <0.05 | <0.2 | 3 | 7 | 15 | 1 |
| 75 | 76 | 40 | Widely scattered quartz - carbonate veinlets scattered throughout phyllites. | M 170604 | 1 | <0.05 | <0.2 | 6 | 6 | 20 | 5 |
| 76 | 77 | 0 | Widely scattered quartz - carbonate veinlets scattered throughout phyllites. | M 170605 | 1 | <0.05 | <0.2 | 4 | 5 | 16 | 6 |
| 77 | 78 | 0 | Widely scattered quartz - carbonate veinlets scattered throughout phyllites. | M 170606 | 1 | NSS | <0.2 | 5 | 3 | 17 | 2 |
| STND | | 0 | P 10 | M 170607 | 1 | <0.05 | 1.7 | 5180 | 24 | 96 | 70 |
| 78 | 79 | 0 | Widely scattered quartz - carbonate veinlets scattered throughout phyllites. | M 170608 | 1 | <0.05 | <0.2 | 20 | 6 | 15 | 5 |
| 79 | 80 | 0 | Widely scattered quartz - carbonate veinlets scattered throughout phyllites. | M 170609 | 1 | <0.05 | 0.2 | 29 | 4 | 17 | 12 |
| 80 | 81 | 0 | Widely scattered quartz - carbonate veinlets scattered throughout phyllites. | M 170610 | 1 | <0.05 | 0.2 | 20 | 10 | 16 | 21 |
| 81 | 82 | 0 | Widely scattered quartz - carbonate veinlets scattered throughout phyllites. | M 170611 | 1 | <0.05 | <0.2 | 11 | 5 | 17 | 2 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z-03-07
LENGTH: 277.9 M.

| From | To | LITHOLOGY: Argillite. |
|------|------|--|
| 82.0 | 91.0 | COLOR: Light green. |
| | | PRIMARY STRUCTURE: Destroyed by tectonics. Bedding ? at 83.0 = 50°. |
| | | TECTONIC STRUCTURE: Weakly brecciated quartz – carbonate filled fracture at dominate fracture set at 50° to core axis other fractures at 013°, and 28° to core axis. At 91.0 bedding to core 40° or (foliation). |
| | | GENERAL ALTERATION: Argillite is strongly sericitized. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Pyrite is weakly disseminated in argillite but is rare in quartz – carbonate veinlets. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 82 | 83 | 0 | Weakly brecciated weakly disseminated pyrite mainly in argillite. | M 170612 | 1 | <0.05 | 0.3 | 22 | 2 | 13 | 9 |
| 83 | 84 | 0 | Weakly brecciated weakly disseminated pyrite mainly in argillite. | M 170613 | 1 | <0.05 | 0.3 | 24 | 11 | 12 | 11 |
| 84 | 85 | 0 | Weakly brecciated weakly disseminated pyrite mainly in argillite. | M 170614 | 1 | <0.05 | <0.2 | 12 | 4 | 12 | 3 |
| 85 | 86 | 0 | Weakly brecciated weakly disseminated pyrite mainly in argillite. | M 170615 | 1 | <0.05 | <0.2 | 20 | 5 | 17 | 2 |
| 86 | 87 | 0 | Weakly brecciated weakly disseminated pyrite mainly in argillite. | M 170616 | 1 | <0.05 | <0.2 | 17 | 7 | 16 | 1 |
| 87 | 88 | 20 | Weakly brecciated weakly disseminated pyrite mainly in argillite. | M 170617 | 1 | <0.05 | <0.2 | 17 | 8 | 21 | 1 |
| 88 | 89 | 0 | Weakly brecciated weakly disseminated pyrite mainly in argillite. | M 170618 | 1 | <0.05 | <0.2 | 8 | 2 | 12 | 1 |
| 89 | 90 | 0 | Weakly brecciated weakly disseminated pyrite mainly in argillite. | M 170619 | 1 | <0.05 | <0.2 | 12 | 2 | 17 | 2 |
| 90 | 90.5 | 0 | Weakly brecciated weakly disseminated pyrite mainly in argillite. | M 170620 | 0.5 | <0.05 | <0.2 | 14 | <2 | 21 | 7 |
| 90.5 | 91 | 0 | Weakly brecciated weakly disseminated pyrite mainly in argillite. | M 170621 | 0.5 | <0.05 | <0.2 | 31 | 2 | 18 | 2 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z-03-07
LENGTH: 277.9 M.

| From | To | LITHOLOGY: Quartz – carbonate brecciated quartzite and argillite. |
|------|------|--|
| 91.0 | 99.5 | COLOR: Quartzite and argillite light green, quartz and carbonate is brown and white. |
| | | PRIMARY STRUCTURE: Destroyed by tectonics. |
| | | TECTONIC STRUCTURE: Quartz – carbonate filled fractures cut core at 30°, 40° and 50° - with scattered irregular lenses of quartz – carbonate. 91.0 – 95.5 weakly brecciated, and from 95.5 to 99.5 strongly brecciated. |
| | | GENERAL ALTERATION: Host sed are intensely sericitized, locally silicified, and all generally weakly dolomitic. Late hairline fractures locally are lined by dark green chlorite, some of the dolomite in veins is altered to limonite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: 91.0 – 95.5 weakly brecciated and healed by quartz – dolomite vein material. Pyrite is rare, but can be locally abundant in certain veinlets. Galena and sphalerite occurs from 95.5 – 96.5 less than 1% combined Pb – Zn. 95.5 – 99.5 stronger brecciation with more quartz – dolomite matrix than above. Galena and sphalerite are locally abundant in this section the galena and sphalerite can form large irregular blebs. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 91 | 91.5 | 0 | Quartz-carbonate breccia, weakly brecciated pyrite, rare galena and sphalerite. | M 170622 | 0.5 | <0.05 | <0.2 | 19 | 6 | 30 | 3 |
| 91.5 | 92 | 0 | Quartz-carbonate breccia, weakly brecciated pyrite, rare galena and sphalerite. | M 170623 | 0.5 | 0.08 | 0.7 | 23 | 292 | 38 | 13 |
| 92 | 92.5 | 0 | Quartz-carbonate breccia, weakly brecciated pyrite, rare galena and sphalerite. | M 170624 | 0.5 | <0.05 | <0.2 | 13 | 3 | 21 | 7 |
| 92.5 | 93 | 0 | Quartz-carbonate breccia, weakly brecciated pyrite, rare galena and sphalerite. | M 170625 | 0.5 | <0.05 | 0.4 | 19 | 17 | 40 | 5 |
| 93 | 93.5 | 0 | Quartz-carbonate breccia, weakly brecciated pyrite, rare galena and sphalerite. | M 170626 | 0.5 | <0.05 | <0.2 | 7 | 19 | 162 | 4 |
| STND | | 0 | | M 170627A | 0.5 | NSS | 1.7 | 6 | 79 | 290 | 8 |
| 93.5 | 94 | 0 | Quartz-carbonate breccia, weakly brecciated pyrite, rare galena and sphalerite. | M 170627 | 0.5 | <0.05 | 0.2 | 5280 | 23 | 96 | 69 |
| 94 | 94.5 | 0 | Quartz-carbonate breccia, weakly brecciated pyrite, rare galena and sphalerite. | M 170628 | 0.5 | <0.05 | <0.2 | 16 | 62 | 142 | 6 |
| 94.5 | 95 | 0 | Quartz-carbonate breccia, weakly brecciated pyrite, rare galena and sphalerite. | M 170629 | 0.5 | <0.05 | <0.2 | 13 | 30 | 102 | 5 |
| 95 | 95.5 | 0 | Quartz-carbonate breccia, weakly brecciated pyrite, rare galena and sphalerite. | M 170630 | 0.5 | <0.05 | 0.9 | 40 | 599 | 1525 | 17 |
| 95.5 | 96 | 0 | Stronger brecciation, with galena and sphalerite locally abundant. | M 170631 | 0.5 | <0.05 | 1.3 | 28 | 445 | 3210 | 55 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-07

LENGTH: 277.9 M.

| From | To | %Core Loss | Comments | | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|--|---|------------|-------|-----------|-----------|-----------|-----------|-----------|-----------|
| 96 | 96.5 | 0 | Stronger brecciation, with galena and sphalerite locally abundant. | M | 170632 | 0.5 | <0.05 | <0.2 | 50 | 20 | 252 | 3 |
| 96.5 | 97 | 0 | Stronger brecciation, with galena and sphalerite locally abundant. | M | 170633 | 0.5 | <0.05 | <0.2 | 34 | 11 | 77 | 2 |
| 97 | 97.5 | 0 | Stronger brecciation, with galena and sphalerite locally abundant. | M | 170634 | 0.5 | <0.05 | <0.2 | 31 | 10 | 107 | 2 |
| 97.5 | 98 | 0 | Stronger brecciation, with galena and sphalerite locally abundant. | M | 170635 | 0.5 | <0.05 | <0.2 | 19 | 38 | 213 | 4 |
| 98 | 98.5 | 0 | Stronger brecciation, with galena and sphalerite locally abundant. | M | 170636 | 0.5 | <0.05 | 12.4 | 50 | 1120 | 741 | 235 |
| 98.5 | 99 | 0 | Stronger brecciation, with galena and sphalerite locally abundant. | M | 170637 | 0.5 | <0.05 | <0.2 | 9 | 37 | 65 | 5 |
| 99 | 99.5 | 0 | Stronger brecciation, with galena and sphalerite locally abundant. | M | 170638 | 0.5 | <0.05 | <0.2 | 12 | 52 | 53 | 7 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-07

LENGTH: 277.9 M.

| From | To | LITHOLOGY: Vein consisting mainly of quartz, sericite, pyrite and rare dolomite. H.W. vein cuts core axis at 33° and F.W. cuts core axis at 27° to core. |
|------|-------|---|
| 99.5 | 108.5 | COLOR: White quartz mottled light grey by sericite clasts and bands all overprinted by metallic pyrite. |
| | | PRIMARY STRUCTURE: Nil. |
| | | TECTONIC STRUCTURE: Nil. |
| | | GENERAL ALTERATION: |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: The vein consists of 70% white to gray drusy quartz, 15% sericite and 15% euhedral pyrite. Small and large belbs spalerite and galena scattered throughout vein material 107.0 – 108.5 best pyrite zone (30% by volume). |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 99.5 | 100 | 0 | Vein mainly quartz with sericite rare dolomite, 15% to 30% pyrite, widely scattered galena, sphalerite, tetrahedrite. | M 170639 | 0.5 | <0.05 | 0.2 | 44 | 234 | 14 | 13 |
| 100 | 100.5 | 0 | Vein mainly quartz with sericite rare dolomite, 15% to 30% pyrite, widely scattered galena, sphalerite, tetrahedrite. | M 170640 | 0.5 | <0.05 | <0.2 | 27 | 28 | 2 | 7 |
| 100.5 | 101 | 0 | Vein mainly quartz with sericite rare dolomite, 15% to 30% pyrite, widely scattered galena, sphalerite, tetrahedrite. | M 170641 | 0.5 | <0.05 | 1 | 10 | 477 | 35 | 7 |
| 101 | 101.5 | 0 | Vein mainly quartz with sericite rare dolomite, 15% to 30% pyrite, widely scattered galena, sphalerite, tetrahedrite. | M 170642 | 0.5 | <0.05 | 0.4 | 22 | 284 | 2 | 9 |
| 101.5 | 102 | 0 | Vein mainly quartz with sericite rare dolomite, 15% to 30% pyrite, widely scattered galena, sphalerite, tetrahedrite. | M 170643 | 0.5 | <0.05 | 2.2 | 31 | 1220 | 1050 | 18 |
| 102 | 102.5 | 0 | Vein mainly quartz with sericite rare dolomite, 15% to 30% pyrite, widely scattered galena, sphalerite, tetrahedrite. | M 170644 | 0.5 | <0.05 | 1.2 | 30 | 577 | 45 | 7 |
| 102.5 | 103 | 0 | Vein mainly quartz with sericite rare dolomite, 15% to 30% pyrite, widely scattered galena, sphalerite, tetrahedrite. | M 170645 | 0.5 | 0.08 | 1.1 | 63 | 303 | 13 | 14 |
| 103 | 103.5 | 0 | Vein mainly quartz with sericite rare dolomite, 15% to 30% pyrite, widely scattered galena, sphalerite, tetrahedrite. | M 170646 | 0.5 | <0.05 | 5 | 78 | 611 | 46 | 74 |
| 103.5 | 104 | 0 | Vein mainly quartz with sericite rare dolomite, 15% to 30% pyrite, widely scattered galena, sphalerite, tetrahedrite. | M 170647 | 0.5 | <0.05 | 0.2 | 20 | 152 | 13 | 8 |
| STND | | 0 | 62 P A | M 170648 | 0.5 | NSS | 20.6 | 17 | 34 | 100 | 166 |
| 104 | 104.5 | 0 | | M 170649 | 0.5 | <0.05 | <0.2 | 4 | 17 | 9 | 8 |
| 104.5 | 105 | 0 | | M 170650 | 0.5 | <0.05 | <0.2 | 25 | 13 | 8 | 12 |
| 105 | 105.5 | 0 | | M 170651 | 0.5 | <0.05 | <0.2 | 26 | 22 | 9 | 14 |
| 105.5 | 106 | 0 | | M 170652 | 0.5 | <0.05 | <0.2 | 2 | 26 | 7 | 10 |
| 106 | 106.5 | 0 | | M 170653 | 0.5 | <0.05 | 1 | 25 | 470 | 418 | 12 |
| 106.5 | 107 | 0 | | M 170654 | 0.5 | <0.05 | <0.2 | 19 | 22 | 23 | 13 |
| 107 | 107.5 | 0 | 30% pyrite | M 170655 | 0.5 | <0.05 | 0.5 | 57 | 25 | 35 | 28 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-07

LENGTH: 277.9 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 107.5 | 108 | 0 | Mainly quartz, with sericite, rare dolomite, 15 to 30% pyrite, scattered galena, sphalerite and tetrahedrite (30% pyrite). | M 170656 | 0.5 | 0.05 | 0.2 | 74 | 32 | 8 | 23 |
| 108 | 108.5 | 0 | Mainly quartz, with sericite, rare dolomite, 15 to 30% pyrite, scattered galena, sphalerite and tetrahedrite (30% pyrite). | M 170657 | 0.5 | 0.05 | 0.4 | 10 | 31 | 10 | 26 |

| From | To | LITHOLOGY: Brecciated quartzite. |
|-------|-------|---|
| 108.5 | 128.0 | COLOR: Light green. |
| | | PRIMARY STRUCTURE: Destroyed. |
| | | TECTONIC STRUCTURE: Weakly to strongly crackle brecciated, major quartz veinlets cut core at 30° and 50°. Foliation or bedding is at 43° to core axis at 110.0 meters @ 124.8-125.0 mylonite. |
| | | GENERAL ALTERATION: Quartzite are intensely silicified and sericitic. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: 108.5 – 116.5 weak brecciation is formed by thin irregular quartz dolomite veinlets. Weak pyrite mineralization occurs in veinlets. 116.5 to 123.0 Strongly brecciated, quartz veins are more abundant and range from 10 cm – 20 cm thick. Pyrite mineralization occurs weakly in the quartz veins and rarely in the host sediments. This quartz veins cut core at 50° and 30°. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 108.5 | 109 | 0 | Weakly to strongly brecciated, pyrite is weakly disseminated in quartzites. | M 170658 | 0.5 | <0.05 | <0.2 | 7 | 13 | 45 | 10 |
| 109 | 109.5 | 0 | Weakly to strongly brecciated, pyrite is weakly disseminated in quartzites. | M 170659 | 0.5 | <0.05 | <0.2 | 7 | 2 | 22 | 9 |
| 109.5 | 110 | 0 | Weakly to strongly brecciated, pyrite is weakly disseminated in quartzites. | M 170660 | 0.5 | <0.05 | <0.2 | 8 | 2 | 13 | 6 |
| 110 | 110.5 | 0 | Weakly to strongly brecciated, pyrite is weakly disseminated in quartzites. | M 170661 | 0.5 | <0.05 | <0.2 | 10 | 11 | 41 | 6 |
| 110.5 | 111.5 | 0 | Weakly to strongly brecciated, pyrite is weakly disseminated in quartzites. | M 170662 | 1 | <0.05 | <0.2 | 11 | 61 | 97 | 8 |
| 111.5 | 112.5 | 0 | Weakly to strongly brecciated, pyrite is weakly disseminated in quartzites. | M 170663 | 1 | <0.05 | <0.2 | 4 | 24 | 47 | 12 |
| 112.5 | 113.5 | 0 | Weakly to strongly brecciated, pyrite is weakly disseminated in quartzites. | M 170664 | 1 | <0.05 | <0.2 | 5 | 73 | 61 | 7 |
| 113.5 | 114.5 | 0 | Weakly to strongly brecciated, pyrite is weakly disseminated in quartzites. | M 170665 | 1 | <0.05 | <0.2 | 11 | 2 | 20 | 4 |
| 114.5 | 115.5 | 0 | Weakly to strongly brecciated, pyrite is weakly disseminated in quartzites. | M 170666 | 1 | <0.05 | <0.2 | 7 | 10 | 54 | 6 |
| STND | | 0 | 50 P | M 170667 | 1 | NSS | 2.4 | 3 | 4 | 52 | 7090 |
| 115.5 | 116.5 | 0 | Weakly to strongly brecciated, pyrite is weakly disseminated in quartzites. | M 170668 | 1 | <0.05 | <0.2 | 10 | 5 | 22 | 9 |
| 116.5 | 117 | 0 | Weakly to strongly brecciated, pyrite is weakly disseminated in quartzites. | M 170669 | 0.5 | <0.05 | <0.2 | 15 | <2 | 31 | 8 |
| 117 | 117.5 | 0 | Weakly to strongly brecciated, pyrite is weakly disseminated in quartzites. | M 170670 | 0.5 | <0.05 | <0.2 | 34 | 13 | 54 | 14 |
| 117.5 | 118 | 0 | Weakly to strongly brecciated, pyrite is weakly disseminated in quartzites. | M 170671 | 0.5 | <0.05 | <0.2 | 11 | 11 | 14 | 12 |
| 118 | 118.5 | 0 | Weakly to strongly brecciated, pyrite is weakly disseminated in quartzites. | M 170672 | 0.5 | <0.05 | <0.2 | 10 | 2 | 10 | 6 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD
HOLE #: Z-03-07
LENGTH: 277.9 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 118.5 | 119 | 0 | Weakly to strongly brecciated, pyrite is weakly disseminated in quartzites. | M 170673 | 0.5 | <0.05 | <0.2 | 34 | 7 | 28 | 6 |
| 119 | 119.5 | 0 | Weakly to strongly brecciated, pyrite is weakly disseminated in quartzites. | M 170674 | 0.5 | <0.05 | 0.3 | 29 | 27 | 69 | 21 |
| 119.5 | 120 | 0 | Weakly to strongly brecciated, pyrite is weakly disseminated in quartzites. | M 170675 | 0.5 | <0.05 | <0.2 | 10 | 8 | 58 | 9 |
| 120 | 120.5 | 0 | Weakly to strongly brecciated, pyrite is weakly disseminated in quartzites. | M 170676 | 0.5 | <0.05 | 0.4 | 38 | 54 | 51 | 22 |
| 120.5 | 121 | 0 | Weakly to strongly brecciated, pyrite is weakly disseminated in quartzites. | M 170677 | 0.5 | <0.05 | <0.2 | 6 | 7 | 17 | 9 |
| 121 | 121.5 | 0 | Weakly to strongly brecciated, pyrite is weakly disseminated in quartzites. | M 170678 | 0.5 | <0.05 | <0.2 | 7 | 5 | 15 | 7 |
| 121.5 | 122 | 0 | Weakly to strongly brecciated, pyrite is weakly disseminated in quartzites. | M 170679 | 0.5 | <0.05 | <0.2 | 13 | 4 | 15 | 7 |
| 122 | 122.5 | 0 | Weakly to strongly brecciated, pyrite is weakly disseminated in quartzites. | M 170680 | 0.5 | <0.05 | 0.2 | 13 | 31 | 85 | 13 |
| 122.5 | 123 | 0 | Weakly to strongly brecciated, pyrite is weakly disseminated in quartzites. | M 170681 | 0.5 | <0.05 | 0.2 | 15 | 27 | 32 | 15 |
| 123 | 124 | 0 | Weakly to strongly brecciated, pyrite is weakly disseminated in quartzites. | M 170682 | 1 | <0.05 | <0.2 | 9 | 5 | 46 | 5 |
| 124 | 125 | 0 | Weakly to strongly brecciated, pyrite is weakly disseminated in quartzites. | M 170683 | 1 | <0.05 | <0.2 | 2 | 2 | 36 | 6 |
| 125 | 126 | 0 | Weakly to strongly brecciated, pyrite is weakly disseminated in quartzites. | M 170684 | 1 | <0.05 | <0.2 | <2 | <2 | 20 | 4 |
| 126 | 127 | 0 | Weakly to strongly brecciated, pyrite is weakly disseminated in quartzites. | M 170685 | 1 | <0.05 | <0.2 | <2 | <2 | 11 | 4 |
| STND | | 0 | 62 P A | M 170686 | | NSS | 19.9 | 15 | 32 | 102 | 166 |
| 127 | 128 | 0 | Weakly to strongly brecciated, pyrite is weakly disseminated in quartzites. | M 170687 | 1 | <0.05 | <0.2 | <2 | 2 | 40 | 9 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-07

LENGTH: 277.9 M.

| From | To | LITHOLOGY: Phyllitic siltstone and quartzite. |
|-------|-------|---|
| 128.0 | 144.5 | COLOR: Light greenish tan, light brown and brown siltstone and quartzite. |
| | | PRIMARY STRUCTURE: Destroyed by tectonics. |
| | | TECTONIC STRUCTURE: Quartzite units are crackle brecciated and siltstone beds are weakly to strongly foliated at 38° to core axis. |
| | | GENERAL ALTERATION: Quartzite is silicified and sericitic, siltstone generally sericitic. Both the quartzite and siltstone beds are dolomitic. Locally irregular hairline fractures are lined by late chlorite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Rare pyrite mineralization. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|-----|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 128 | 129 | 0 | Quartzite - siltstone crackle brecciated rare pyrite. | M 170688 | 1 | <0.05 | <0.2 | <2 | <2 | 19 | 6 |
| 129 | 130 | 0 | Quartzite - siltstone crackle brecciated rare pyrite. | M 170689 | 1 | <0.05 | <0.2 | <2 | <2 | 46 | 8 |
| 130 | 131 | 0 | Quartzite - siltstone crackle brecciated rare pyrite. | M 170690 | 1 | <0.05 | <0.2 | <2 | <2 | 24 | 4 |
| 131 | 132 | 0 | Quartzite - siltstone crackle brecciated rare pyrite. | M 170691 | 1 | <0.05 | <0.2 | 2 | <2 | 23 | 3 |
| 132 | 133 | 0 | Quartzite - siltstone crackle brecciated rare pyrite. | M 170692 | 1 | <0.05 | <0.2 | <2 | 3 | 27 | 6 |
| 133 | 134 | 0 | Quartzite - siltstone crackle brecciated rare pyrite. | M 170693 | 1 | <0.05 | <0.2 | <2 | 3 | 24 | 9 |
| 134 | 135 | 0 | Quartzite - siltstone crackle brecciated rare pyrite. | M 170694 | 1 | <0.05 | <0.2 | <2 | <2 | 34 | 6 |
| 135 | 136 | 0 | Quartzite - siltstone crackle brecciated rare pyrite. | M 170695 | 1 | <0.05 | <0.2 | <2 | <2 | 18 | 13 |
| 136 | 137 | 0 | Quartzite - siltstone crackle brecciated rare pyrite. | M 170696 | 1 | <0.05 | <0.2 | <2 | <2 | 32 | 5 |
| 137 | 138 | 0 | Quartzite - siltstone crackle brecciated rare pyrite. | M 170697 | 1 | <0.05 | <0.2 | <2 | <2 | 28 | 3 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-07

LENGTH: 277.9 M.

| From | To | LITHOLOGY: Quartzite, with thin argillite parting. |
|-------|-------|---|
| 144.5 | 149.5 | COLOR: Purple to maroon, with late yellowish green argillite partings. |
| | | PRIMARY STRUCTURE: Thin bedded, bedding distinct and strongly distorted by tectonics at 144.5 bedding to core = 30° at 149.0 bedding to core = 22°. |
| | | TECTONIC STRUCTURE: Very weakly foliated at 30° to core. |
| | | GENERAL ALTERATION: quartzite beds are silicified, argillite beds altered to light yellowish green sericite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Nil. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | LITHOLOGY: Siltstone interbedded quartzite, minor argillite. |
|-------|-------|--|
| 149.5 | 182.3 | COLOR: Mainly light gray quartzite, with irregular yellowish green, wispy – argillite partings. |
| | | PRIMARY STRUCTURE: Destroyed by tectonics and alteration. Bedding at 181 = 25° to core axis. |
| | | TECTONIC STRUCTURE: Finely foliated throughout at generally at 35° to core axis, 149.5 to 162.0 finely crackle brecciated, and overprinted by larger quartz – dolomite veins cutting core axis at 53° |
| | | GENERAL ALTERATION: Generally strongly sericitized by fine yellowish green sericite, with scattered zones of intense silicification. Silicification is generally associated with areas of quartz filled breccia's. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Pyrite is rare, but does occur locally, as disseminations in and adjacent to quartz- dolomite veinlets. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|------------|----------|------------|-------|--------|--------|--------|--------|--------|--------|
| 175.3 | 175.8 | 0 | | M 170710 | 0.5 | 0.49 | 2.3 | 212 | 111 | 29 | 95 |

| From | To | LITHOLOGY: Silty argillite. |
|-------|-------|--|
| 182.3 | 190.8 | COLOR: Grey to purplish gray with dark purplish gray and olive gray irregular lineations. |
| | | PRIMARY STRUCTURE: Mainly very thin bedded, some thin beds, bedding is distinct, and very wavy beds are finely but wisply laminated, (current laminated). Beds are formed by small scale ripples, consisting of fine sand, silt and argillite. Bedding to core at 189.0 = 20°. |
| | | TECTONIC STRUCTURE: Nil. |
| | | GENERAL ALTERATION: Regional sericitization. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Regional sericitization. |
| | | ADDITIONAL OBSERVATIONS: |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-07

LENGTH: 277.9 M.

| From | To | LITHOLOGY: Quartzite and siltstone. |
|-------|-------|--|
| 190.8 | 197.4 | COLOR: Grey quartzite. |
| | | PRIMARY STRUCTURE: Medium to thin bedded, bedding is distinct and wavy, quartzites are medium grained. No grading evident. Bedding to core at 196.0 = 27°. |
| | | TECTONIC STRUCTURE: Nil. |
| | | GENERAL ALTERATION: regional sericitization, 191.0 – 192.0 intensely sericitized by yellowish green sericite and intensely silicified. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Nil. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | LITHOLOGY: Silty argillite, argillite and rare quartzite. |
|-------|-------|---|
| 197.4 | 246.5 | COLOR: Seds. are olive gray and gray, generally finely laminated by dark purple and maroon lineation. |
| | | PRIMARY STRUCTURE: Very thin bedded, bedding is sharp and generally wavy, beds have a lenticular form and are generally finely current laminated, argillite beds are typically marked by small lenses of dark purple to black hematitic argillite. Some of the silty argillite beds are finely cross – laminated (shallow – water ripples). Most of the beds are deformed by soft sediment deformation structures such as Ball and Pillow, de-watering and cut and fill channels. |
| | | TECTONIC STRUCTURE: Bedding to core axis at 206.0 = 27°, at 216.0 = 31°, at 224.5 = 28°, at 241.5 = 41°. |
| | | GENERAL ALTERATION: Regional sericitization, and hematitization. 208.0 – 215.5 sericitized (yellow) and silicified 220.5 to 222.5, hydro thermal alteration main yellow sericitization. Small lense like blebs of white sericite, with minor quartz and carbonate are widely scattered through this section, best developed between 216.5 – 219.8. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Rare disseminated pyrite in rare very thin quartz – carbonate veinlets associated with hydrothermal alteration at 220.8 to 222.5. SAMPLED. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 220.5 | 221.5 | 0 | Yellow sericitization with rare thin quartz - carbonate - pyrite veinlets. | M 170711 | 1 | 0.13 | <0.2 | 4 | 11 | 42 | 4 |
| 221.5 | 222.5 | 0 | Yellow sericitization with rare thin quartz - carbonate - pyrite veinlets. | M 170712 | 1 | 0.20 | <0.2 | 4 | 37 | 38 | 3 |

| From | To | LITHOLOGY: Siltstone interbedded quartzites and lessor argillites. |
|--------|-------|---|
| 246.5 | 277.9 | COLOR: Grey to light purplish grey with dark gray, dark purplish gray and light olive gray laminations. |
| END OF | HOLE | PRIMARY STRUCTURE: Medium to thin and very thin bedded, bedding is sharp and generally wavy. Generally current laminated. Laminations generally wispy and discontinuous, in some beds lamina are very closely spaced. Quartzite and siltstones are very fine grained. |
| | | TECTONIC STRUCTURE: Bedding to core axis at 268 = 35°. |
| | | GENERAL ALTERATION: Regional sericitization to silicification. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: NIL. |
| | | ADDITIONAL OBSERVATIONS: |



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To: CHAPLEAU RESOURCES
104-135 10TH AVE S
CRANBROOK BC V1C 2N1

Page # : 1
Date : 24-Jul-2003
Account: NJY

CERTIFICATE VA03025541

Project : Z-03-07 +6

P.O. No:

This report is for 34 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 14-Jul-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| PUL-21 | Pulverize entire sample |
| CRU-31 | Fine crushing - 70% <2mm |
| LOG-24 | Pulp Login - Rcd w/o Barcode |
| SCR-21 | Screen to -100 um |
| LOG-22 | Sample login - Rcd w/o BarCode |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
104-135 10TH AVE S
CRANBROOK BC V1C 2N1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Page #: 2 - A
Total # of pages : 2 (A - C)
Date : 24-Jul-2003
Account: NJY

Project : Z-03-07

CERTIFICATE OF ANALYSIS VA03025541

| | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| Sample Description | | | | | | | | | | | | | | | | |
| M170517 | Hole 6 | 0.10 | 0.83 | <0.05 | 0.84 | <0.001 | 0.53 | 63.4 | 0.84 | 0.84 | <0.2 | 0.76 | 755 | <10 | 90 | 0.6 |
| M170518 | | 1.72 | <0.05 | <0.05 | <0.05 | <0.001 | 13.23 | 1645.0 | <0.01 | <0.01 | 0.2 | 1.08 | 86 | <10 | <10 | <0.5 |
| M170519 | | 2.68 | 0.15 | 0.24 | 0.15 | 0.002 | 8.25 | 2547 | 0.15 | 0.15 | 0.3 | 0.72 | 208 | <10 | 20 | <0.5 |
| M170520 | | 2.76 | <0.05 | <0.05 | <0.05 | <0.001 | 25.28 | 2604 | <0.01 | 0.01 | <0.2 | 0.90 | 49 | <10 | 10 | <0.5 |
| M170521 | | 1.38 | <0.05 | <0.05 | <0.05 | <0.001 | 15.48 | 1303.0 | <0.01 | <0.01 | <0.2 | 1.68 | 5 | <10 | 10 | <0.5 |
| M170522 | Hole 7 | 0.98 | <0.05 | <0.05 | <0.05 | <0.001 | 3.61 | 934.9 | <0.01 | 0.01 | 0.2 | 0.96 | 90 | <10 | 10 | <0.5 |
| M170523 | | 2.46 | <0.05 | <0.05 | <0.05 | <0.001 | 13.30 | 2390 | <0.01 | <0.01 | <0.2 | 2.15 | 2 | <10 | 10 | 0.5 |
| M170524 | | 2.48 | <0.05 | <0.05 | <0.05 | <0.001 | 16.49 | 2211 | 0.02 | 0.01 | 2.2 | 3.83 | 43 | <10 | 110 | 0.5 |
| M170525 | | 2.22 | <0.05 | <0.05 | <0.05 | <0.001 | 12.38 | 1929.5 | <0.01 | <0.01 | 0.2 | 3.75 | 34 | <10 | 30 | 0.7 |
| M170526 | | 1.00 | <0.05 | <0.05 | <0.05 | <0.001 | 17.32 | 819.2 | <0.01 | <0.01 | <0.2 | 4.07 | 25 | <10 | 20 | 1.0 |
| M170527 | HOLE 7 | 2.12 | <0.05 | <0.05 | <0.05 | <0.001 | 16.47 | 1792.5 | <0.01 | <0.01 | <0.2 | 2.93 | 27 | <10 | 10 | 0.6 |
| M170528 | | 2.02 | <0.05 | <0.05 | <0.05 | <0.001 | 20.04 | 1747.5 | 0.01 | <0.01 | <0.2 | 2.50 | 18 | <10 | 10 | <0.5 |
| M170529 | | 1.80 | <0.05 | <0.05 | <0.05 | <0.001 | 16.47 | 1558.5 | 0.01 | <0.01 | 0.3 | 1.32 | 128 | <10 | 20 | <0.5 |
| M170530 | | 2.06 | <0.05 | <0.05 | <0.05 | <0.001 | 16.24 | 1748.0 | 0.01 | <0.01 | 1.4 | 0.69 | 160 | <10 | 20 | <0.5 |
| M170531 | | 1.78 | 0.11 | 0.18 | 0.11 | 0.002 | 10.93 | 1518.5 | 0.10 | 0.11 | 3.6 | 0.48 | 1355 | <10 | 40 | <0.5 |
| M170532 | HOLE 7 | 1.52 | 0.06 | <0.05 | 0.06 | <0.001 | 12.50 | 1243.0 | 0.05 | 0.07 | 5.3 | 0.33 | 2010 | <10 | 50 | <0.5 |
| M170533 | | 0.86 | <0.05 | <0.05 | <0.05 | <0.001 | 9.69 | 736.7 | 0.01 | 0.01 | 0.4 | 0.32 | 306 | <10 | 40 | <0.5 |
| M170534 | | 1.16 | <0.05 | <0.05 | <0.05 | <0.001 | 6.53 | 967.6 | 0.01 | 0.02 | 1.4 | 0.39 | 489 | <10 | 40 | <0.5 |
| M170535 | | 1.10 | <0.05 | <0.05 | <0.05 | <0.001 | 3.66 | 937.8 | 0.01 | 0.02 | 0.9 | 0.34 | 360 | <10 | 30 | <0.5 |
| M170536 | | 1.20 | <0.05 | <0.05 | <0.05 | <0.001 | 6.35 | 995.3 | <0.01 | 0.01 | 1.1 | 0.42 | 241 | <10 | 30 | <0.5 |
| M170537 | | 0.64 | <0.05 | <0.05 | <0.05 | <0.001 | 3.53 | 600.8 | <0.01 | 0.01 | 0.4 | 0.11 | 94 | <10 | 10 | <0.5 |
| M170538 | | 0.78 | <0.05 | <0.05 | <0.05 | <0.001 | 3.58 | 653.3 | <0.01 | 0.01 | 0.9 | 0.47 | 295 | <10 | 30 | <0.5 |
| M170539 | | 1.04 | <0.05 | <0.05 | <0.05 | <0.001 | 5.30 | 903.5 | <0.01 | <0.01 | 1.1 | 0.35 | 194 | <10 | 20 | <0.5 |
| M170540 | | 1.08 | <0.05 | 0.12 | <0.05 | 0.001 | 8.53 | 935.7 | 0.03 | 0.02 | 0.4 | 0.22 | 202 | <10 | 30 | <0.5 |
| M170541 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 6.61 | 6.32 | 1.3 | 2.94 | 5090 | 10 | 60 | 2.1 |
| M170542 | | 0.90 | 0.10 | <0.05 | 0.11 | <0.001 | 11.03 | 814.8 | 0.11 | 0.10 | <0.2 | 0.33 | 126 | <10 | 30 | <0.5 |
| M170543 | | 1.12 | <0.05 | <0.05 | <0.05 | <0.001 | 12.77 | 1018.0 | <0.01 | <0.01 | <0.2 | 0.65 | 37 | <10 | 30 | <0.5 |
| M170544 | | 0.86 | <0.05 | <0.05 | <0.05 | <0.001 | 6.76 | 783.4 | <0.01 | <0.01 | <0.2 | 0.51 | 25 | <10 | 30 | <0.5 |
| M170545 | | 1.12 | <0.05 | <0.05 | <0.05 | <0.001 | 13.18 | 1015.0 | <0.01 | <0.01 | <0.2 | 0.58 | 54 | <10 | 30 | <0.5 |
| M170546 | | 1.18 | <0.05 | <0.05 | <0.05 | <0.001 | 15.57 | 1080.5 | <0.01 | <0.01 | <0.2 | 0.58 | 16 | <10 | 30 | <0.5 |
| M170547 | | 1.02 | <0.05 | <0.05 | <0.05 | <0.001 | 5.60 | 945.2 | <0.01 | <0.01 | <0.2 | 0.45 | 12 | <10 | 20 | <0.5 |
| M170548 | | 1.28 | <0.05 | <0.05 | <0.05 | <0.001 | 14.42 | 1163.5 | <0.01 | <0.01 | <0.2 | 0.46 | 16 | <10 | 20 | <0.5 |
| M170549 | | 1.12 | <0.05 | <0.05 | <0.05 | <0.001 | 11.56 | 1045.5 | <0.01 | <0.01 | <0.2 | 0.51 | 16 | <10 | 30 | <0.5 |
| M170550 | | 0.94 | <0.05 | <0.05 | <0.05 | <0.001 | 8.91 | 869.5 | <0.01 | <0.01 | <0.2 | 0.38 | 28 | <10 | 20 | <0.5 |

Comments: NSS is non-sufficient sample.



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Page #: 2 - B
Total # of pages : 2 (A - C)
Date : 24-Jul-2003
Account: NJY

Project : Z-03-07

CERTIFICATE OF ANALYSIS VA03025541

| Sample Description | Method Analyte Units LOR | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 |
|--------------------|-----------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M170517 | | <2 | 0.49 | <0.5 | 4 | 62 | 37 | 3.31 | <10 | <1 | 0.28 | 20 | 0.07 | 95 | 7 | 0.03 |
| M170518 | | <2 | 4.83 | 1.9 | 38 | 55 | 194 | 7.54 | 10 | <1 | 0.06 | 10 | 2.85 | 1455 | <1 | 0.05 |
| M170519 | | <2 | 4.05 | 1.5 | 39 | 32 | 92 | 8.45 | <10 | <1 | 0.22 | <10 | 2.59 | 2100 | <1 | 0.03 |
| M170520 | | <2 | 4.11 | 2.0 | 35 | 42 | 180 | 7.73 | 10 | 1 | 0.07 | <10 | 2.73 | 1510 | <1 | 0.04 |
| M170521 | | <2 | 3.73 | 1.8 | 39 | 79 | 181 | 8.26 | 10 | <1 | 0.04 | 10 | 2.83 | 1480 | <1 | 0.06 |
| M170522 | | <2 | 3.92 | 2.2 | 37 | 39 | 145 | 7.71 | 10 | 1 | 0.15 | <10 | 2.65 | 1340 | <1 | 0.05 |
| M170523 | | <2 | 4.36 | 1.1 | 39 | 83 | 187 | 7.67 | 10 | <1 | 0.01 | 10 | 2.93 | 1485 | <1 | 0.04 |
| M170524 | | 2 | 0.38 | 1.2 | 47 | 91 | 245 | 10.45 | 20 | 1 | 0.02 | 10 | 2.73 | 1410 | <1 | 0.02 |
| M170525 | | <2 | 0.25 | 1.5 | 47 | 78 | 260 | 9.98 | 10 | <1 | 0.04 | 10 | 2.45 | 1415 | <1 | 0.03 |
| M170526 | | <2 | 0.35 | 1.1 | 50 | 74 | 325 | 9.46 | 10 | <1 | 0.05 | 10 | 2.53 | 1400 | <1 | 0.03 |
| M170527 | | 2 | 0.18 | <0.5 | 51 | 82 | 266 | 10.35 | 10 | <1 | 0.04 | 10 | 1.67 | 2130 | <1 | 0.04 |
| M170528 | | 2 | 0.83 | <0.5 | 49 | 92 | 226 | 10.35 | 20 | <1 | 0.02 | 10 | 1.53 | 1785 | <1 | 0.05 |
| M170529 | | <2 | 1.05 | 1.8 | 49 | 51 | 248 | 10.05 | 10 | 1 | 0.07 | 10 | 0.92 | 1825 | <1 | 0.06 |
| M170530 | | <2 | 0.05 | 1.8 | 57 | 20 | 184 | 11.05 | <10 | <1 | 0.14 | <10 | 0.20 | 2080 | <1 | 0.05 |
| M170531 | | <2 | 0.13 | 2.7 | 62 | 14 | 190 | 11.20 | <10 | <1 | 0.21 | 10 | 0.12 | 3410 | <1 | 0.02 |
| M170532 | | 2 | 0.05 | 3.5 | 56 | 3 | 289 | 11.30 | <10 | <1 | 0.18 | 10 | 0.09 | 2350 | <1 | 0.01 |
| M170533 | | <2 | 0.02 | 1.0 | 34 | 13 | 174 | 9.79 | <10 | <1 | 0.18 | 10 | 0.11 | 1410 | <1 | 0.01 |
| M170534 | | <2 | 0.02 | 2.6 | 54 | 15 | 273 | 11.65 | <10 | 2 | 0.21 | 10 | 0.12 | 1300 | <1 | 0.01 |
| M170535 | | <2 | 0.02 | 1.6 | 59 | 14 | 287 | 10.55 | <10 | 1 | 0.19 | 10 | 0.11 | 1220 | <1 | 0.01 |
| M170536 | | <2 | 0.02 | 1.5 | 58 | 16 | 222 | 11.65 | <10 | 1 | 0.22 | 10 | 0.12 | 1415 | <1 | 0.01 |
| M170537 | | <2 | 0.01 | <0.5 | 12 | 9 | 15 | 3.18 | <10 | <1 | 0.07 | <10 | 0.02 | 149 | <1 | <0.01 |
| M170538 | | <2 | 0.02 | 2.4 | 61 | 23 | 345 | 12.80 | <10 | 1 | 0.26 | 10 | 0.13 | 1530 | <1 | 0.01 |
| M170539 | | <2 | 0.02 | <0.5 | 40 | 15 | 194 | 9.98 | <10 | 1 | 0.20 | 10 | 0.10 | 1035 | <1 | 0.01 |
| M170540 | | <2 | 0.02 | <0.5 | 10 | 6 | 13 | 4.01 | <10 | <1 | 0.15 | 10 | 0.04 | 711 | <1 | 0.01 |
| M170541 | | 3 | 0.80 | 0.5 | 22 | 277 | 68 | 4.16 | 10 | <1 | 1.02 | 30 | 1.12 | 1245 | 1 | 0.12 |
| M170542 | | <2 | 0.01 | <0.5 | 10 | 5 | 9 | 3.03 | <10 | <1 | 0.22 | 20 | 0.05 | 1035 | <1 | 0.01 |
| M170543 | | <2 | 0.01 | <0.5 | 8 | 5 | 1 | 2.74 | <10 | <1 | 0.28 | 30 | 0.06 | 164 | <1 | 0.02 |
| M170544 | | <2 | 0.01 | <0.5 | 5 | 4 | 2 | 2.29 | <10 | <1 | 0.19 | 50 | 0.04 | 172 | <1 | 0.03 |
| M170545 | | <2 | 0.01 | <0.5 | 10 | 4 | 4 | 2.92 | <10 | 1 | 0.25 | 40 | 0.06 | 233 | <1 | 0.02 |
| M170546 | | <2 | 0.23 | <0.5 | 7 | 4 | 1 | 2.14 | <10 | <1 | 0.26 | 30 | 0.06 | 124 | <1 | 0.02 |
| M170547 | | <2 | 0.03 | <0.5 | 10 | 3 | 2 | 1.94 | <10 | 1 | 0.21 | 20 | 0.04 | 148 | <1 | 0.02 |
| M170548 | | <2 | 0.02 | <0.5 | 10 | 3 | 1 | 2.47 | <10 | <1 | 0.20 | 30 | 0.06 | 120 | <1 | 0.02 |
| M170549 | | <2 | 0.03 | <0.5 | 7 | 4 | 1 | 2.09 | <10 | <1 | 0.24 | 30 | 0.06 | 140 | <1 | 0.02 |
| M170550 | | <2 | 0.03 | <0.5 | 7 | 3 | 6 | 1.72 | <10 | <1 | 0.15 | 30 | 0.05 | 116 | <1 | 0.02 |

Comments: NSS is non-sufficient sample.



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Page #: 2 - C
Total # of pages : 2 (A - C)
Date : 24-Jul-2003
Account: NJY

Project : Z-03-07

CERTIFICATE OF ANALYSIS VA03025541

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|----------------|---------------|----------------|----------------|
| | | Ni ppm 1 | P ppm 10 | Pb ppm 2 | S % 0.01 | Sb ppm 2 | Sc ppm 1 | Sr ppm 1 | Ti % 0.01 | Ti ppm 10 | U ppm 10 | V ppm 1 | W ppm 10 | Zn ppm 2 |
| M170517 | | 21 | 220 | 35 | 0.01 | 50 | 4 | 33 | 0.01 | <10 | <10 | 13 | <10 | 1430 |
| M170518 | | 47 | 1080 | 10 | 0.12 | <2 | 25 | 124 | 0.01 | <10 | <10 | 88 | 10 | 72 |
| M170519 | | 50 | 1100 | 23 | 2.67 | <2 | 21 | 108 | <0.01 | <10 | <10 | 41 | 10 | 53 |
| M170520 | | 46 | 1040 | 5 | 0.16 | <2 | 26 | 104 | 0.01 | <10 | <10 | 71 | <10 | 71 |
| M170521 | | 52 | 1140 | 2 | 0.17 | <2 | 28 | 122 | 0.01 | <10 | <10 | 149 | <10 | 93 |
| M170522 | | 48 | 1200 | 3 | 1.43 | <2 | 24 | 129 | 0.01 | <10 | <10 | 79 | <10 | 70 |
| M170523 | | 49 | 1160 | 2 | 0.10 | <2 | 27 | 130 | 0.01 | <10 | <10 | 198 | <10 | 95 |
| M170524 | | 63 | 1300 | 5 | 0.01 | 4 | 35 | 10 | 0.01 | <10 | <10 | 227 | 10 | 142 |
| M170525 | | 68 | 1320 | 4 | <0.01 | <2 | 36 | 13 | 0.01 | <10 | <10 | 178 | <10 | 163 |
| M170526 | | 68 | 1340 | 3 | <0.01 | 2 | 36 | 18 | 0.01 | <10 | <10 | 161 | <10 | 148 |
| M170527 | | 65 | 1360 | 4 | <0.01 | <2 | 39 | 16 | 0.01 | <10 | <10 | 185 | <10 | 108 |
| M170528 | | 63 | 1290 | 8 | 0.01 | <2 | 36 | 18 | 0.02 | <10 | <10 | 218 | <10 | 102 |
| M170529 | | 63 | 1320 | 11 | 0.02 | 16 | 33 | 21 | 0.01 | <10 | <10 | 116 | <10 | 192 |
| M170530 | | 76 | 1220 | 7 | <0.01 | 29 | 36 | 9 | 0.01 | <10 | <10 | 42 | <10 | 116 |
| M170531 | | 75 | 970 | 24 | 0.01 | 28 | 31 | 11 | 0.01 | <10 | <10 | 32 | 10 | 94 |
| M170532 | | 36 | 1080 | 24 | <0.01 | 51 | 24 | 6 | 0.01 | <10 | <10 | 30 | 10 | 108 |
| M170533 | | 58 | 1260 | 9 | <0.01 | 24 | 19 | 3 | 0.01 | <10 | <10 | 24 | 10 | 80 |
| M170534 | | 65 | 1430 | 14 | 0.01 | 52 | 25 | 4 | 0.01 | <10 | <10 | 29 | 10 | 108 |
| M170535 | | 56 | 1240 | 24 | <0.01 | 43 | 23 | 3 | 0.01 | <10 | <10 | 25 | 10 | 89 |
| M170536 | | 73 | 1420 | 19 | <0.01 | 17 | 27 | 4 | 0.01 | <10 | <10 | 28 | 10 | 95 |
| M170537 | | 12 | 120 | 12 | <0.01 | <2 | 3 | 1 | <0.01 | <10 | <10 | 6 | 10 | 8 |
| M170538 | | 71 | 1600 | 24 | <0.01 | 37 | 25 | 5 | 0.01 | <10 | <10 | 37 | 10 | 98 |
| M170539 | | 55 | 1260 | 10 | <0.01 | 32 | 18 | 3 | 0.01 | <10 | <10 | 25 | 10 | 71 |
| M170540 | | 13 | 300 | 9 | 0.01 | 2 | 3 | 3 | <0.01 | <10 | <10 | 9 | <10 | 28 |
| M170541 | | 152 | 270 | 25 | 0.59 | 5 | 9 | 65 | 0.18 | <10 | <10 | 59 | 10 | 96 |
| M170542 | | 13 | 280 | 7 | <0.01 | 2 | 2 | 3 | <0.01 | <10 | <10 | 6 | 10 | 28 |
| M170543 | | 18 | 220 | 4 | <0.01 | <2 | 3 | 3 | <0.01 | <10 | <10 | 6 | <10 | 29 |
| M170544 | | 14 | 150 | 5 | <0.01 | <2 | 3 | 4 | <0.01 | <10 | <10 | 4 | <10 | 21 |
| M170545 | | 19 | 180 | 4 | <0.01 | <2 | 3 | 3 | <0.01 | <10 | <10 | 5 | <10 | 24 |
| M170546 | | 15 | 1140 | 2 | <0.01 | <2 | 2 | 6 | <0.01 | <10 | <10 | 5 | <10 | 18 |
| M170547 | | 12 | 260 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 4 | <10 | 14 |
| M170548 | | 16 | 250 | <2 | <0.01 | <2 | 2 | 3 | <0.01 | <10 | <10 | 4 | <10 | 20 |
| M170549 | | 12 | 260 | <2 | <0.01 | <2 | 2 | 3 | <0.01 | <10 | <10 | 4 | <10 | 16 |
| M170550 | | 9 | 270 | 7 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 13 |

Comments: NSS is non-sufficient sample.



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CRANBROOK BC V1C 2N1

Page # : 1
Date : 25-Jul-2003
Account: NJY

CERTIFICATE VA03025972

Project : Z-03-07

P.O. No:

This report is for 161 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 15-Jul-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-21 | Crush entire sample 70% < 6 mm |
| PUL-21 | Pulverize entire sample |
| LOG-24 | Pulp Login - Rcd w/o Barcode |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Project : Z-03-07

CERTIFICATE OF ANALYSIS VA03025972

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25 Au Check ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|------------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M170551 | | 0.10 | 0.80 | <0.05 | 0.81 | <0.001 | 0.07 | 57.6 | 0.78 | | 0.83 | <0.2 | 0.71 | 719 | <10 | 80 |
| M170552 | | 2.12 | <0.05 | <0.05 | <0.05 | <0.001 | 23.49 | 1981.0 | 0.02 | | <0.01 | <0.2 | 0.29 | 18 | <10 | 20 |
| M170553 | | 2.10 | <0.05 | <0.05 | <0.05 | <0.001 | 17.63 | 1942.0 | <0.01 | | <0.01 | <0.2 | 0.44 | 19 | <10 | 30 |
| M170554 | | 2.34 | <0.05 | <0.05 | <0.05 | <0.001 | 19.69 | 2130 | <0.01 | | 0.01 | <0.2 | 0.35 | 60 | <10 | 30 |
| M170555 | | 2.66 | <0.05 | <0.05 | <0.05 | <0.001 | 27.18 | 2491 | <0.01 | | <0.01 | <0.2 | 0.32 | 45 | <10 | 30 |
| M170556 | | 1.44 | <0.05 | <0.05 | <0.05 | <0.001 | 23.02 | 1322.0 | <0.01 | | <0.01 | <0.2 | 0.38 | 129 | <10 | 30 |
| M170557 | | 1.74 | <0.05 | <0.05 | <0.05 | <0.001 | 23.74 | 1586.0 | <0.01 | | <0.01 | <0.2 | 0.55 | 68 | <10 | 40 |
| M170558 | | 2.96 | <0.05 | <0.05 | <0.05 | <0.001 | 25.96 | 2801 | <0.01 | | <0.01 | <0.2 | 0.35 | 29 | <10 | 30 |
| M170559 | | 2.28 | <0.05 | <0.05 | <0.05 | <0.001 | 10.55 | 1591.5 | <0.01 | | <0.01 | <0.2 | 0.50 | 28 | <10 | 50 |
| M170560 | | 2.50 | <0.05 | <0.05 | <0.05 | <0.001 | 52.49 | 2258 | <0.01 | | <0.01 | <0.2 | 0.41 | 49 | <10 | 40 |
| M170561 | | 2.04 | <0.05 | <0.05 | <0.05 | <0.001 | 37.76 | 1924.5 | <0.01 | | <0.01 | <0.2 | 0.38 | 55 | <10 | 40 |
| M170562 | | 2.22 | <0.05 | <0.05 | <0.05 | <0.001 | 3.50 | 2137 | <0.01 | | <0.01 | <0.2 | 0.38 | 8 | <10 | 40 |
| M170563 | | 2.14 | <0.05 | <0.05 | <0.05 | <0.001 | 45.99 | 2002 | 0.01 | | <0.01 | <0.2 | 0.31 | 24 | <10 | 40 |
| M170564 | | 2.32 | <0.05 | <0.05 | <0.05 | <0.001 | 44.84 | 2115 | <0.01 | | <0.01 | <0.2 | 0.31 | 19 | <10 | 30 |
| M170565 | | 2.30 | <0.05 | <0.05 | <0.05 | <0.001 | 26.63 | 2134 | <0.01 | | <0.01 | <0.2 | 0.41 | 19 | <10 | 40 |
| M170566 | | 2.32 | <0.05 | <0.05 | <0.05 | <0.001 | 30.94 | 2168 | <0.01 | | <0.01 | <0.2 | 0.35 | 21 | <10 | 40 |
| M170567 | | 2.20 | <0.05 | <0.05 | <0.05 | <0.001 | 9.21 | 2038 | <0.01 | | <0.01 | <0.2 | 0.26 | 18 | <10 | 30 |
| M170568 | | 2.40 | <0.05 | <0.05 | <0.05 | <0.001 | 17.15 | 2163 | <0.01 | | <0.01 | <0.2 | 0.31 | 16 | <10 | 30 |
| M170569 | | 2.80 | <0.05 | <0.05 | <0.05 | <0.001 | 11.29 | 2615 | <0.01 | | <0.01 | <0.2 | 0.36 | 9 | <10 | 40 |
| M170570 | | 2.06 | <0.05 | <0.05 | <0.05 | <0.001 | 7.59 | 1952.5 | <0.01 | | <0.01 | <0.2 | 0.36 | 10 | <10 | 40 |
| M170571 | | 4.52 | <0.05 | <0.05 | <0.05 | <0.001 | 31.32 | 2959 | <0.01 | | <0.01 | <0.2 | 0.40 | 10 | <10 | 30 |
| M170572 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 6.70 | | 6.76 | 1.6 | 3.20 | 5210 | 10 | 60 |
| M170573 | | 2.64 | <0.05 | <0.05 | <0.05 | <0.001 | 39.28 | 2491 | <0.01 | | <0.01 | <0.2 | 0.44 | 31 | <10 | 40 |
| M170574 | | 2.66 | <0.05 | <0.05 | <0.05 | <0.001 | 43.01 | 2492 | 0.02 | | <0.01 | <0.2 | 0.37 | 8 | <10 | 30 |
| M170575 | | 1.70 | <0.05 | <0.05 | <0.05 | <0.001 | 42.84 | 1559.0 | <0.01 | | <0.01 | <0.2 | 0.31 | 4 | <10 | 20 |
| M170576 | | 3.22 | <0.05 | <0.05 | <0.05 | <0.001 | 43.16 | 2972 | <0.01 | | <0.01 | <0.2 | 0.31 | 5 | <10 | 30 |
| M170577 | | 2.50 | <0.05 | <0.05 | <0.05 | <0.001 | 36.42 | 2464 | <0.01 | | <0.01 | <0.2 | 0.38 | 4 | <10 | 30 |
| M170578 | | 2.34 | <0.05 | <0.05 | <0.05 | <0.001 | 39.36 | 2213 | <0.01 | | <0.01 | <0.2 | 0.22 | 2 | <10 | 20 |
| M170579 | | 2.42 | <0.05 | <0.05 | <0.05 | <0.001 | 32.98 | 2230 | <0.01 | | <0.01 | <0.2 | 0.44 | 13 | <10 | 40 |
| M170580 | | 2.88 | <0.05 | <0.05 | <0.05 | <0.001 | 26.93 | 2726 | <0.01 | | <0.01 | <0.2 | 0.38 | 8 | <10 | 30 |
| M170581 | | 2.46 | <0.05 | <0.05 | <0.05 | <0.001 | 30.01 | 2333 | <0.01 | | <0.01 | <0.2 | 0.35 | 10 | <10 | 30 |
| M170582 | | 2.00 | <0.05 | <0.05 | <0.05 | <0.001 | 26.91 | 1860.5 | <0.01 | | <0.01 | <0.2 | 0.25 | 10 | <10 | 30 |
| M170583 | | 3.32 | <0.05 | <0.05 | <0.05 | <0.001 | 29.45 | 3180 | 0.01 | | <0.01 | 0.2 | 0.30 | 16 | <10 | 30 |
| M170584 | | 2.18 | <0.05 | <0.05 | <0.05 | <0.001 | 33.21 | 2036 | <0.01 | | <0.01 | <0.2 | 0.53 | 13 | <10 | 40 |
| M170585 | | 2.76 | <0.05 | <0.05 | <0.05 | <0.001 | 4.56 | 1021.0 | <0.01 | | <0.01 | <0.2 | 0.43 | 8 | <10 | 30 |
| M170586 | | 2.70 | <0.05 | <0.05 | <0.05 | <0.001 | 5.51 | 999.5 | <0.01 | | <0.01 | <0.2 | 0.53 | 9 | <10 | 20 |
| M170587 | | 1.86 | <0.05 | <0.05 | <0.05 | <0.001 | 28.67 | 1734.0 | <0.01 | | 0.01 | <0.2 | 1.39 | 24 | 10 | 20 |
| M170588 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 6.84 | | 6.56 | 1.5 | 3.15 | 5080 | <10 | 60 |
| M170589 | | 2.28 | <0.05 | <0.05 | <0.05 | <0.001 | 28.71 | 2149 | <0.01 | | 0.01 | <0.2 | 0.44 | 62 | 10 | 20 |
| M170590 | | 3.14 | <0.05 | <0.05 | <0.05 | <0.001 | 31.16 | 2979 | <0.01 | | 0.01 | <0.2 | 0.54 | 32 | <10 | 20 |

Comments: NSS is non-sufficient sample.



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Page #: 3 - A
Total # of pages : 6 (A - C)
Date : 25-Jul-2003
Account: NJY

Project : Z-03-07

CERTIFICATE OF ANALYSIS VA03025972

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25 Au Check ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|------------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M170591 | | 2.12 | <0.05 | <0.05 | <0.05 | <0.001 | 31.03 | 1988.5 | <0.01 | | <0.01 | <0.2 | 0.63 | 20 | <10 | 20 |
| M170592 | | 2.34 | <0.05 | <0.05 | <0.05 | <0.001 | 32.09 | 2166 | <0.01 | | <0.01 | <0.2 | 0.50 | 35 | <10 | 20 |
| M170593 | | 2.36 | <0.05 | <0.05 | <0.05 | <0.001 | 33.79 | 2233 | <0.01 | | <0.01 | <0.2 | 0.39 | 8 | <10 | 30 |
| M170594 | | 2.24 | <0.05 | <0.05 | <0.05 | <0.001 | 31.39 | 2115 | <0.01 | | <0.01 | <0.2 | 0.35 | 2 | <10 | 20 |
| M170595 | | 2.32 | <0.05 | <0.05 | <0.05 | <0.001 | 33.15 | 2189 | <0.01 | | <0.01 | <0.2 | 0.42 | 2 | <10 | 20 |
| M170596 | | 2.52 | <0.05 | <0.05 | <0.05 | <0.001 | 25.38 | 2405 | <0.01 | | <0.01 | <0.2 | 0.73 | 3 | <10 | 20 |
| M170597 | | 2.12 | <0.05 | <0.05 | <0.05 | <0.001 | 37.11 | 1996.5 | <0.01 | | <0.01 | <0.2 | 0.39 | 5 | <10 | 20 |
| M170598 | | 2.04 | <0.05 | <0.05 | <0.05 | <0.001 | 34.50 | 1855.0 | 0.01 | | <0.01 | <0.2 | 0.52 | 6 | <10 | 30 |
| M170599 | | 1.58 | 0.07 | <0.05 | 0.08 | <0.001 | 32.08 | 1439.0 | 0.08 | | 0.07 | 0.6 | 0.58 | 7 | <10 | 30 |
| M170600 | | 2.40 | <0.05 | <0.05 | <0.05 | <0.001 | 25.90 | 2225 | 0.01 | | <0.01 | <0.2 | 0.43 | 5 | <10 | 20 |
| M170601 | | 0.50 | <0.05 | <0.05 | <0.05 | <0.001 | 15.11 | 437.3 | 0.03 | | 0.02 | 0.2 | 0.73 | 4 | <10 | 40 |
| M170602 | | 1.22 | <0.05 | <0.05 | <0.05 | <0.001 | 23.55 | 1091.5 | 0.03 | | 0.02 | 0.3 | 0.32 | 5 | <10 | 30 |
| M170603 | | 2.26 | <0.05 | <0.05 | <0.05 | <0.001 | 42.15 | 2099 | <0.01 | | <0.01 | <0.2 | 0.44 | 3 | <10 | 20 |
| M170604 | | 2.52 | <0.05 | <0.05 | <0.05 | <0.001 | 32.59 | 2349 | <0.01 | | 0.01 | <0.2 | 0.47 | 6 | <10 | 30 |
| M170605 | | 2.42 | <0.05 | <0.05 | <0.05 | <0.001 | 26.20 | 2185 | <0.01 | | <0.01 | <0.2 | 0.47 | 4 | <10 | 30 |
| M170606 | | 2.72 | <0.05 | <0.05 | <0.05 | <0.001 | 44.81 | 2515 | <0.01 | | <0.01 | <0.2 | 0.49 | 5 | <10 | 40 |
| M170607 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 6.58 | | 6.85 | 1.7 | 3.20 | 5180 | 10 | 60 |
| M170608 | | 2.42 | <0.05 | <0.05 | <0.05 | <0.001 | 37.02 | 2533 | 0.01 | | <0.01 | <0.2 | 0.44 | 20 | <10 | 30 |
| M170609 | | 2.48 | <0.05 | <0.05 | <0.05 | <0.001 | 41.62 | 2289 | <0.01 | | <0.01 | 0.2 | 0.51 | 29 | <10 | 40 |
| M170610 | | 2.72 | <0.05 | <0.05 | <0.05 | <0.001 | 39.01 | 2336 | 0.01 | | 0.01 | 0.2 | 0.48 | 20 | <10 | 40 |
| M170611 | | 1.96 | <0.05 | <0.05 | <0.05 | <0.001 | 38.79 | 1796.0 | <0.01 | | <0.01 | <0.2 | 0.45 | 11 | <10 | 30 |
| M170612 | | 2.80 | <0.05 | <0.05 | <0.05 | <0.001 | 49.17 | 2626 | <0.01 | | <0.01 | 0.3 | 0.48 | 22 | <10 | 40 |
| M170613 | | 3.06 | <0.05 | <0.05 | <0.05 | <0.001 | 41.34 | 2877 | 0.01 | | <0.01 | 0.3 | 0.44 | 24 | <10 | 40 |
| M170614 | | 2.28 | <0.05 | <0.05 | <0.05 | <0.001 | 34.44 | 2151 | <0.01 | | <0.01 | <0.2 | 0.58 | 12 | <10 | 50 |
| M170615 | | 2.32 | <0.05 | <0.05 | <0.05 | <0.001 | 11.47 | 2215 | <0.01 | | <0.01 | <0.2 | 0.49 | 20 | <10 | 40 |
| M170616 | | 2.78 | <0.05 | <0.05 | <0.05 | <0.001 | 24.65 | 2676 | <0.01 | | <0.01 | <0.2 | 0.43 | 17 | <10 | 40 |
| M170617 | | 1.92 | <0.05 | <0.05 | <0.05 | <0.001 | 30.90 | 1770.5 | <0.01 | | <0.01 | <0.2 | 0.50 | 17 | <10 | 40 |
| M170618 | | 2.36 | <0.05 | <0.05 | <0.05 | <0.001 | 16.37 | 2253 | <0.01 | | <0.01 | <0.2 | 0.52 | 8 | <10 | 40 |
| M170619 | | 3.54 | <0.05 | <0.05 | <0.05 | <0.001 | 26.17 | 3366 | 0.01 | | 0.01 | <0.2 | 0.43 | 12 | <10 | 20 |
| M170620 | | 1.34 | <0.05 | <0.05 | <0.05 | <0.001 | 10.83 | 1267.0 | 0.02 | | 0.01 | <0.2 | 0.44 | 14 | <10 | 20 |
| M170621 | | 1.56 | <0.05 | <0.05 | <0.05 | <0.001 | 13.52 | 1444.0 | 0.01 | | 0.01 | <0.2 | 0.41 | 31 | <10 | 20 |
| M170622 | | 1.10 | <0.05 | <0.05 | <0.05 | <0.001 | 8.99 | 1006.5 | 0.01 | | 0.01 | <0.2 | 0.49 | 19 | <10 | 20 |
| M170623 | | 1.64 | 0.08 | 1.40 | 0.08 | 0.016 | 11.42 | 1543.0 | 0.06 | | 0.09 | 0.7 | 0.31 | 23 | <10 | 10 |
| M170624 | | 1.20 | <0.05 | <0.05 | <0.05 | <0.001 | 13.46 | 1127.0 | 0.01 | | 0.01 | <0.2 | 0.40 | 13 | <10 | 20 |
| M170625 | | 1.18 | <0.05 | <0.05 | <0.05 | <0.001 | 7.79 | 1110.5 | <0.01 | | 0.01 | 0.4 | 0.36 | 19 | <10 | 20 |
| M170626 | | 1.60 | <0.05 | <0.05 | <0.05 | <0.001 | 19.50 | 1508.5 | <0.01 | | <0.01 | <0.2 | 0.34 | 7 | <10 | 20 |
| M170627 | | 1.26 | <0.05 | <0.05 | <0.05 | <0.001 | 7.57 | 1199.5 | <0.01 | | 0.01 | 0.2 | 0.31 | 6 | <10 | 20 |
| M170627A | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 6.67 | | 6.59 | 1.7 | 3.40 | 5280 | 10 | 70 |
| M170628 | | 1.16 | <0.05 | <0.05 | <0.05 | <0.001 | 6.56 | 1081.5 | <0.01 | | <0.01 | <0.2 | 0.36 | 16 | <10 | 30 |
| M170629 | | 1.14 | <0.05 | <0.05 | <0.05 | <0.001 | 5.75 | 1070.5 | 0.01 | | 0.02 | <0.2 | 0.41 | 13 | <10 | 30 |

Comments: NSS is non-sufficient sample.



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Page #: 4 - A
Total # of pages: 6 (A - C)
Date: 25-Jul-2003
Account: NJY

Project: Z-03-07

CERTIFICATE OF ANALYSIS VA03025972

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25 Au Check ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|------------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M170630 | | 1.60 | <0.05 | <0.05 | <0.05 | 0.001 | 28.48 | 1506.5 | 0.03 | | 0.05 | 0.9 | 0.44 | 40 | <10 | 30 |
| M170631 | | 1.18 | <0.05 | <0.05 | <0.05 | <0.001 | 13.99 | 1102.0 | 0.04 | | 0.03 | 1.3 | 0.45 | 28 | <10 | 30 |
| M170632 | | 1.26 | <0.05 | <0.05 | <0.05 | <0.001 | 9.62 | 1171.5 | 0.01 | | 0.01 | <0.2 | 0.48 | 50 | <10 | 30 |
| M170633 | | 1.04 | <0.05 | <0.05 | <0.05 | <0.001 | 7.20 | 975.9 | 0.01 | | <0.01 | <0.2 | 0.58 | 34 | <10 | 40 |
| M170634 | | 1.38 | <0.05 | <0.05 | <0.05 | <0.001 | 16.67 | 1277.5 | <0.01 | | <0.01 | <0.2 | 0.32 | 31 | <10 | 20 |
| M170635 | | 1.46 | <0.05 | <0.05 | <0.05 | <0.001 | 30.24 | 1352.0 | 0.01 | | <0.01 | <0.2 | 0.45 | 19 | <10 | 30 |
| M170636 | | 1.26 | <0.05 | <0.05 | <0.05 | <0.001 | 19.10 | 1161.0 | 0.03 | | 0.01 | 12.4 | 0.55 | 50 | <10 | 30 |
| M170637 | | 1.54 | <0.05 | <0.05 | <0.05 | <0.001 | 21.70 | 1446.0 | <0.01 | | <0.01 | <0.2 | 0.39 | 9 | <10 | 30 |
| M170638 | | 1.16 | <0.05 | <0.05 | <0.05 | <0.001 | 29.55 | 1067.5 | 0.01 | | <0.01 | <0.2 | 0.32 | 12 | <10 | 20 |
| M170639 | | 1.22 | <0.05 | <0.05 | <0.05 | <0.001 | 25.33 | 1111.5 | 0.01 | | 0.01 | 0.2 | 0.11 | 44 | <10 | 10 |
| M170640 | | 1.16 | <0.05 | <0.05 | <0.05 | <0.001 | 25.51 | 1060.0 | 0.02 | | 0.01 | <0.2 | 0.07 | 27 | <10 | <10 |
| M170641 | | 1.18 | <0.05 | <0.05 | <0.05 | <0.001 | 40.00 | 1074.0 | 0.01 | | 0.01 | 1.0 | 0.05 | 10 | <10 | <10 |
| M170642 | | 1.02 | <0.05 | <0.05 | <0.05 | <0.001 | 18.07 | 947.3 | <0.01 | | <0.01 | 0.4 | 0.14 | 22 | <10 | 10 |
| M170643 | | 1.26 | <0.05 | <0.05 | <0.05 | <0.001 | 39.70 | 1171.0 | 0.02 | | 0.02 | 2.2 | 0.12 | 31 | <10 | <10 |
| M170644 | | 1.94 | <0.05 | <0.05 | <0.05 | <0.001 | 28.87 | 1827.5 | 0.02 | | 0.01 | 1.2 | 0.06 | 30 | <10 | <10 |
| M170645 | | 1.52 | 0.08 | <0.05 | 0.08 | <0.001 | 21.27 | 1437.5 | 0.03 | 0.02 | 0.18 | 1.1 | 0.05 | 63 | <10 | <10 |
| M170646 | | 0.80 | <0.05 | 0.13 | <0.05 | 0.002 | 15.17 | 732.2 | 0.03 | | 0.03 | 5.0 | 0.14 | 78 | <10 | 10 |
| M170647 | | 1.30 | <0.05 | <0.05 | <0.05 | <0.001 | 12.32 | 1237.0 | 0.02 | | 0.02 | 0.2 | 0.13 | 20 | <10 | <10 |
| M170648 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 9.43 | | 9.86 | 20.6 | 1.92 | 17 | <10 | 90 |
| M170649 | | 1.18 | <0.05 | <0.05 | <0.05 | <0.001 | 16.32 | 1097.5 | 0.01 | | 0.01 | <0.2 | 0.10 | 4 | <10 | <10 |
| M170650 | | 1.42 | <0.05 | <0.05 | <0.05 | <0.001 | 14.02 | 1328.5 | <0.01 | | <0.01 | <0.2 | 0.22 | 25 | <10 | 10 |
| M170651 | | 0.90 | <0.05 | <0.05 | <0.05 | <0.001 | 9.75 | 837.8 | 0.01 | | <0.01 | <0.2 | 0.30 | 26 | <10 | 10 |
| M170652 | | 0.90 | <0.05 | <0.05 | <0.05 | <0.001 | 4.81 | 828.6 | <0.01 | | <0.01 | <0.2 | 0.26 | 2 | <10 | 10 |
| M170653 | | 1.38 | <0.05 | <0.05 | <0.05 | <0.001 | 7.95 | 1322.0 | <0.01 | | <0.01 | 1.0 | 0.34 | 25 | <10 | 20 |
| M170654 | | 1.38 | <0.05 | <0.05 | <0.05 | <0.001 | 15.26 | 1297.5 | 0.01 | | <0.01 | <0.2 | 0.34 | 19 | <10 | 10 |
| M170655 | | 1.50 | <0.05 | <0.05 | <0.05 | <0.001 | 15.10 | 1367.5 | 0.02 | | 0.02 | 0.5 | 0.25 | 57 | <10 | 10 |
| M170656 | | 1.28 | 0.05 | <0.05 | 0.05 | <0.001 | 14.22 | 1174.0 | 0.05 | | 0.05 | 0.2 | 0.15 | 74 | <10 | 10 |
| M170657 | | 1.22 | 0.05 | <0.05 | 0.05 | <0.001 | 7.36 | 1118.5 | 0.03 | | 0.07 | 0.4 | 0.15 | 10 | <10 | 10 |
| M170658 | | 1.26 | <0.05 | <0.05 | <0.05 | <0.001 | 13.83 | 1133.5 | <0.01 | | <0.01 | <0.2 | 0.37 | 7 | <10 | 20 |
| M170659 | | 1.28 | <0.05 | <0.05 | <0.05 | <0.001 | 10.75 | 1173.5 | <0.01 | | <0.01 | <0.2 | 0.45 | 7 | <10 | 20 |
| M170660 | | 1.82 | <0.05 | <0.05 | <0.05 | <0.001 | 37.88 | 1708.0 | <0.01 | | <0.01 | <0.2 | 0.37 | 8 | <10 | 20 |
| M170661 | | 1.40 | <0.05 | <0.05 | <0.05 | <0.001 | 14.25 | 1288.5 | 0.01 | | <0.01 | <0.2 | 0.37 | 10 | <10 | 30 |
| M170662 | | 2.50 | <0.05 | <0.05 | <0.05 | <0.001 | 33.48 | 2253 | <0.01 | | <0.01 | <0.2 | 0.39 | 11 | <10 | 30 |
| M170663 | | 2.24 | <0.05 | <0.05 | <0.05 | <0.001 | 45.41 | 2110 | 0.03 | | <0.01 | <0.2 | 0.25 | 4 | <10 | 20 |
| M170664 | | 2.40 | <0.05 | <0.05 | <0.05 | <0.001 | 25.99 | 2261 | <0.01 | | <0.01 | <0.2 | 0.31 | 5 | <10 | 20 |
| M170665 | | 2.94 | <0.05 | <0.05 | <0.05 | <0.001 | 28.85 | 2782 | 0.01 | | 0.01 | <0.2 | 0.37 | 11 | <10 | 30 |
| M170666 | | 2.52 | <0.05 | <0.05 | <0.05 | <0.001 | 27.39 | 2383 | <0.01 | | <0.01 | <0.2 | 0.32 | 7 | <10 | 30 |
| M170667 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 0.73 | | 0.74 | 2.4 | 2.02 | 3 | 10 | 40 |
| M170668 | | 2.28 | <0.05 | <0.05 | <0.05 | <0.001 | 25.08 | 2181 | <0.01 | | <0.01 | <0.2 | 0.35 | 10 | <10 | 30 |
| M170669 | | 1.84 | <0.05 | <0.05 | <0.05 | <0.001 | 24.69 | 1754.5 | <0.01 | | <0.01 | <0.2 | 0.34 | 15 | <10 | 30 |

Comments: NSS is non-sufficient sample.



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Date : 25-Jul-2003
Account: NJY

Project : Z-03-07

CERTIFICATE OF ANALYSIS VA03025972

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25 Au Check ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|------------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M170670 | | 0.86 | <0.05 | <0.05 | <0.05 | <0.001 | 29.50 | 1040.5 | <0.01 | | 0.01 | <0.2 | 0.50 | 34 | <10 | 40 |
| M170671 | | 0.68 | <0.05 | <0.05 | <0.05 | <0.001 | 16.84 | 1008.0 | <0.01 | | <0.01 | <0.2 | 0.46 | 11 | <10 | 40 |
| M170672 | | 1.14 | <0.05 | <0.05 | <0.05 | <0.001 | 29.48 | 1052.5 | <0.01 | | <0.01 | <0.2 | 0.63 | 10 | <10 | 60 |
| M170673 | | 1.20 | <0.05 | <0.05 | <0.05 | <0.001 | 19.89 | 1119.0 | 0.02 | | <0.01 | <0.2 | 0.52 | 34 | <10 | 50 |
| M170674 | | 1.12 | <0.05 | <0.05 | <0.05 | <0.001 | 26.51 | 999.2 | <0.01 | | <0.01 | 0.3 | 0.58 | 29 | <10 | 60 |
| M170675 | | 2.30 | <0.05 | <0.05 | <0.05 | <0.001 | 22.88 | 2101 | <0.01 | | <0.01 | <0.2 | 0.28 | 10 | <10 | 20 |
| M170676 | | 0.96 | <0.05 | <0.05 | <0.05 | <0.001 | 20.05 | 888.3 | 0.01 | | 0.03 | 0.4 | 0.64 | 38 | <10 | 60 |
| M170677 | | 1.52 | <0.05 | <0.05 | <0.05 | <0.001 | 31.90 | 1430.5 | <0.01 | | <0.01 | <0.2 | 0.33 | 6 | <10 | 30 |
| M170678 | | 0.90 | <0.05 | <0.05 | <0.05 | <0.001 | 32.66 | 753.8 | <0.01 | | <0.01 | <0.2 | 0.26 | 7 | <10 | 40 |
| M170679 | | 1.80 | <0.05 | <0.05 | <0.05 | <0.001 | 21.58 | 1664.5 | <0.01 | | 0.01 | <0.2 | 0.41 | 13 | <10 | 40 |
| M170680 | | 1.20 | <0.05 | <0.05 | <0.05 | <0.001 | 5.70 | 1098.0 | <0.01 | | <0.01 | 0.2 | 0.46 | 13 | <10 | 50 |
| M170681 | | 2.08 | <0.05 | <0.05 | <0.05 | <0.001 | 8.38 | 1945.5 | <0.01 | | <0.01 | 0.2 | 0.44 | 15 | <10 | 40 |
| M170682 | | 2.80 | <0.05 | <0.05 | <0.05 | <0.001 | 10.77 | 2646 | <0.01 | | <0.01 | <0.2 | 0.40 | 9 | <10 | 40 |
| M170683 | | 2.48 | <0.05 | <0.05 | <0.05 | <0.001 | 10.74 | 2315 | <0.01 | | <0.01 | <0.2 | 0.35 | 2 | <10 | 30 |
| M170684 | | 1.82 | <0.05 | <0.05 | <0.05 | <0.001 | 11.09 | 1703.5 | <0.01 | | 0.01 | <0.2 | 0.71 | <2 | <10 | 90 |
| M170685 | | 2.46 | <0.05 | <0.05 | <0.05 | <0.001 | 13.11 | 2318 | <0.01 | | 0.01 | <0.2 | 0.48 | <2 | <10 | 60 |
| M170686 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 9.20 | | 9.77 | 19.9 | 1.85 | 15 | <10 | 80 |
| M170687 | | 2.34 | <0.05 | <0.05 | <0.05 | <0.001 | 7.62 | 2252 | <0.01 | | 0.01 | <0.2 | 0.36 | <2 | <10 | 90 |
| M170688 | | 3.06 | <0.05 | <0.05 | <0.05 | <0.001 | 12.85 | 2892 | <0.01 | | <0.01 | <0.2 | 0.33 | <2 | <10 | 50 |
| M170689 | | 2.10 | <0.05 | <0.05 | <0.05 | <0.001 | 10.03 | 1284.5 | <0.01 | | <0.01 | <0.2 | 0.53 | <2 | <10 | 50 |
| M170690 | | 2.50 | <0.05 | <0.05 | <0.05 | <0.001 | 9.26 | 2390 | <0.01 | | <0.01 | <0.2 | 0.58 | <2 | <10 | 50 |
| M170691 | | 2.88 | <0.05 | <0.05 | <0.05 | <0.001 | 9.02 | 2771 | <0.01 | | <0.01 | <0.2 | 0.44 | <2 | <10 | 50 |
| M170692 | | 2.30 | <0.05 | <0.05 | <0.05 | <0.001 | 12.92 | 2144 | <0.01 | | <0.01 | <0.2 | 0.44 | 2 | <10 | 50 |
| M170693 | | 2.84 | <0.05 | <0.05 | <0.05 | <0.001 | 17.55 | 2618 | <0.01 | | <0.01 | <0.2 | 0.24 | <2 | <10 | 30 |
| M170694 | | 2.44 | <0.05 | <0.05 | <0.05 | <0.001 | 12.86 | 2311 | <0.01 | | <0.01 | <0.2 | 0.41 | <2 | <10 | 50 |
| M170695 | | 2.10 | <0.05 | <0.05 | <0.05 | <0.001 | 12.26 | 1515.5 | <0.01 | | <0.01 | <0.2 | 0.28 | <2 | <10 | 30 |
| M170696 | | 2.30 | <0.05 | <0.05 | <0.05 | <0.001 | 6.53 | 2182 | <0.01 | | <0.01 | <0.2 | 0.36 | <2 | <10 | 50 |
| M170697 | | 1.44 | <0.05 | <0.05 | <0.05 | <0.001 | 11.32 | 1166.5 | <0.01 | | 0.02 | <0.2 | 0.41 | <2 | <10 | 60 |
| M170698 | | 2.28 | <0.05 | <0.05 | <0.05 | <0.001 | 15.43 | 2458 | <0.01 | | 0.02 | <0.2 | 0.33 | <2 | <10 | 40 |
| M170699 | | 1.36 | <0.05 | <0.05 | <0.05 | <0.001 | 4.34 | 1832.5 | <0.01 | | 0.01 | <0.2 | 0.41 | <2 | <10 | 60 |
| M170700 | | 3.72 | <0.05 | <0.05 | <0.05 | <0.001 | 8.33 | 3515 | <0.01 | | 0.01 | 0.3 | 0.39 | 8 | <10 | 80 |
| M170701 | | 1.90 | <0.05 | <0.05 | <0.05 | <0.001 | 22.45 | 1757.0 | 0.02 | | 0.01 | <0.2 | 0.35 | 2 | <10 | 40 |
| M170702 | | 2.34 | <0.05 | <0.05 | <0.05 | <0.001 | 4.90 | 1438.5 | 0.01 | | 0.05 | <0.2 | 0.28 | <2 | <10 | 90 |
| M170703 | | 2.48 | <0.05 | 2.42 | <0.05 | 0.018 | 7.44 | 2188 | 0.03 | | 0.03 | <0.2 | 0.32 | <2 | <10 | 70 |
| M170704 | | 2.46 | <0.05 | <0.05 | <0.05 | <0.001 | 12.51 | 2309 | 0.03 | | 0.02 | <0.2 | 0.25 | <2 | <10 | 30 |
| M170705 | | 2.78 | <0.05 | <0.05 | <0.05 | <0.001 | 12.71 | 2611 | 0.02 | | 0.02 | <0.2 | 0.36 | <2 | <10 | 40 |
| M170706 | | 2.74 | <0.05 | <0.05 | <0.05 | <0.001 | 11.53 | 2598 | <0.01 | | <0.01 | <0.2 | 0.18 | <2 | <10 | 30 |
| M170707 | | 1.86 | <0.05 | <0.05 | <0.05 | <0.001 | 4.75 | 1788.0 | 0.02 | | 0.03 | 0.2 | 0.42 | 4 | <10 | 30 |
| M170708 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 0.75 | | 0.69 | 2.4 | 1.85 | 2 | 10 | 30 |
| M170709 | | 2.36 | <0.05 | <0.05 | <0.05 | <0.001 | 6.34 | 2272 | <0.01 | | <0.01 | <0.2 | 0.41 | 2 | <10 | 30 |

Comments: NSS is non-sufficient sample.



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Page #: 6 - A
Total # of pages : 6 (A - C)
Date : 25-Jul-2003
Account: NJY

Project : Z-03-07

CERTIFICATE OF ANALYSIS VA03025972

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25 Au Check ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|------------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M170710 | | | 0.49 | <0.05 | 0.50 | <0.001 | 5.07 | 855.0 | 0.47 | | 0.52 | 2.3 | 0.34 | 212 | <10 | 30 |

Comments: NSS is non-sufficient sample.



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Page #: 2 - B
Total # of pages : 6 (A - C)
Date : 25-Jul-2003
Account: NJY

Project : Z-03-07

CERTIFICATE OF ANALYSIS VA03025972

| Sample Description | Method Analyte Units LOR | ME-ICP41 Be ppm 0.5 | ME-ICP41 BI ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 |
|--------------------|-----------------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|
| M170551 | | 0.6 | <2 | 0.45 | <0.5 | 4 | 57 | 35 | 3.16 | <10 | <1 | 0.26 | 20 | 0.06 | 87 | 6 |
| M170552 | | <0.5 | <2 | 0.03 | <0.5 | 6 | 60 | 7 | 1.21 | <10 | <1 | 0.12 | 30 | 0.04 | 91 | <1 |
| M170553 | | <0.5 | <2 | 0.12 | <0.5 | 6 | 67 | 3 | 1.59 | <10 | <1 | 0.21 | 30 | 0.05 | 91 | <1 |
| M170554 | | <0.5 | <2 | 0.03 | <0.5 | 9 | 35 | 3 | 2.31 | <10 | <1 | 0.22 | 30 | 0.05 | 126 | <1 |
| M170555 | | <0.5 | <2 | 0.01 | <0.5 | 11 | 49 | 3 | 2.54 | <10 | <1 | 0.25 | 30 | 0.05 | 104 | <1 |
| M170556 | | <0.5 | <2 | 0.03 | <0.5 | 11 | 30 | 1 | 3.72 | <10 | <1 | 0.29 | 30 | 0.06 | 113 | <1 |
| M170557 | | <0.5 | <2 | 0.10 | <0.5 | 10 | 19 | 1 | 3.31 | <10 | <1 | 0.36 | 40 | 0.07 | 96 | <1 |
| M170558 | | <0.5 | <2 | 0.06 | <0.5 | 10 | 54 | 4 | 2.39 | <10 | <1 | 0.26 | 30 | 0.05 | 97 | <1 |
| M170559 | | <0.5 | <2 | 0.15 | <0.5 | 9 | 35 | 2 | 2.24 | <10 | <1 | 0.34 | 30 | 0.06 | 94 | <1 |
| M170560 | | 0.5 | <2 | 0.07 | <0.5 | 12 | 17 | 2 | 3.94 | <10 | <1 | 0.30 | 40 | 0.08 | 138 | <1 |
| M170561 | | <0.5 | <2 | 0.10 | <0.5 | 12 | 3 | 2 | 3.60 | <10 | <1 | 0.29 | 30 | 0.26 | 115 | <1 |
| M170562 | | <0.5 | <2 | 0.03 | <0.5 | 3 | 2 | 1 | 1.00 | <10 | <1 | 0.29 | 20 | 0.03 | 47 | <1 |
| M170563 | | <0.5 | <2 | 0.01 | <0.5 | 6 | 2 | 2 | 1.64 | <10 | <1 | 0.25 | 30 | 0.03 | 68 | <1 |
| M170564 | | <0.5 | <2 | 0.11 | <0.5 | 7 | 13 | 2 | 1.48 | <10 | <1 | 0.23 | 30 | 0.04 | 122 | <1 |
| M170565 | | <0.5 | <2 | 0.07 | <0.5 | 10 | 19 | 2 | 1.87 | <10 | <1 | 0.28 | 20 | 0.06 | 109 | <1 |
| M170566 | | <0.5 | <2 | 0.03 | <0.5 | 9 | 36 | 3 | 1.76 | <10 | <1 | 0.25 | 30 | 0.05 | 128 | <1 |
| M170567 | | <0.5 | <2 | 0.05 | <0.5 | 8 | 2 | 2 | 2.01 | <10 | <1 | 0.20 | 40 | 0.05 | 138 | <1 |
| M170568 | | <0.5 | <2 | 0.10 | <0.5 | 7 | 14 | 1 | 1.70 | <10 | <1 | 0.24 | 30 | 0.05 | 145 | <1 |
| M170569 | | <0.5 | <2 | 0.19 | <0.5 | 8 | 3 | 1 | 1.83 | <10 | <1 | 0.25 | 40 | 0.10 | 155 | <1 |
| M170570 | | <0.5 | <2 | 0.05 | <0.5 | 7 | 2 | 1 | 1.40 | <10 | <1 | 0.24 | 30 | 0.09 | 170 | <1 |
| M170571 | | <0.5 | <2 | 0.11 | <0.5 | 7 | 3 | 2 | 1.37 | <10 | <1 | 0.27 | 30 | 0.12 | 154 | <1 |
| M170572 | | 2.2 | 3 | 0.82 | <0.5 | 22 | 303 | 69 | 4.29 | 10 | <1 | 1.04 | 30 | 1.18 | 1230 | <1 |
| M170573 | | <0.5 | <2 | 0.04 | <0.5 | 7 | 4 | 1 | 1.49 | <10 | <1 | 0.30 | 20 | 0.09 | 180 | <1 |
| M170574 | | <0.5 | <2 | 0.14 | <0.5 | 6 | 3 | 2 | 1.47 | <10 | <1 | 0.23 | 20 | 0.17 | 134 | <1 |
| M170575 | | <0.5 | <2 | 0.14 | <0.5 | 7 | 3 | 2 | 1.41 | <10 | <1 | 0.20 | 20 | 0.23 | 157 | <1 |
| M170576 | | <0.5 | <2 | 0.23 | <0.5 | 7 | 3 | 11 | 1.49 | <10 | <1 | 0.22 | 10 | 0.38 | 153 | <1 |
| M170577 | | <0.5 | <2 | 0.10 | <0.5 | 6 | 3 | 3 | 1.54 | <10 | <1 | 0.26 | 20 | 0.36 | 160 | <1 |
| M170578 | | <0.5 | <2 | 0.17 | <0.5 | 6 | 13 | 2 | 1.44 | <10 | <1 | 0.16 | 20 | 1.08 | 156 | <1 |
| M170579 | | <0.5 | <2 | 0.08 | <0.5 | 9 | 3 | 4 | 1.67 | <10 | <1 | 0.30 | 30 | 0.14 | 148 | <1 |
| M170580 | | <0.5 | <2 | 0.23 | <0.5 | 11 | 3 | 5 | 1.65 | <10 | <1 | 0.27 | 20 | 0.25 | 161 | <1 |
| M170581 | | <0.5 | <2 | 0.29 | <0.5 | 10 | 3 | 4 | 1.61 | <10 | <1 | 0.23 | 30 | 0.27 | 155 | <1 |
| M170582 | | <0.5 | <2 | 0.37 | <0.5 | 11 | 7 | 3 | 1.26 | <10 | 1 | 0.19 | 20 | 0.26 | 151 | <1 |
| M170583 | | <0.5 | <2 | 0.76 | <0.5 | 12 | 2 | 5 | 1.69 | <10 | <1 | 0.23 | 10 | 0.50 | 160 | <1 |
| M170584 | | <0.5 | <2 | 0.46 | <0.5 | 13 | 3 | 3 | 1.85 | <10 | <1 | 0.35 | 20 | 0.47 | 134 | <1 |
| M170585 | | <0.5 | <2 | 0.18 | <0.5 | 11 | 3 | 2 | 2.16 | <10 | <1 | 0.26 | 20 | 0.69 | 180 | <1 |
| M170586 | | <0.5 | <2 | 0.20 | <0.5 | 10 | 4 | 1 | 2.35 | <10 | <1 | 0.29 | 30 | 2.01 | 201 | <1 |
| M170587 | | 0.5 | <2 | 0.27 | <0.5 | 20 | 18 | 3 | 4.02 | <10 | <1 | 0.26 | 30 | 4.33 | 268 | <1 |
| M170588 | | 2.1 | 3 | 0.80 | <0.5 | 22 | 297 | 68 | 4.21 | 10 | <1 | 1.00 | 30 | 1.16 | 1205 | <1 |
| M170589 | | <0.5 | <2 | 0.32 | <0.5 | 18 | 10 | 2 | 4.07 | <10 | <1 | 0.25 | 20 | 4.20 | 276 | <1 |
| M170590 | | <0.5 | <2 | 0.17 | <0.5 | 14 | 8 | 2 | 3.18 | <10 | <1 | 0.26 | 20 | 4.03 | 166 | <1 |

Comments: NSS is non-sufficient sample.



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Page #: 3 - B
Total # of pages : 6 (A - C)
Date : 25-Jul-2003
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Project : Z-03-07

CERTIFICATE OF ANALYSIS VA03025972

| Sample Description | Method Analyte Units LOR | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 |
|--------------------|-----------------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|
| M170591 | | <0.5 | <2 | 0.20 | <0.5 | 16 | 9 | 3 | 2.88 | <10 | <1 | 0.26 | 30 | 3.02 | 150 | <1 |
| M170592 | | <0.5 | <2 | 0.47 | <0.5 | 15 | 13 | 3 | 3.67 | <10 | <1 | 0.28 | 10 | 3.42 | 343 | <1 |
| M170593 | | <0.5 | <2 | 0.06 | <0.5 | 5 | 3 | 2 | 1.69 | <10 | <1 | 0.25 | 30 | 1.44 | 174 | <1 |
| M170594 | | <0.5 | <2 | 0.09 | <0.5 | 2 | 3 | 4 | 0.88 | <10 | <1 | 0.23 | 10 | 0.35 | 128 | <1 |
| M170595 | | <0.5 | <2 | 0.05 | <0.5 | 5 | 3 | 2 | 1.36 | <10 | <1 | 0.20 | 20 | 1.24 | 104 | <1 |
| M170596 | | <0.5 | <2 | 0.07 | <0.5 | 7 | 5 | 2 | 2.11 | <10 | <1 | 0.23 | 20 | 2.49 | 158 | <1 |
| M170597 | | <0.5 | <2 | 0.03 | <0.5 | 6 | 3 | 3 | 2.13 | <10 | <1 | 0.24 | 10 | 2.38 | 158 | <1 |
| M170598 | | <0.5 | <2 | 0.35 | <0.5 | 11 | 11 | 9 | 2.74 | <10 | <1 | 0.29 | 10 | 2.25 | 247 | <1 |
| M170599 | | 0.7 | <2 | 1.03 | 1.1 | 10 | 5 | 28 | 1.96 | <10 | <1 | 0.17 | 10 | 1.28 | 279 | <1 |
| M170600 | | <0.5 | <2 | 0.04 | <0.5 | 5 | 4 | 5 | 1.58 | <10 | <1 | 0.23 | 20 | 1.24 | 356 | <1 |
| M170601 | | <0.5 | <2 | 0.07 | <0.5 | 6 | 6 | 7 | 2.14 | <10 | <1 | 0.42 | 20 | 1.58 | 1225 | <1 |
| M170602 | | <0.5 | <2 | 0.05 | <0.5 | 5 | 4 | 67 | 1.77 | <10 | <1 | 0.21 | 10 | 0.95 | 811 | <1 |
| M170603 | | <0.5 | <2 | 0.04 | <0.5 | 6 | 4 | 1 | 1.52 | <10 | <1 | 0.27 | 20 | 1.13 | 360 | <1 |
| M170604 | | <0.5 | <2 | 0.14 | <0.5 | 8 | 5 | 5 | 2.08 | <10 | <1 | 0.28 | 30 | 1.50 | 802 | <1 |
| M170605 | | <0.5 | <2 | 0.15 | <0.5 | 5 | 4 | 6 | 1.61 | <10 | <1 | 0.26 | 20 | 1.00 | 412 | <1 |
| M170606 | | <0.5 | <2 | 0.76 | <0.5 | 7 | 3 | 2 | 1.63 | <10 | <1 | 0.33 | 20 | 1.27 | 303 | <1 |
| M170607 | | 2.2 | 3 | 0.81 | <0.5 | 22 | 302 | 70 | 4.26 | 10 | <1 | 1.02 | 30 | 1.18 | 1225 | <1 |
| M170608 | | <0.5 | <2 | 0.70 | <0.5 | 6 | 3 | 5 | 1.44 | <10 | <1 | 0.31 | 20 | 0.94 | 263 | <1 |
| M170609 | | <0.5 | <2 | 0.61 | <0.5 | 6 | 4 | 12 | 1.79 | <10 | <1 | 0.34 | 20 | 0.91 | 285 | <1 |
| M170610 | | <0.5 | <2 | 0.79 | <0.5 | 4 | 3 | 21 | 1.28 | <10 | <1 | 0.31 | 30 | 0.55 | 300 | <1 |
| M170611 | | <0.5 | <2 | 0.44 | <0.5 | 7 | 3 | 2 | 1.47 | <10 | <1 | 0.27 | 20 | 0.75 | 184 | <1 |
| M170612 | | <0.5 | <2 | 0.37 | <0.5 | 7 | 3 | 9 | 1.63 | <10 | <1 | 0.34 | 20 | 1.13 | 255 | <1 |
| M170613 | | <0.5 | <2 | 0.50 | <0.5 | 8 | 4 | 11 | 1.62 | <10 | <1 | 0.31 | 30 | 0.93 | 663 | <1 |
| M170614 | | <0.5 | <2 | 0.28 | <0.5 | 8 | 4 | 3 | 1.62 | <10 | 1 | 0.38 | 50 | 0.88 | 266 | <1 |
| M170615 | | <0.5 | <2 | 0.73 | <0.5 | 11 | 3 | 2 | 1.70 | <10 | <1 | 0.33 | 40 | 0.86 | 285 | <1 |
| M170616 | | <0.5 | <2 | 0.49 | <0.5 | 9 | 3 | 1 | 1.63 | <10 | <1 | 0.29 | 30 | 1.06 | 235 | <1 |
| M170617 | | <0.5 | <2 | 0.28 | <0.5 | 9 | 4 | 1 | 1.88 | <10 | 1 | 0.35 | 40 | 1.16 | 231 | <1 |
| M170618 | | <0.5 | <2 | 0.08 | <0.5 | 6 | 2 | 1 | 1.69 | <10 | <1 | 0.36 | 40 | 1.20 | 134 | <1 |
| M170619 | | <0.5 | <2 | 0.48 | <0.5 | 7 | 5 | 2 | 1.89 | <10 | <1 | 0.29 | 20 | 1.61 | 526 | <1 |
| M170620 | | <0.5 | <2 | 0.41 | <0.5 | 7 | 3 | 7 | 2.04 | <10 | 1 | 0.30 | 20 | 1.60 | 637 | <1 |
| M170621 | | <0.5 | <2 | 0.56 | <0.5 | 8 | 4 | 2 | 1.96 | <10 | <1 | 0.25 | 10 | 1.54 | 725 | <1 |
| M170622 | | <0.5 | <2 | 1.84 | <0.5 | 10 | 5 | 3 | 3.12 | <10 | 1 | 0.28 | 10 | 2.56 | 971 | <1 |
| M170623 | | <0.5 | <2 | 0.55 | <0.5 | 106 | 4 | 13 | 3.60 | <10 | <1 | 0.19 | <10 | 2.52 | 545 | <1 |
| M170624 | | <0.5 | <2 | 0.18 | <0.5 | 52 | 5 | 7 | 2.05 | <10 | <1 | 0.26 | <10 | 1.54 | 341 | <1 |
| M170625 | | <0.5 | 2 | 0.35 | <0.5 | 198 | 5 | 5 | 2.81 | <10 | <1 | 0.24 | <10 | 1.20 | 375 | <1 |
| M170626 | | <0.5 | 2 | 0.65 | 1.2 | 11 | 4 | 4 | 1.05 | <10 | <1 | 0.22 | 10 | 0.84 | 509 | <1 |
| M170627 | | <0.5 | <2 | 0.60 | 2.5 | 7 | 3 | 8 | 0.89 | <10 | <1 | 0.20 | <10 | 0.54 | 701 | <1 |
| M170627A | | 2.2 | 2 | 0.85 | <0.5 | 22 | 301 | 69 | 4.49 | 10 | <1 | 0.99 | 30 | 1.20 | 1380 | 1 |
| M170628 | | <0.5 | <2 | 0.40 | 2.2 | 39 | 4 | 6 | 1.36 | <10 | <1 | 0.23 | <10 | 0.75 | 317 | <1 |
| M170629 | | <0.5 | 2 | 0.46 | 2.2 | 12 | 3 | 5 | 1.10 | <10 | <1 | 0.25 | 20 | 0.56 | 514 | <1 |

Comments: NSS is non-sufficient sample.



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Page #: 4 - B
Total # of pages : 6 (A - C)
Date : 25-Jul-2003
Account: NJY

Project : Z-03-07

CERTIFICATE OF ANALYSIS VA03025972

| Sample Description | Method Analyte Units LOR | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 |
|--------------------|-----------------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|
| M170630 | | <0.5 | 2 | 1.14 | 18.6 | 9 | 3 | 17 | 1.44 | <10 | <1 | 0.30 | 10 | 0.85 | 963 | <1 |
| M170631 | | <0.5 | <2 | 0.81 | 102.5 | 11 | 4 | 55 | 1.24 | <10 | <1 | 0.27 | <10 | 0.80 | 487 | 1 |
| M170632 | | <0.5 | <2 | 1.13 | 5.6 | 21 | 4 | 3 | 1.97 | <10 | <1 | 0.27 | 10 | 1.27 | 548 | <1 |
| M170633 | | <0.5 | <2 | 0.48 | 2.1 | 13 | 4 | 2 | 1.62 | <10 | <1 | 0.37 | 30 | 1.10 | 445 | <1 |
| M170634 | | <0.5 | <2 | 0.52 | 1.8 | 25 | 4 | 2 | 1.76 | <10 | 1 | 0.23 | 10 | 1.54 | 453 | <1 |
| M170635 | | <0.5 | <2 | 0.59 | 8.5 | 15 | 3 | 4 | 1.30 | <10 | 1 | 0.30 | 10 | 1.16 | 371 | <1 |
| M170636 | | <0.5 | 2 | 0.34 | 28.9 | 22 | 39 | 235 | 1.00 | <10 | <1 | 0.35 | 10 | 0.45 | 252 | <1 |
| M170637 | | <0.5 | 2 | 0.10 | 1.5 | 8 | 45 | 5 | 0.42 | <10 | <1 | 0.26 | 10 | 0.06 | 44 | 1 |
| M170638 | | <0.5 | <2 | 0.03 | 0.5 | 74 | 84 | 7 | 1.23 | <10 | <1 | 0.21 | <10 | 0.04 | 47 | 1 |
| M170639 | | <0.5 | 2 | 0.01 | <0.5 | 115 | 145 | 13 | 2.75 | <10 | <1 | 0.07 | <10 | 0.01 | 8 | 4 |
| M170640 | | <0.5 | <2 | 0.01 | <0.5 | 60 | 174 | 7 | 1.81 | <10 | 1 | 0.05 | <10 | 0.01 | 8 | 2 |
| M170641 | | <0.5 | 2 | 0.02 | 1.3 | 27 | 158 | 7 | 0.92 | <10 | 1 | 0.03 | <10 | 0.01 | 15 | 2 |
| M170642 | | <0.5 | 2 | 0.01 | <0.5 | 38 | 173 | 9 | 1.39 | <10 | <1 | 0.09 | <10 | 0.01 | 8 | 3 |
| M170643 | | <0.5 | 2 | 0.01 | 29.7 | 178 | 145 | 18 | 3.45 | <10 | <1 | 0.08 | <10 | 0.01 | 7 | 2 |
| M170644 | | <0.5 | 2 | 0.03 | <0.5 | 137 | 112 | 7 | 1.93 | <10 | <1 | 0.04 | 10 | 0.02 | 29 | 1 |
| M170645 | | <0.5 | 4 | 0.02 | <0.5 | 296 | 182 | 14 | 3.76 | <10 | <1 | 0.03 | <10 | <0.01 | 10 | 2 |
| M170646 | | <0.5 | 4 | 0.01 | 1.2 | 186 | 286 | 74 | 3.72 | <10 | 1 | 0.08 | <10 | 0.01 | 14 | 7 |
| M170647 | | <0.5 | <2 | 0.04 | <0.5 | 69 | 194 | 8 | 1.79 | <10 | <1 | 0.08 | <10 | 0.03 | 22 | 12 |
| M170648 | | <0.5 | <2 | 1.34 | 3.0 | 20 | 26 | 166 | 3.76 | 10 | <1 | 0.27 | 10 | 0.96 | 834 | 26 |
| M170649 | | <0.5 | <2 | 0.08 | <0.5 | 28 | 212 | 8 | 1.09 | <10 | <1 | 0.06 | <10 | 0.04 | 33 | 1 |
| M170650 | | <0.5 | 2 | 0.05 | <0.5 | 61 | 158 | 12 | 1.95 | <10 | 1 | 0.13 | <10 | 0.02 | 14 | 1 |
| M170651 | | <0.5 | 2 | 0.06 | <0.5 | 185 | 191 | 14 | 4.16 | <10 | <1 | 0.17 | <10 | 0.05 | 21 | 2 |
| M170652 | | <0.5 | <2 | 0.09 | <0.5 | 14 | 193 | 10 | 0.81 | <10 | <1 | 0.15 | 10 | 0.03 | 27 | 6 |
| M170653 | | <0.5 | 2 | 0.34 | 12.2 | 39 | 130 | 12 | 1.54 | <10 | 1 | 0.19 | <10 | 0.37 | 109 | 3 |
| M170654 | | <0.5 | <2 | 0.47 | <0.5 | 33 | 150 | 13 | 1.54 | <10 | <1 | 0.20 | <10 | 0.32 | 150 | 2 |
| M170655 | | <0.5 | <2 | 0.11 | <0.5 | 885 | 188 | 28 | 7.85 | <10 | 1 | 0.15 | <10 | 0.06 | 48 | 2 |
| M170656 | | <0.5 | <2 | 0.02 | 1.0 | 1040 | 227 | 23 | 10.35 | <10 | <1 | 0.10 | <10 | 0.01 | 13 | 1 |
| M170657 | | <0.5 | <2 | 0.02 | <0.5 | 194 | 208 | 26 | 3.31 | <10 | <1 | 0.10 | <10 | 0.03 | 22 | 7 |
| M170658 | | <0.5 | <2 | 0.10 | 1.4 | 37 | 85 | 10 | 1.09 | <10 | <1 | 0.23 | 20 | 0.18 | 72 | 1 |
| M170659 | | <0.5 | <2 | 0.57 | 0.5 | 8 | 40 | 9 | 0.77 | <10 | <1 | 0.29 | 30 | 0.89 | 164 | <1 |
| M170660 | | <0.5 | <2 | 0.17 | <0.5 | 4 | 42 | 6 | 0.91 | <10 | <1 | 0.24 | 20 | 0.82 | 103 | <1 |
| M170661 | | <0.5 | <2 | 0.12 | 1.1 | 17 | 45 | 6 | 1.03 | <10 | <1 | 0.25 | 20 | 0.48 | 96 | <1 |
| M170662 | | <0.5 | <2 | 0.18 | 1.6 | 16 | 37 | 8 | 0.81 | <10 | <1 | 0.24 | 30 | 0.27 | 86 | <1 |
| M170663 | | <0.5 | <2 | 0.28 | 1.3 | 7 | 67 | 12 | 0.56 | <10 | <1 | 0.17 | 20 | 0.27 | 82 | <1 |
| M170664 | | <0.5 | <2 | 0.09 | 1.5 | 12 | 53 | 7 | 0.57 | <10 | <1 | 0.18 | 20 | 0.16 | 56 | <1 |
| M170665 | | <0.5 | <2 | 0.35 | 0.5 | 8 | 35 | 4 | 1.11 | <10 | 1 | 0.22 | 30 | 0.53 | 120 | <1 |
| M170666 | | <0.5 | <2 | 0.40 | 1.4 | 11 | 57 | 6 | 1.13 | <10 | 1 | 0.19 | 30 | 0.77 | 160 | <1 |
| M170667 | | 0.5 | 3 | 1.05 | <0.5 | 18 | 14 | 7090 | 4.74 | 10 | 1 | 0.24 | 10 | 1.85 | 779 | 3 |
| M170668 | | <0.5 | <2 | 0.29 | <0.5 | 8 | 57 | 9 | 1.34 | <10 | <1 | 0.20 | 30 | 0.77 | 158 | <1 |
| M170669 | | <0.5 | <2 | 0.14 | 0.6 | 10 | 96 | 8 | 1.12 | <10 | <1 | 0.22 | 20 | 0.31 | 118 | <1 |

Comments: NSS is non-sufficient sample.



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Page #: 5 - B
Total # of pages: 6 (A - C)
Date: 25-Jul-2003
Account: NJY

Project: Z-03-07

CERTIFICATE OF ANALYSIS VA03025972

| Sample Description | Method Analyte Units LOR | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 |
|--------------------|-----------------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|
| M170670 | | <0.5 | <2 | 0.07 | 0.9 | 22 | 95 | 14 | 1.67 | <10 | <1 | 0.29 | 20 | 0.22 | 137 | <1 |
| M170671 | | <0.5 | <2 | 0.08 | <0.5 | 41 | 136 | 12 | 2.05 | <10 | <1 | 0.28 | 20 | 0.41 | 130 | <1 |
| M170672 | | <0.5 | <2 | 0.17 | <0.5 | 6 | 32 | 6 | 1.05 | <10 | 1 | 0.38 | 20 | 0.53 | 138 | <1 |
| M170673 | | <0.5 | <2 | 0.22 | <0.5 | 9 | 42 | 6 | 1.58 | <10 | <1 | 0.32 | 20 | 0.78 | 277 | <1 |
| M170674 | | <0.5 | <2 | 0.08 | 1.8 | 15 | 50 | 21 | 1.10 | <10 | <1 | 0.36 | 20 | 0.25 | 214 | <1 |
| M170675 | | <0.5 | <2 | 0.22 | 1.2 | 10 | 68 | 9 | 0.89 | <10 | 1 | 0.17 | 20 | 0.31 | 162 | <1 |
| M170676 | | <0.5 | <2 | 0.45 | 2.4 | 13 | 87 | 22 | 1.87 | <10 | <1 | 0.40 | 20 | 0.45 | 202 | <1 |
| M170677 | | <0.5 | <2 | 0.20 | <0.5 | 6 | 94 | 9 | 0.86 | <10 | <1 | 0.19 | 20 | 0.15 | 130 | <1 |
| M170678 | | <0.5 | <2 | 0.19 | <0.5 | 3 | 148 | 7 | 0.79 | <10 | <1 | 0.10 | 10 | 0.12 | 130 | <1 |
| M170679 | | <0.5 | <2 | 0.36 | <0.5 | 6 | 63 | 7 | 1.36 | <10 | <1 | 0.25 | 20 | 0.81 | 207 | <1 |
| M170680 | | <0.5 | <2 | 0.11 | 2.2 | 13 | 97 | 13 | 1.26 | <10 | 1 | 0.26 | 10 | 0.19 | 136 | <1 |
| M170681 | | <0.5 | <2 | 0.63 | 0.7 | 9 | 126 | 15 | 1.51 | <10 | <1 | 0.27 | 10 | 0.71 | 244 | <1 |
| M170682 | | <0.5 | <2 | 0.25 | 0.9 | 9 | 46 | 5 | 1.44 | <10 | <1 | 0.24 | 30 | 0.90 | 201 | <1 |
| M170683 | | <0.5 | <2 | 0.35 | <0.5 | 7 | 78 | 6 | 1.60 | <10 | <1 | 0.19 | 20 | 1.00 | 223 | <1 |
| M170684 | | 0.5 | <2 | 0.48 | <0.5 | 6 | 34 | 4 | 1.53 | <10 | <1 | 0.39 | 30 | 1.10 | 252 | <1 |
| M170685 | | <0.5 | <2 | 0.37 | <0.5 | 6 | 49 | 4 | 1.17 | <10 | <1 | 0.29 | 20 | 1.07 | 220 | <1 |
| M170686 | | <0.5 | <2 | 1.25 | 3.2 | 20 | 26 | 166 | 3.69 | 10 | <1 | 0.26 | 10 | 1.02 | 799 | 24 |
| M170687 | | <0.5 | <2 | 0.42 | 0.8 | 8 | 95 | 9 | 1.17 | <10 | <1 | 0.22 | 20 | 0.48 | 191 | <1 |
| M170688 | | <0.5 | <2 | 0.41 | <0.5 | 4 | 74 | 6 | 0.93 | <10 | <1 | 0.19 | 20 | 0.53 | 202 | <1 |
| M170689 | | <0.5 | <2 | 0.17 | 0.6 | 6 | 67 | 8 | 1.30 | <10 | <1 | 0.27 | 20 | 0.52 | 198 | <1 |
| M170690 | | <0.5 | <2 | 0.46 | <0.5 | 6 | 28 | 4 | 1.50 | <10 | <1 | 0.27 | 20 | 1.18 | 298 | <1 |
| M170691 | | <0.5 | <2 | 0.33 | <0.5 | 6 | 29 | 3 | 1.34 | <10 | <1 | 0.23 | 20 | 1.09 | 310 | <1 |
| M170692 | | <0.5 | <2 | 0.30 | <0.5 | 7 | 43 | 6 | 1.43 | <10 | 1 | 0.24 | 30 | 0.88 | 304 | <1 |
| M170693 | | <0.5 | <2 | 0.34 | <0.5 | 5 | 67 | 9 | 1.06 | <10 | <1 | 0.12 | 20 | 0.67 | 236 | <1 |
| M170694 | | <0.5 | <2 | 0.27 | <0.5 | 9 | 38 | 6 | 1.74 | <10 | <1 | 0.22 | 30 | 0.95 | 264 | <1 |
| M170695 | | <0.5 | <2 | 0.45 | <0.5 | 5 | 69 | 13 | 1.09 | <10 | <1 | 0.12 | 10 | 0.58 | 206 | <1 |
| M170696 | | <0.5 | <2 | 0.22 | <0.5 | 9 | 20 | 5 | 2.08 | <10 | <1 | 0.19 | 20 | 0.96 | 305 | <1 |
| M170697 | | <0.5 | <2 | 0.26 | <0.5 | 9 | 19 | 3 | 2.00 | <10 | <1 | 0.22 | 30 | 0.62 | 307 | <1 |
| M170698 | | <0.5 | <2 | 0.48 | <0.5 | 7 | 54 | 10 | 1.65 | <10 | <1 | 0.19 | 50 | 1.39 | 400 | <1 |
| M170699 | | <0.5 | <2 | 0.43 | <0.5 | 8 | 29 | 6 | 1.74 | <10 | <1 | 0.25 | 40 | 1.44 | 396 | <1 |
| M170700 | | <0.5 | <2 | 0.39 | <0.5 | 6 | 17 | 20 | 1.35 | <10 | <1 | 0.23 | 30 | 0.96 | 331 | <1 |
| M170701 | | <0.5 | <2 | 0.48 | <0.5 | 6 | 46 | 12 | 1.32 | <10 | <1 | 0.19 | 30 | 0.79 | 354 | <1 |
| M170702 | | <0.5 | <2 | 0.52 | <0.5 | 5 | 44 | 14 | 1.47 | <10 | <1 | 0.17 | 20 | 0.90 | 407 | <1 |
| M170703 | | <0.5 | <2 | 0.25 | <0.5 | 5 | 31 | 7 | 1.48 | <10 | <1 | 0.21 | 20 | 0.77 | 362 | <1 |
| M170704 | | <0.5 | <2 | 0.44 | <0.5 | 6 | 35 | 5 | 1.51 | <10 | <1 | 0.16 | 10 | 0.92 | 380 | <1 |
| M170705 | | <0.5 | <2 | 0.68 | <0.5 | 6 | 49 | 8 | 1.34 | <10 | <1 | 0.21 | 20 | 0.65 | 426 | <1 |
| M170706 | | <0.5 | <2 | 0.22 | <0.5 | 3 | 88 | 6 | 0.63 | <10 | 1 | 0.08 | 10 | 0.27 | 159 | <1 |
| M170707 | | <0.5 | <2 | 0.56 | <0.5 | 5 | 76 | 12 | 1.05 | <10 | <1 | 0.23 | 10 | 0.45 | 337 | 1 |
| M170708 | | <0.5 | <2 | 0.98 | <0.5 | 17 | 13 | 6570 | 4.43 | 10 | <1 | 0.23 | 10 | 1.73 | 729 | 3 |
| M170709 | | <0.5 | <2 | 0.68 | <0.5 | 3 | 85 | 14 | 0.87 | <10 | 1 | 0.17 | 20 | 0.58 | 329 | <1 |

Comments: NSS is non-sufficient sample.



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Total # of pages : 6 (A - C)
Date : 25-Jul-2003
Account: NJY

Project : Z-03-07

CERTIFICATE OF ANALYSIS VA03025972

| Sample Description | Method | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|--------------|------------|----------|-----------|------------|----------|----------|----------|-----------|-----------|----------|-----------|-----------|-----------|----------|
| | Analyte | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn |
| | Units LOR | ppm 0.5 | ppm 2 | % 0.01 | ppm 0.5 | ppm 1 | ppm 1 | ppm 1 | % 0.01 | ppm 10 | ppm 1 | % 0.01 | ppm 10 | % 0.01 | ppm 5 |
| M170710 | | <0.5 | 10 | 2.63 | 3.0 | 32 | 134 | 95 | 11.05 | <10 | <1 | 0.21 | <10 | 1.44 | 876 |

Comments: NSS is non-sufficient sample.



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CERTIFICATE OF ANALYSIS VA03025972

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|-----------|----------|-----------|----------|-----------|-----------|-----------|----------|-----------|----------|----------|----------|-----------|
| | | Na % | Ni ppm | P ppm | Pb ppm | S % | Sb ppm | Sc ppm | Sr ppm | Ti % | Ti ppm | U ppm | V ppm | W ppm | Zn ppm |
| M170551 | | 0.03 | 18 | 200 | 32 | 0.01 | 47 | 4 | 33 | <0.01 | <10 | <10 | 12 | <10 | 1325 |
| M170552 | | 0.04 | 9 | 130 | 5 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 12 |
| M170553 | | 0.02 | 14 | 660 | 2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 4 | <10 | 12 |
| M170554 | | 0.01 | 14 | 360 | 8 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 3 | <10 | 16 |
| M170555 | | 0.01 | 15 | 190 | 7 | 0.01 | <2 | 2 | 2 | <0.01 | <10 | <10 | 3 | <10 | 13 |
| M170556 | | 0.01 | 16 | 340 | <2 | <0.01 | <2 | 2 | 3 | <0.01 | <10 | <10 | 4 | <10 | 14 |
| M170557 | | 0.01 | 15 | 740 | <2 | <0.01 | <2 | 2 | 4 | <0.01 | <10 | <10 | 6 | <10 | 16 |
| M170558 | | 0.01 | 12 | 500 | <2 | <0.01 | <2 | 2 | 3 | <0.01 | <10 | <10 | 5 | <10 | 15 |
| M170559 | | 0.01 | 11 | 830 | <2 | <0.01 | <2 | 2 | 5 | <0.01 | <10 | <10 | 5 | <10 | 16 |
| M170560 | | 0.01 | 16 | 410 | 2 | <0.01 | <2 | 3 | 4 | <0.01 | <10 | <10 | 4 | <10 | 21 |
| M170561 | | 0.01 | 17 | 390 | 4 | 0.02 | <2 | 2 | 3 | <0.01 | <10 | <10 | 4 | <10 | 25 |
| M170562 | | 0.01 | 6 | 170 | 2 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 3 | <10 | 5 |
| M170563 | | 0.01 | 7 | 160 | 4 | 0.02 | <2 | 1 | 2 | <0.01 | <10 | <10 | 3 | <10 | 11 |
| M170564 | | 0.01 | 10 | 610 | <2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 3 | <10 | 13 |
| M170565 | | 0.01 | 11 | 400 | <2 | <0.01 | <2 | 2 | 3 | <0.01 | <10 | <10 | 4 | <10 | 22 |
| M170566 | | 0.01 | 11 | 190 | <2 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 3 | <10 | 15 |
| M170567 | | 0.01 | 13 | 300 | 3 | <0.01 | <2 | 2 | 3 | <0.01 | <10 | <10 | 3 | <10 | 16 |
| M170568 | | 0.01 | 14 | 460 | 2 | <0.01 | <2 | 2 | 4 | <0.01 | <10 | <10 | 3 | <10 | 11 |
| M170569 | | 0.01 | 13 | 200 | <2 | <0.01 | <2 | 2 | 4 | <0.01 | <10 | <10 | 4 | <10 | 16 |
| M170570 | | 0.01 | 11 | 200 | <2 | <0.01 | <2 | 2 | 4 | <0.01 | <10 | <10 | 3 | <10 | 16 |
| M170571 | | 0.01 | 13 | 110 | <2 | <0.01 | <2 | 2 | 8 | <0.01 | <10 | <10 | 3 | <10 | 16 |
| M170572 | | 0.12 | 152 | 270 | 22 | 0.63 | 6 | 10 | 68 | 0.18 | <10 | <10 | 59 | 10 | 97 |
| M170573 | | 0.01 | 14 | 110 | 2 | <0.01 | <2 | 2 | 5 | <0.01 | <10 | <10 | 4 | <10 | 14 |
| M170574 | | 0.01 | 8 | 150 | <2 | <0.01 | <2 | 2 | 5 | <0.01 | <10 | <10 | 3 | <10 | 19 |
| M170575 | | 0.01 | 8 | 100 | <2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 18 |
| M170576 | | 0.01 | 10 | 150 | 4 | <0.01 | <2 | 1 | 9 | <0.01 | <10 | <10 | 2 | <10 | 24 |
| M170577 | | 0.01 | 10 | 180 | <2 | <0.01 | <2 | 2 | 7 | <0.01 | <10 | <10 | 3 | <10 | 18 |
| M170578 | | 0.01 | 12 | 40 | <2 | 0.03 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 19 |
| M170579 | | 0.01 | 15 | 150 | <2 | <0.01 | <2 | 2 | 5 | <0.01 | <10 | <10 | 3 | <10 | 14 |
| M170580 | | 0.01 | 14 | 90 | 3 | 0.01 | <2 | 2 | 16 | <0.01 | <10 | <10 | 3 | <10 | 14 |
| M170581 | | 0.01 | 10 | 100 | 2 | 0.02 | <2 | 1 | 14 | <0.01 | <10 | <10 | 3 | <10 | 16 |
| M170582 | | 0.01 | 8 | 210 | 8 | 0.03 | <2 | 1 | 15 | <0.01 | <10 | <10 | 2 | <10 | 15 |
| M170583 | | 0.01 | 9 | 100 | 2 | 0.23 | <2 | 2 | 27 | <0.01 | <10 | <10 | 3 | <10 | 13 |
| M170584 | | 0.01 | 13 | 240 | 2 | 0.25 | <2 | 2 | 10 | <0.01 | <10 | <10 | 4 | <10 | 14 |
| M170585 | | 0.01 | 12 | 190 | <2 | 0.11 | <2 | 2 | 5 | <0.01 | <10 | <10 | 3 | <10 | 22 |
| M170586 | | 0.01 | 14 | 220 | <2 | <0.01 | <2 | 3 | 6 | <0.01 | <10 | <10 | 4 | <10 | 24 |
| M170587 | | 0.01 | 32 | 530 | <2 | <0.01 | <2 | 8 | 10 | <0.01 | <10 | <10 | 21 | <10 | 77 |
| M170588 | | 0.12 | 149 | 270 | 24 | 0.62 | 4 | 10 | 67 | 0.18 | <10 | <10 | 58 | 10 | 95 |
| M170589 | | 0.01 | 40 | 660 | <2 | <0.01 | <2 | 11 | 11 | <0.01 | <10 | <10 | 17 | <10 | 48 |
| M170590 | | 0.01 | 32 | 530 | <2 | <0.01 | <2 | 9 | 6 | <0.01 | <10 | <10 | 14 | <10 | 39 |

Comments: NSS is non-sufficient sample.



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Date : 25-Jul-2003
Account: NJY

Project : Z-03-07

CERTIFICATE OF ANALYSIS VA03025972

| Method Analyte Units LOR | ME-ICP41 Na % | ME-ICP41 Ni ppm | ME-ICP41 P ppm | ME-ICP41 Pb ppm | ME-ICP41 S % | ME-ICP41 Sb ppm | ME-ICP41 Sc ppm | ME-ICP41 Sr ppm | ME-ICP41 Ti % | ME-ICP41 Ti ppm | ME-ICP41 U ppm | ME-ICP41 V ppm | ME-ICP41 W ppm | ME-ICP41 Zn ppm |
|-----------------------------------|---------------------|-----------------------|----------------------|-----------------------|--------------------|-----------------------|-----------------------|-----------------------|---------------------|-----------------------|----------------------|----------------------|----------------------|-----------------------|
| Sample Description | 0.01 | 1 | 10 | 2 | 0.01 | 2 | 1 | 1 | 0.01 | 10 | 10 | 1 | 10 | 2 |
| M170591 | 0.01 | 26 | 680 | 2 | 0.02 | <2 | 7 | 6 | <0.01 | <10 | <10 | 18 | <10 | 36 |
| M170592 | 0.01 | 42 | 1100 | 6 | 0.02 | <2 | 11 | 12 | <0.01 | <10 | <10 | 24 | <10 | 60 |
| M170593 | 0.01 | 11 | 110 | 2 | 0.01 | <2 | 2 | 4 | <0.01 | <10 | <10 | 5 | <10 | 17 |
| M170594 | 0.01 | 4 | 70 | 2 | 0.09 | <2 | 1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 7 |
| M170595 | 0.01 | 10 | 120 | <2 | 0.05 | <2 | 2 | 3 | <0.01 | <10 | <10 | 3 | <10 | 27 |
| M170596 | 0.01 | 17 | 100 | 2 | 0.01 | <2 | 3 | 4 | <0.01 | <10 | <10 | 8 | <10 | 46 |
| M170597 | 0.01 | 12 | 90 | 3 | 0.03 | <2 | 3 | 2 | <0.01 | <10 | <10 | 5 | <10 | 43 |
| M170598 | 0.01 | 28 | 1050 | 6 | 0.03 | <2 | 4 | 11 | <0.01 | <10 | <10 | 9 | <10 | 36 |
| M170599 | 0.01 | 17 | 180 | 93 | 0.14 | 3 | 3 | 31 | <0.01 | <10 | <10 | 9 | <10 | 89 |
| M170600 | 0.01 | 9 | 120 | 3 | 0.02 | <2 | 2 | 4 | <0.01 | <10 | <10 | 4 | <10 | 17 |
| M170601 | 0.02 | 15 | 60 | 29 | 0.04 | <2 | 2 | 6 | <0.01 | <10 | <10 | 6 | <10 | 24 |
| M170602 | 0.01 | 10 | 60 | 7 | 0.07 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 18 |
| M170603 | 0.01 | 10 | 120 | 7 | <0.01 | <2 | 2 | 5 | <0.01 | <10 | <10 | 4 | <10 | 15 |
| M170604 | 0.01 | 15 | 510 | 6 | 0.02 | <2 | 2 | 7 | <0.01 | <10 | <10 | 4 | <10 | 20 |
| M170605 | 0.01 | 11 | 210 | 5 | 0.01 | <2 | 2 | 6 | <0.01 | <10 | <10 | 4 | <10 | 16 |
| M170606 | 0.01 | 14 | 220 | 3 | 0.01 | <2 | 2 | 18 | <0.01 | <10 | <10 | 4 | <10 | 17 |
| M170607 | 0.12 | 151 | 270 | 24 | 0.63 | 5 | 10 | 68 | 0.18 | <10 | <10 | 59 | 10 | 96 |
| M170608 | 0.01 | 13 | 280 | 6 | 0.04 | <2 | 2 | 23 | <0.01 | <10 | <10 | 3 | <10 | 15 |
| M170609 | 0.01 | 13 | 470 | 4 | 0.06 | <2 | 2 | 17 | <0.01 | <10 | <10 | 6 | <10 | 17 |
| M170610 | 0.01 | 10 | 780 | 10 | 0.09 | <2 | 1 | 22 | <0.01 | <10 | <10 | 5 | <10 | 16 |
| M170611 | 0.01 | 16 | 490 | 5 | 0.04 | <2 | 2 | 13 | <0.01 | <10 | <10 | 4 | <10 | 17 |
| M170612 | 0.01 | 16 | 390 | 2 | 0.06 | <2 | 2 | 12 | <0.01 | <10 | <10 | 5 | <10 | 13 |
| M170613 | 0.01 | 17 | 220 | 11 | 0.22 | <2 | 2 | 16 | <0.01 | <10 | <10 | 4 | <10 | 12 |
| M170614 | 0.01 | 17 | 520 | 4 | 0.03 | <2 | 2 | 9 | <0.01 | <10 | <10 | 5 | <10 | 12 |
| M170615 | 0.01 | 19 | 330 | 5 | 0.02 | <2 | 2 | 18 | <0.01 | <10 | <10 | 4 | <10 | 17 |
| M170616 | 0.01 | 19 | 180 | 7 | 0.01 | <2 | 2 | 16 | <0.01 | <10 | <10 | 3 | <10 | 16 |
| M170617 | 0.01 | 15 | 230 | 8 | 0.04 | <2 | 2 | 16 | <0.01 | <10 | <10 | 4 | <10 | 21 |
| M170618 | 0.01 | 9 | 190 | 2 | 0.03 | <2 | 2 | 6 | <0.01 | <10 | <10 | 4 | <10 | 12 |
| M170619 | 0.01 | 12 | 490 | 2 | 0.05 | <2 | 2 | 24 | <0.01 | <10 | <10 | 3 | <10 | 17 |
| M170620 | 0.01 | 16 | 470 | <2 | 0.12 | <2 | 2 | 19 | <0.01 | <10 | <10 | 4 | <10 | 21 |
| M170621 | 0.01 | 16 | 170 | 2 | 0.20 | <2 | 2 | 25 | <0.01 | <10 | <10 | 5 | <10 | 18 |
| M170622 | 0.01 | 17 | 280 | 6 | 0.51 | <2 | 3 | 100 | <0.01 | <10 | <10 | 6 | <10 | 30 |
| M170623 | 0.01 | 25 | 110 | 292 | 1.03 | 2 | 2 | 22 | <0.01 | <10 | <10 | 5 | <10 | 38 |
| M170624 | 0.01 | 15 | 390 | 3 | 0.50 | <2 | 1 | 6 | <0.01 | <10 | <10 | 5 | <10 | 21 |
| M170625 | 0.01 | 19 | 290 | 17 | 1.43 | <2 | 2 | 12 | <0.01 | <10 | <10 | 4 | <10 | 40 |
| M170626 | 0.01 | 7 | 110 | 19 | 0.09 | <2 | 1 | 26 | <0.01 | <10 | <10 | 2 | <10 | 162 |
| M170627 | 0.01 | 5 | 100 | 79 | 0.14 | <2 | 1 | 25 | <0.01 | <10 | <10 | 2 | <10 | 290 |
| M170627A | 0.12 | 156 | 250 | 23 | 0.58 | 4 | 9 | 69 | 0.18 | <10 | <10 | 65 | 10 | 96 |
| M170628 | 0.01 | 11 | 120 | 62 | 0.27 | <2 | 1 | 16 | <0.01 | <10 | <10 | 2 | <10 | 142 |
| M170629 | 0.01 | 9 | 430 | 30 | 0.11 | <2 | 1 | 22 | <0.01 | <10 | <10 | 3 | <10 | 102 |

Comments: NSS is non-sufficient sample.



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Date: 25-Jul-2003
Account: NJY

Project: Z-03-07

CERTIFICATE OF ANALYSIS VA03025972

| Sample Description | Method Analyte Units LOR | ME-ICP41 Na % 0.01 | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 | ME-ICP41 Ti % 0.01 | ME-ICP41 Ti ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 |
|--------------------|-----------------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|
| M170630 | | 0.01 | 11 | 330 | 599 | 0.55 | <2 | 2 | 52 | <0.01 | <10 | <10 | 3 | <10 | 1525 |
| M170631 | | 0.01 | 10 | 120 | 445 | 0.41 | 4 | 2 | 38 | <0.01 | <10 | <10 | 4 | <10 | 3210 |
| M170632 | | 0.01 | 15 | 260 | 20 | 0.12 | <2 | 3 | 45 | <0.01 | <10 | <10 | 6 | <10 | 252 |
| M170633 | | 0.01 | 12 | 370 | 11 | 0.10 | <2 | 2 | 18 | <0.01 | <10 | <10 | 5 | <10 | 77 |
| M170634 | | 0.01 | 16 | 130 | 10 | 0.15 | <2 | 2 | 23 | <0.01 | <10 | <10 | 3 | <10 | 107 |
| M170635 | | 0.01 | 11 | 150 | 38 | 0.10 | <2 | 2 | 18 | <0.01 | <10 | <10 | 4 | <10 | 213 |
| M170636 | | 0.01 | 10 | 330 | 1120 | 0.54 | 72 | 2 | 18 | <0.01 | <10 | <10 | 6 | <10 | 741 |
| M170637 | | 0.01 | 5 | 360 | 37 | 0.19 | <2 | 1 | 6 | <0.01 | <10 | <10 | 4 | <10 | 65 |
| M170638 | | 0.01 | 12 | 150 | 52 | 1.00 | 2 | 1 | 3 | <0.01 | <10 | <10 | 5 | <10 | 53 |
| M170639 | | 0.01 | 26 | 30 | 234 | 2.64 | <2 | <1 | 1 | <0.01 | <10 | <10 | 2 | <10 | 14 |
| M170640 | | 0.01 | 16 | 20 | 28 | 1.59 | <2 | <1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 2 |
| M170641 | | 0.01 | 12 | 50 | 477 | 0.62 | 2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 35 |
| M170642 | | <0.01 | 14 | 30 | 284 | 1.12 | <2 | 1 | 1 | <0.01 | <10 | <10 | 3 | <10 | 2 |
| M170643 | | <0.01 | 38 | 30 | 1220 | 3.48 | 2 | <1 | 2 | <0.01 | <10 | <10 | 3 | <10 | 1050 |
| M170644 | | 0.01 | 81 | 100 | 577 | 1.84 | <2 | <1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 45 |
| M170645 | | 0.01 | 137 | 120 | 303 | 3.65 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 13 |
| M170646 | | 0.01 | 71 | 20 | 611 | 3.31 | 28 | <1 | 2 | <0.01 | <10 | <10 | 4 | <10 | 46 |
| M170647 | | 0.01 | 27 | 120 | 152 | 1.48 | <2 | 1 | 3 | <0.01 | <10 | <10 | 4 | <10 | 13 |
| M170648 | | 0.06 | 15 | 610 | 34 | 1.05 | <2 | 7 | 58 | 0.08 | <10 | <10 | 79 | <10 | 100 |
| M170649 | | 0.01 | 15 | 60 | 17 | 0.61 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 9 |
| M170650 | | 0.01 | 19 | 230 | 13 | 1.73 | <2 | 1 | 3 | <0.01 | <10 | <10 | 5 | <10 | 8 |
| M170651 | | 0.01 | 38 | 270 | 22 | 3.95 | <2 | 1 | 2 | <0.01 | <10 | <10 | 9 | <10 | 9 |
| M170652 | | 0.01 | 10 | 360 | 26 | 0.28 | <2 | 1 | 5 | <0.01 | <10 | <10 | 7 | <10 | 7 |
| M170653 | | 0.01 | 28 | 740 | 470 | 0.97 | <2 | 2 | 14 | <0.01 | <10 | <10 | 5 | <10 | 418 |
| M170654 | | 0.01 | 16 | 950 | 22 | 0.97 | <2 | 2 | 20 | <0.01 | <10 | <10 | 5 | <10 | 23 |
| M170655 | | 0.01 | 77 | 500 | 25 | 7.50 | 2 | 1 | 4 | <0.01 | <10 | <10 | 6 | <10 | 35 |
| M170656 | | 0.01 | 96 | 80 | 32 | >10.0 | <2 | <1 | 2 | <0.01 | <10 | <10 | 5 | <10 | 8 |
| M170657 | | <0.01 | 31 | 70 | 31 | 2.68 | <2 | 1 | 2 | <0.01 | <10 | <10 | 5 | <10 | 10 |
| M170658 | | 0.01 | 13 | 250 | 13 | 0.49 | <2 | 1 | 5 | <0.01 | <10 | <10 | 4 | <10 | 45 |
| M170659 | | 0.01 | 7 | 330 | 2 | 0.03 | <2 | 2 | 18 | <0.01 | <10 | <10 | 3 | <10 | 22 |
| M170660 | | 0.01 | 9 | 80 | 2 | 0.03 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 13 |
| M170661 | | 0.01 | 11 | 80 | 11 | 0.18 | <2 | 1 | 6 | <0.01 | <10 | <10 | 3 | <10 | 41 |
| M170662 | | 0.01 | 12 | 650 | 61 | 0.06 | <2 | 2 | 7 | <0.01 | <10 | <10 | 3 | <10 | 97 |
| M170663 | | 0.01 | 9 | 200 | 24 | 0.01 | <2 | 1 | 11 | <0.01 | <10 | <10 | 1 | <10 | 47 |
| M170664 | | 0.02 | 11 | 170 | 73 | 0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 61 |
| M170665 | | 0.02 | 12 | 340 | 2 | 0.05 | <2 | 1 | 14 | <0.01 | <10 | <10 | 3 | <10 | 20 |
| M170666 | | 0.02 | 12 | 680 | 10 | 0.03 | <2 | 1 | 16 | <0.01 | <10 | <10 | 2 | <10 | 54 |
| M170667 | | 0.16 | 14 | 1880 | 4 | 0.10 | <2 | 13 | 79 | 0.27 | <10 | <10 | 207 | <10 | 52 |
| M170668 | | 0.02 | 13 | 450 | 5 | 0.03 | <2 | 1 | 13 | <0.01 | <10 | <10 | 3 | <10 | 22 |
| M170669 | | 0.01 | 11 | 130 | <2 | 0.03 | <2 | 1 | 7 | <0.01 | <10 | <10 | 3 | <10 | 31 |

Comments: NSS is non-sufficient sample.



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CERTIFICATE OF ANALYSIS VA03025972

| Sample Description | Method Analyte Units LOR | ME-ICP41 Na % 0.01 | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 | ME-ICP41 Ti % 0.01 | ME-ICP41 Ti ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 |
|--------------------|-----------------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|
| M170670 | | 0.01 | 21 | 220 | 13 | 0.03 | <2 | 1 | 6 | <0.01 | <10 | <10 | 3 | <10 | 54 |
| M170671 | | 0.01 | 18 | 140 | 11 | 0.90 | <2 | 1 | 5 | <0.01 | <10 | <10 | 5 | <10 | 14 |
| M170672 | | 0.01 | 8 | 220 | 2 | 0.18 | <2 | 1 | 9 | <0.01 | <10 | <10 | 5 | <10 | 10 |
| M170673 | | 0.01 | 17 | 300 | 7 | 0.27 | <2 | 1 | 12 | <0.01 | <10 | <10 | 4 | <10 | 28 |
| M170674 | | 0.01 | 17 | 210 | 27 | 0.04 | <2 | 1 | 7 | <0.01 | <10 | <10 | 4 | <10 | 69 |
| M170675 | | 0.01 | 11 | 160 | 8 | 0.04 | <2 | 1 | 13 | <0.01 | <10 | <10 | 2 | <10 | 58 |
| M170676 | | 0.01 | 19 | 230 | 54 | 1.01 | <2 | 1 | 29 | <0.01 | <10 | <10 | 5 | <10 | 51 |
| M170677 | | 0.02 | 10 | 130 | 7 | 0.09 | <2 | 1 | 12 | <0.01 | <10 | <10 | 2 | <10 | 17 |
| M170678 | | 0.06 | 9 | 70 | 5 | 0.06 | <2 | <1 | 10 | <0.01 | <10 | <10 | 2 | <10 | 15 |
| M170679 | | 0.02 | 14 | 470 | 4 | 0.04 | <2 | 1 | 18 | <0.01 | <10 | <10 | 3 | <10 | 15 |
| M170680 | | 0.01 | 15 | 330 | 31 | 0.18 | <2 | 1 | 6 | <0.01 | <10 | <10 | 3 | <10 | 85 |
| M170681 | | 0.01 | 16 | 430 | 27 | 0.18 | <2 | 1 | 37 | <0.01 | <10 | <10 | 3 | <10 | 32 |
| M170682 | | 0.02 | 15 | 260 | 5 | 0.03 | <2 | 1 | 11 | <0.01 | <10 | <10 | 3 | <10 | 46 |
| M170683 | | 0.03 | 13 | 260 | 2 | 0.03 | <2 | 1 | 15 | <0.01 | <10 | <10 | 3 | <10 | 36 |
| M170684 | | 0.02 | 14 | 690 | <2 | 0.04 | <2 | 2 | 17 | <0.01 | <10 | <10 | 5 | <10 | 20 |
| M170685 | | 0.01 | 12 | 320 | <2 | 0.07 | <2 | 1 | 12 | <0.01 | <10 | <10 | 3 | <10 | 11 |
| M170686 | | 0.05 | 16 | 640 | 32 | 1.10 | <2 | 7 | 60 | 0.08 | <10 | <10 | 72 | <10 | 102 |
| M170687 | | 0.01 | 13 | 230 | 2 | 0.06 | <2 | 1 | 17 | <0.01 | <10 | <10 | 3 | <10 | 40 |
| M170688 | | 0.02 | 10 | 200 | <2 | <0.01 | <2 | 1 | 13 | <0.01 | <10 | <10 | 3 | <10 | 19 |
| M170689 | | 0.02 | 13 | 260 | <2 | 0.02 | <2 | 1 | 8 | <0.01 | <10 | <10 | 4 | <10 | 46 |
| M170690 | | 0.02 | 14 | 520 | <2 | 0.01 | <2 | 2 | 14 | <0.01 | <10 | <10 | 4 | <10 | 24 |
| M170691 | | 0.02 | 16 | 460 | <2 | <0.01 | <2 | 1 | 10 | <0.01 | <10 | <10 | 3 | <10 | 23 |
| M170692 | | 0.02 | 15 | 320 | 3 | 0.01 | <2 | 1 | 10 | <0.01 | <10 | <10 | 3 | <10 | 27 |
| M170693 | | 0.03 | 11 | 220 | 3 | 0.05 | <2 | 1 | 11 | <0.01 | <10 | <10 | 2 | <10 | 24 |
| M170694 | | 0.02 | 18 | 600 | <2 | 0.01 | <2 | 2 | 11 | <0.01 | <10 | <10 | 4 | <10 | 34 |
| M170695 | | 0.02 | 9 | 150 | <2 | <0.01 | <2 | 1 | 15 | <0.01 | <10 | <10 | 2 | <10 | 18 |
| M170696 | | 0.01 | 14 | 370 | <2 | <0.01 | <2 | 1 | 8 | <0.01 | <10 | <10 | 3 | <10 | 32 |
| M170697 | | 0.01 | 16 | 380 | <2 | <0.01 | <2 | 1 | 9 | <0.01 | <10 | <10 | 3 | <10 | 28 |
| M170698 | | 0.01 | 12 | 270 | <2 | <0.01 | <2 | 1 | 16 | <0.01 | <10 | <10 | 2 | <10 | 33 |
| M170699 | | 0.01 | 12 | 360 | <2 | 0.02 | <2 | 1 | 17 | <0.01 | <10 | <10 | 3 | <10 | 37 |
| M170700 | | 0.01 | 11 | 520 | 2 | 0.05 | 3 | 1 | 16 | <0.01 | <10 | <10 | 3 | <10 | 31 |
| M170701 | | 0.01 | 10 | 350 | 7 | 0.06 | <2 | 1 | 20 | <0.01 | <10 | <10 | 2 | <10 | 36 |
| M170702 | | 0.01 | 11 | 270 | 4 | 0.03 | <2 | 1 | 24 | <0.01 | <10 | <10 | 2 | <10 | 38 |
| M170703 | | 0.02 | 10 | 170 | 3 | 0.02 | <2 | 1 | 13 | <0.01 | <10 | <10 | 2 | <10 | 48 |
| M170704 | | 0.02 | 12 | 270 | 6 | 0.22 | <2 | 1 | 20 | <0.01 | <10 | <10 | 2 | <10 | 43 |
| M170705 | | 0.01 | 9 | 520 | 20 | 0.09 | <2 | 1 | 29 | <0.01 | <10 | <10 | 2 | <10 | 33 |
| M170706 | | 0.04 | 7 | 100 | 2 | 0.02 | <2 | <1 | 11 | <0.01 | <10 | <10 | 1 | <10 | 13 |
| M170707 | | 0.02 | 8 | 190 | 17 | 0.45 | <2 | 1 | 24 | <0.01 | <10 | <10 | 2 | <10 | 13 |
| M170708 | | 0.14 | 15 | 1740 | 2 | 0.09 | <2 | 11 | 73 | 0.25 | <10 | <10 | 193 | <10 | 49 |
| M170709 | | 0.04 | 7 | 210 | 2 | 0.06 | <2 | 1 | 20 | <0.01 | <10 | <10 | 2 | <10 | 17 |

Comments: NSS is non-sufficient sample.



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Page #: 6 - C
Total # of pages : 6 (A - C)
Date : 25-Jul-2003
Account: NJY

Project : Z-03-07

CERTIFICATE OF ANALYSIS **VA03025972**

| Sample Description | Method | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-------------------------|----------|-----------|----------|-----------|----------|-----------|-----------|-----------|----------|-----------|----------|----------|----------|-----------|
| | Analyte Units LOR | Na % | NI ppm | P ppm | Pb ppm | S % | Sb ppm | Sc ppm | Sr ppm | Ti % | Ti ppm | U ppm | V ppm | W ppm | Zn ppm |
| M170710 | | 0.01 | 1 | 10 | 2 | 0.01 | 2 | 1 | 1 | 0.01 | 10 | 10 | 1 | 10 | 2 |
| | | 0.01 | 16 | 90 | 111 | >10.0 | <2 | 2 | 174 | <0.01 | <10 | <10 | 3 | <10 | 29 |

Comments: NSS is non-sufficient sample.

GEOLOGICAL SURVEY BRANCH ASSESSMENT REPORT

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-08

LENGTH: 164.6 M.

| | | | |
|---------------------------------|----------------------------|------------------------|-----------------------------|
| PROPERTY: ZINGER | | HORI. COMP: 115.96 | DRILL CONTRACTOR: |
| LOCATION: BIG LEDGE ARSENIC PIT | | VERT. COMP: 115.96 | LONE RANGER |
| COMMENCED: July 18, 2003 | COMPLETED: July 21, 2003 | CORR. DIP: -45 | CORE SIZE: NQ |
| COORDS: Long. | Lat. | TRUE BEARING: 255° Azi | CASING: 1.5 METERS |
| COORDS: UTM (E) | (N) (EL) | %RECOVERY: | CORE STORAGE: VINE PROPERTY |
| COORDS: Grid (E) | (N) (EL) | LOGGED DATE: July 2003 | |
| ELEVATION: Approx. 1070 meters | COLLAR: Dip: 45° Azi: 255° | LOGGED BY: D.L. Pighin | |
| OBJECTIVE: | | | |
| SURVEYS: Depth: | Dip: Azi: | Type: | |
| ADDITIONAL SURVEYS: | | | |
| Depth: | Dip: Azi: | | |

| From | To | LITHOLOGY: Quartzite, with minor wispy argillite partings. |
|------|------|--|
| 1.5 | 78.5 | COLOR: Light greenish gray and light maroon quartzite, with some yellowish green and dark maroon banding and lineations. |
| | | PRIMARY STRUCTURE: Medium to thin bedded, rarely very thin bedded. Bedding is distinct wispy, wavy to distorted. Distortion is generally due to soft sediment deformation and later tectonics. |
| | | TECTONIC STRUCTURE: From 1.5 m to 25.0 m bedding to core axis is generally 5°, from 25.0 to 27.0 bedding to core is 87°. 27.0 to 40.0 bedding to core = 5°, from 41.5 to 45.5 generally 80° to core, from 45.5 to 68.0 = 5°. Dominate quartz filled fractures to core are 59°, 015° and 30°, at 65.9 m dark green chlorite matrix breccia zone cuts core at 28°. Fractures which cut core at 50° to 60° are younger than those at 15° to core. |
| | | Broken sheared ground from 73.5 to 78.5 shearing at 35° to core axis. |
| | | GENERAL ALTERATION: Intensely silicified and sericitized (yellow & green sericite). |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Very rare thin quartz - carbonate - pyrite veinlets are scattered throughout the section, these pyritic veinlets are generally at 50° to 65° to core. Earlier veins at 15° to 30° to core host hematite and pyrite. (ie;) From 20.11 to 21.10 and at 62.5 a 4 mm thick massive tetrahedrite - chalcopyrite vein cuts core at 18°. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|---|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 20.1 | 21.1 | 0 | Quartzite with scattered quartz - Specularite - Pyrite veinlets. | M | 170713 | 1 | <0.05 | <0.2 | 5 | <2 | 8 | 3 |
| 41.5 | 42.5 | 0 | Quartzite, sericitized by (yellowish green sericite) with scattered quartz - pyrite - carbonate veinlets, and disseminated pyrite in sediments. | M | 170714 | 1 | <0.05 | <0.2 | 4 | <2 | 10 | 2 |
| 42.5 | 43.5 | 0 | Quartzite, sericitized by (yellowish green sericite) with scattered quartz - pyrite - carbonate veinlets, and disseminated pyrite in sediments. | M | 170715 | 1 | <0.05 | <0.2 | 5 | <2 | 10 | 6 |
| 43.5 | 44.5 | 0 | Quartzite, sericitized by (yellowish green sericite) with scattered quartz - pyrite - carbonate veinlets, and disseminated pyrite in sediments. | M | 170716 | 1 | <0.05 | <0.2 | 25 | <2 | 18 | 5 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-08

LENGTH: 164.6 M.

| From | To | %Core Loss | Comments | | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|---|---|------------|-------|--------|--------|--------|--------|--------|--------|
| STND | | | 62 PA | M | 170717 | | NSS | 21.4 | 20 | 30 | 104 | 166 |
| 76.5 | 77.5 | 0 | Quartzite, sericitized by (yellowish green sericite) with scattered quartz - pyrite - carbonate veinlets, and disseminated pyrite in sediments. | M | 170718 | 1 | <0.05 | <0.2 | 6 | 2 | 312 | 2 |
| 77.5 | 78 | 0 | Quartzite, sericitized by (yellowish green sericite) with scattered quartz - pyrite - carbonate veinlets, and disseminated pyrite in sediments. | M | 170719 | 0.5 | <0.05 | <0.2 | 11 | 4 | 45 | 4 |
| 78 | 78.5 | 0 | Quartzite, sericitized by (yellowish green sericite) with scattered quartz - pyrite - carbonate veinlets, and disseminated pyrite in sediments. | M | 170720 | 0.5 | 0.09 | <0.2 | 6 | 4 | 14 | 2 |

| From | To | LITHOLOGY: Quartz - pyrite vein. The quartz vein consists white drusy quartz, some sericitized sediment clasts near the basal contacts. Vugs are generally lined by clear quartz crystals. |
|------|------|--|
| 78.5 | 83.5 | COLOR: White to gray, some reddish brown limonite staining. |
| | | Nil: |
| | | TECTONIC STRUCTURE: Top contact is marked by 30 cm. of fault gouge, base contact is sharp and cuts core at 28°. |
| | | GENERAL ALTERATION: Late sericite is abundant in the quartz where it forms irregular to stylolitic hairline partings in the quartz and around pyrite mineralization. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: The quartz vein hosts abundant euhedral pyrite, minor galena, sphalerite and rare chalcopyrite. The best pyrite, galena and sphalerite mineralization is from 79.0 to 80.5. |
| | | 78.5 to 79.0 is mostly fault gouge with some pyrite, 80.5 to 83.5 is mainly limonite. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|---|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 78.5 | 79 | 0 | Quartz - pyrite vein (mainly soft pyretic fault gouge). | M | 170721 | 0.5 | <0.05 | 5.4 | 16 | 2010 | 183 | 231 |
| 79 | 79.5 | 0 | Quartz - pyrite vein, abundant pyrite up to 30% by volume with some disseminated galena and sphalerite. | M | 170722 | 0.5 | 1.12 | 1.2 | 219 | 862 | 62 | 21 |
| 79.5 | 80 | 0 | Quartz - pyrite vein, abundant pyrite up to 30% by volume with some disseminated galena and sphalerite. | M | 170723 | 0.5 | 0.4 | 1.4 | 135 | 301 | 64 | 26 |
| 80 | 80.5 | 0 | Quartz - pyrite vein, abundant pyrite up to 30% by volume with some disseminated galena and sphalerite. | M | 170724 | 0.5 | <0.05 | 0.2 | 51 | 718 | 122 | 20 |
| 80.5 | 81 | 0 | Quartz - pyrite vein, mainly limonite after pyrite. | M | 170725 | 0.5 | <0.05 | 1.6 | 18 | 180 | 36 | 13 |
| 81 | 81.5 | 0 | Quartz - pyrite vein, mainly limonite after pyrite. | M | 170726 | 0.5 | <0.05 | 2.3 | 35 | 1285 | 50 | 13 |
| 81.5 | 82 | 0 | Quartz - pyrite vein, mainly limonite after pyrite. | M | 170727 | 0.5 | <0.05 | <0.2 | 21 | 70 | 20 | 15 |
| 82 | 82.5 | 0 | Quartz - pyrite vein, mainly limonite after pyrite. | M | 170728 | 0.5 | <0.05 | <0.2 | 62 | 70 | 29 | 11 |
| 82.5 | 83 | 60 | Quartz - pyrite vein, mainly limonite after pyrite. | M | 170729 | 0.5 | 0.05 | <0.2 | 73 | 24 | 24 | 15 |
| 83 | 83.5 | 40 | Quartz - pyrite vein, mainly limonite after pyrite. | M | 170730 | 0.5 | <0.05 | <0.2 | 21 | 10 | 26 | 10 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z-03-08
LENGTH: 164.6 M.

| From | To | LITHOLOGY: Brecciated sediments healed by pyrite and quartz. |
|------|------|--|
| 83.5 | 91.5 | COLOR: Late brownish gray cut by dark brown veinlets. |
| | | PRIMARY STRUCTURE: Nil. |
| | | TECTONIC STRUCTURE: Dominate fracture in breccia structure is 28° to 30° to core, minor fractures at 5° to core axis, fracture density ranges between 3 fractures per 10 cm to 20 fractures per 10 cm. At 94.5 10 cm. thick zone of soft fault gouge cuts core at 20°. |
| | | GENERAL ALTERATION: Sericitization and silicification. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Veinlets which form the breccia are mainly pyrite and limonite after pyrite. Veinlets range between 2 mm and 10 mm. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 83.5 | 84 | 0 | Brecciated sediments healed by pyrite and lesser quartz. | M 170731 | 0.5 | <0.05 | 0.3 | 17 | 3 | 48 | 7 |
| 84 | 84.5 | 20 | Brecciated sediments healed by pyrite and lesser quartz. | M 170732 | 0.5 | <0.05 | 0.3 | 27 | 7 | 33 | 12 |
| 84.5 | 85 | 60 | Brecciated sediments healed by pyrite and lesser quartz. | M 170733 | 0.5 | 0.07 | 0.4 | 79 | 10 | 51 | 16 |
| 85 | 85.5 | 0 | Brecciated sediments healed by pyrite and lesser quartz. | M 170734 | 0.5 | <0.05 | 0.4 | 25 | 40 | 98 | 20 |
| 85.5 | 86 | 0 | Brecciated sediments healed by pyrite and lesser quartz. | M 170735 | 0.5 | <0.05 | 0.5 | 14 | 104 | 63 | 14 |
| 86 | 86.5 | 80 | Brecciated sediments healed by pyrite and lesser quartz. | M 170736 | 0.5 | 0.05 | 2.1 | 14 | 248 | 48 | 46 |
| 86.5 | 87 | 0 | Brecciated sediments healed by pyrite and lesser quartz. | M 170737 | 0.5 | 0.12 | 2.3 | 21 | 205 | 59 | 174 |
| 87 | 87.5 | 0 | Brecciated sediments healed by pyrite and lesser quartz. | M 170738 | 0.5 | <0.05 | 0.3 | 10 | 65 | 96 | 40 |
| 87.5 | 88 | 0 | Brecciated sediments healed by pyrite and lesser quartz. | M 170739 | 0.5 | <0.05 | 0.6 | 19 | 204 | 313 | 10 |
| 88 | 88.5 | 0 | Brecciated sediments healed by pyrite and lesser quartz. | M 170740 | 0.5 | 0.29 | 1.5 | 102 | 208 | 201 | 33 |
| STND | | | | M 170741 | 0.5 | NSS | <0.2 | 2250 | 28 | 14 | 33 |
| 88.5 | 89 | 0 | Brecciated sediments healed by pyrite and lesser quartz. | M 170742 | 0.5 | 0.33 | 0.4 | 233 | 31 | 211 | 12 |
| 89 | 89.5 | 0 | Brecciated sediments healed by pyrite and lesser quartz. | M 170743 | 0.5 | 0.41 | 0.7 | 148 | 103 | 89 | 45 |
| 89.5 | 90 | 0 | Brecciated sediments healed by pyrite and lesser quartz. | M 170744 | 0.5 | 0.31 | 0.4 | 132 | 78 | 79 | 32 |
| 90 | 90.5 | 0 | Brecciated sediments healed by pyrite and lesser quartz. | M 170745 | 0.5 | <0.05 | <0.2 | 4 | 4 | 48 | 3 |
| 90.5 | 91 | 0 | Brecciated sediments healed by pyrite and lesser quartz. | M 170746 | 0.5 | <0.05 | <0.2 | 4 | <2 | 23 | 7 |
| 91 | 91.5 | 0 | Brecciated sediments healed by pyrite and lesser quartz. | M 170747 | 0.5 | <0.05 | <0.2 | 4 | 2 | 39 | 5 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z-03-08
LENGTH: 164.6 M.

| From | To | LITHOLOGY: Quartzite with thin argillite partings. |
|------|-------|--|
| 91.5 | 107.7 | COLOR: Light gray to light greenish gray with yellowish green argillite partings. |
| | | PRIMARY STRUCTURE: Thin to very thin bedded, bedding is distinct, and distorted by cleavage. Bedding to core at 100.0 = 5°. |
| | | TECTONIC STRUCTURE: Widely scattered thin quartz pyrite fractures cut core at 42°, 57°. |
| | | GENERAL ALTERATION: Thin argillite beds and partings are altered to yellowish green sericite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Pyrite occurs as weak fine disseminations in the sediments. And in thin quartz carbonate veinlets, rare tetrahedrite in fracture at 98.5 m. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 91.5 | 92.5 | 0 | Pyrite weakly disseminated in altered sediments, rare tetrahedrite, in hairline veinlets. | M 170748 | 1 | <0.05 | <0.2 | 2 | 2 | 19 | 2 |
| 92.5 | 93.5 | 0 | Pyrite weakly disseminated in altered sediments, rare tetrahedrite, in hairline veinlets. | M 170749 | 1 | <0.05 | <0.2 | <2 | 75 | 35 | 16 |
| 93.5 | 94.5 | 0 | Pyrite weakly disseminated in altered sediments, rare tetrahedrite, in hairline veinlets. | M 170750 | 1 | <0.05 | <0.2 | <2 | 2 | 42 | 2 |
| 94.5 | 95.5 | 0 | | M 170751 | 1 | <0.05 | <0.2 | <2 | 3 | 33 | 1 |
| 95.5 | 96.5 | 0 | | M 170752 | 1 | <0.05 | <0.2 | <2 | 4 | 35 | 3 |
| 96.5 | 97.5 | 0 | | M 170753 | 1 | <0.05 | <0.2 | <2 | <2 | 36 | 3 |
| 97.5 | 98.5 | 0 | | M 170754 | 1 | <0.05 | <0.2 | 5 | <2 | 26 | 163 |
| 98.5 | 99.5 | 0 | | M 170755 | 1 | <0.05 | <0.2 | 2 | 15 | 21 | 12 |
| 102.7 | 103.7 | 0 | | M 170756 | 1 | <0.05 | <0.2 | <2 | <2 | 21 | 3 |
| 103.7 | 104.4 | 0 | | M 170757 | 0.7 | <0.05 | <0.2 | <2 | 5 | 11 | 11 |
| 104.4 | 105.4 | 0 | | M 170758 | 1 | <0.05 | <0.2 | <2 | 3 | 15 | 5 |
| STND | | | 50 P A | M 170759 | | NSS | 2.4 | 3 | <2 | 52 | 7150 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-08

LENGTH: 164.6 M.

| From | To | LITHOLOGY: Quartzite lesser interbedded argillite. Section 15% argillite. |
|-------|-------|--|
| 107.7 | 138.3 | COLOR: Light maroon and light gray quartzite with dark maroon lineation, argillite generally yellowish green. |
| | | PRIMARY STRUCTURE: Medium to very thin bedded, bedding is distinct generally sharp and wavy. Wavy to distorted bedding is mainly the result of soft sediment deformation. Quartzites are very fine grained and are commonly convolutedly laminated. |
| | | TECTONIC STRUCTURE: Bedding to core at 106.0 = 10°, @ 114.0 = 13°, @ 130.0 = 9°. Widely scattered thin quartz filled fractures at 49°, 32° and rarely 20°, weak crackle brecciation locally. |
| | | GENERAL ALTERATION: Quartzites are intensely silicified with finely disseminated yellowish sericite. Thin argillite beds, and partings are totally altered to yellowish gray sericite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Thin quartz – carbonate veinlets all contain disseminated pyrite, and locally pyrite is very weakly disseminated in altered sediments. 103.7 – 104.4 white bull quartz vein cuts core at 18°. The vein is very weakly mineralized by disseminated pyrite. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | LITHOLOGY: Argillite, interbedded siltstone and quartzite (unit is 70% argillite). |
|--------|-------|--|
| 138.3 | 164.6 | COLOR: Thinly and wispily banded light green light maroon with local sections of gray and dark purple lamination. |
| END OF | HOLE | PRIMARY STRUCTURE: Thin to very thin bedded, bedding is sharp and wavy to lenticular. Argillite beds are finely current laminated, due to abundant small scale ripple structures. Most ripples show very finely developed cross bedding. |
| | | TECTONIC STRUCTURE: Bedding to core axis at 132.0 = 5°, at 141.5 = 015° @ 147.0 = 16°, @ 164.0 = 17°. |
| | | GENERAL ALTERATION: Argillite is mainly altered to light green. Sericite and some of the siltstone are intensely silicified. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Minor patches of very weakly disseminated pyrite. |
| | | ADDITIONAL OBSERVATIONS: |



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Page #: 1
Date : 29-Jul-2003
Account: NJY

CERTIFICATE VA03026815

Project : Z-03-08

P.O. No:

This report is for 49 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 23-Jul-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| CRU-21 | Crush entire sample 70% < 6 mm |
| PUL-21 | Pulverize entire sample |
| LOG-24 | Pulp Login - Rod w/o Barcode |
| SCR-21 | Screen to -100 um |
| LOG-22 | Sample login - Rod w/o BarCode |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



ALS Chemex

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Page #: 2 - A
Total # of pages : 3 (A - C)
Date : 29-Jul-2003
Account: NJY

Project : Z-03-08

CERTIFICATE OF ANALYSIS VA03026815

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M170711 | | 2.36 | 0.13 | 0.14 | 0.13 | 0.002 | 14.25 | 2245 | 0.12 | 0.13 | <0.2 | 0.44 | 4 | <10 | 90 | <0.5 |
| M170712 | | 2.24 | 0.20 | 0.28 | 0.20 | 0.008 | 29.07 | 2140 | 0.17 | 0.22 | <0.2 | 0.45 | 4 | <10 | 60 | <0.5 |
| M170713 | | 2.56 | <0.05 | <0.05 | <0.05 | <0.001 | 22.21 | 2462 | 0.02 | 0.05 | <0.2 | 0.12 | 5 | <10 | 320 | <0.5 |
| M170714 | | 2.32 | <0.05 | <0.05 | <0.05 | <0.001 | 17.02 | 2240 | <0.01 | <0.01 | <0.2 | 0.27 | 4 | <10 | 30 | <0.5 |
| M170715 | | 2.62 | <0.05 | <0.05 | <0.05 | <0.001 | 27.48 | 2512 | <0.01 | 0.01 | <0.2 | 0.29 | 5 | <10 | 30 | <0.5 |
| M170716 | | 2.42 | <0.05 | <0.05 | <0.05 | <0.001 | 20.39 | 2319 | 0.03 | 0.03 | <0.2 | 0.27 | 25 | <10 | 20 | <0.5 |
| M170717 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 9.90 | 9.65 | 21.4 | 2.14 | 20 | <10 | 100 | <0.5 |
| M170718 | | 1.74 | <0.05 | <0.05 | <0.05 | <0.001 | 19.70 | 1657.0 | <0.01 | 0.01 | <0.2 | 0.34 | 6 | <10 | 30 | <0.5 |
| M170719 | | 0.88 | <0.05 | <0.05 | <0.05 | <0.001 | 9.72 | 779.3 | <0.01 | 0.01 | <0.2 | 0.36 | 11 | <10 | 40 | <0.5 |
| M170720 | | 0.96 | 0.09 | <0.05 | 0.09 | <0.001 | 7.56 | 899.0 | 0.15 | 0.03 | <0.2 | 0.33 | 6 | <10 | 50 | <0.5 |
| M170721 | | 1.10 | <0.05 | <0.05 | <0.05 | <0.001 | 22.67 | 991.9 | 0.04 | 0.04 | 5.4 | 0.24 | 16 | <10 | 20 | <0.5 |
| M170722 | | 1.16 | 1.12 | 3.68 | 1.12 | 0.012 | 3.26 | 1111.0 | 1.29 | 0.94 | 1.2 | 0.10 | 219 | <10 | 10 | <0.5 |
| M170723 | | 1.26 | 0.40 | 0.28 | 0.40 | 0.005 | 18.09 | 1131.5 | 0.39 | 0.41 | 1.4 | 0.09 | 135 | <10 | 10 | <0.5 |
| M170724 | | 1.34 | <0.05 | <0.05 | <0.05 | <0.001 | 7.93 | 1269.0 | 0.02 | 0.03 | 1.2 | 0.15 | 51 | <10 | 20 | <0.5 |
| M170725 | | 1.12 | <0.05 | <0.05 | <0.05 | <0.001 | 18.83 | 1033.0 | <0.01 | 0.01 | 1.6 | 0.06 | 18 | <10 | 20 | <0.5 |
| M170726 | | 1.08 | <0.05 | 0.48 | <0.05 | 0.003 | 6.19 | 1005.0 | 0.01 | 0.02 | 2.3 | 0.06 | 36 | <10 | 10 | <0.5 |
| M170727 | | 1.18 | <0.05 | <0.05 | <0.05 | 0.001 | 25.02 | 1092.0 | <0.01 | <0.01 | <0.2 | 0.09 | 21 | <10 | 10 | <0.5 |
| M170728 | | 1.58 | <0.05 | <0.05 | <0.05 | <0.001 | 20.04 | 1496.0 | <0.01 | 0.01 | <0.2 | 0.15 | 62 | <10 | 20 | <0.5 |
| M170729 | | 0.42 | 0.05 | <0.05 | 0.05 | <0.001 | 0.92 | 369.7 | 0.01 | 0.09 | <0.2 | 0.32 | 73 | <10 | 30 | <0.5 |
| M170730 | | 0.62 | <0.05 | <0.05 | <0.05 | <0.001 | 1.40 | 566.5 | 0.01 | <0.01 | <0.2 | 0.27 | 21 | <10 | 30 | <0.5 |
| M170731 | | 1.44 | <0.05 | <0.05 | <0.05 | <0.001 | 8.34 | 1348.0 | <0.01 | <0.01 | 0.3 | 0.18 | 17 | <10 | 30 | <0.5 |
| M170732 | | 0.98 | <0.05 | <0.05 | <0.05 | <0.001 | 5.00 | 909.7 | 0.01 | 0.03 | 0.3 | 0.27 | 27 | <10 | 40 | <0.5 |
| M170733 | | 0.62 | 0.07 | <0.05 | 0.07 | <0.001 | 1.30 | 565.2 | 0.07 | 0.07 | 0.4 | 0.29 | 79 | <10 | 40 | <0.5 |
| M170734 | | 1.02 | <0.05 | <0.05 | <0.05 | <0.001 | 3.97 | 958.2 | 0.03 | 0.04 | 0.4 | 0.25 | 25 | <10 | 60 | <0.5 |
| M170735 | | 1.08 | <0.05 | <0.05 | <0.05 | <0.001 | 4.80 | 1013.0 | 0.01 | 0.01 | 0.5 | 0.29 | 14 | <10 | 40 | <0.5 |
| M170736 | | 0.34 | 0.05 | 1.60 | <0.05 | 0.006 | 3.75 | 276.9 | 0.01 | 0.04 | 2.1 | 0.99 | 14 | 10 | 120 | <0.5 |
| M170737 | | 1.06 | 0.12 | <0.05 | 0.12 | <0.001 | 2.65 | 993.7 | 0.10 | 0.14 | 2.3 | 0.25 | 21 | <10 | 40 | <0.5 |
| M170738 | | 1.02 | <0.05 | <0.05 | <0.05 | <0.001 | 2.65 | 940.1 | <0.01 | 0.02 | 0.3 | 0.31 | 10 | <10 | 40 | <0.5 |
| M170739 | | 1.20 | <0.05 | <0.05 | <0.05 | 0.001 | 32.38 | 1075.0 | <0.01 | 0.01 | 0.6 | 0.36 | 19 | <10 | 60 | <0.5 |
| M170740 | | 1.14 | 0.29 | 0.63 | 0.29 | 0.002 | 3.18 | 1064.0 | 0.29 | 0.29 | 1.5 | 0.30 | 102 | <10 | 80 | <0.5 |
| M170741 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 2.83 | 3.12 | <0.2 | 0.75 | 2250 | 10 | 170 | 1.1 |
| M170742 | | 1.08 | 0.33 | 0.75 | 0.33 | 0.002 | 2.68 | 1029.0 | 0.33 | 0.33 | 0.4 | 0.27 | 233 | <10 | 40 | <0.5 |
| M170743 | | 1.06 | 0.41 | <0.05 | 0.42 | <0.001 | 2.16 | 972.3 | 0.45 | 0.38 | 0.7 | 0.31 | 148 | <10 | 50 | <0.5 |
| M170744 | | 0.98 | 0.31 | <0.05 | 0.32 | <0.001 | 4.62 | 912.9 | 0.32 | 0.31 | 0.4 | 0.35 | 132 | <10 | 60 | <0.5 |
| M170745 | | 1.18 | <0.05 | <0.05 | <0.05 | <0.001 | 20.14 | 1055.0 | <0.01 | 0.01 | <0.2 | 0.31 | 4 | <10 | 60 | <0.5 |
| M170746 | | 0.86 | <0.05 | <0.05 | <0.05 | <0.001 | 22.53 | 760.9 | 0.01 | 0.02 | <0.2 | 0.38 | 4 | <10 | 50 | <0.5 |
| M170747 | | 1.04 | <0.05 | <0.05 | <0.05 | <0.001 | 11.03 | 963.0 | 0.01 | 0.03 | <0.2 | 0.33 | 4 | <10 | 70 | <0.5 |
| M170748 | | 2.60 | <0.05 | <0.05 | <0.05 | <0.001 | 25.69 | 2427 | <0.01 | <0.01 | <0.2 | 0.20 | 2 | <10 | 40 | <0.5 |
| M170749 | | 2.24 | <0.05 | <0.05 | <0.05 | <0.001 | 29.33 | 2098 | <0.01 | 0.01 | <0.2 | 0.27 | <2 | <10 | 90 | <0.5 |
| M170750 | | 2.16 | <0.05 | <0.05 | <0.05 | <0.001 | 51.75 | 1901.5 | <0.01 | 0.01 | <0.2 | 0.26 | <2 | <10 | 30 | <0.5 |

Comments: NSS is non-sufficient sample.



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Project : Z-03-08

CERTIFICATE OF ANALYSIS VA03026815

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M170751 | | 2.32 | <0.05 | <0.05 | <0.05 | <0.001 | 23.74 | 2203 | <0.01 | <0.01 | <0.2 | 0.20 | <2 | <10 | 30 | <0.5 |
| M170752 | | 2.66 | <0.05 | 0.13 | <0.05 | 0.004 | 30.73 | 2512 | <0.01 | <0.01 | <0.2 | 0.35 | <2 | <10 | 40 | <0.5 |
| M170753 | | 2.72 | <0.05 | <0.05 | <0.05 | <0.001 | 32.11 | 2549 | <0.01 | 0.01 | <0.2 | 0.39 | <2 | <10 | 210 | <0.5 |
| M170754 | | 2.16 | <0.05 | <0.05 | <0.05 | <0.001 | 3.82 | 2096 | <0.01 | <0.01 | <0.2 | 0.29 | 5 | <10 | 80 | <0.5 |
| M170755 | | 2.60 | <0.05 | <0.05 | <0.05 | <0.001 | 5.74 | 2434 | 0.01 | 0.01 | <0.2 | 0.30 | 2 | <10 | 60 | <0.5 |
| M170756 | | 2.14 | <0.05 | <0.05 | <0.05 | <0.001 | 43.81 | 1949.0 | <0.01 | <0.01 | <0.2 | 0.25 | <2 | <10 | 30 | <0.5 |
| M170757 | | 1.26 | <0.05 | <0.05 | <0.05 | <0.001 | 10.22 | 1211.5 | <0.01 | 0.01 | <0.2 | 0.14 | <2 | <10 | 20 | <0.5 |
| M170758 | | 2.38 | <0.05 | <0.05 | <0.05 | <0.001 | 12.20 | 2186 | <0.01 | <0.01 | <0.2 | 0.36 | <2 | <10 | 60 | <0.5 |
| M170759 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 0.71 | 0.71 | 2.4 | 2.32 | 3 | 10 | 40 | 0.5 |

Comments: NSS is non-sufficient sample.



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Account: NJY

Project : Z-03-08

CERTIFICATE OF ANALYSIS VA03026815

| | Method Analyte Units LOR | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 |
|--------------------|-----------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| Sample Description | | | | | | | | | | | | | | | | |
| M170711 | | <2 | 0.29 | <0.5 | 10 | 8 | 4 | 2.30 | <10 | <1 | 0.28 | 30 | 0.65 | 943 | <1 | 0.01 |
| M170712 | | <2 | 0.43 | <0.5 | 10 | 7 | 3 | 2.23 | <10 | <1 | 0.29 | 30 | 0.62 | 1175 | 1 | 0.01 |
| M170713 | | <2 | 1.54 | <0.5 | 2 | 31 | 3 | 1.81 | <10 | <1 | 0.05 | 10 | 0.65 | 1140 | 2 | 0.04 |
| M170714 | | <2 | 0.66 | <0.5 | 3 | 15 | 2 | 1.05 | <10 | <1 | 0.16 | 20 | 0.51 | 214 | <1 | 0.02 |
| M170715 | | <2 | 1.01 | <0.5 | 4 | 15 | 6 | 1.11 | <10 | 1 | 0.20 | 20 | 0.89 | 274 | 1 | 0.01 |
| M170716 | | <2 | 0.78 | <0.5 | 10 | 18 | 5 | 1.57 | <10 | <1 | 0.18 | 30 | 0.73 | 360 | 1 | 0.01 |
| M170717 | | <2 | 1.32 | 3.0 | 20 | 28 | 166 | 3.53 | 10 | <1 | 0.27 | 10 | 0.98 | 825 | 25 | 0.06 |
| M170718 | | <2 | 0.03 | <0.5 | 14 | 17 | 2 | 1.35 | <10 | <1 | 0.15 | 30 | 0.16 | 473 | <1 | 0.02 |
| M170719 | | <2 | 0.03 | 1.1 | 2 | 36 | 4 | 0.49 | <10 | <1 | 0.16 | 40 | 0.03 | 47 | 1 | 0.01 |
| M170720 | | <2 | 0.01 | 0.7 | 4 | 4 | 2 | 0.34 | <10 | 1 | 0.25 | 30 | 0.03 | 48 | <1 | <0.01 |
| M170721 | | 2 | 0.04 | 35.0 | 12 | 70 | 231 | 0.78 | <10 | <1 | 0.12 | 10 | 0.06 | 8 | 2 | <0.01 |
| M170722 | | 2 | <0.01 | 2.5 | 16 | 8 | 21 | 5.18 | <10 | 1 | 0.06 | <10 | <0.01 | 18 | 3 | <0.01 |
| M170723 | | <2 | <0.01 | 2.4 | 14 | 71 | 26 | 4.94 | <10 | 1 | 0.07 | <10 | 0.01 | 18 | 7 | <0.01 |
| M170724 | | 2 | <0.01 | 2.6 | 85 | 6 | 20 | 1.48 | <10 | 1 | 0.11 | 10 | 0.01 | 9 | 1 | <0.01 |
| M170725 | | <2 | <0.01 | 0.7 | 4 | 90 | 13 | 0.64 | <10 | 1 | 0.05 | <10 | 0.01 | 8 | 5 | <0.01 |
| M170726 | | 2 | <0.01 | 1.4 | 28 | 7 | 13 | 1.48 | <10 | <1 | 0.04 | <10 | <0.01 | 11 | 1 | <0.01 |
| M170727 | | <2 | <0.01 | 0.6 | 2 | 72 | 15 | 0.29 | <10 | 1 | 0.08 | 10 | 0.01 | 8 | 2 | <0.01 |
| M170728 | | <2 | 0.01 | 1.9 | 3 | 5 | 11 | 0.48 | <10 | <1 | 0.14 | 20 | 0.01 | 10 | <1 | <0.01 |
| M170729 | | <2 | 0.01 | 2.1 | 3 | 9 | 15 | 1.11 | <10 | 1 | 0.21 | 10 | 0.02 | 21 | <1 | 0.01 |
| M170730 | | <2 | <0.01 | 0.9 | 5 | 7 | 10 | 0.81 | <10 | 1 | 0.20 | 20 | 0.02 | 24 | <1 | 0.01 |
| M170731 | | <2 | 0.01 | 1.5 | 4 | 5 | 7 | 0.61 | <10 | <1 | 0.15 | 20 | 0.01 | 19 | <1 | <0.01 |
| M170732 | | <2 | <0.01 | 1.9 | 2 | 4 | 12 | 0.62 | <10 | <1 | 0.21 | 30 | 0.02 | 16 | <1 | 0.01 |
| M170733 | | <2 | <0.01 | 2.8 | 4 | 5 | 16 | 1.54 | <10 | <1 | 0.22 | 20 | 0.02 | 41 | <1 | 0.01 |
| M170734 | | <2 | 0.01 | 4.3 | 5 | 4 | 20 | 1.01 | <10 | 1 | 0.20 | 60 | 0.02 | 112 | <1 | <0.01 |
| M170735 | | <2 | 0.03 | 1.4 | 3 | 3 | 14 | 0.71 | <10 | 1 | 0.20 | 40 | 0.02 | 60 | <1 | 0.01 |
| M170736 | | <2 | 0.01 | 0.7 | 1 | 7 | 46 | 0.58 | <10 | 1 | 0.58 | 30 | 0.05 | 23 | <1 | 0.01 |
| M170737 | | <2 | 0.02 | 0.9 | 2 | 3 | 174 | 0.81 | <10 | <1 | 0.18 | 20 | 0.02 | 19 | <1 | 0.01 |
| M170738 | | <2 | 0.07 | 2.1 | 6 | 4 | 40 | 1.46 | <10 | 1 | 0.21 | 20 | 0.07 | 84 | <1 | 0.01 |
| M170739 | | <2 | 0.04 | 3.5 | 9 | 3 | 10 | 2.79 | <10 | 1 | 0.21 | 20 | 0.02 | 107 | 1 | 0.01 |
| M170740 | | <2 | 0.02 | 2.3 | 10 | 4 | 33 | 1.96 | <10 | <1 | 0.19 | 20 | 0.02 | 383 | <1 | 0.01 |
| M170741 | | 2 | 0.02 | <0.5 | <1 | 39 | 33 | 2.60 | <10 | 1 | 0.32 | 40 | 0.03 | 45 | 3 | 0.01 |
| M170742 | | <2 | 0.04 | 0.7 | 14 | 3 | 12 | 3.79 | <10 | 1 | 0.17 | 10 | 0.07 | 486 | <1 | 0.01 |
| M170743 | | <2 | 0.04 | 0.7 | 9 | 4 | 45 | 3.09 | <10 | <1 | 0.20 | 10 | 0.03 | 70 | <1 | 0.01 |
| M170744 | | 2 | 0.07 | 0.7 | 12 | 3 | 32 | 2.85 | <10 | 1 | 0.20 | 20 | 0.11 | 333 | <1 | 0.01 |
| M170745 | | <2 | 0.01 | 0.5 | 7 | 3 | 3 | 1.19 | <10 | <1 | 0.15 | 30 | 0.03 | 183 | <1 | 0.01 |
| M170746 | | <2 | 0.01 | <0.5 | 4 | 3 | 7 | 1.09 | <10 | <1 | 0.10 | 20 | 0.02 | 122 | <1 | 0.02 |
| M170747 | | <2 | 0.01 | <0.5 | 4 | 3 | 5 | 1.32 | <10 | <1 | 0.08 | 20 | 0.02 | 230 | <1 | 0.01 |
| M170748 | | <2 | 0.07 | <0.5 | 4 | 5 | 2 | 0.68 | <10 | 1 | 0.07 | 20 | 0.13 | 236 | <1 | 0.01 |
| M170749 | | <2 | 0.05 | <0.5 | 6 | 4 | 16 | 1.29 | <10 | <1 | 0.14 | 30 | 0.28 | 259 | <1 | 0.02 |
| M170750 | | <2 | 0.02 | <0.5 | 10 | 4 | 2 | 1.50 | <10 | 1 | 0.12 | 30 | 0.61 | 295 | <1 | 0.01 |

Comments: NSS is non-sufficient sample.



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CERTIFICATE OF ANALYSIS VA03026815

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------------|-----------------|------------------|----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|
| | | Bi ppm 2 | Ca % 0.01 | Cd ppm 0.5 | Co ppm 1 | Cr ppm 1 | Cu ppm 1 | Fe % 0.01 | Ga ppm 10 | Hg ppm 1 | K % 0.01 | La ppm 10 | Mg % 0.01 | Mn ppm 5 | Mo ppm 1 | Na % 0.01 |
| M170751 | | <2 | 0.02 | <0.5 | 6 | 3 | 1 | 0.95 | <10 | <1 | 0.12 | 40 | 0.43 | 275 | <1 | 0.01 |
| M170752 | | <2 | 0.10 | <0.5 | 8 | 13 | 3 | 1.43 | <10 | 1 | 0.17 | 30 | 0.63 | 386 | 2 | 0.01 |
| M170753 | | <2 | 0.09 | <0.5 | 7 | 8 | 3 | 2.26 | <10 | 1 | 0.23 | 30 | 0.66 | 382 | 1 | 0.01 |
| M170754 | | <2 | 0.31 | <0.5 | 8 | 6 | 163 | 1.92 | <10 | <1 | 0.19 | 20 | 0.54 | 411 | <1 | 0.01 |
| M170755 | | <2 | 0.45 | <0.5 | 7 | 24 | 12 | 1.58 | <10 | <1 | 0.18 | 20 | 0.51 | 450 | 1 | 0.01 |
| M170756 | | <2 | 0.07 | <0.5 | 6 | 5 | 3 | 1.02 | <10 | <1 | 0.16 | 20 | 0.66 | 190 | <1 | 0.01 |
| M170757 | | <2 | 0.39 | <0.5 | 4 | 6 | 11 | 1.09 | <10 | <1 | 0.09 | <10 | 0.40 | 177 | <1 | 0.01 |
| M170758 | | <2 | 0.27 | <0.5 | 4 | 18 | 5 | 0.84 | <10 | 1 | 0.23 | 30 | 0.52 | 250 | 1 | 0.01 |
| M170759 | | 4 | 1.13 | <0.5 | 18 | 13 | 7150 | 4.62 | 10 | <1 | 0.26 | 10 | 1.82 | 813 | 5 | 0.16 |

Comments: NSS is non-sufficient sample.



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CERTIFICATE OF ANALYSIS VA03026815

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 | ME-ICP41 Ti % 0.01 | ME-ICP41 Ti ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 |
|--------------------|-----------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|
| M170711 | | 13 | 610 | 11 | 0.19 | <2 | 1 | 14 | <0.01 | <10 | <10 | 4 | <10 | 42 |
| M170712 | | 13 | 410 | 37 | 0.40 | <2 | 1 | 17 | <0.01 | <10 | <10 | 4 | <10 | 38 |
| M170713 | | <1 | 50 | <2 | 0.68 | <2 | 1 | 27 | <0.01 | <10 | <10 | 3 | <10 | 8 |
| M170714 | | 3 | 110 | <2 | 0.13 | <2 | 1 | 38 | <0.01 | <10 | <10 | 2 | <10 | 10 |
| M170715 | | 5 | 180 | <2 | 0.36 | <2 | 1 | 54 | <0.01 | <10 | <10 | 2 | <10 | 10 |
| M170716 | | 12 | 320 | <2 | 0.62 | <2 | 2 | 40 | <0.01 | <10 | <10 | 2 | <10 | 18 |
| M170717 | | 17 | 680 | 30 | 1.23 | <2 | 8 | 67 | 0.09 | <10 | <10 | 81 | <10 | 104 |
| M170718 | | 10 | 60 | 2 | 0.11 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 312 |
| M170719 | | 7 | 200 | 4 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 45 |
| M170720 | | 2 | 80 | 4 | 0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 14 |
| M170721 | | 13 | 240 | 2010 | 0.59 | <2 | 1 | 6 | <0.01 | <10 | <10 | 3 | <10 | 183 |
| M170722 | | 8 | 220 | 862 | 5.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 62 |
| M170723 | | 11 | 190 | 301 | 4.71 | 2 | <1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 64 |
| M170724 | | 21 | 180 | 718 | 1.08 | 2 | <1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 122 |
| M170725 | | 7 | 100 | 180 | 0.03 | <2 | <1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 36 |
| M170726 | | 11 | 120 | 1285 | 0.62 | 2 | <1 | 1 | <0.01 | <10 | <10 | 1 | <10 | 50 |
| M170727 | | 4 | 50 | 70 | <0.01 | <2 | <1 | 1 | <0.01 | <10 | <10 | 2 | <10 | 20 |
| M170728 | | 1 | 90 | 70 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 29 |
| M170729 | | 1 | 100 | 24 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 4 | <10 | 24 |
| M170730 | | 2 | 50 | 10 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 3 | <10 | 26 |
| M170731 | | 2 | 80 | 3 | <0.01 | <2 | 1 | 1 | <0.01 | <10 | <10 | 2 | <10 | 48 |
| M170732 | | 3 | 110 | 7 | 0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 33 |
| M170733 | | 3 | 110 | 10 | 0.43 | 2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 51 |
| M170734 | | 3 | 200 | 40 | 0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 98 |
| M170735 | | 3 | 240 | 104 | 0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 63 |
| M170736 | | 3 | 110 | 248 | 0.01 | 4 | 2 | 3 | <0.01 | <10 | <10 | 8 | <10 | 48 |
| M170737 | | 2 | 140 | 205 | 0.18 | 19 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 59 |
| M170738 | | 9 | 390 | 65 | 0.53 | 3 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 96 |
| M170739 | | 12 | 380 | 204 | 0.52 | 2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 313 |
| M170740 | | 9 | 230 | 208 | 0.65 | 4 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 201 |
| M170741 | | 7 | 260 | 28 | 0.02 | 77 | 8 | 84 | <0.01 | <10 | <10 | 11 | <10 | 14 |
| M170742 | | 11 | 220 | 31 | 2.49 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 211 |
| M170743 | | 14 | 370 | 103 | 1.62 | 3 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 89 |
| M170744 | | 15 | 350 | 78 | 1.69 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 79 |
| M170745 | | 10 | 140 | 4 | 0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 48 |
| M170746 | | 6 | 110 | <2 | 0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 23 |
| M170747 | | 9 | 140 | 2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 1 | <10 | 39 |
| M170748 | | 6 | 330 | 2 | 0.07 | <2 | 1 | 4 | <0.01 | <10 | <10 | 1 | <10 | 19 |
| M170749 | | 8 | 260 | 75 | 0.14 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 35 |
| M170750 | | 11 | 70 | 2 | 0.04 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 42 |

Comments: NSS is non-sufficient sample.



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Account: NJY

Project : Z-03-08

CERTIFICATE OF ANALYSIS VA03026815

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | |
|--------------------|-----------------------------------|----------|-----------|----------|-----------|----------|----------|----------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Ti | U | V | W | Zn |
| | | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 | ppm 1 | ppm 1 | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| M170751 | | 8 | 80 | 3 | 0.08 | <2 | 1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 33 |
| M170752 | | 11 | 420 | 4 | 0.16 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 35 |
| M170753 | | 12 | 320 | <2 | 0.17 | <2 | 1 | 10 | <0.01 | <10 | <10 | 4 | <10 | 36 |
| M170754 | | 13 | 620 | <2 | 0.37 | <2 | 1 | 12 | <0.01 | <10 | <10 | 3 | <10 | 28 |
| M170755 | | 13 | 370 | 15 | 0.24 | <2 | 1 | 17 | <0.01 | <10 | <10 | 3 | <10 | 21 |
| M170756 | | 9 | 170 | <2 | 0.05 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 21 |
| M170757 | | 3 | 50 | 5 | 0.19 | <2 | <1 | 17 | <0.01 | <10 | <10 | 1 | <10 | 11 |
| M170758 | | 7 | 140 | 3 | 0.10 | <2 | 1 | 13 | <0.01 | <10 | <10 | 3 | <10 | 15 |
| M170759 | | 13 | 1920 | <2 | 0.11 | <2 | 13 | 88 | 0.27 | <10 | <10 | 236 | <10 | 52 |
| | | | | | | | | | | | | | | |

Comments: NSS is non-sufficient sample.

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD**GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT**

HOLE #: Z-03-09

LENGTH: 165.0 M.

| | | | |
|--------------------------|---------------------------|------------------------|-------------------------------|
| PROPERTY: ZINGER | | HORI. COMP: 69.73 m | DRILL CONTRACTOR: LONE RANGER |
| LOCATION: | | VERT. COMP: 149.54 m | |
| COMMENCED: JULY 21, 2003 | COMPLETED: JULY 24, 2003 | CORR. DIP: 65° | CORE SIZE: NQ |
| COORDS: Long. | Lat. (N) 5476079 (EL) | TRUE BEARING: 255° | CASING: 3.0 |
| COORDS: UTM (E) 561190 | (N) (E) | % RECOVERY: | CORE STORAGE: VINE PROPERTY |
| COORDS: Grid (E) | COLLAR: Dip: 65 Azi: 255° | LOGGED DATE: | |
| ELEVATION: 1638.38 | | LOGGED BY: D.L. PIGHIN | |
| OBJECTIVE: | | | |
| SURVEYS: Depth: | Dip: Azi: | Type: | |
| ADDITIONAL SURVEYS: | | | |
| Depth: | Dip: Azi: | | |

| | | |
|------|------|--|
| From | To | LITHOLOGY: Quartzite, with minor thin to wispy argillite interbeds. |
| 3.0 | 94.4 | COLOR: Light greenish gray and light maroon, banded and lineated by yellowish green and dark maroon colours. |
| | | PRIMARY STRUCTURE: Medium to thin bedded, some very thin beds, bedding is generally distinct and generally wavy to distorted by soft sediment deformation, and later tectonics. Bedding to core axis at 7.0 = 36°, at 14.0 = 35°, at 23.0 = 16°, at 26 = 12°, at 31.0 = 18°, at 40.5 = 10°, at 42.5 = 50°, at 49.0 = 65°, at 52.0 to 70°. |
| | | TECTONIC STRUCTURE: 70 to 90 bedding to core is 5° to parallel, fault zone 23.5 to 24.0 with gouge zones cut core at 10°, at 25.3 thin shear zones with gouge, cut core at 16°, 84.1 – 85.4. Fault breccia healed by dark green chlorite. Well developed slicken sides, cut core at 12°, 41.0 to 49.0 well developed crackle breccia zone, healed by quartz and calcite. |
| | | GENERAL ALTERATION: Intensely silicified and sericitized by yellowish sericite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: 41.0 to 49.0 crackle breccia zone, weakly mineralized by pyrite. The pyrite occurs as fine disseminations in quartz – calcite matrix and in brecciated seds. 59.0 – 61.0, white drusy quartz veins cut core at 70°, these veins are 2 cm to 10 cm thick, they host rare pyrite. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|----|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 41 | 42 | 0 | Crackle brecciated with quartz - calcite matrix, pyrite weakly disseminated in sediments and in matrix. | M 170760 | 1 | <0.05 | <0.2 | 27 | 4 | 9 | 7 |
| 47 | 48 | 0 | Crackle brecciated with quartz - calcite matrix, pyrite weakly disseminated in sediments and in matrix. | M 170761 | 1 | <0.05 | <0.2 | 6 | 6 | 15 | 26 |
| 48 | 49 | 0 | Crackle brecciated with quartz - calcite matrix, pyrite weakly disseminated in sediments and in matrix. | M 170762 | 1 | <0.05 | <0.2 | <2 | <2 | 15 | 7 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z-03-09
 LENGTH: 165.0 M.

| From | To | LITHOLOGY: Quartzite: crackle brecciated. |
|------|-------|--|
| 94.4 | 105.2 | COLOR: Light greenish gray. |
| | | PRIMARY STRUCTURE: Destroyed by alteration and brecciation. |
| | | TECTONIC STRUCTURE: Weakly brecciated and healed by quartz-carbonate sericite veinlets. Veinlets are very irregular and do not have any preferred orientation. |
| | | GENERAL ALTERATION: Intensely silicified, and sericitized by fine greenish sericite, fine white specks of sericite overprint the whole interval. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Pyrite is weakly disseminated in altered seds and in the quartz – carbonate – sericite veinlets generally hematite replaces pyrite. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 94.5 | 95.5 | 0 | Weakly brecciated by thin quartz - calcite veinlets, pyrite disseminated in veinlets and in altered sediments. | M 170763 | 1 | <0.05 | <0.2 | 3 | <2 | 34 | 6 |
| 95.5 | 96.5 | 0 | Weakly brecciated by thin quartz - calcite veinlets, pyrite disseminated in veinlets and in altered sediments. | M 170764 | 1 | <0.05 | <0.2 | 2 | <2 | 33 | 5 |
| 96.5 | 97.5 | 0 | Weakly brecciated by thin quartz - calcite veinlets, pyrite disseminated in veinlets and in altered sediments. | M 170765 | 1 | <0.05 | <0.2 | <2 | <2 | 33 | 5 |
| 97.5 | 98.5 | 0 | Weakly brecciated by thin quartz - calcite veinlets, pyrite disseminated in veinlets and in altered sediments. | M 170766 | 1 | <0.05 | <0.2 | 13 | 3 | 35 | 50 |
| 98.5 | 99.5 | 50 | Weakly brecciated by thin quartz - calcite veinlets, pyrite disseminated in veinlets and in altered sediments. | M 170767 | 1 | <0.05 | <0.2 | 2 | <2 | 35 | 35 |
| 99.5 | 100.5 | 50 | Weakly brecciated by thin quartz - calcite veinlets, pyrite disseminated in veinlets and in altered sediments. | M 170768 | 1 | <0.05 | <0.2 | 3 | <2 | 21 | 55 |
| 100.5 | 101.5 | 0 | Weakly brecciated by thin quartz - calcite veinlets, pyrite disseminated in veinlets and in altered sediments. | M 170769 | 1 | <0.05 | <0.2 | 3 | <2 | 26 | 42 |
| 101.5 | 102.5 | 0 | Weakly brecciated by thin quartz - calcite veinlets, pyrite disseminated in veinlets and in altered sediments. | M 170770 | 1 | <0.05 | <0.2 | 3 | <2 | 13 | 57 |
| 102.5 | 103.5 | 0 | Weakly brecciated by thin quartz - calcite veinlets, pyrite disseminated in veinlets and in altered sediments. | M 170771 | 1 | <0.05 | <0.2 | 4 | 3 | 19 | 4 |
| 103.5 | 104.5 | 0 | Weakly brecciated by thin quartz - calcite veinlets, pyrite disseminated in veinlets and in altered sediments. | M 170772 | 1 | <0.05 | <0.2 | 14 | 4 | 19 | 58 |
| 104.5 | 105.5 | 0 | Weakly brecciated by thin quartz - calcite veinlets, pyrite disseminated in veinlets and in altered sediments. | M 170773 | 1 | <0.05 | <0.2 | 15 | 17 | 32 | 106 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z-03-09
LENGTH: 165.0 M.

| From | To | LITHOLOGY: Fault zone. |
|-------|-------|--|
| 105.2 | 108.5 | COLOR: |
| | | PRIMARY STRUCTURE: Nil. |
| | | TECTONIC STRUCTURE: Fault cuts core axis 20° - 25°, consists of soft fault gouge and brecciated sediments. |
| | | GENERAL ALTERATION: |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Minor fine euhedral pyrite in soft gauge. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|------------|---|---|------------|-------|--------|--------|--------|--------|--------|--------|
| STND | | 0 | 62 PB | M | 170774 | 1 | NSS | 32.7 | 20 | 35 | 107 | 26 |
| 105.5 | 106.5 | 0 | Soft fault gouge and brecciated sediments. | M | 170775 | 1 | <0.05 | <0.2 | 4 | <2 | 40 | 2 |
| 106.5 | 107.5 | 0 | Soft fault gouge and brecciated sediments. | M | 170776 | 1 | <0.05 | <0.2 | 30 | 2 | 82 | 57 |
| 107.5 | 108.5 | 0 | Quartz - sericite breccia (70% white drusy quartz). Weakly disseminated pyrite, lesser galena, sphalerite and arsenopyrite. | M | 170777 | 0.5 | <0.05 | <0.2 | 25 | 5 | 134 | 32 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-09

LENGTH: 165.0 M.

| From | To | LITHOLOGY: Quartz - sericite - carbonate - pyrite vein. 108.5 to 112.8 quartz and sericitized sediment clasts. 112.8 to 120.9 mainly white to gray bull quartz. (Drusy quartz). |
|-------|-------|---|
| 108.5 | 120.9 | COLOR: White and gray quartz, speckled metallic, with patches light green sericitic argillite. |
| | | PRIMARY STRUCTURE: NIL |
| | | TECTONIC STRUCTURE: Upper contact is faulted, and lower contact is marked by 70 cm. of soft fault gouge and brecciated quartz, some brecciated sediments. Fault cuts core at 65°. |
| | | GENERAL ALTERATION: |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: 108.5 to 112.8 quartz and sericitized sed. Breccia (70% quartz) hosts weakly disseminated pyrite, rare galena and arsenopyrite and very rare sphalerite. Sulphides mostly pyrite in this zone ranges from 1% to 1.5% to locally. 112.8 - 120.9 90% white drusy quartz, with some sedimentary clasts, and some carbonate. Sulphide content mainly pyrite 5% to 10% by volume, rare crystals of galena also noted. |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 108.5 | 109 | 0 | Quartz and sericitic seds. (Breccia) | M 170778 | 0.5 | <0.05 | 0.8 | 27 | 95 | 34 | 91 |
| 109 | 109.5 | 0 | Quartz and sericitic seds. (Breccia) | M 170779 | 0.5 | <0.05 | <0.2 | 12 | 31 | 10 | 12 |
| 109.5 | 110 | 0 | Quartz and sericitic seds. (Breccia) | M 170780 | 0.5 | <0.05 | 0.8 | 25 | 66 | 30 | 34 |
| 110 | 110.5 | 0 | Quartz and sericitic seds. (Breccia) | M 170781 | 0.5 | <0.05 | 0.2 | 30 | 140 | 20 | 10 |
| 110.5 | 111 | 0 | Quartz and sericitic seds. (Breccia) | M 170782 | 0.5 | <0.05 | 0.2 | 68 | 84 | 7 | 63 |
| 111 | 111.5 | 0 | Quartz and sericitic seds. (Breccia) | M 170783 | 0.5 | <0.05 | 0.3 | 115 | 101 | 7 | 14 |
| 111.5 | 112 | 0 | 90% White drusy quartz, sediment clasts and carbonate, hosts 5% to 10% pyrite, minor galena. | M 170784 | 0.5 | <0.05 | <0.2 | 66 | 22 | 19 | 74 |
| 112 | 112.5 | 0 | 90% White drusy quartz, sediment clasts and carbonate, hosts 5% to 10% pyrite, minor galena. | M 170785 | 0.5 | <0.05 | 1.5 | 45 | 524 | 47 | 15 |
| 112.5 | 113 | 0 | 90% White drusy quartz, sediment clasts and carbonate, hosts 5% to 10% pyrite, minor galena. | M 170786 | 0.5 | <0.05 | <0.2 | 25 | 35 | 38 | 39 |
| 113 | 113.5 | 0 | 90% White drusy quartz, sediment clasts and carbonate, hosts 5% to 10% pyrite, minor galena. | M 170787 | 0.5 | <0.05 | 0.2 | 30 | 62 | 28 | 13 |
| 113.5 | 114 | 0 | 90% White drusy quartz, sediment clasts and carbonate, hosts 5% to 10% pyrite, minor galena. | M 170788 | 0.5 | <0.05 | 0.6 | 16 | 477 | 10 | 16 |
| 114 | 114.5 | 0 | 90% White drusy quartz, sediment clasts and carbonate, hosts 5% to 10% pyrite, minor galena. | M 170789 | 0.5 | <0.05 | <0.2 | 8 | 53 | 14 | 17 |
| 114.5 | 115 | 0 | 90% White drusy quartz, sediment clasts and carbonate, hosts 5% to 10% pyrite, minor galena. | M 170790 | 0.5 | <0.05 | 0.2 | 25 | 111 | 6 | 15 |
| 115 | 115.5 | 0 | 90% white drusy quartz, sediment clasts and carbonate, hosts 5% to 10% pyrite, minor galena. | M 170791 | 0.5 | <0.05 | 0.2 | 20 | 102 | 25 | 15 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-09

LENGTH: 165.0 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|------------|------------------------------|------------|-------|--------|--------|--------|--------|--------|--------|
| 115.5 | 116 | 0 | 90%, white drusy quartz etc. | M 170792 | 0.5 | <0.05 | 0.3 | 16 | 157 | 7 | 17 |
| 116 | 116.5 | 0 | 90%, white drusy quartz etc. | M 170793 | 0.5 | <0.05 | <0.2 | 12 | 23 | 6 | 19 |
| 116.5 | 117 | 0 | 90%, white drusy quartz etc. | M 170794 | 0.5 | <0.05 | 0.4 | 33 | 348 | 29 | 14 |
| 117 | 117.5 | | 90%, white drusy quartz etc. | M 170795 | 0.5 | <0.05 | <0.2 | 50 | 50 | 79 | 14 |
| STND | | 0 | | M 170796 | 0.5 | NSS | 2.3 | 5 | 5 | 45 | 11 |
| 117.5 | 118 | 0 | 90%, white drusy quartz etc. | M 170797 | 0.5 | <0.05 | 0.5 | 55 | 78 | 27 | 13 |
| 118 | 118.5 | 0 | 90%, white drusy quartz etc. | M 170798 | 0.5 | <0.05 | 0.3 | 61 | 13 | 15 | 13 |
| 118.5 | 119 | 0 | 90%, white drusy quartz etc. | M 170799 | 0.5 | <0.05 | <0.2 | 15 | 30 | 28 | 10 |
| 119 | 119.5 | 0 | 90%, white drusy quartz etc. | M 170800 | 0.5 | 3.53 | <0.2 | 31 | 12 | 45 | 9 |
| 119.5 | 120 | 0 | 90%, white drusy quartz etc. | M 170801 | 0.5 | <0.05 | 0.5 | 201 | 152 | 30 | 26 |
| 120 | 120.5 | 0 | 90%, white drusy quartz etc. | M 170802 | 0.5 | <0.05 | 0.2 | 39 | 326 | 178 | 9 |

| | | |
|--------|-------|---|
| From | To | LITHOLOGY: Argillite interbedded siltstone. |
| 120.9 | 165.0 | COLOR: Light green to light yellowish green argillite interbedded with light maroon siltstone. |
| End of | | PRIMARY STRUCTURE: This to very thin bedded. Bedding is distinct and wavy to disrupted by soft sediment deformation and tectonics. Bedding is 5° to parallel to core. |
| Hole. | | TECTONIC STRUCTURE: Rare quartz filled fractures cut core at 25°. |
| | | GENERAL ALTERATION: Regional. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Nil. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-----|------------|---------------------------|------------|-------|--------|--------|--------|--------|--------|--------|
| 120.5 | 121 | 0 | Very rare mineralization. | M 170803 | 1 | <0.05 | 0.2 | 83 | 25 | 153 | 8 |
| 121 | 122 | 0 | | M 170804 | 1 | <0.05 | <0.2 | 18 | 15 | 63 | 14 |
| 122 | 123 | 0 | | M 170805 | 1 | <0.05 | <0.2 | 15 | 16 | 40 | 6 |
| 123 | 124 | 0 | | M 170806 | 1 | <0.05 | <0.2 | 11 | 12 | 52 | 6 |



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To: CHAPLEAU RESOURCES
104-135 10TH AVE S
CRANBROOK BC V1C 2N1

Page # : 1
Date : 5-Aug-2003
Account: NJY

CERTIFICATE VA03027826

Project : Z-03-09

P.O. No:

This report is for 47 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 28-Jul-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rod w/o BarCode |
| PUL-21 | Pulverize entire sample |
| CRU-31 | Fine crushing - 70% <2mm |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
104-135 10TH AVE S
CRANBROOK BC V1C 2N1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

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Page #: 2 - A
Total # of pages : 3 (A - C)
Date : 5-Aug-2003
Account: NJY

Project : Z-03-09

CERTIFICATE OF ANALYSIS VA03027826

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M170760 | | 2.00 | <0.05 | <0.05 | <0.05 | <0.001 | 22.95 | 1915.5 | 0.03 | 0.04 | <0.2 | 0.37 | 27 | <10 | 60 | <0.5 |
| M170761 | | 2.50 | <0.05 | <0.05 | <0.05 | <0.001 | 33.23 | 2407 | 0.02 | 0.02 | <0.2 | 0.32 | 6 | <10 | 60 | <0.5 |
| M170762 | | 2.08 | <0.05 | <0.05 | <0.05 | <0.001 | 44.20 | 1135.5 | 0.01 | <0.01 | <0.2 | 0.37 | <2 | <10 | 1180 | <0.5 |
| M170763 | | 2.66 | <0.05 | <0.05 | <0.05 | <0.001 | 44.43 | 2537 | 0.01 | <0.01 | <0.2 | 0.47 | 3 | <10 | 140 | <0.5 |
| M170764 | | 1.34 | <0.05 | <0.05 | <0.05 | <0.001 | 30.76 | 1260.0 | <0.01 | <0.01 | <0.2 | 0.33 | 2 | <10 | 80 | <0.5 |
| M170765 | | 1.00 | <0.05 | <0.05 | <0.05 | <0.001 | 23.90 | 919.4 | <0.01 | <0.01 | <0.2 | 0.50 | <2 | <10 | 50 | <0.5 |
| M170766 | | 2.82 | <0.05 | <0.05 | <0.05 | <0.001 | 39.76 | 2700 | 0.01 | 0.01 | <0.2 | 0.38 | 13 | <10 | 160 | <0.5 |
| M170767 | | 2.94 | <0.05 | <0.05 | <0.05 | <0.001 | 24.92 | 2818 | <0.01 | <0.01 | <0.2 | 0.40 | 2 | <10 | 250 | <0.5 |
| M170768 | | 2.44 | <0.05 | <0.05 | <0.05 | <0.001 | 23.01 | 2354 | 0.01 | <0.01 | <0.2 | 0.31 | 3 | <10 | 480 | <0.5 |
| M170769 | | 2.18 | <0.05 | <0.05 | <0.05 | <0.001 | 29.14 | 2083 | <0.01 | <0.01 | <0.2 | 0.31 | 3 | <10 | 490 | <0.5 |
| M170770 | | 2.60 | <0.05 | <0.05 | <0.05 | <0.001 | 39.67 | 2484 | <0.01 | <0.01 | <0.2 | 0.31 | 3 | <10 | 270 | <0.5 |
| M170771 | | 1.98 | <0.05 | <0.05 | <0.05 | <0.001 | 25.54 | 1899.0 | 0.01 | <0.01 | <0.2 | 0.44 | 4 | <10 | 110 | <0.5 |
| M170772 | | 2.30 | <0.05 | <0.05 | <0.05 | <0.001 | 31.59 | 2131 | 0.03 | 0.01 | <0.2 | 0.33 | 14 | <10 | 40 | <0.5 |
| M170773 | | 1.78 | <0.05 | <0.05 | <0.05 | <0.001 | 21.85 | 1702.5 | 0.03 | 0.01 | <0.2 | 0.38 | 15 | <10 | 40 | <0.5 |
| M170774 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 10.95 | 11.20 | 23.7 | 1.72 | 20 | <10 | 90 | <0.5 |
| M170775 | | 0.96 | <0.05 | <0.05 | <0.05 | <0.001 | 28.84 | 789.6 | 0.01 | 0.01 | <0.2 | 1.73 | 4 | <10 | 90 | 1.0 |
| M170776 | | 1.44 | <0.05 | <0.05 | <0.05 | <0.001 | 31.73 | 1227.5 | 0.01 | <0.01 | <0.2 | 0.96 | 30 | <10 | 60 | 0.9 |
| M170777 | | 2.54 | <0.05 | <0.05 | <0.05 | <0.001 | 36.77 | 2279 | <0.01 | <0.01 | <0.2 | 0.59 | 25 | <10 | 40 | 0.8 |
| M170778 | | 0.94 | <0.05 | <0.05 | <0.05 | <0.001 | 17.88 | 832.3 | 0.02 | 0.02 | 0.8 | 0.21 | 27 | <10 | 20 | <0.5 |
| M170779 | | 1.18 | <0.05 | <0.05 | <0.05 | <0.001 | 7.69 | 1128.0 | 0.02 | 0.01 | <0.2 | 0.27 | 12 | <10 | 30 | <0.5 |
| M170780 | | 1.20 | <0.05 | <0.05 | <0.05 | <0.001 | 15.66 | 1123.5 | 0.02 | 0.01 | 0.8 | 0.30 | 25 | <10 | 30 | <0.5 |
| M170781 | | 1.58 | <0.05 | <0.05 | <0.05 | <0.001 | 25.35 | 1502.0 | 0.02 | 0.01 | 0.2 | 0.22 | 30 | <10 | 20 | <0.5 |
| M170782 | | 0.98 | <0.05 | <0.05 | <0.05 | <0.001 | 18.79 | 903.3 | 0.02 | 0.01 | 0.2 | 0.20 | 68 | <10 | 20 | <0.5 |
| M170783 | | 1.36 | <0.05 | <0.05 | <0.05 | <0.001 | 12.79 | 1294.5 | 0.01 | 0.01 | 0.3 | 0.20 | 115 | <10 | 20 | <0.5 |
| M170784 | | 1.16 | <0.05 | <0.05 | <0.05 | <0.001 | 6.36 | 1112.5 | 0.01 | <0.01 | <0.2 | 0.12 | 66 | <10 | 10 | <0.5 |
| M170785 | | 1.18 | <0.05 | <0.05 | <0.05 | <0.001 | 10.89 | 1121.0 | 0.01 | 0.01 | 1.5 | 0.10 | 45 | <10 | 10 | <0.5 |
| M170786 | | 2.16 | <0.05 | <0.05 | <0.05 | <0.001 | 1.65 | 2104 | 0.02 | 0.01 | <0.2 | 0.18 | 25 | <10 | 20 | <0.5 |
| M170787 | | 1.14 | <0.05 | <0.05 | <0.05 | <0.001 | 8.26 | 1099.5 | 0.01 | 0.01 | 0.2 | 0.11 | 30 | <10 | 10 | <0.5 |
| M170788 | | 1.18 | <0.05 | <0.05 | <0.05 | <0.001 | 5.50 | 1139.5 | 0.02 | <0.01 | 0.6 | 0.05 | 16 | <10 | <10 | <0.5 |
| M170789 | | 1.66 | <0.05 | 5.63 | <0.05 | 0.032 | 5.68 | 1600.5 | 0.01 | <0.01 | <0.2 | 0.06 | 8 | <10 | <10 | <0.5 |
| M170790 | | 1.18 | <0.05 | <0.05 | <0.05 | <0.001 | 3.48 | 1136.0 | 0.01 | 0.01 | 0.2 | 0.06 | 25 | <10 | 10 | <0.5 |
| M170791 | | 1.28 | <0.05 | <0.05 | <0.05 | <0.001 | 1.19 | 1226.5 | 0.02 | 0.01 | 0.2 | 0.01 | 20 | <10 | <10 | <0.5 |
| M170792 | | 0.96 | <0.05 | <0.05 | <0.05 | <0.001 | 1.53 | 922.9 | <0.01 | 0.01 | 0.3 | 0.01 | 16 | <10 | <10 | <0.5 |
| M170793 | | 1.10 | <0.05 | <0.05 | <0.05 | <0.001 | 0.95 | 1053.5 | 0.01 | 0.01 | <0.2 | 0.01 | 12 | <10 | <10 | <0.5 |
| M170794 | | 1.28 | <0.05 | <0.05 | <0.05 | <0.001 | 6.93 | 1237.0 | 0.01 | 0.01 | 0.4 | 0.10 | 33 | <10 | 10 | <0.5 |
| M170795 | | 1.78 | <0.05 | <0.05 | <0.05 | <0.001 | 14.13 | 1700.0 | 0.03 | 0.02 | <0.2 | 0.09 | 50 | <10 | 10 | <0.5 |
| M170796 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 0.70 | 0.72 | 2.3 | 1.98 | 5 | 10 | 40 | 0.5 |
| M170797 | | 0.78 | <0.05 | <0.05 | <0.05 | <0.001 | 0.72 | 754.6 | 0.01 | 0.01 | 0.5 | 0.10 | 55 | <10 | 10 | <0.5 |
| M170798 | | 1.22 | <0.05 | <0.05 | <0.05 | <0.001 | 1.29 | 1187.0 | 0.01 | <0.01 | 0.3 | 0.06 | 61 | <10 | 10 | <0.5 |
| M170799 | | 1.44 | <0.05 | <0.05 | <0.05 | <0.001 | 2.18 | 1388.0 | 0.01 | 0.01 | <0.2 | 0.18 | 15 | <10 | 20 | <0.5 |

Comments: NSS is non-sufficient sample.



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Project : Z-03-09

CERTIFICATE OF ANALYSIS VA03027826

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M170800 | | 1.36 | <0.05 | 3.53 | <0.05 | 0.020 | 5.66 | 1311.5 | 0.01 | 0.01 | <0.2 | 0.24 | 31 | <10 | 20 | <0.5 |
| M170801 | | 1.20 | <0.05 | <0.05 | <0.05 | <0.001 | 1.43 | 1162.0 | 0.01 | 0.01 | 0.5 | 0.23 | 201 | <10 | 20 | <0.5 |
| M170802 | | 0.78 | <0.05 | <0.05 | <0.05 | <0.001 | 1.93 | 712.6 | 0.01 | 0.01 | 0.2 | 0.44 | 39 | <10 | 40 | <0.5 |
| M170803 | | 1.00 | 0.08 | <0.05 | 0.09 | <0.001 | 2.13 | 917.8 | 0.10 | 0.07 | 0.2 | 0.45 | 83 | 10 | 50 | <0.5 |
| M170804 | | 2.92 | <0.05 | <0.05 | <0.05 | <0.001 | 12.55 | 2819 | <0.01 | 0.01 | <0.2 | 0.38 | 18 | <10 | 50 | <0.5 |
| M170805 | | 3.58 | <0.05 | <0.05 | <0.05 | <0.001 | 5.04 | 3497 | <0.01 | <0.01 | <0.2 | 0.33 | 15 | <10 | 40 | <0.5 |
| M170806 | | 1.64 | <0.05 | <0.05 | <0.05 | <0.001 | 29.95 | 1566.0 | 0.01 | 0.01 | <0.2 | 0.36 | 11 | <10 | 40 | <0.5 |

Comments: NSS is non-sufficient sample.



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Date : 5-Aug-2003
Account: NJY

Project : Z-03-09

CERTIFICATE OF ANALYSIS VA03027826

| Sample Description | Method Analyte Units LOR | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 |
|--------------------|-----------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M170760 | | <2 | 0.16 | <0.5 | 4 | 7 | 3 | 1.44 | <10 | <1 | 0.22 | 20 | 0.21 | 88 | <1 | 0.02 |
| M170761 | | <2 | 1.48 | <0.5 | 4 | 26 | 4 | 1.24 | <10 | <1 | 0.22 | 10 | 0.69 | 912 | <1 | 0.02 |
| M170762 | | <2 | 0.76 | <0.5 | 5 | 7 | 3 | 1.08 | <10 | <1 | 0.24 | 30 | 0.51 | 290 | <1 | 0.02 |
| M170763 | | <2 | 0.34 | <0.5 | 7 | 6 | 1 | 1.21 | <10 | <1 | 0.22 | 40 | 0.44 | 227 | <1 | 0.02 |
| M170764 | | <2 | 0.08 | <0.5 | 6 | 5 | 2 | 0.93 | <10 | <1 | 0.16 | 20 | 0.36 | 231 | <1 | 0.02 |
| M170765 | | <2 | 0.18 | <0.5 | 6 | 5 | 2 | 1.02 | <10 | <1 | 0.20 | 20 | 0.33 | 198 | <1 | 0.02 |
| M170766 | | <2 | 1.20 | <0.5 | 9 | 50 | 6 | 1.30 | <10 | <1 | 0.16 | 10 | 0.77 | 412 | <1 | 0.01 |
| M170767 | | <2 | 0.32 | <0.5 | 7 | 35 | 2 | 1.04 | <10 | <1 | 0.18 | 20 | 0.59 | 313 | <1 | 0.01 |
| M170768 | | <2 | 0.43 | <0.5 | 6 | 55 | 2 | 1.02 | <10 | <1 | 0.17 | 20 | 0.55 | 295 | <1 | 0.01 |
| M170769 | | <2 | 0.20 | <0.5 | 8 | 42 | 1 | 1.14 | <10 | <1 | 0.18 | 20 | 0.60 | 299 | <1 | 0.01 |
| M170770 | | <2 | 0.61 | <0.5 | 6 | 57 | 2 | 0.99 | <10 | <1 | 0.17 | 20 | 0.41 | 211 | <1 | 0.01 |
| M170771 | | <2 | 0.87 | <0.5 | 7 | 4 | 2 | 1.20 | <10 | <1 | 0.26 | 20 | 0.58 | 277 | <1 | 0.01 |
| M170772 | | <2 | 0.25 | <0.5 | 5 | 58 | 6 | 1.24 | <10 | <1 | 0.20 | 20 | 0.42 | 297 | 1 | <0.01 |
| M170773 | | <2 | 0.41 | <0.5 | 8 | 106 | 25 | 1.56 | <10 | <1 | 0.18 | 20 | 0.48 | 464 | 1 | 0.01 |
| M170774 | | <2 | 0.96 | 3.8 | 20 | 26 | 176 | 3.55 | <10 | <1 | 0.26 | 10 | 0.87 | 775 | 27 | 0.04 |
| M170775 | | <2 | 0.12 | <0.5 | 8 | 18 | 2 | 1.98 | <10 | <1 | 0.36 | 30 | 0.51 | 220 | 1 | 0.02 |
| M170776 | | <2 | 0.17 | <0.5 | 10 | 57 | 2 | 1.90 | <10 | <1 | 0.24 | 30 | 0.33 | 336 | 1 | 0.01 |
| M170777 | | <2 | 0.10 | <0.5 | 10 | 32 | 7 | 1.77 | <10 | <1 | 0.19 | 20 | 0.18 | 420 | 1 | 0.01 |
| M170778 | | <2 | 0.09 | <0.5 | 66 | 91 | 42 | 1.52 | <10 | <1 | 0.08 | 20 | 0.07 | 108 | 3 | 0.01 |
| M170779 | | <2 | 0.05 | <0.5 | 17 | 12 | 7 | 0.70 | <10 | <1 | 0.18 | 10 | 0.03 | 17 | <1 | 0.01 |
| M170780 | | <2 | 0.15 | <0.5 | 61 | 34 | 29 | 1.06 | <10 | <1 | 0.20 | 10 | 0.04 | 23 | 1 | 0.01 |
| M170781 | | <2 | 0.05 | <0.5 | 15 | 10 | 6 | 0.67 | <10 | <1 | 0.15 | 10 | 0.02 | 27 | <1 | 0.01 |
| M170782 | | <2 | 0.04 | <0.5 | 28 | 63 | 7 | 0.78 | <10 | <1 | 0.14 | 10 | 0.02 | 14 | 2 | <0.01 |
| M170783 | | <2 | 0.02 | <0.5 | 21 | 14 | 7 | 0.90 | <10 | <1 | 0.14 | <10 | 0.01 | 14 | <1 | <0.01 |
| M170784 | | <2 | 0.03 | <0.5 | 24 | 74 | 4 | 0.65 | <10 | <1 | 0.09 | 10 | 0.01 | 28 | 2 | <0.01 |
| M170785 | | <2 | 0.02 | 1.5 | 42 | 15 | 44 | 1.04 | <10 | <1 | 0.07 | <10 | 0.01 | 13 | 1 | <0.01 |
| M170786 | | <2 | 0.02 | <0.5 | 25 | 39 | 8 | 1.04 | <10 | <1 | 0.14 | 10 | 0.02 | 47 | 1 | <0.01 |
| M170787 | | <2 | 0.01 | 0.8 | 39 | 13 | 7 | 1.18 | <10 | <1 | 0.08 | <10 | 0.01 | 15 | 1 | <0.01 |
| M170788 | | <2 | 0.01 | <0.5 | 22 | 16 | 6 | 1.28 | <10 | <1 | 0.03 | <10 | <0.01 | 13 | 2 | <0.01 |
| M170789 | | <2 | 0.01 | <0.5 | 19 | 17 | 5 | 1.07 | <10 | <1 | 0.04 | <10 | 0.01 | 28 | 3 | <0.01 |
| M170790 | | <2 | 0.01 | <0.5 | 70 | 15 | 8 | 2.04 | <10 | <1 | 0.05 | <10 | <0.01 | 17 | 2 | <0.01 |
| M170791 | | <2 | 0.01 | 0.6 | 55 | 15 | 9 | 2.19 | <10 | <1 | 0.01 | <10 | 0.09 | 175 | 1 | <0.01 |
| M170792 | | <2 | 0.01 | <0.5 | 81 | 17 | 9 | 2.17 | <10 | <1 | 0.01 | <10 | <0.01 | 20 | <1 | <0.01 |
| M170793 | | <2 | <0.01 | <0.5 | 30 | 19 | 11 | 1.58 | <10 | <1 | 0.01 | <10 | <0.01 | 33 | 1 | <0.01 |
| M170794 | | <2 | 0.01 | <0.5 | 95 | 14 | 16 | 2.71 | <10 | <1 | 0.08 | <10 | 0.01 | 28 | 2 | <0.01 |
| M170795 | | <2 | 0.23 | <0.5 | 57 | 14 | 9 | 2.19 | <10 | <1 | 0.07 | <10 | 0.12 | 169 | 1 | <0.01 |
| M170796 | | <2 | 1.12 | <0.5 | 17 | 11 | 7200 | 4.58 | 10 | <1 | 0.24 | 10 | 1.82 | 773 | 4 | 0.16 |
| M170797 | | <2 | 0.02 | <0.5 | 172 | 13 | 33 | 4.02 | <10 | <1 | 0.08 | <10 | 0.02 | 46 | <1 | <0.01 |
| M170798 | | <2 | 0.01 | <0.5 | 107 | 13 | 19 | 3.59 | <10 | <1 | 0.05 | <10 | 0.06 | 85 | <1 | <0.01 |
| M170799 | | <2 | 0.04 | <0.5 | 31 | 10 | 9 | 1.96 | <10 | <1 | 0.13 | <10 | 0.29 | 267 | <1 | 0.01 |

Comments: NSS is non-sufficient sample.



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Account: NJY

Project : Z-03-09

CERTIFICATE OF ANALYSIS VA03027826

| Sample Description | Method Analyte Units LOR | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 |
|--------------------|-----------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M170800 | | <2 | 0.43 | <0.5 | 15 | 9 | 9 | 1.40 | <10 | <1 | 0.19 | <10 | 0.62 | 379 | <1 | 0.01 |
| M170801 | | <2 | 0.06 | <0.5 | 23 | 10 | 26 | 1.57 | <10 | <1 | 0.17 | 10 | 0.22 | 141 | <1 | 0.01 |
| M170802 | | <2 | 0.14 | 1.2 | 9 | 7 | 9 | 1.67 | <10 | <1 | 0.27 | 20 | 0.27 | 510 | <1 | 0.01 |
| M170803 | | <2 | 0.21 | 0.6 | 8 | 7 | 8 | 1.40 | <10 | 1 | 0.26 | 20 | 0.14 | 272 | 1 | 0.01 |
| M170804 | | <2 | 0.09 | <0.5 | 8 | 5 | 14 | 1.66 | <10 | <1 | 0.27 | 30 | 1.00 | 397 | 1 | 0.01 |
| M170805 | | <2 | 0.16 | <0.5 | 9 | 6 | 6 | 2.18 | <10 | <1 | 0.23 | 30 | 1.22 | 449 | <1 | 0.01 |
| M170806 | | <2 | 0.15 | <0.5 | 8 | 5 | 6 | 1.54 | <10 | <1 | 0.25 | 30 | 0.92 | 420 | <1 | 0.01 |

Comments: NSS is non-sufficient sample.



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Project : Z-03-09

CERTIFICATE OF ANALYSIS VA03027826

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 | ME-ICP41 Ti % 0.01 | ME-ICP41 Tl ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 |
|--------------------|-----------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|
| M170760 | | 7 | 110 | 4 | 0.62 | <2 | 1 | 12 | <0.01 | <10 | <10 | 2 | <10 | 9 |
| M170761 | | 7 | 110 | 6 | 0.58 | <2 | 1 | 48 | <0.01 | <10 | <10 | 2 | <10 | 15 |
| M170762 | | 6 | 140 | <2 | 0.14 | <2 | 1 | 42 | <0.01 | <10 | <10 | 3 | <10 | 15 |
| M170763 | | 11 | 1360 | <2 | 0.01 | <2 | 1 | 12 | <0.01 | <10 | <10 | 3 | <10 | 34 |
| M170764 | | 9 | 60 | <2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 33 |
| M170765 | | 9 | 170 | <2 | 0.01 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 33 |
| M170766 | | 11 | 250 | 3 | 0.30 | <2 | 1 | 30 | <0.01 | <10 | <10 | 2 | 20 | 35 |
| M170767 | | 10 | 90 | <2 | 0.01 | <2 | 1 | 11 | <0.01 | <10 | <10 | 2 | <10 | 35 |
| M170768 | | 9 | 90 | <2 | 0.19 | <2 | 1 | 24 | <0.01 | <10 | <10 | 2 | <10 | 21 |
| M170769 | | 9 | 130 | <2 | 0.19 | <2 | 1 | 16 | <0.01 | <10 | <10 | 1 | <10 | 26 |
| M170770 | | 8 | 110 | <2 | 0.61 | <2 | 1 | 46 | <0.01 | <10 | <10 | 1 | <10 | 13 |
| M170771 | | 7 | 100 | 3 | 0.70 | <2 | 1 | 50 | <0.01 | <10 | <10 | 2 | <10 | 19 |
| M170772 | | 10 | 190 | 4 | 0.32 | <2 | 1 | 14 | <0.01 | <10 | <10 | 2 | <10 | 19 |
| M170773 | | 15 | 110 | 17 | 0.24 | 2 | 1 | 24 | <0.01 | <10 | <10 | 3 | <10 | 32 |
| M170774 | | 18 | 600 | 35 | 1.20 | <2 | 7 | 44 | 0.07 | <10 | <10 | 70 | <10 | 107 |
| M170775 | | 14 | 150 | <2 | 0.31 | <2 | 2 | 16 | <0.01 | <10 | <10 | 9 | <10 | 40 |
| M170776 | | 16 | 250 | 2 | 0.12 | <2 | 1 | 16 | <0.01 | <10 | <10 | 9 | <10 | 82 |
| M170777 | | 14 | 210 | 5 | 0.29 | <2 | 2 | 11 | <0.01 | <10 | <10 | 5 | <10 | 134 |
| M170778 | | 42 | 300 | 95 | 0.95 | <2 | <1 | 7 | <0.01 | <10 | <10 | 3 | <10 | 34 |
| M170779 | | 9 | 210 | 31 | 0.29 | <2 | <1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 10 |
| M170780 | | 29 | 710 | 66 | 0.96 | 4 | 1 | 6 | <0.01 | <10 | <10 | 3 | <10 | 30 |
| M170781 | | 8 | 230 | 140 | 0.34 | <2 | <1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 20 |
| M170782 | | 17 | 200 | 84 | 0.64 | <2 | <1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 7 |
| M170783 | | 12 | 100 | 101 | 0.53 | <2 | <1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 7 |
| M170784 | | 12 | 110 | 22 | 0.50 | <2 | <1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 19 |
| M170785 | | 15 | 80 | 524 | 0.61 | 13 | <1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 47 |
| M170786 | | 12 | 110 | 35 | 0.55 | <2 | <1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 38 |
| M170787 | | 15 | 50 | 62 | 0.78 | <2 | <1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 28 |
| M170788 | | 6 | 40 | 477 | 0.56 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 10 |
| M170789 | | 6 | 30 | 53 | 0.37 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 14 |
| M170790 | | 8 | 30 | 111 | 1.27 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| M170791 | | 8 | 20 | 102 | 0.98 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 25 |
| M170792 | | 8 | 20 | 157 | 1.24 | <2 | <1 | 1 | <0.01 | <10 | <10 | <1 | <10 | 7 |
| M170793 | | 5 | 20 | 23 | 0.50 | <2 | <1 | 1 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| M170794 | | 10 | 30 | 348 | 2.22 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 29 |
| M170795 | | 8 | 30 | 50 | 1.52 | <2 | 1 | 13 | <0.01 | <10 | <10 | 1 | <10 | 79 |
| M170796 | | 13 | 1800 | 5 | 0.09 | <2 | 12 | 80 | 0.24 | <10 | <10 | 213 | <10 | 45 |
| M170797 | | 12 | 20 | 78 | 2.98 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 27 |
| M170798 | | 11 | 20 | 133 | 2.60 | 2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 15 |
| M170799 | | 9 | 140 | 30 | 0.82 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 28 |

Comments: NSS is non-sufficient sample.



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CERTIFICATE OF ANALYSIS VA03027826

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|-----------|----------|-----------|----------|----------|----------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Ti | U | V | W | Zn |
| | | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 | ppm 1 | ppm 1 | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| M170800 | | 7 | 210 | 12 | 0.44 | <2 | 1 | 21 | <0.01 | <10 | <10 | 3 | <10 | 45 |
| M170801 | | 12 | 230 | 152 | 0.46 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 30 |
| M170802 | | 17 | 560 | 326 | 0.36 | <2 | 2 | 9 | <0.01 | <10 | <10 | 5 | <10 | 178 |
| M170803 | | 15 | 830 | 25 | 0.36 | <2 | 2 | 12 | <0.01 | <10 | <10 | 5 | <10 | 153 |
| M170804 | | 15 | 400 | 15 | 0.04 | <2 | 2 | 6 | <0.01 | <10 | <10 | 3 | <10 | 63 |
| M170805 | | 18 | 690 | 16 | 0.10 | <2 | 2 | 7 | <0.01 | <10 | <10 | 2 | <10 | 40 |
| M170806 | | 14 | 650 | 12 | 0.10 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 52 |

Comments: NSS is non-sufficient sample.

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-10

LENGTH: 215.9 M.

| | | | |
|---------------------------|--------------------------|------------------------|-------------------------------|
| PROPERTY: ZINGER PROPERTY | | HORI. COMP: 152.66 | DRILL CONTRACTOR: LONE RANGER |
| LOCATION: BIG LEDGE | | VERT. COMP: 152.66 | |
| COMMENCED: July 24, 2003 | COMPLETED: July 28, 2003 | CORR. DIP: -45° | CORE SIZE: NQ |
| COORDS: Long. | Lat. | TRUE BEARING: 265° | CASING: 6.1 METERS |
| COORDS: UTM (E) 0561315 | (N) 547361 (EL) | % RECOVERY: | CORE STORAGE: VINE PROPERTY |
| COORDS: Grid (E) | (N) (EL) | LOGGED DATE: July 2003 | |
| ELEVATION: 1638.38 | COLLAR: Dip: Azi: | LOGGED BY: D.L. Pighin | |
| OBJECTIVE: | | | |
| SURVEYS: Depth: | Dip: -45° Azi: 265° | Type: | |
| ADDITIONAL SURVEYS: | | | |
| Depth: | Dip: Azi: | | |

| From | To | LITHOLOGY: Quartzite, minor siltstone with thin argillite bed partings. |
|------|------|---|
| 6.1 | 44.0 | COLOR: Quartzite are mainly purplish gray and light maroon, with dark maroon and purple lineation. |
| | | PRIMARY STRUCTURE: Thin to very thin bedded, bedding distinct, generally wavy. Fine crenulated laminations mark most of the quartzite beds, light green argillite form thin lamina in some beds of quartzites are all very fine grained. Bedding ranges from parallel to 5° to core axis. |
| | | TECTONIC STRUCTURE: |
| | | GENERAL ALTERATION: Regional silicification and sericitization. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: At 41.5 m. specularite and quartz vein cuts core @ 12°, Vein is 1 to 2 cm. thick. |
| | | ADDITIONAL OBSERVATIONS: |

**GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT**

27,340

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-10

LENGTH: 215.9 M.

| From | To | LITHOLOGY: Phyllitic siltstone and argillite. |
|------|------|--|
| 44.0 | 53.7 | COLOR: Gray with wisps of purplish gray and maroon with thin wispy bands of light yellowish green. |
| | | PRIMARY STRUCTURE: Nil. |
| | | TECTONIC STRUCTURE: Weakly phyllitic to intensely phyllitic in argillite sections. Foliation cuts core at 43° and 47°. |
| | | GENERAL ALTERATION: 47.0° to 53.7° partly silicified, with abundant wispy bands of light yellowish green sericite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Scattered quartz veinlets parallel to foliation and at 40° to core axis, veinlets are later than the foliation. Those veins generally host disseminated pyrite and limonite after pyrite. |
| | | ADDITIONAL OBSERVATIONS: Limonite staining is abundant from 48.0 – 53.7. |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| STND | | | 62 P B | M 170807 | " | NSS | 22.9 | 16 | 39 | 114 | 183 |
| 48.5 | 49.5 | 0 | Scattered quartz veinlets, parallel to foliation, host pyrite and limonite after pyrite. | M 170808 | 1 | <0.05 | <0.2 | 4 | <2 | 25 | 4 |
| 49.5 | 50.5 | 70 | Scattered quartz veinlets, parallel to foliation, host pyrite and limonite after pyrite. | M 170809 | 1 | <0.05 | <0.2 | <2 | <2 | 22 | 2 |
| 50.5 | 51.5 | 0 | Scattered quartz veinlets, parallel to foliation, host pyrite and limonite after pyrite. | M 170810 | 1 | <0.05 | <0.2 | <2 | 3 | 18 | 1 |
| 51.5 | 52.5 | 0 | Scattered quartz veinlets, parallel to foliation, host pyrite and limonite after pyrite. | M 170811 | 1 | <0.05 | <0.2 | <2 | 3 | 23 | 1 |
| 52.5 | 53.5 | 0 | Scattered quartz veinlets, parallel to foliation, host pyrite and limonite after pyrite. | M 170812 | 1 | <0.05 | <0.2 | <2 | 3 | 30 | 1 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-10

LENGTH: 215.9 M.

| From | To | LITHOLOGY: Brecciated quartzite. |
|------|------|---|
| 53.7 | 68.0 | COLOR: Light greenish gray to light maroon. |
| | | PRIMARY STRUCTURE: Bedding to core from 53.7 to 67.5 appears to be 65° to 70°. |
| | | TECTONIC STRUCTURE: 53.7 – 67.5 moderately brecciated to locally strongly brecciated ie. 57.0 – 58.0 matrix is formed by white drusy quartz and lesser carbonate. |
| | | GENERAL ALTERATION: Quartzites are intensely silicified, and sericitized by light yellowish green sericite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Rare disseminated pyrite occurs in quartz – carbonate breccia matrix. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 53.5 | 54.5 | 0 | Brecciated quartzite rare disseminated pyrite in quartz - carbonate matrix. | M 170813 | 1 | 0.09 | <0.2 | <2 | <2 | 18 | 2 |
| 54.5 | 55.5 | 0 | Brecciated quartzite rare disseminated pyrite in quartz - carbonate matrix. | M 170814 | 1 | <0.05 | <0.2 | <2 | 4 | 20 | 5 |
| 55.5 | 56.5 | 0 | Brecciated quartzite rare disseminated pyrite in quartz - carbonate matrix. | M 170815 | 1 | <0.05 | <0.2 | <2 | <2 | 13 | 2 |
| 56.5 | 57.5 | 0 | Brecciated quartzite rare disseminated pyrite in quartz - carbonate matrix. | M 170816 | 1 | <0.05 | <0.2 | <2 | 2 | 18 | 2 |
| 57.5 | 58.5 | 0 | Brecciated quartzite rare disseminated pyrite in quartz - carbonate matrix. | M 170817 | 1 | <0.05 | <0.2 | <2 | 2 | 19 | 4 |
| 58.5 | 59.5 | 0 | Brecciated quartzite rare disseminated pyrite in quartz - carbonate matrix. | M 170818 | 1 | <0.05 | <0.2 | <2 | 2 | 13 | 2 |
| 59.5 | 60.5 | 0 | Brecciated quartzite rare disseminated pyrite in quartz - carbonate matrix. | M 170819 | 1 | 0.13 | <0.2 | <2 | <2 | 17 | 3 |
| 60.5 | 61.5 | 0 | Brecciated quartzite rare disseminated pyrite in quartz - carbonate matrix. | M 170820 | 1 | <0.05 | <0.2 | <2 | <2 | 16 | 4 |
| 61.5 | 62.5 | 0 | Brecciated quartzite rare disseminated pyrite in quartz - carbonate matrix. | M 170821 | 1 | <0.05 | <0.2 | <2 | 2 | 19 | 3 |
| 62.5 | 63.5 | 0 | Brecciated quartzite rare disseminated pyrite in quartz - carbonate matrix. | M 170822 | * | 0.09 | <0.2 | <2 | 2 | 15 | 2 |
| STND | | 0 | 7 P A | M 170823 | 1 | NSS | <0.2 | 2400 | 31 | 15 | 35 |
| 63.5 | 64.5 | 0 | Brecciated quartzite rare disseminated pyrite in quartz - carbonate matrix. | M 170824 | 1 | <0.05 | <0.2 | 3 | <2 | 16 | 5 |
| 64.5 | 65.5 | 0 | Brecciated quartzite rare disseminated pyrite in quartz - carbonate matrix. | M 170825 | 1 | <0.05 | <0.2 | 3 | <2 | 12 | 5 |
| 65.5 | 66.5 | 0 | Brecciated quartzite rare disseminated pyrite in quartz - carbonate matrix. | M 170826 | 1 | <0.05 | <0.2 | <2 | <2 | 15 | 4 |
| 66.5 | 67.5 | 0 | Brecciated quartzite rare disseminated pyrite in quartz - carbonate matrix. | M 170827 | 1 | <0.05 | <0.2 | 32 | 12 | 34 | 4 |
| 67.5 | 68 | 0 | Brecciated quartzite rare disseminated pyrite in quartz - carbonate matrix. | M 170828 | 0.5 | <0.05 | 0.5 | 55 | 158 | 44 | 53 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z-03-10
LENGTH: 215.9 M.

| From | To | LITHOLOGY: Quartz vein drusy white quartz with minor limonite. |
|------|------|--|
| 68.0 | 71.0 | COLOR: |
| | | PRIMARY STRUCTURE: Nil. |
| | | TECTONIC STRUCTURE: |
| | | GENERAL ALTERATION: |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Quartz is weakly mineralized by pyrite and limonite after pyrite. 1% to 2% pyrite and limonite. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 68 | 68.5 | 0 | Drusy white quartz vein 1% to 2% pyrite and limonite after pyrite. | M 170829 | 0.5 | <0.05 | 0.3 | 51 | 120 | 72 | 29 |
| 68.5 | 69 | 0 | Drusy white quartz vein 1% to 2% pyrite and limonite after pyrite. | M 170830 | 0.5 | <0.05 | 0.8 | 29 | 263 | 56 | 16 |
| STND | | 0 | 7 P A | M 170831 | * | NSS | <0.2 | 2360 | 31 | 16 | 35 |
| 69.0 | 69.5 | 0 | Drusy white quartz vein 1% to 2% pyrite and limonite after pyrite. | M 170832 | 0.5 | <0.05 | 0.6 | 24 | 114 | 37 | 29 |
| 69.5 | 70 | 0 | Drusy white quartz vein 1% to 2% pyrite and limonite after pyrite. | M 170833 | 0.5 | <0.05 | 1.1 | 26 | 178 | 25 | 51 |
| 70 | 70.5 | 0 | Drusy white quartz vein 1% to 2% pyrite and limonite after pyrite. | M 170834 | 0.5 | <0.05 | 0.3 | 21 | 200 | 48 | 13 |
| 70.5 | 71 | 0 | Drusy white quartz vein 1% to 2% pyrite and limonite after pyrite. | M 170835 | 0.5 | <0.05 | 0.4 | 28 | 399 | 83 | 9 |

| From | To | LITHOLOGY: Quartzite minor argillite (less than 10% argillite in interval). |
|------|------|---|
| 71.0 | 93.5 | COLOR: Light tannish gray, quartzite, with yellowish green argillite bed partings. |
| | | PRIMARY STRUCTURE: Medium to thin and very thin bedded, bedding is distinct and wavy to wispy. Quartzites are very fine grained. Argillite forms thin interbeds and thin irregular lamina with in quartzites. |
| | | TECTONIC STRUCTURE: Rare quartz - carbonate filled fractures at 72 and 82° to core. |
| | | GENERAL ALTERATION: Intensely silicified and weakly sericitized quartzites, thin argillite partings altered to yellowish green sericite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Rare pyrite in thin quartz carbonate veinlets. |
| | | ADDITIONAL OBSERVATIONS: |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z-03-10
LENGTH: 215.9 M.

| From | To | LITHOLOGY: Argillite interbedded siltstone. |
|------|-------|---|
| 93.5 | 121.0 | COLOR: Olive gray, and gray argillite and siltstone, finely laminated by wispy layers and lenses of dark purplish gray. |
| | | PRIMARY STRUCTURE: Thin to very thin bedded, distinct bedding, beds are distorted by soft sediment deformation and tectonics. At 107 bedding to core = 16°. |
| | | TECTONIC STRUCTURE: Very faint cleavage throughout section appears to be sub-parallel to bedding. |
| | | GENERAL ALTERATION: short sections 0.5 m. to a meter of intense yellowish green sericitization and silicification. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Nil. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | LITHOLOGY: Quartzite, minor argillite. |
|-------|-------|---|
| 121.0 | 124.0 | COLOR: Quartzite light maroon with light yellowish green argillite partings. |
| | | PRIMARY STRUCTURE: Medium to thin bedded, bedding distinct and distorted. Quartzites are very fine grained, locally very finely parallel laminated. |
| | | TECTONIC STRUCTURE: Rare very thin quartz carbonate filled fractures at 82° and 11° to core. |
| | | GENERAL ALTERATION: Intensely silicified quartzite, argillite beds are altered to yellowish green sericite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Rare disseminated pyrite in altered sediments and finely disseminated pyrite in quartz – carbonate veinlets. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | LITHOLOGY: Argillite interbedded, siltstone with rare quartzite. |
|-------|-------|--|
| 124.0 | 186.0 | COLOR: Gray and olive gray argillite and siltstone, with dark purplish black and maroon lineation. |
| | | PRIMARY STRUCTURE: Thin to very thin bedded, bedding is distinct wispy and lenticular, distorted in part by soft sediment deformation and tectonics. Bedding to core axis at 135.0 = 19°, at 163.0 = 30°, at 185.0 = 32. |
| | | TECTONIC STRUCTURE: Weakly developed cleavage subparallel to bedding, some thin gouge filled shear zones parallel to bedding. |
| | | GENERAL ALTERATION: Regional. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: NIL. |
| | | ADDITIONAL OBSERVATIONS: |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z-03-10
LENGTH: 215.9 M.

| From | To | LITHOLOGY: Quartzite interbedded argillite (70% argillite in this interval). |
|-------|-------|---|
| 186.0 | 205.4 | COLOR: Light greenish gray quartzite interbedded green to yellowish green argillite. |
| | | PRIMARY STRUCTURE: Thin to very thin bedded, bedding is distinct, wavy to distorted by soft sediment deformation (ie) flame, structure, ball and pillow structures, dewatering structure etc. Bedding to core at 203.5 = 31°. |
| | | TECTONIC STRUCTURE: At 203.0 thin gouge filled shear plane parallel to bedding. |
| | | GENERAL ALTERATION: Regional. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Nil. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | LITHOLOGY: Quartzite interbedded argillite (90% argillite). |
|--------|-------|---|
| 205.4 | 215.9 | COLOR: Gray and maroon quartzite with dark gray with lenticular to wispy maroon lineations. |
| END OF | | PRIMARY STRUCTURE: Thin to very thin bedded, bedding is distinct and wavy. Sediments are strongly current laminated, some beds are composed of stacked overlapping current ripples. Soft sediment deformation structures such as ball and pillow is common. |
| HOLE | | TECTONIC STRUCTURE: NIL. |
| | | GENERAL ALTERATION: REGIONAL. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: NIL. |
| | | ADDITIONAL OBSERVATIONS: |



ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY

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To: CHAPLEAU RESOURCES
104-135 10TH AVE S
CRANBROOK BC V1C 2N1

Page # : 1
Date : 5-Aug-2003
Account: NJY

CERTIFICATE VA03028541

Project : Z-03-10

P.O. No:

This report is for 42 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 31-Jul-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| CRU-31 | Fine crushing - 70% <2mm |
| LOG-24 | Pulp Login - Rcd w/o Barcode |
| SCR-21 | Screen to -100 um |
| LOG-22 | Sample login - Rcd w/o BarCode |
| PUL-21 | Pulverize entire sample |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
104-135 10TH AVE S
CRANBROOK BC V1C 2N1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

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Page #: 2 - A
Total # of pages: 3 (A - C)
Date: 5-Aug-2003
Account: NJY

Project: Z-03-10

CERTIFICATE OF ANALYSIS VA03028541

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M170807 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 10.95 | 10.95 | 22.9 | 1.78 | 16 | <10 | 90 | <0.5 |
| M170808 | | 1.76 | <0.05 | <0.05 | <0.05 | <0.001 | 4.59 | 1683.5 | 0.03 | 0.01 | <0.2 | 0.41 | 4 | <10 | 220 | <0.5 |
| M170809 | | 0.70 | <0.05 | <0.05 | <0.05 | <0.001 | 4.07 | 655.1 | <0.01 | <0.01 | <0.2 | 0.40 | <2 | <10 | 380 | <0.5 |
| M170810 | | 2.58 | <0.05 | <0.05 | <0.05 | <0.001 | 10.93 | 2470 | 0.01 | <0.01 | <0.2 | 0.37 | <2 | <10 | 300 | <0.5 |
| M170811 | | 2.52 | <0.05 | <0.05 | <0.05 | <0.001 | 10.48 | 2440 | 0.01 | <0.01 | <0.2 | 0.37 | <2 | <10 | 300 | <0.5 |
| M170812 | | 1.38 | <0.05 | <0.05 | <0.05 | <0.001 | 4.20 | 1312.5 | 0.04 | 0.04 | <0.2 | 0.26 | <2 | <10 | 790 | <0.5 |
| M170813 | | 2.60 | 0.09 | 0.53 | 0.09 | 0.007 | 13.13 | 2521 | 0.13 | 0.04 | <0.2 | 0.23 | <2 | <10 | 520 | <0.5 |
| M170814 | | 2.34 | <0.05 | <0.05 | <0.05 | <0.001 | 5.13 | 2268 | 0.01 | 0.01 | <0.2 | 0.23 | <2 | <10 | 1000 | <0.5 |
| M170815 | | 2.76 | <0.05 | <0.05 | <0.05 | <0.001 | 12.30 | 2705 | 0.04 | <0.01 | <0.2 | 0.13 | <2 | <10 | 120 | <0.5 |
| M170816 | | 2.78 | <0.05 | <0.05 | <0.05 | <0.001 | 16.01 | 2349 | <0.01 | 0.01 | <0.2 | 0.20 | <2 | <10 | 610 | <0.5 |
| M170817 | | 2.32 | <0.05 | <0.05 | <0.05 | <0.001 | 5.63 | 2089 | 0.01 | 0.01 | <0.2 | 0.22 | <2 | <10 | 320 | <0.5 |
| M170818 | | 3.44 | <0.05 | <0.05 | <0.05 | <0.001 | 13.50 | 3279 | 0.01 | <0.01 | <0.2 | 0.22 | <2 | <10 | 250 | <0.5 |
| M170819 | | 2.76 | 0.13 | 2.04 | 0.12 | 0.022 | 10.79 | 2642 | 0.17 | 0.07 | <0.2 | 0.22 | <2 | <10 | 390 | <0.5 |
| M170820 | | 2.04 | <0.05 | <0.05 | <0.05 | <0.001 | 6.50 | 1929.5 | 0.05 | 0.03 | <0.2 | 0.20 | <2 | <10 | 310 | <0.5 |
| M170821 | | 2.52 | <0.05 | <0.05 | <0.05 | <0.001 | 13.48 | 2374 | 0.04 | 0.01 | <0.2 | 0.20 | <2 | <10 | 400 | <0.5 |
| M170822 | | 2.42 | 0.09 | <0.05 | 0.10 | <0.001 | 7.44 | 2252 | 0.09 | 0.10 | <0.2 | 0.20 | <2 | <10 | 100 | <0.5 |
| M170823 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 3.26 | 2.99 | <0.2 | 0.79 | 2400 | <10 | 160 | 1.2 |
| M170824 | | 3.92 | <0.05 | <0.05 | <0.05 | <0.001 | 12.27 | 3783 | 0.05 | 0.03 | <0.2 | 0.21 | 3 | <10 | 30 | <0.5 |
| M170825 | | 2.28 | <0.05 | <0.05 | <0.05 | <0.001 | 8.89 | 2214 | 0.03 | 0.02 | <0.2 | 0.23 | 3 | <10 | 80 | <0.5 |
| M170826 | | 2.68 | <0.05 | <0.05 | <0.05 | <0.001 | 10.99 | 2610 | 0.01 | <0.01 | <0.2 | 0.28 | <2 | <10 | 50 | <0.5 |
| M170827 | | 2.28 | <0.05 | <0.05 | <0.05 | <0.001 | 6.90 | 2202 | 0.01 | <0.01 | <0.2 | 0.26 | 32 | <10 | 40 | <0.5 |
| M170828 | | 1.24 | <0.05 | <0.05 | <0.05 | <0.001 | 24.89 | 1084.5 | 0.02 | <0.01 | 0.5 | 0.06 | 55 | <10 | 10 | <0.5 |
| M170829 | | 1.04 | <0.05 | <0.05 | <0.05 | <0.001 | 7.10 | 987.8 | 0.01 | <0.01 | 0.3 | 0.12 | 51 | <10 | 10 | <0.5 |
| M170830 | | 1.20 | <0.05 | <0.05 | <0.05 | <0.001 | 21.60 | 1115.5 | 0.01 | 0.01 | 0.8 | 0.05 | 29 | <10 | 10 | <0.5 |
| M170831 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 3.09 | 2.98 | <0.2 | 0.79 | 2360 | <10 | 150 | 1.2 |
| M170832 | | 0.86 | <0.05 | <0.05 | <0.05 | <0.001 | 6.56 | 802.9 | 0.01 | <0.01 | 0.6 | 0.03 | 24 | <10 | <10 | <0.5 |
| M170833 | | 2.02 | <0.05 | <0.05 | <0.05 | <0.001 | 4.58 | 1938.0 | 0.01 | <0.01 | 1.1 | 0.03 | 26 | <10 | <10 | <0.5 |
| M170834 | | 1.06 | <0.05 | <0.05 | <0.05 | <0.001 | 9.42 | 1011.5 | 0.01 | <0.01 | 0.3 | 0.19 | 21 | <10 | 20 | <0.5 |
| M170835 | | 1.12 | <0.05 | <0.05 | <0.05 | <0.001 | 5.37 | 1060.0 | 0.01 | <0.01 | 0.4 | 0.21 | 28 | <10 | 30 | <0.5 |
| M170836 | | 1.04 | <0.05 | <0.05 | <0.05 | <0.001 | 3.13 | 991.5 | 0.01 | <0.01 | <0.2 | 0.21 | 70 | <10 | 30 | <0.5 |
| M170837 | | 1.04 | <0.05 | <0.05 | <0.05 | <0.001 | 7.45 | 967.8 | 0.01 | <0.01 | 0.2 | 0.28 | 18 | <10 | 50 | <0.5 |
| M170838 | | 1.44 | <0.05 | <0.05 | <0.05 | <0.001 | 6.18 | 1356.5 | 0.01 | <0.01 | <0.2 | 0.19 | 13 | <10 | 40 | <0.5 |
| M170839 | | 1.20 | <0.05 | <0.05 | <0.05 | <0.001 | 1.23 | 1116.5 | 0.01 | <0.01 | <0.2 | 0.25 | 11 | <10 | 40 | <0.5 |
| M170840 | | 1.04 | <0.05 | <0.05 | <0.05 | <0.001 | 0.80 | 982.6 | 0.02 | <0.01 | <0.2 | 0.25 | 16 | <10 | 60 | <0.5 |
| M170841 | | 1.32 | <0.05 | <0.05 | <0.05 | <0.001 | 1.03 | 1262.0 | 0.01 | <0.01 | <0.2 | 0.26 | 6 | <10 | 50 | <0.5 |
| M170842 | | 0.74 | <0.05 | <0.05 | <0.05 | <0.001 | 0.96 | 698.1 | 0.01 | <0.01 | <0.2 | 0.31 | 3 | <10 | 50 | <0.5 |
| M170843 | | 0.60 | <0.05 | <0.05 | <0.05 | <0.001 | 1.47 | 543.2 | 0.01 | <0.01 | <0.2 | 0.41 | 5 | <10 | 70 | <0.5 |
| M170844 | | 1.32 | <0.05 | <0.05 | <0.05 | <0.001 | 0.88 | 1245.0 | 0.01 | <0.01 | <0.2 | 0.32 | 3 | <10 | 60 | <0.5 |
| M170845 | | 1.26 | <0.05 | <0.05 | <0.05 | <0.001 | 0.53 | 1200.5 | 0.01 | <0.01 | <0.2 | 0.31 | 3 | <10 | 50 | <0.5 |
| M170846 | | 1.18 | <0.05 | <0.05 | <0.05 | <0.001 | 1.28 | 1127.0 | 0.01 | <0.01 | <0.2 | 0.30 | 4 | <10 | 50 | <0.5 |

Comments: NSS is non-sufficient sample.



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CRANBROOK BC V1C 2N1

Page #: 3 - A
Total # of pages: 3 (A - C)
Date: 5-Aug-2003
Account: NJY

Project: Z-03-10

CERTIFICATE OF ANALYSIS VA03028541

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Se ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M170847 | | 2.10 | <0.05 | <0.05 | <0.05 | <0.001 | 1.48 | 2013 | 0.01 | <0.01 | <0.2 | 0.33 | 2 | <10 | 70 | <0.5 |
| M170848 | | 3.12 | <0.05 | <0.05 | <0.05 | <0.001 | 1.67 | 3023 | 0.01 | <0.01 | <0.2 | 0.24 | 4 | <10 | 50 | <0.5 |

Comments: NSS is non-sufficient sample.



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Page #: 2 - B
Total # of pages : 3 (A - C)
Date : 5-Aug-2003
Account: NJY

Project : Z-03-10

CERTIFICATE OF ANALYSIS VA03028541

| Sample Description | Method Analyte Units LOR | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 |
|--------------------|-----------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M170807 | | <2 | 1.00 | 4.0 | 20 | 28 | 183 | 3.56 | <10 | <1 | 0.26 | 10 | 0.86 | 755 | 29 | 0.04 |
| M170808 | | <2 | 0.21 | <0.5 | 8 | 6 | 4 | 2.26 | <10 | <1 | 0.23 | 40 | 0.05 | 170 | <1 | 0.01 |
| M170809 | | <2 | 0.20 | <0.5 | 7 | 5 | 2 | 2.09 | <10 | <1 | 0.22 | 50 | 0.05 | 159 | <1 | 0.01 |
| M170810 | | <2 | 0.20 | <0.5 | 5 | 6 | 1 | 2.66 | <10 | <1 | 0.17 | 50 | 0.06 | 116 | <1 | 0.01 |
| M170811 | | <2 | 0.17 | <0.5 | 6 | 6 | 1 | 2.48 | <10 | 1 | 0.19 | 40 | 0.05 | 172 | <1 | 0.01 |
| M170812 | | <2 | 0.13 | <0.5 | 9 | 4 | 1 | 2.21 | <10 | <1 | 0.11 | 20 | 0.06 | 361 | <1 | 0.01 |
| M170813 | | <2 | 0.25 | <0.5 | 4 | 5 | 2 | 1.21 | <10 | <1 | 0.11 | 20 | 0.20 | 149 | <1 | 0.01 |
| M170814 | | <2 | 0.55 | <0.5 | 3 | 6 | 5 | 1.51 | <10 | <1 | 0.12 | 20 | 0.30 | 160 | <1 | 0.01 |
| M170815 | | <2 | 0.24 | <0.5 | 1 | 9 | 2 | 1.06 | <10 | <1 | 0.06 | 20 | 0.15 | 99 | <1 | 0.02 |
| M170816 | | <2 | 0.24 | <0.5 | 4 | 6 | 2 | 1.27 | <10 | <1 | 0.11 | 20 | 0.28 | 112 | <1 | 0.01 |
| M170817 | | <2 | 0.06 | <0.5 | 4 | 6 | 4 | 1.37 | <10 | <1 | 0.12 | 30 | 0.24 | 127 | <1 | 0.02 |
| M170818 | | <2 | 0.23 | <0.5 | 5 | 5 | 2 | 1.45 | <10 | <1 | 0.12 | 20 | 0.24 | 114 | <1 | 0.01 |
| M170819 | | <2 | 0.18 | <0.5 | 4 | 5 | 3 | 1.33 | <10 | <1 | 0.13 | 20 | 0.29 | 166 | <1 | 0.01 |
| M170820 | | <2 | 0.27 | <0.5 | 3 | 6 | 4 | 1.10 | <10 | <1 | 0.11 | 30 | 0.24 | 134 | <1 | 0.02 |
| M170821 | | <2 | 0.20 | <0.5 | 4 | 5 | 3 | 1.31 | <10 | <1 | 0.10 | 30 | 0.32 | 152 | <1 | 0.01 |
| M170822 | | <2 | 0.43 | <0.5 | 5 | 6 | 2 | 1.34 | <10 | <1 | 0.12 | 10 | 0.30 | 318 | <1 | 0.01 |
| M170823 | | 2 | 0.02 | <0.5 | 1 | 37 | 35 | 2.90 | <10 | 1 | 0.33 | 20 | 0.04 | 44 | 3 | 0.01 |
| M170824 | | <2 | 0.35 | <0.5 | 5 | 7 | 5 | 1.15 | <10 | 1 | 0.13 | 10 | 0.28 | 358 | <1 | 0.01 |
| M170825 | | <2 | 0.41 | <0.5 | 5 | 4 | 5 | 1.40 | <10 | <1 | 0.14 | 10 | 0.32 | 450 | <1 | 0.01 |
| M170826 | | <2 | 0.26 | <0.5 | 4 | 4 | 4 | 1.02 | <10 | <1 | 0.15 | 10 | 0.33 | 183 | <1 | 0.02 |
| M170827 | | <2 | 0.09 | 0.6 | 7 | 6 | 4 | 1.04 | <10 | <1 | 0.17 | 10 | 0.09 | 106 | <1 | 0.01 |
| M170828 | | <2 | 0.01 | 1.5 | 21 | 10 | 53 | 0.78 | <10 | <1 | 0.04 | <10 | 0.01 | 16 | <1 | <0.01 |
| M170829 | | <2 | 0.02 | 1.3 | 62 | 6 | 29 | 0.91 | <10 | <1 | 0.08 | 10 | 0.01 | 82 | <1 | <0.01 |
| M170830 | | <2 | <0.01 | 0.8 | 24 | 8 | 16 | 1.29 | <10 | <1 | 0.04 | <10 | <0.01 | 24 | <1 | <0.01 |
| M170831 | | <2 | 0.02 | <0.5 | 1 | 36 | 35 | 2.88 | <10 | 1 | 0.32 | 10 | 0.03 | 43 | 3 | 0.01 |
| M170832 | | <2 | <0.01 | <0.5 | 27 | 11 | 29 | 1.40 | <10 | <1 | 0.03 | <10 | <0.01 | 43 | <1 | <0.01 |
| M170833 | | <2 | 0.01 | <0.5 | 17 | 12 | 51 | 1.10 | <10 | <1 | 0.02 | <10 | <0.01 | 48 | <1 | <0.01 |
| M170834 | | <2 | 0.02 | <0.5 | 6 | 8 | 13 | 0.75 | <10 | <1 | 0.14 | <10 | 0.01 | 35 | <1 | <0.01 |
| M170835 | | <2 | 0.04 | 0.6 | 5 | 7 | 9 | 0.79 | <10 | <1 | 0.17 | 10 | 0.01 | 47 | <1 | <0.01 |
| M170836 | | <2 | 0.04 | 1.8 | 9 | 6 | 14 | 0.86 | <10 | <1 | 0.17 | 10 | 0.02 | 132 | <1 | <0.01 |
| M170837 | | <2 | 0.16 | 1.0 | 7 | 5 | 13 | 0.83 | <10 | <1 | 0.21 | 10 | 0.04 | 134 | <1 | <0.01 |
| M170838 | | <2 | 0.06 | 1.3 | 6 | 5 | 6 | 0.81 | <10 | <1 | 0.15 | 10 | 0.02 | 132 | <1 | <0.01 |
| M170839 | | <2 | 0.06 | 1.0 | 5 | 4 | 7 | 0.79 | <10 | <1 | 0.19 | 10 | 0.02 | 119 | 1 | <0.01 |
| M170840 | | <2 | 0.05 | 1.4 | 7 | 3 | 6 | 1.17 | <10 | <1 | 0.18 | 10 | 0.03 | 216 | <1 | <0.01 |
| M170841 | | <2 | 0.06 | 1.1 | 5 | 3 | 8 | 0.88 | <10 | <1 | 0.18 | 10 | 0.03 | 208 | <1 | <0.01 |
| M170842 | | <2 | 0.03 | 0.8 | 4 | 3 | 4 | 1.02 | <10 | <1 | 0.18 | 10 | 0.05 | 191 | <1 | 0.01 |
| M170843 | | <2 | 0.16 | 0.5 | 5 | 4 | 2 | 1.42 | <10 | 1 | 0.21 | 10 | 0.12 | 309 | <1 | 0.01 |
| M170844 | | <2 | 0.12 | 0.7 | 5 | 5 | 2 | 1.41 | <10 | 1 | 0.18 | 10 | 0.06 | 250 | <1 | 0.01 |
| M170845 | | <2 | 0.36 | <0.5 | 5 | 4 | 3 | 0.98 | <10 | <1 | 0.20 | 10 | 0.25 | 276 | <1 | <0.01 |
| M170846 | | <2 | 0.27 | <0.5 | 3 | 4 | 3 | 0.82 | <10 | <1 | 0.18 | 20 | 0.13 | 178 | <1 | 0.01 |

Comments: NSS is non-sufficient sample.



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Page # : 3 - B
Total # of pages : 3 (A - C)
Date : 5-Aug-2003
Account: NJY

Project : Z-03-10

CERTIFICATE OF ANALYSIS VA03028541

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|-----------|------------|----------|----------|----------|-----------|-----------|----------|-----------|-----------|-----------|----------|----------|-----------|
| | | BI | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn | Mo | Na |
| | | ppm 2 | % 0.01 | ppm 0.5 | ppm 1 | ppm 1 | ppm 1 | % 0.01 | ppm 10 | ppm 1 | % 0.01 | ppm 10 | % 0.01 | ppm 5 | ppm 1 | % 0.01 |
| M170847 | | <2 | 0.41 | <0.5 | 6 | 5 | 4 | 1.24 | <10 | <1 | 0.18 | 10 | 0.23 | 308 | <1 | 0.01 |
| M170848 | | <2 | 0.22 | <0.5 | 4 | 5 | 9 | 0.84 | <10 | <1 | 0.14 | 20 | 0.07 | 215 | <1 | 0.01 |

Comments: NSS is non-sufficient sample.



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Total # of pages : 3 (A - C)
Date : 5-Aug-2003
Account: NJY

Project : Z-03-10

CERTIFICATE OF ANALYSIS VA03028541

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 | ME-ICP41 Ti % 0.01 | ME-ICP41 Ti ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 |
|--------------------|-----------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|
| M170807 | | 19 | 570 | 39 | 1.23 | <2 | 7 | 45 | 0.07 | <10 | <10 | 72 | <10 | 114 |
| M170808 | | 11 | 930 | <2 | 0.01 | <2 | 1 | 8 | <0.01 | <10 | <10 | 3 | <10 | 25 |
| M170809 | | 10 | 880 | <2 | 0.01 | <2 | 1 | 11 | 0.01 | <10 | <10 | 4 | <10 | 22 |
| M170810 | | 6 | 850 | 3 | 0.01 | <2 | 1 | 10 | 0.02 | <10 | <10 | 5 | <10 | 18 |
| M170811 | | 9 | 710 | 3 | 0.01 | <2 | 1 | 8 | 0.01 | <10 | <10 | 4 | <10 | 23 |
| M170812 | | 8 | 520 | 3 | 0.02 | <2 | 1 | 11 | <0.01 | <10 | <10 | 1 | <10 | 30 |
| M170813 | | 4 | 220 | <2 | 0.12 | <2 | 1 | 16 | <0.01 | <10 | <10 | 1 | <10 | 18 |
| M170814 | | 5 | 280 | 4 | 0.11 | <2 | 1 | 30 | <0.01 | <10 | <10 | 2 | <10 | 20 |
| M170815 | | 4 | 80 | <2 | 0.01 | <2 | 1 | 9 | <0.01 | <10 | <10 | 1 | <10 | 13 |
| M170816 | | 5 | 180 | 2 | 0.02 | <2 | 1 | 14 | <0.01 | <10 | <10 | 2 | <10 | 18 |
| M170817 | | 6 | 140 | 2 | 0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 1 | <10 | 19 |
| M170818 | | 6 | 300 | 2 | 0.11 | <2 | 1 | 10 | <0.01 | <10 | <10 | 2 | <10 | 13 |
| M170819 | | 5 | 180 | <2 | 0.06 | <2 | 1 | 11 | <0.01 | <10 | <10 | 1 | <10 | 17 |
| M170820 | | 4 | 170 | <2 | 0.05 | <2 | 1 | 11 | <0.01 | <10 | <10 | 1 | <10 | 16 |
| M170821 | | 7 | 130 | 2 | 0.10 | <2 | 1 | 12 | <0.01 | <10 | <10 | 1 | <10 | 19 |
| M170822 | | 5 | 110 | 2 | 0.37 | <2 | 1 | 13 | <0.01 | <10 | <10 | 1 | <10 | 15 |
| M170823 | | 7 | 270 | 31 | 0.02 | 86 | 7 | 81 | <0.01 | <10 | <10 | 11 | <10 | 15 |
| M170824 | | 5 | 130 | <2 | 0.47 | <2 | 1 | 12 | <0.01 | <10 | <10 | 1 | <10 | 16 |
| M170825 | | 5 | 100 | <2 | 0.52 | <2 | 1 | 14 | <0.01 | <10 | <10 | 1 | <10 | 12 |
| M170826 | | 5 | 200 | <2 | 0.15 | <2 | 1 | 9 | <0.01 | <10 | <10 | 2 | <10 | 15 |
| M170827 | | 5 | 280 | 12 | 0.07 | <2 | 1 | 4 | <0.01 | <10 | <10 | 1 | <10 | 34 |
| M170828 | | 8 | 60 | 158 | 0.02 | 2 | <1 | <1 | <0.01 | <10 | <10 | <1 | <10 | 44 |
| M170829 | | 14 | 180 | 120 | 0.02 | <2 | 1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 72 |
| M170830 | | 6 | 50 | 263 | 0.20 | 2 | <1 | <1 | <0.01 | <10 | <10 | <1 | <10 | 56 |
| M170831 | | 7 | 270 | 31 | 0.02 | 84 | 7 | 78 | <0.01 | <10 | <10 | 11 | <10 | 16 |
| M170832 | | 5 | 20 | 114 | 0.10 | 3 | <1 | <1 | <0.01 | <10 | <10 | <1 | <10 | 37 |
| M170833 | | 4 | 50 | 178 | 0.14 | 10 | <1 | <1 | <0.01 | <10 | <10 | <1 | <10 | 25 |
| M170834 | | 3 | 130 | 200 | 0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 48 |
| M170835 | | 3 | 230 | 399 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 83 |
| M170836 | | 5 | 230 | 92 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 88 |
| M170837 | | 6 | 610 | 51 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 59 |
| M170838 | | 6 | 320 | 34 | <0.01 | <2 | 1 | 1 | <0.01 | <10 | <10 | 1 | <10 | 67 |
| M170839 | | 6 | 350 | 10 | 0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 63 |
| M170840 | | 13 | 360 | 3 | 0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 77 |
| M170841 | | 8 | 370 | 3 | 0.02 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 54 |
| M170842 | | 7 | 150 | 3 | 0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 50 |
| M170843 | | 7 | 150 | 2 | <0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 34 |
| M170844 | | 12 | 440 | 2 | 0.05 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 43 |
| M170845 | | 12 | 570 | <2 | 0.03 | <2 | 1 | 10 | <0.01 | <10 | <10 | 2 | <10 | 18 |
| M170846 | | 5 | 690 | 2 | <0.01 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 11 |

Comments: NSS is non-sufficient sample.



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Page # : 3 - C
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Date : 5-Aug-2003
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Project : Z-03-10

CERTIFICATE OF ANALYSIS VA03028541

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|-----------|----------|-----------|----------|----------|----------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Ti | U | V | W | Zn |
| | | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 | ppm 1 | ppm 1 | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| M170847 | | 12 | 980 | 3 | 0.01 | <2 | 1 | 11 | <0.01 | <10 | <10 | 2 | <10 | 19 |
| M170848 | | 7 | 760 | <2 | <0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 29 |

Comments: NSS is non-sufficient sample.

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-11

LENGTH: 116.5 M.

| | | | |
|--------------------------|----------------------------|--------------------------|-------------------------------|
| PROPERTY: ZINGER | | HORI. COMP: 92.37 meters | DRILL CONTRACTOR: LONE RANGER |
| LOCATION: BIG LEDGE VEIN | | VERT. COMP: 92.37 meters | |
| COMMENCED: JULY 28, 2003 | COMPLETED: JULY 31, 2003 | CORR. DIP: -45 | CORE SIZE: NQ |
| COORDS: Long. | Lat. | TRUE BEARING: 075° | CASING: 3.0 Meters |
| COORDS: UTM (E) 0561301 | (N) 5476538 (EL) | % RECOVERY: | CORE STORAGE: Vine property |
| COORDS: Grid (E) | (N) (EL) | LOGGED DATE: July 2003 | |
| ELEVATION: 1638.38 | COLLAR: Dip: -45 Azi: 075° | LOGGED BY: D.L. PIGHIN | |
| OBJECTIVE: | | | |
| SURVEYS: Depth: | Dip: Azi: | Type: | |
| ADDITIONAL SURVEYS: | | | |
| Depth: | Dip: Azi: | | |

| | | |
|------|----|---|
| From | To | LITHOLOGY: Argillite interbedded siltstone minor quartzite. |
| 3.0 | 34 | COLOR: Mainly gray to lessor brownish gray argillites and siltstone, dark purplish gray bifurcating lineation. |
| | | PRIMARY STRUCTURE: Thin to very thin bedded. Bedding is distinct and wavy, beds are generally finely current laminated, (ie cross-bedded ripple structures). Some quartzite beds are finely laminated by crenulating lamina rarely by fine parallel lamina. Bedding to core axis at 5.0 = 58°, at 26.0 = 63°. |
| | | TECTONIC STRUCTURE: |
| | | GENERAL ALTERATION: Regional silicification and sericitization, scattered patches of limonitized – bleached sediments due to surface weathering. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Rare specularite – quartz veinlets cut core at 5°. Rare thin quartz – limonite veinlets cut core at 33°. |
| | | ADDITIONAL OBSERVATIONS: |

| | | |
|------|------|---|
| From | To | LITHOLOGY: Argillite, rare thin wispy layers of siltstone. |
| 34.0 | 49.0 | COLOR: Argillite is green with paper thin bifurcating yellowish green lineation, weakly speckled by brown weathering. |
| | | PRIMARY STRUCTURE: Thin to very thin bedded, bedding is distinct wispy and wavy due to soft sediment deformation, in some beds distortion may be due to recent tectonics. |
| | | TECTONIC STRUCTURE: Weakly developed cleavage sub-parallel to bedding. |
| | | GENERAL ALTERATION: Some yellowish sericitization along paper thin bifurcating fractures. Argillite is weakly speckled by brown weathering Fe Ca. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Rare thin limonite veinlets generally parallel to bedding or cleavage. |
| | | ADDITIONAL OBSERVATIONS: |

27,340

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-11

LENGTH: 116.5 M.

| From | To | LITHOLOGY: Quartzite, very thin wispy argillite bed partings. |
|------|------|---|
| 49.0 | 63.5 | COLOR: Quartzites are maroon purple and brown with green and yellow argillite parting all speckled dark brown. |
| | | PRIMARY STRUCTURE: Medium to thin bedded, distinct bedding, bedding planes are marked by thin wispy beds of argillite. Quartzite, are all very fine grained. Bedding to core at 59.0 = 57°. |
| | | TECTONIC STRUCTURE: Weakly to moderately crackled brecciated, by thin quartz limonite veinlet, which cut core at 50° and are parallel to bedding at 57°. |
| | | GENERAL ALTERATION: Silicification, some yellow sericitation, and speckled brown by late carbonatization and overprinted by well developed liesegang alteration. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: 49.0 to 68.0 generally limonitic, quartz veinlets. Limonite appears to be after pyrite and Fe-carbonate. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|---|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 60 | 61 | 0 | Moderately well brecciated, with relatively abundant limonite after pyrite. | B | 81356 | 1 | <0.05 | <0.2 | 2 | 3 | 14 | 3 |
| 61 | 62 | 0 | Moderately well brecciated, with relatively abundant limonite after pyrite. | B | 81357 | 1 | <0.05 | <0.2 | 6 | 5 | 17 | 3 |
| 62 | 63 | 0 | Moderately well brecciated, with relatively abundant limonite after pyrite. | M | 170901 | 1 | <0.05 | <0.2 | 6 | 4 | 10 | 6 |
| 63 | 63.5 | 0 | Moderately well brecciated, with relatively abundant limonite after pyrite. | M | 170902 | 0.5 | <0.05 | <0.2 | 14 | 10 | 17 | 7 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-11

LENGTH: 116.5 M.

| From | To | LITHOLOGY: Quartz – limonite vein. Vein contacts are destroyed by drilling. |
|------|------|--|
| 63.5 | 68.0 | COLOR: |
| | | PRIMARY STRUCTURE: |
| | | TECTONIC STRUCTURE: Quartz vein is strongly crackle brecciated. |
| | | GENERAL ALTERATION: Totally oxidized. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: 63.5 to 65.5, quartz vein, ground up to marbles by drilling, marbles consist of milled sediments and quartz. 65.5 to 68.0, vein is mostly intact, hosts abundant limonite, after pyrite and Fe-carbonate. Black hard manganese lines most of the fractures in the quartz, manganese is very late. No fresh pyrite!! Or any other sulphides. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 63.5 | 64 | 0 | Quartz-limonite vein, limonite after pyrite and Fe Carbonate badly ground up core by drill. | M 170903 | 0.5 | <0.05 | <0.2 | 15 | 6 | 15 | 7 |
| 64 | 64.5 | 30 | Quartz-limonite vein, limonite after pyrite and Fe Carbonate badly ground up core by drill. | M 170904 | 0.5 | <0.05 | <0.2 | 11 | 3 | 9 | 5 |
| 64.5 | 65 | 30 | Quartz-limonite vein, limonite after pyrite and Fe Carbonate badly ground up core by drill. | M 170905 | 0.5 | <0.05 | 0.2 | 31 | 12 | 25 | 8 |
| 65 | 65.5 | 30 | Quartz-limonite vein, limonite after pyrite and Fe Carbonate badly ground up core by drill. | M 170906 | 0.5 | <0.05 | 0.7 | 13 | 15 | 12 | 10 |
| 65.5 | 66 | 30 | Quartz-limonite vein, vein still intact, abundant limonite and pyrolusite? | M 170907 | 0.5 | <0.05 | 1.1 | 5 | 12 | 9 | 5 |
| 66 | 66.5 | 30 | Quartz-limonite vein, vein still intact, abundant limonite and pyrolusite? | M 170908 | 0.5 | <0.05 | 1.4 | 14 | 38 | 22 | 10 |
| 66.5 | 67 | 20 | Quartz-limonite vein, vein still intact, abundant limonite and pyrolusite? | M 170909 | 0.5 | <0.05 | 1.1 | 7 | 56 | 12 | 8 |
| 67 | 67.5 | 20 | Quartz-limonite vein, vein still intact, abundant limonite and pyrolusite? | M 170910 | 0.5 | <0.05 | <0.2 | 21 | 107 | 24 | 10 |
| 67.5 | 68 | 0 | Quartz-limonite vein, vein still intact, abundant limonite and pyrolusite? | M 170911 | 0.5 | 0.6 | 0.4 | 97 | 45 | 49 | 9 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-11

LENGTH: 116.5 M.

| From | To | LITHOLOGY: Crackle brecciated, sediments |
|------|------|--|
| 68.0 | 76.0 | COLOR: |
| | | PRIMARY STRUCTURE: Nil |
| | | TECTONIC STRUCTURE: Crackle brecciation is locally strong but generally moderate. Most of the quartz – limonite veins are parallel to foliation 052° to core, some thin gouge layers parallel to foliation. |
| | | GENERAL ALTERATION: Surface oxidization, some good liesegang alteration. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Widely scattered quartz – limonite veinlets generally parallel to foliation, limonite veinlets also follow planes of foliation, pyrolusite commonly occurs in fractures along with limonite. Limonite in this interval appears to be after pyrite and Fe Carbonate. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 68 | 68.5 | 0 | Some crackle brecciation, veins are generally parallel to foliation. | M 170912 | 0.5 | <0.05 | <0.2 | 33 | 4 | 31 | 4 |
| 68.5 | 69 | 0 | Some crackle brecciation, veins are generally parallel to foliation. | M 170913 | 0.5 | <0.05 | <0.2 | 3 | <2 | 8 | 5 |
| 69 | 69.5 | 0 | Some crackle brecciation, veins are generally parallel to foliation. | M 170914 | 0.5 | <0.05 | <0.2 | 9 | <2 | 34 | 5 |
| 69.5 | 70 | 0 | Some crackle brecciation, veins are generally parallel to foliation. | M 170915 | 0.5 | <0.05 | <0.2 | 14 | <2 | 28 | 2 |
| 70 | 70.5 | 0 | Some crackle brecciation, veins are generally parallel to foliation. | M 170916 | 0.5 | <0.05 | <0.2 | 54 | <2 | 68 | 3 |
| 70.5 | 71 | 0 | Some crackle brecciation, veins are generally parallel to foliation. | M 170917 | 0.5 | <0.05 | <0.2 | 20 | 7 | 23 | 9 |
| 71 | 71.5 | 0 | Some crackle brecciation, veins are generally parallel to foliation. | M 170918 | 0.5 | <0.05 | <0.2 | 22 | 2 | 17 | 5 |
| 71.5 | 72 | 0 | Some crackle brecciation, veins are generally parallel to foliation. | M 170919 | 0.5 | <0.05 | <0.2 | 20 | <2 | 15 | 2 |
| 72 | 72.5 | 0 | Some crackle brecciation, veins are generally parallel to foliation. | M 170920 | 0.5 | <0.05 | <0.2 | 41 | <2 | 27 | 4 |
| 72.5 | 73 | 0 | Some crackle brecciation, veins are generally parallel to foliation. | M 170921 | 0.5 | <0.05 | <0.2 | 33 | <2 | 23 | 5 |
| 73 | 73.5 | 0 | Some crackle brecciation, veins are generally parallel to foliation. | M 170922 | 0.5 | <0.05 | <0.2 | 11 | <2 | 7 | 4 |
| STND | | 0 | 50 PA | M 170923 | * | NSS | 3 | 5 | 5 | 53 | 7280 |
| 73.5 | 74 | 0 | Some crackle brecciation, veins are generally parallel to foliation. | M 170924 | 0.5 | <0.05 | <0.2 | 19 | <2 | 11 | 6 |
| 74 | 74.5 | 0 | Some crackle brecciation, veins are generally parallel to foliation. | M 170925 | 0.5 | <0.05 | <0.2 | 18 | <2 | 12 | 4 |
| 74.5 | 75 | 0 | Some crackle brecciation, veins are generally parallel to foliation. | M 170926 | 0.5 | <0.05 | <0.2 | 21 | <2 | 23 | 2 |
| 75 | 75.5 | 0 | Some crackle brecciation, veins are generally parallel to foliation. | M 170927 | 0.5 | <0.05 | <0.2 | 15 | <2 | 24 | 4 |
| 75.5 | 76 | 0 | Some crackle brecciation, veins are generally parallel to foliation. | M 170928 | 0.5 | <0.05 | <0.2 | 13 | 5 | 16 | 6 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-11

LENGTH: 116.5 M.

| From | To | LITHOLOGY: Quartzite interbedded argillite section (20% argillite). |
|--------|-------|---|
| 76.0 | 116.5 | COLOR: Quartzites are generally light maroon laminated by dark maroon, interbedded green and yellowish green argillite. |
| End of | | PRIMARY STRUCTURE: Medium to thin bedded, some very thin bedded, bedding is distinct, generally wispy and wavy, rarely flat. Argillites beds are typically distorted by soft sediment deformation ie. Flame structure, ball and pillow structures etc. Quartzites are very fine grained, finely parallel laminated to fine crenulated lamination. Bedding to core at 84.0 = 52°, at 93.0 = 55°, at 108.0 = 64°, at 116.0 = 65°. |
| Hole | | TECTONIC STRUCTURE: 80.4 to 80.8 Fault gouge cuts core at 09°. |
| | | GENERAL ALTERATION: Quartzites are generally silicified and sericitic, argillite beds are generally totally altered to yellowish green sericite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Rare thin veinlets with weakly disseminated pyrite. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|--|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 76 | 76.5 | 0 | Some crackle brecciation, veins are generally parallel to foliation. | M | 170929 | 0.5 | <0.05 | <0.2 | 12 | <2 | 16 | 2 |
| 76.5 | 77 | 0 | Some crackle brecciation, veins are generally parallel to foliation. | M | 170930 | 0.5 | <0.05 | <0.2 | 13 | <2 | 16 | 4 |
| 77 | 78 | 0 | Some crackle brecciation, veins are generally parallel to foliation. | M | 170931 | 1 | <0.05 | <0.2 | 6 | <2 | 16 | 2 |
| 78 | 79 | 0 | Some crackle brecciation, veins are generally parallel to foliation. | M | 170932 | 1 | <0.05 | <0.2 | 2 | <2 | 14 | 2 |



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Page #: 1
Date : 7-Aug-2003
Account: NJY

CERTIFICATE VA03028712

Project : Z-03-11

P.O. No:

This report is for 36 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 1-Aug-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rod w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| PUL-21 | Pulverize entire sample |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Page #: 2 - A
Total # of pages : 2 (A - C)
Date : 7-Aug-2003
Account: NJY

Project : Z-03-11

CERTIFICATE OF ANALYSIS VA03028712

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| B081356 | | 2.50 | <0.05 | <0.05 | <0.05 | <0.001 | 35.57 | 2342 | 0.02 | 0.01 | <0.2 | 0.37 | 2 | <10 | 50 | <0.5 |
| B084357 | | 2.60 | <0.05 | <0.05 | <0.05 | <0.001 | 32.09 | 2445 | 0.01 | 0.01 | <0.2 | 0.37 | 6 | <10 | 60 | <0.5 |
| M170849 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 0.73 | 0.72 | 2.8 | 2.18 | 9 | 10 | 40 | 0.5 |
| M170850 | | 0.84 | <0.05 | <0.05 | <0.05 | <0.001 | 39.87 | 742.4 | <0.01 | <0.01 | <0.2 | 0.37 | 7 | <10 | 60 | <0.5 |
| M170901 | | 1.02 | <0.05 | <0.05 | <0.05 | <0.001 | 44.34 | 912.5 | 0.01 | <0.01 | <0.2 | 0.31 | 8 | <10 | 50 | <0.5 |
| M170902 | | 0.68 | <0.05 | <0.05 | <0.05 | <0.001 | 18.91 | 614.1 | 0.01 | <0.01 | <0.2 | 0.51 | 14 | <10 | 70 | <0.5 |
| M170903 | | 0.40 | <0.05 | <0.05 | <0.05 | <0.001 | 17.28 | 352.2 | <0.01 | <0.01 | <0.2 | 0.37 | 15 | <10 | 50 | <0.5 |
| M170904 | | 0.28 | <0.05 | <0.05 | <0.05 | <0.001 | 15.52 | 211.4 | <0.01 | <0.01 | <0.2 | 0.18 | 11 | <10 | 40 | <0.5 |
| M170905 | | 0.62 | <0.05 | <0.05 | <0.05 | <0.001 | 29.32 | 540.1 | 0.04 | 0.03 | 0.2 | 0.21 | 31 | <10 | 40 | <0.5 |
| M170906 | | 0.54 | <0.05 | <0.05 | <0.05 | <0.001 | 30.91 | 465.0 | <0.01 | 0.02 | 0.7 | 0.22 | 13 | <10 | 830 | <0.5 |
| M170907 | | 0.70 | <0.05 | <0.05 | <0.05 | <0.001 | 47.42 | 594.9 | 0.02 | <0.01 | 1.1 | 0.05 | 5 | <10 | 1090 | <0.5 |
| M170908 | | 0.76 | <0.05 | <0.05 | <0.05 | <0.001 | 28.54 | 674.9 | 0.02 | 0.02 | 1.4 | 0.16 | 14 | <10 | 1380 | <0.5 |
| M170909 | | 0.84 | <0.05 | <0.05 | <0.05 | <0.001 | 33.64 | 750.8 | 0.01 | 0.01 | 1.1 | 0.04 | 7 | <10 | 1140 | <0.5 |
| M170910 | | 0.74 | <0.05 | <0.05 | <0.05 | <0.001 | 20.25 | 668.9 | 0.02 | <0.01 | <0.2 | 0.12 | 21 | <10 | 400 | <0.5 |
| M170911 | | 0.90 | 0.06 | 0.08 | 0.06 | 0.003 | 35.59 | 822.9 | 0.06 | 0.06 | 0.4 | 0.09 | 97 | <10 | 1130 | <0.5 |
| M170912 | | 1.20 | <0.05 | <0.05 | <0.05 | <0.001 | 23.24 | 1123.5 | 0.01 | <0.01 | <0.2 | 0.14 | 33 | <10 | 30 | <0.5 |
| M170913 | | 1.24 | <0.05 | <0.05 | <0.05 | <0.001 | 23.78 | 144.4 | 0.02 | <0.01 | <0.2 | 0.19 | 3 | <10 | 20 | <0.5 |
| M170914 | | 0.96 | <0.05 | <0.05 | <0.05 | <0.001 | 28.36 | 884.3 | 0.01 | <0.01 | <0.2 | 0.24 | 9 | <10 | 20 | <0.5 |
| M170915 | | 0.72 | <0.05 | <0.05 | <0.05 | <0.001 | 34.40 | 646.7 | 0.01 | <0.01 | <0.2 | 0.21 | 14 | <10 | 20 | <0.5 |
| M170916 | | 1.18 | <0.05 | <0.05 | <0.05 | <0.001 | 31.13 | 1093.0 | 0.01 | 0.01 | <0.2 | 0.23 | 54 | <10 | 370 | <0.5 |
| M170917 | | 1.40 | <0.05 | <0.05 | <0.05 | <0.001 | 8.08 | 1317.0 | 0.01 | 0.01 | <0.2 | 0.25 | 20 | <10 | 210 | <0.5 |
| M170918 | | 2.26 | <0.05 | <0.05 | <0.05 | <0.001 | 9.31 | 2020 | 0.01 | 0.01 | <0.2 | 0.25 | 22 | <10 | 510 | <0.5 |
| M170919 | | 1.24 | <0.05 | <0.05 | <0.05 | <0.001 | 12.29 | 1151.0 | <0.01 | 0.02 | <0.2 | 0.22 | 20 | <10 | 570 | <0.5 |
| M170920 | | 0.94 | <0.05 | <0.05 | <0.05 | <0.001 | 7.21 | 864.9 | 0.01 | 0.01 | <0.2 | 0.24 | 41 | <10 | 1420 | <0.5 |
| M170921 | | 1.28 | <0.05 | <0.05 | <0.05 | <0.001 | 9.01 | 1170.5 | 0.02 | 0.01 | <0.2 | 0.23 | 33 | <10 | 930 | <0.5 |
| M170922 | | 1.06 | <0.05 | <0.05 | <0.05 | <0.001 | 15.38 | 972.9 | 0.01 | <0.01 | <0.2 | 0.29 | 11 | <10 | 110 | <0.5 |
| M170923 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 0.73 | 0.72 | 3.0 | 2.26 | 5 | 10 | 50 | 0.5 |
| M170924 | | 0.98 | <0.05 | <0.05 | <0.05 | <0.001 | 28.13 | 888.4 | <0.01 | 0.01 | <0.2 | 0.26 | 19 | <10 | 70 | <0.5 |
| M170925 | | 1.06 | <0.05 | <0.05 | <0.05 | <0.001 | 7.58 | 991.8 | <0.01 | 0.01 | <0.2 | 0.19 | 18 | <10 | 30 | <0.5 |
| M170926 | | 0.88 | <0.05 | <0.05 | <0.05 | <0.001 | 13.06 | 787.8 | <0.01 | <0.01 | <0.2 | 0.26 | 21 | <10 | 50 | <0.5 |
| M170927 | | 1.00 | <0.05 | <0.05 | <0.05 | <0.001 | 13.01 | 918.9 | <0.01 | <0.01 | <0.2 | 0.54 | 15 | <10 | 40 | <0.5 |
| M170928 | | 1.16 | <0.05 | <0.05 | <0.05 | <0.001 | 12.82 | 1082.0 | <0.01 | <0.01 | <0.2 | 0.68 | 13 | <10 | 50 | <0.5 |
| M170929 | | 0.88 | <0.05 | <0.05 | <0.05 | <0.001 | 10.62 | 814.8 | <0.01 | <0.01 | <0.2 | 0.62 | 12 | <10 | 30 | <0.5 |
| M170930 | | 0.84 | <0.05 | <0.05 | <0.05 | <0.001 | 23.05 | 760.7 | <0.01 | <0.01 | <0.2 | 0.72 | 13 | <10 | 20 | <0.5 |
| M170931 | | 2.56 | <0.05 | <0.05 | <0.05 | <0.001 | 22.56 | 2463 | <0.01 | <0.01 | <0.2 | 0.80 | 6 | <10 | 40 | <0.5 |
| M170932 | | 2.98 | <0.05 | <0.05 | <0.05 | <0.001 | 11.50 | 2882 | <0.01 | 0.01 | <0.2 | 0.74 | 2 | <10 | 40 | <0.5 |

Comments: NSS is non-sufficient sample.



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Page #: 2 - B
Total # of pages : 2 (A - C)
Date : 7-Aug-2003
Account: NJY

Project : Z-03-11

CERTIFICATE OF ANALYSIS VA03028712

| Method Analyte Units LOR | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 |
|-----------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| Sample Description | | | | | | | | | | | | | | | |
| B081356 | <2 | 0.01 | <0.5 | 20 | 45 | 3 | 0.78 | <10 | <1 | 0.22 | 30 | 0.02 | 79 | <1 | 0.01 |
| B081357 | <2 | 0.01 | <0.5 | 31 | 44 | 3 | 0.79 | <10 | <1 | 0.21 | 30 | 0.02 | 144 | <1 | 0.01 |
| M170849 | <2 | 1.06 | <0.5 | 18 | 12 | 7090 | 4.59 | 10 | <1 | 0.25 | 10 | 1.74 | 765 | 4 | 0.17 |
| M170850 | <2 | 0.01 | <0.5 | 27 | 31 | 11 | 1.47 | <10 | <1 | 0.21 | 50 | 0.02 | 78 | <1 | 0.01 |
| M170901 | <2 | 0.01 | <0.5 | 16 | 27 | 6 | 1.14 | <10 | <1 | 0.20 | 40 | 0.02 | 47 | <1 | 0.01 |
| M170902 | <2 | <0.01 | 0.5 | 29 | 66 | 7 | 1.46 | <10 | <1 | 0.30 | 30 | 0.03 | 78 | <1 | 0.01 |
| M170903 | <2 | <0.01 | <0.5 | 47 | 97 | 7 | 1.01 | <10 | <1 | 0.23 | 30 | 0.02 | 101 | 1 | 0.01 |
| M170904 | <2 | <0.01 | <0.5 | 16 | 193 | 5 | 0.72 | <10 | <1 | 0.12 | 20 | 0.01 | 86 | 1 | <0.01 |
| M170905 | 3 | <0.01 | 0.7 | 131 | 149 | 8 | 3.00 | <10 | <1 | 0.14 | 20 | 0.02 | 116 | 3 | <0.01 |
| M170906 | <2 | <0.01 | 0.5 | 66 | 176 | 10 | 0.73 | <10 | <1 | 0.14 | 10 | 0.01 | 2960 | 1 | 0.01 |
| M170907 | 2 | <0.01 | 0.7 | 71 | 8 | 5 | 0.63 | <10 | <1 | 0.03 | <10 | <0.01 | 3840 | 1 | <0.01 |
| M170908 | <2 | 0.01 | 0.8 | 196 | 6 | 10 | 1.24 | <10 | <1 | 0.08 | 10 | 0.01 | 4710 | 2 | <0.01 |
| M170909 | 2 | <0.01 | 0.5 | 199 | 12 | 8 | 0.65 | <10 | <1 | 0.02 | <10 | <0.01 | 3940 | 2 | <0.01 |
| M170910 | 2 | <0.01 | 0.5 | 119 | 6 | 10 | 1.54 | <10 | <1 | 0.05 | <10 | 0.02 | 1650 | 1 | <0.01 |
| M170911 | 2 | 0.01 | 1.5 | 241 | 13 | 9 | 3.97 | <10 | <1 | 0.05 | 10 | 0.01 | 4360 | 2 | <0.01 |
| M170912 | <2 | <0.01 | <0.5 | 15 | 6 | 4 | 1.40 | <10 | <1 | 0.10 | 30 | 0.01 | 78 | <1 | <0.01 |
| M170913 | <2 | <0.01 | <0.5 | 5 | 11 | 5 | 0.51 | <10 | <1 | 0.13 | 40 | 0.01 | 19 | <1 | <0.01 |
| M170914 | <2 | <0.01 | <0.5 | 11 | 4 | 5 | 1.48 | <10 | <1 | 0.15 | 30 | 0.02 | 24 | <1 | <0.01 |
| M170915 | <2 | <0.01 | <0.5 | 9 | 3 | 2 | 1.16 | <10 | <1 | 0.13 | 30 | 0.01 | 22 | <1 | <0.01 |
| M170916 | <2 | <0.01 | 0.7 | 49 | 4 | 3 | 2.70 | <10 | <1 | 0.14 | 30 | 0.02 | 1420 | 1 | <0.01 |
| M170917 | <2 | <0.01 | <0.5 | 24 | 4 | 9 | 1.19 | <10 | <1 | 0.15 | 40 | 0.02 | 1035 | 1 | <0.01 |
| M170918 | 2 | <0.01 | 0.5 | 32 | 4 | 5 | 0.94 | <10 | <1 | 0.15 | 30 | 0.02 | 1895 | 1 | <0.01 |
| M170919 | <2 | <0.01 | <0.5 | 22 | 3 | 2 | 0.85 | <10 | <1 | 0.13 | 20 | 0.02 | 1845 | <1 | <0.01 |
| M170920 | <2 | 0.01 | 0.8 | 57 | 4 | 4 | 1.58 | <10 | <1 | 0.12 | 10 | 0.02 | 4660 | 2 | <0.01 |
| M170921 | <2 | 0.01 | 0.7 | 47 | 3 | 5 | 1.34 | <10 | <1 | 0.13 | 20 | 0.03 | 3470 | 1 | <0.01 |
| M170922 | <2 | 0.01 | <0.5 | 18 | 3 | 4 | 0.71 | <10 | <1 | 0.19 | 30 | 0.02 | 326 | <1 | 0.01 |
| M170923 | 5 | 1.16 | 0.5 | 19 | 13 | 7280 | 4.96 | 10 | <1 | 0.24 | 10 | 1.79 | 829 | 5 | 0.16 |
| M170924 | <2 | <0.01 | <0.5 | 17 | 3 | 6 | 0.74 | <10 | <1 | 0.17 | 40 | 0.02 | 218 | <1 | <0.01 |
| M170925 | <2 | <0.01 | <0.5 | 22 | 4 | 4 | 1.17 | <10 | <1 | 0.11 | 20 | 0.03 | 125 | <1 | <0.01 |
| M170926 | <2 | <0.01 | 0.5 | 14 | 3 | 2 | 1.54 | <10 | <1 | 0.11 | 20 | 0.08 | 237 | <1 | <0.01 |
| M170927 | <2 | 0.01 | <0.5 | 13 | 8 | 4 | 1.70 | <10 | <1 | 0.10 | 20 | 0.45 | 178 | <1 | <0.01 |
| M170928 | <2 | 0.01 | <0.5 | 15 | 7 | 6 | 1.24 | <10 | <1 | 0.09 | 10 | 0.62 | 218 | <1 | <0.01 |
| M170929 | <2 | 0.01 | <0.5 | 24 | 6 | 2 | 1.24 | <10 | <1 | 0.10 | 10 | 0.56 | 89 | <1 | <0.01 |
| M170930 | 2 | 0.01 | <0.5 | 20 | 7 | 4 | 1.29 | <10 | <1 | 0.09 | 30 | 0.67 | 103 | <1 | <0.01 |
| M170931 | <2 | 0.01 | <0.5 | 9 | 7 | 2 | 1.08 | <10 | <1 | 0.13 | 10 | 0.71 | 130 | <1 | <0.01 |
| M170932 | <2 | 0.01 | <0.5 | 5 | 7 | 2 | 0.70 | <10 | <1 | 0.13 | 20 | 0.69 | 84 | <1 | <0.01 |

Comments: NSS is non-sufficient sample.



ALS Chemex
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Page #: 2 - C
Total # of pages : 2 (A - C)
Date : 7-Aug-2003
Account: NJY

Project : Z-03-11

CERTIFICATE OF ANALYSIS VA03028712

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 | ME-ICP41 Ti % 0.01 | ME-ICP41 Ti ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 |
|--------------------|-----------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|
| B081356 | | 11 | 120 | 3 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 3 | <10 | 14 |
| B081357 | | 11 | 190 | 5 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 3 | <10 | 17 |
| M170849 | | 11 | 1850 | 3 | 0.10 | <2 | 12 | 82 | 0.27 | <10 | <10 | 234 | <10 | 51 |
| M170850 | | 14 | 170 | 19 | <0.01 | <2 | 2 | 4 | <0.01 | <10 | <10 | 3 | <10 | 15 |
| M170901 | | 9 | 130 | 4 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 10 |
| M170902 | | 18 | 140 | 10 | <0.01 | <2 | 2 | 3 | <0.01 | <10 | <10 | 4 | <10 | 17 |
| M170903 | | 16 | 110 | 6 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 3 | <10 | 15 |
| M170904 | | 10 | 60 | 3 | <0.01 | <2 | <1 | 1 | <0.01 | <10 | <10 | 2 | <10 | 9 |
| M170905 | | 25 | 170 | 12 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | 10 | 3 | <10 | 25 |
| M170906 | | 13 | 80 | 15 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 12 |
| M170907 | | 6 | 50 | 12 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | <1 | <10 | 9 |
| M170908 | | 10 | 90 | 38 | <0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 22 |
| M170909 | | 7 | 50 | 56 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | <1 | <10 | 12 |
| M170910 | | 14 | 90 | 107 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 1 | 10 | 24 |
| M170911 | | 21 | 320 | 45 | 0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 49 |
| M170912 | | 5 | 150 | 4 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 31 |
| M170913 | | 3 | 80 | <2 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 8 |
| M170914 | | 8 | 140 | <2 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 34 |
| M170915 | | 6 | 120 | <2 | <0.01 | <2 | <1 | 1 | <0.01 | <10 | <10 | 1 | <10 | 28 |
| M170916 | | 13 | 290 | <2 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 68 |
| M170917 | | 11 | 120 | 7 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 23 |
| M170918 | | 7 | 130 | 2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 17 |
| M170919 | | 6 | 120 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 15 |
| M170920 | | 12 | 230 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | 10 | 2 | <10 | 27 |
| M170921 | | 13 | 210 | <2 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | 10 | 2 | <10 | 23 |
| M170922 | | 6 | 120 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 7 |
| M170923 | | 14 | 1960 | 5 | 0.11 | <2 | 13 | 82 | 0.27 | <10 | <10 | 244 | <10 | 53 |
| M170924 | | 8 | 120 | <2 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 11 |
| M170925 | | 11 | 100 | <2 | <0.01 | <2 | 1 | 1 | <0.01 | <10 | <10 | 2 | <10 | 12 |
| M170926 | | 16 | 220 | <2 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 23 |
| M170927 | | 20 | 170 | <2 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 4 | <10 | 24 |
| M170928 | | 14 | 100 | 5 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 3 | <10 | 16 |
| M170929 | | 13 | 70 | <2 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 3 | <10 | 16 |
| M170930 | | 12 | 100 | <2 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 4 | <10 | 16 |
| M170931 | | 11 | 60 | <2 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 4 | <10 | 16 |
| M170932 | | 6 | 70 | <2 | <0.01 | <2 | 1 | 1 | <0.01 | <10 | <10 | 2 | <10 | 14 |

Comments: NSS is non-sufficient sample.

GEOLOGICAL SURVEY BRANCH ASSESSMENT REPORT

CHAPLEAU RESOURCES LTD. DRILL HOLE RECORD

HOLE #: Z-03-12
LENGTH: 121.3 M.

| | | | |
|-------------------------------|-------------------------------|-------------------------|-------------------------------|
| PROPERTY: ZINGER | | HORI. COMP: 85.77 | DRILL CONTRACTOR: Lone Ranger |
| LOCATION: East of Hart Lake | | VERT. COMP: 85.77 | |
| COMMENCED: September 12, 2003 | COMPLETED: September 14, 2003 | CORE DIP: -45 | CORE SIZE: NQ |
| COORDS: Long. | Lat. | TRUE BEARING: 324° AZI | CASING: 3.0 Meters |
| COORDS: UTM (E) 560864.0 | (N) 5476473.0 (EL) | % RECOVERY: | CORE STORAGE: Vine Property |
| COORDS: Grid (E) | (N) (EL) | LOGGED DATE: Sept. 2003 | |
| ELEVATION: 2070 meters | COLLAR: Dip: -45° Azi: 324° | LOGGED BY: D.L. Pighin | |
| OBJECTIVE: | | | |
| SURVEYS: Depth: | Dip: Azi: | Type: | |

| | | |
|------|------|--|
| From | To | LITHOLOGY: Mainly Hematitic quartzite interbedded argillite (unit consists of 20% argillite). |
| 3.0 | 42.5 | COLOR: Light purplish gray and maroon quartzites, thinly and irregularly banded by dark maroon and purple limeations interbedded light green argillite. |
| | | PRIMARY STRUCTURE: Thin to very thin bedded, bedding is sharp, generally wavy, with some erosional bedding contacts. Quartzites are all fine grained, with delicate cranutated lineation which is parallel to bedding. Green argillite forms thin wispy beds rarely 5 cm. thick, and thin wispy bed partings, and discontinuous laminations in quartzite beds. |
| | | TECTONIC STRUCTURE: Bedding to core axis at 3.0 = 49°, at 23.0 = 20°, at 35.0 = 23°, at 39.5 m = 20° widely scattered thin (5 mm) quartz filled fractures cut core axis at 55°, these fractures are generally at 90° to bedding, lesser quartz filled fractures at 34° and 78° to core. 12.0 to 13.0 rusty finely crushed zone contacts not evident. |
| | | GENERAL ALTERATION: Hematization is probably diagenetic, silicification and sericitization is likely regional. 25.5 to 33.0 hydrothermal alteration associated with pyrite and rare galena mineralization consists of intense smoky gray silicification and sericitization, cut by late wispy layers of yellow to yellowish green sericite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: 25.5 to 33.0 zinger type zone, weakly crackle brecciated and healed by microcrystalline quartz cut by late drusy veinlets of white quartz. Less than 1% fine euhedral pyrite and very rare galena occurs disseminated in altered quartz and in late white drusy quartz veinlets. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|----|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 3 | 4 | 0 | Widely scattered quartz veinlets with minor pyrite. | M 170933 | 1 | 0.12 | 0.2 | <2 | 5 | 9 | 59 |
| 4 | 5 | 0 | Widely scattered quartz veinlets with minor pyrite. | M 170934 | 1 | <0.05 | <0.2 | <2 | 3 | 13 | 8 |
| 5 | 6 | 0 | Widely scattered quartz veinlets with minor pyrite. | M 170935 | 1 | <0.05 | <0.2 | <2 | 2 | 11 | 9 |
| 6 | 7 | 0 | Widely scattered quartz veinlets with minor pyrite. | M 170936 | 1 | <0.05 | <0.2 | 2 | 2 | 11 | 4 |
| 7 | 8 | 0 | Widely scattered quartz veinlets with minor pyrite. | M 170937 | 1 | <0.05 | <0.2 | <2 | 2 | 7 | 4 |
| 8 | 9 | 0 | Widely scattered quartz veinlets with minor pyrite. | M 170938 | 1 | <0.05 | 0.3 | 3 | <2 | 6 | 3 |
| 9 | 10 | 0 | Widely scattered quartz veinlets with minor pyrite. | M 170939 | 1 | <0.05 | <0.2 | <2 | <2 | 16 | 3 |
| 10 | 11 | 0 | Widely scattered quartz veinlets with minor pyrite. | M 170940 | 1 | <0.05 | <0.2 | <2 | <2 | 13 | 2 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-12

LENGTH: 121.3 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 11 | 12 | 0 | Widely scattered quartz veinlets with minor pyrite. | M 170941 | 1 | <0.05 | <0.2 | <2 | 2 | 10 | 3 |
| 12 | 13 | 0 | Widely scattered quartz veinlets with minor pyrite. | M 170942 | 1 | <0.05 | <0.2 | <2 | <2 | 13 | 3 |
| 13 | 14 | 0 | Widely scattered quartz veinlets with minor pyrite. | M 170943 | 1 | 0.18 | <0.2 | 2 | 7 | 6 | 5 |
| 14 | 15 | 0 | Widely scattered quartz veinlets with minor pyrite. | M 170944 | 1 | 0.17 | <0.2 | <2 | 12 | 8 | 3 |
| 15 | 16 | 0 | Widely scattered quartz veinlets with minor pyrite. | M 170945 | 1 | 0.19 | <0.2 | <2 | 4 | 10 | 3 |
| 16 | 17 | 0 | Widely scattered quartz veinlets with minor pyrite. | M 170946 | 1 | 0.25 | <0.2 | <2 | 12 | 5 | 6 |
| 17 | 18 | 0 | Widely scattered quartz veinlets with minor pyrite. | M 170947 | 1 | <0.05 | <0.2 | <2 | <2 | 9 | 2 |
| 18 | 19 | 0 | Widely scattered quartz veinlets with minor pyrite. | M 170948 | 1 | <0.05 | 0.2 | <2 | <2 | 5 | 2 |
| 19 | 20 | 0 | Widely scattered quartz veinlets with minor pyrite. | M 170949 | 1 | <0.05 | 0.2 | <2 | 2 | 10 | 3 |
| STND | | 0 | 62 P B | M 170950 | * | 9.84 | 24.3 | 16 | 36 | 111 | 175 |
| 25.5 | 26 | 0 | Zinger type mineralization intense light smoky gray silicification, sericite, quartz veinlets pyrite rare Pb. | M 171001 | 0.5 | 0.1 | <0.2 | 6 | 5 | 19 | 5 |
| 26 | 26.5 | 0 | Zinger type mineralization intense light smoky gray silicification, sericite, quartz veinlets pyrite rare Pb. | M 171002 | 0.5 | 0.71 | 0.2 | 13 | 13 | 9 | 10 |
| 26.5 | 27 | 0 | Zinger type mineralization intense light smoky gray silicification, sericite, quartz veinlets pyrite rare Pb. | M 171003 | 0.5 | 0.78 | 0.2 | 4 | 9 | 6 | 6 |
| 27 | 27.5 | 0 | Zinger type mineralization intense light smoky gray silicification, sericite, quartz veinlets pyrite rare Pb. | M 171004 | 0.5 | 0.19 | <0.2 | <2 | 25 | 7 | 4 |
| 27.5 | 28 | 0 | Zinger type mineralization intense light smoky gray silicification, sericite, quartz veinlets pyrite rare Pb. | M 171005 | 0.5 | 0.18 | <0.2 | <2 | 59 | 28 | 6 |
| 28 | 28.5 | 0 | Zinger type mineralization intense light smoky gray silicification, sericite, quartz veinlets pyrite rare Pb. | M 171006 | 0.5 | 0.47 | 0.5 | 3 | 515 | 144 | 32 |
| 28.5 | 29 | 0 | Zinger type mineralization intense light smoky gray silicification, sericite, quartz veinlets pyrite rare Pb. | M 171007 | 0.5 | 0.25 | <0.2 | 7 | 273 | 101 | 30 |
| 29 | 29.5 | 0 | Zinger type mineralization intense light smoky gray silicification, sericite, quartz veinlets pyrite rare Pb. | M 171008 | 0.5 | <0.05 | <0.2 | 7 | 25 | 17 | 15 |
| 29.5 | 30 | 0 | Zinger type mineralization intense light smoky gray silicification, sericite, quartz veinlets pyrite rare Pb. | M 171009 | 0.5 | <0.05 | <0.2 | 2 | 5 | 13 | 8 |
| 30 | 31 | 0 | Scattered quartz veinlets poorly mineralized. | M 171010 | 1 | <0.05 | <0.2 | <2 | 3 | 5 | 4 |
| 31 | 32 | 0 | Scattered quartz veinlets poorly mineralized. | M 171011 | 1 | <0.05 | <0.2 | <2 | 2 | 11 | 3 |
| 32 | 33 | 0 | Scattered quartz veinlets poorly mineralized. | M 171012 | 1 | <0.05 | <0.2 | 2 | 3 | 14 | 2 |
| 39.8 | 40 | 0 | Grab sample of quartz and specularite. | M 171013 | 0.2 | <0.05 | 0.2 | 2 | 3 | 11 | 11 |
| STND | | 0 | 7 P A | M 171014 | | 2.6 | 0.2 | 2300 | 28 | 15 | 34 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z-03-12
 LENGTH: 121.3 M.

| From | To | LITHOLOGY: Quartzite, minor interbedded argillite. |
|------|------|---|
| 42.5 | 65.0 | COLOR: Quartzite are light maroon with dark maroon mottling and banding argillite generally light apple green. |
| | | PRIMARY STRUCTURE: Thin to very thin bedded, bedding is sharp, generally wavy rarely flat, bedding is typically distorted by soft sediment deformation, quartzites are very fine grained, parallel laminated and crenulated laminated, argillite thin beds generally distorted, argillite also form thin wispy distorted layers within quartzite beds. Bedding to core axis at 51.0 = 30°, at 62.0 = 20°. |
| | | TECTONIC STRUCTURE: Quartz filled fractures are widely scattered throughout this interval. The dominate set of veinlets are subparallel to bedding cut core at 25° and 30°, rare vein set at parallel to core. |
| | | GENERAL ALTERATION: Generally regional with some late liesegang alteration. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Quartz veinlets rarely more than 1 cm thick are composed of white, drusy quartz generally mineralized by pyrite and limonite after pyrite and Fe Carbonate. Veinlets are very widely scattered. The mineralized "zone" is in generally weakly mineralized by pyrite and limonite. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|----|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 43 | 44 | 0 | Widely scattered thin quartz - siderite veinlets, generally weakly mineralized by pyrite and limonite. | M 171015 | 1 | 0.06 | <0.2 | 4 | 63 | 19 | 6 |
| 44 | 45 | 0 | Widely scattered thin quartz - siderite veinlets, generally weakly mineralized by pyrite and limonite. | M 171016 | 1 | <0.05 | <0.2 | <2 | 4 | 14 | 5 |
| 45 | 46 | 0 | Widely scattered thin quartz - siderite veinlets, generally weakly mineralized by pyrite and limonite. | M 171017 | 1 | <0.05 | <0.2 | 2 | <2 | 16 | 2 |
| 46 | 47 | 0 | Widely scattered thin quartz - siderite veinlets, generally weakly mineralized by pyrite and limonite. | M 171018 | 1 | 0.06 | <0.2 | <2 | 8 | 19 | 18 |
| 47 | 48 | 0 | Widely scattered thin quartz - siderite veinlets, generally weakly mineralized by pyrite and limonite. | M 171019 | 1 | 0.09 | <0.2 | <2 | 5 | 15 | 6 |
| 48 | 49 | 0 | Widely scattered thin quartz - siderite veinlets, generally weakly mineralized by pyrite and limonite. | M 171020 | 1 | <0.05 | 0.2 | <2 | 10 | 11 | 13 |
| 49 | 50 | 0 | Widely scattered thin quartz - siderite veinlets, generally weakly mineralized by pyrite and limonite. | M 171021 | 1 | <0.05 | 0.2 | <2 | 11 | 8 | 12 |
| 50 | 51 | 0 | Widely scattered thin quartz - siderite veinlets, generally weakly mineralized by pyrite and limonite. | M 171022 | 1 | <0.05 | <0.2 | <2 | 3 | 16 | 2 |
| 51 | 52 | 0 | Widely scattered thin quartz - siderite veinlets, generally weakly mineralized by pyrite and limonite. | M 171023 | 1 | <0.05 | <0.2 | <2 | 2 | 9 | 2 |
| 52 | 53 | 0 | Widely scattered thin quartz - siderite veinlets, generally weakly mineralized by pyrite and limonite. | M 171024 | 1 | <0.05 | <0.2 | <2 | 2 | 9 | 2 |
| 53 | 54 | 0 | Widely scattered thin quartz - siderite veinlets, generally weakly mineralized by pyrite and limonite. | M 171025 | 1 | <0.05 | <0.2 | <2 | 3 | 10 | 2 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-12

LENGTH: 121.3 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|----|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 54 | 55 | 0 | Widely scattered thin quartz - siderite veinlets, generally weakly mineralized by pyrite and limonite. | M 171026 | 1 | <0.05 | <0.2 | <2 | 2 | 19 | 1 |
| 55 | 56 | 0 | Widely scattered thin quartz - siderite veinlets, generally weakly mineralized by pyrite and limonite. | M 171027 | 1 | <0.05 | <0.2 | <2 | <2 | 11 | 2 |
| 56 | 57 | 0 | Widely scattered thin quartz - siderite veinlets, generally weakly mineralized by pyrite and limonite. | M 171028 | 1 | <0.05 | <0.2 | <2 | 3 | 23 | 7 |
| 57 | 58 | 0 | Widely scattered thin quartz - siderite veinlets, generally weakly mineralized by pyrite and limonite. | M 171029 | 1 | <0.05 | <0.2 | <2 | 10 | 14 | 10 |
| 58 | 59 | 0 | Widely scattered thin quartz - siderite veinlets, generally weakly mineralized by pyrite and limonite. | M 171030 | 1 | <0.05 | 0.3 | <2 | 82 | 14 | 26 |
| 59 | 60 | 0 | Widely scattered thin quartz - siderite veinlets, generally weakly mineralized by pyrite and limonite. | M 171031 | 1 | 0.12 | 0.3 | <2 | 83 | 15 | 73 |
| 60 | 61 | 0 | Widely scattered thin quartz - siderite veinlets, generally weakly mineralized by pyrite and limonite. | M 171032 | 1 | 0.05 | 0.3 | <2 | 51 | 15 | 41 |
| 61 | 62 | 0 | | M 171033 | 1 | 0.12 | 0.2 | <2 | 55 | 16 | 14 |
| 62 | 63 | 0 | | M 171034 | 1 | 0.05 | <0.2 | <2 | 5 | 16 | 6 |
| 63 | 64 | 0 | | M 171035 | 1 | <0.05 | <0.2 | 2 | 4 | 6 | 5 |
| 64 | 65 | 0 | | M 171036 | 1 | <0.05 | <0.2 | <2 | 4 | 10 | 3 |
| 61 | 62 | 0 | | M 171033 | 1 | 0.12 | 0.2 | <2 | 55 | 16 | 14 |
| 62 | 63 | 0 | | M 171034 | 1 | 0.05 | <0.2 | <2 | 5 | 16 | 6 |
| 63 | 64 | 0 | | M 171035 | 1 | <0.05 | <0.2 | 2 | 4 | 6 | 5 |
| 64 | 65 | 0 | | M 171036 | 1 | <0.05 | <0.2 | <2 | 4 | 10 | 3 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z-03-12
LENGTH: 121.3 M.

| From | To | LITHOLOGY: Siltstone interbedded argillite (30% argillite). |
|------|------|--|
| 65.0 | 73.0 | COLOR: Grey siltstone and light gray to light green argillite. |
| | | PRIMARY STRUCTURE: Thin to very thin bedded, bedding is distinct and wavy, in general beds are irregularly laminated. |
| | | TECTONIC STRUCTURE: Crackle breccia from 65.0 to 67.0. Fractures cut core as previous described. |
| | | GENERAL ALTERATION: Regional, some late oxidization of sulphides and Fe Carbonate. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Best mineralization is from 65.0 – 67.0. Crackle breccia healed by thin veinlets of white drusy quartz mineralized by pyrite, limonite after pyrite, and limonite after siderite. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|---|---|------------|-------|--------|--------|--------|--------|--------|--------|
| STND | | 0 | 50 P | M | 171037 | * | 0.68 | 2.5 | 2 | 3 | 48 | 7080 |
| 65 | 65.5 | 0 | Good crackle breccia, healed by drusy quartz limonite and pyrite. | M | 171038 | 0.5 | <0.05 | <0.2 | <2 | 3 | 10 | 5 |
| 65.5 | 66 | 0 | Good crackle breccia, healed by drusy quartz limonite and pyrite. | M | 171039 | 0.5 | <0.05 | <0.2 | <2 | 3 | 13 | 4 |
| 66 | 66.5 | 0 | Good crackle breccia, healed by drusy quartz limonite and pyrite. | M | 171040 | 0.5 | <0.05 | <0.2 | <2 | 3 | 6 | 3 |
| 66.5 | 67 | 0 | Good crackle breccia, healed by drusy quartz limonite and pyrite. | M | 171041 | 0.5 | <0.05 | <0.2 | <2 | 4 | 9 | 4 |
| 67 | 67.5 | 0 | Weakly crackle brecciated, mineralized by limonite and pyrite. | M | 171042 | 0.5 | <0.05 | <0.2 | <2 | 5 | 15 | 4 |
| 67.5 | 68 | 0 | Weakly crackle brecciated, mineralized by limonite and pyrite. | M | 171043 | 0.5 | <0.05 | <0.2 | <2 | 7 | 10 | 5 |
| 68 | 69 | 0 | Weakly crackle brecciated, mineralized by limonite and pyrite. | M | 171044 | 1 | <0.05 | <0.2 | <2 | 5 | 7 | 5 |
| 69 | 70 | 0 | Weakly crackle brecciated, mineralized by limonite and pyrite. | M | 171045 | 1 | <0.05 | <0.2 | <2 | 8 | 11 | 4 |
| 70 | 71 | 0 | Weakly crackle brecciated, mineralized by limonite and pyrite. | M | 171046 | 1 | <0.05 | <0.2 | <2 | 5 | 7 | 7 |
| 71 | 72 | 0 | Weakly crackle brecciated, mineralized by limonite and pyrite. | M | 171047 | 1 | <0.05 | <0.2 | <2 | 6 | 9 | 5 |
| 72 | 73 | 0 | Weakly crackle brecciated, mineralized by limonite and pyrite. | M | 171048 | 1 | <0.05 | <0.2 | <2 | 7 | 7 | 3 |

| From | To | LITHOLOGY: Quartzite interbedded argillite. |
|------|------|---|
| 73.0 | 91.0 | COLOR: Quartzites are light gray to light apple green, locally gray. Argillite is all apple green. |
| | | PRIMARY STRUCTURE: Medium to thin bedded, bedding is sharp and generally distorted by soft sediment deformation, and subareal exposure. Some bed contacts are erosional, some mud chip layers, and mud cracks. Quartzite are very fine grained, bedding to core at 79.0 = 21° and at 91.0 = 27° to core axis. |
| | | TECTONIC STRUCTURE: 73.0 – 91.0 weakly fractured and healed by quartz – Fe Carbonate veinlets, dominate fracture set at 54°, and lesser fractures at 47° and 27° to core axis. |
| | | GENERAL ALTERATION: Quartzites are intensely silicified with abundant yellow sericite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Best mineralized zone is from 83.5 to 88.0 meters. Pyrite is very weakly disseminated throughout. Quartzite and in quartz – siderite veinlets rare galena and rare talc also occur in thin white drusy quartz veinlets. Quartz veinlets are less than 1 cm thick and widely scattered. |
| | | ADDITIONAL OBSERVATIONS: |

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DRILL HOLE RECORD

HOLE #: Z-03-12
LENGTH: 121.3 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 73 | 74 | 0 | Weakly crackle brecciated, mineralized by limonite and pyrite. | M 171049 | 1 | <0.05 | <0.2 | <2 | 7 | 24 | 2 |
| 74 | 75 | 0 | Weakly crackle brecciated, mineralized by limonite and pyrite. | M 171050 | 1 | <0.05 | <0.2 | <2 | 5 | 16 | 3 |
| 75 | 76 | 0 | Weakly fractured, weakly mineralized by pyrite and limonite. | M 171051 | 1 | <0.05 | <0.2 | <2 | 4 | 16 | 3 |
| 76 | 77 | 0 | Weakly fractured, weakly mineralized by pyrite and limonite. | M 171052 | 1 | <0.05 | <0.2 | <2 | 3 | 18 | 3 |
| 77 | 78 | 0 | Weakly fractured, weakly mineralized by pyrite and limonite. | M 171053 | 1 | <0.05 | <0.2 | 2 | 2 | 19 | 2 |
| 78 | 79 | 0 | Weakly fractured, weakly mineralized by pyrite and limonite. | M 171054 | 1 | <0.05 | <0.2 | <2 | 2 | 20 | 2 |
| 79 | 80 | 0 | Weakly fractured, weakly mineralized by pyrite and limonite. | M 171055 | 1 | <0.05 | <0.2 | <2 | 3 | 14 | 3 |
| 80 | 81 | 0 | Weakly fractured, weakly mineralized by pyrite and limonite. | M 171056 | 1 | <0.05 | <0.2 | <2 | 3 | 15 | 8 |
| STND | | 0 | 7 PA | M 171057 | | 2.37 | <0.2 | 2300 | 31 | 14 | 35 |
| 81 | 82 | 0 | Weakly fractured, weakly mineralized by pyrite and limonite. | M 171058 | 1 | <0.05 | <0.2 | <2 | 4 | 20 | 2 |
| 82 | 83 | 0 | Weakly fractured, weakly mineralized by pyrite and limonite. | M 171059 | 1 | <0.05 | <0.2 | <2 | 4 | 16 | 3 |
| 83 | 83.5 | 0 | Intensely silicified quartzite, crackle brecciated, fine disseminated pyrite and siderite in veins and quartzites. | M 171060 | 1 | <0.05 | <0.2 | <2 | 7 | 21 | 2 |
| 83.5 | 84 | 0 | Intensely silicified quartzite, crackle brecciated, fine disseminated pyrite and siderite in veins and quartzites. | M 171061 | 0.5 | <0.05 | <0.2 | 3 | 14 | 7 | 4 |
| 84 | 84.5 | 0 | Intensely silicified quartzite, crackle brecciated, fine disseminated pyrite and siderite in veins and quartzites. | M 171062 | 0.5 | <0.05 | <0.2 | 2 | 5 | 16 | 8 |
| 84.5 | 85 | 0 | Intensely silicified quartzite, crackle brecciated, fine disseminated pyrite and siderite in veins and quartzites. | M 171063 | 0.5 | <0.05 | <0.2 | 3 | 5 | 15 | 8 |
| 85 | 85.5 | 0 | Intensely silicified quartzite, crackle brecciated, fine disseminated pyrite and siderite in veins and quartzites. | M 171064 | 0.5 | <0.05 | <0.2 | <2 | 3 | 8 | 14 |
| 85.5 | 86 | 0 | Intensely silicified quartzite, crackle brecciated, fine disseminated pyrite and siderite in veins and quartzites. | M 171065 | 0.5 | <0.05 | <0.2 | <2 | 7 | 31 | 14 |
| 86 | 86.5 | 0 | | M 171066 | 0.5 | <0.05 | <0.2 | <2 | 4 | 15 | 13 |
| 86.5 | 87 | 0 | | M 171067 | 0.5 | <0.05 | <0.2 | 2 | 6 | 10 | 4 |
| 87 | 87.5 | 0 | | M 171068 | 1 | <0.05 | <0.2 | <2 | 7 | 14 | 4 |
| 87.5 | 88.5 | 0 | | M 171069 | 1 | <0.05 | <0.2 | <2 | 19 | 5 | 5 |
| 88.5 | 89.5 | 0 | | M 171070 | 1 | <0.05 | <0.2 | <2 | 4 | 7 | 6 |
| 89.5 | 90.5 | 0 | | M 171071 | 1 | <0.05 | <0.2 | 4 | 9 | 29 | 3 |
| 90.5 | 91.5 | 0 | | M 171072 | 1 | <0.05 | <0.2 | 2 | <2 | 30 | 2 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z-03-12
LENGTH: 121.3 M.

| From | To | LITHOLOGY: Argillite interbedded quartzite approximately 50% quartzite. |
|------|------|--|
| 91.0 | 96.0 | COLOR: Argillite is generally green with light gray quartzite. |
| | | PRIMARY STRUCTURE: Very thin bedded, sharp – bedding, generally distorted due to soft sediment deformation, argillite is very finely current laminated, some bed contacts are erosional. Most of the quartzite is very fine grained, with rare scattered coarse quartz grains. Some thin beds can be coarse grained quartzite and some argillite beds are weakly arenaceous. |
| | | TECTONIC STRUCTURE: Some thin quartz filled fractures parallel to bedding. |
| | | GENERAL ALTERATION: Regional with some late finely disseminated siderite |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Finely disseminated euhedral pyrite from 91.0 – 96.0 less than 1% pyrite. Pyrite mineralization appears to be associated with weakly disseminated siderite? Pyrite occurs in quartzite, argillites and in (quartz) veinlets. Pyrite crystals in argillite beds are typically rimmed by clear quartz. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|----------|------------|-------|--------|--------|--------|--------|--------|--------|
| 91.5 | 92.5 | 0 | | M 171073 | 1 | <0.05 | <0.2 | <2 | 7 | 39 | 2 |
| 92.5 | 93.5 | 0 | | M 171074 | 1 | <0.05 | <0.2 | 17 | 4 | 23 | 3 |
| 93.5 | 94.5 | 0 | | M 171075 | 1 | <0.05 | <0.2 | 7 | 7 | 20 | 4 |
| 94.5 | 95.5 | 0 | | M 171076 | 1 | <0.05 | <0.2 | 8 | 4 | 16 | 3 |
| 95.5 | 96.5 | 0 | | M 171077 | 1 | <0.05 | <0.2 | 3 | 14 | 18 | 2 |
| 96.5 | 97 | 0 | | M 171078 | 0.5 | <0.05 | <0.2 | 3 | 5 | 27 | 1 |

| From | To | LITHOLOGY: Quartzite interbedded argillite (unit 10% argillite). |
|--------------|-------|---|
| 96.0 | 121.3 | COLOR: Quartzites are light purplish gray. Argillites are light green to olive gray. |
| End of Hole. | | PRIMARY STRUCTURE: Mainly thin to very thin bedded, Bedding is distinct and wavy. Sediments are generally finely current laminated. Bedding to core at 118.0 = 27°. |
| | | TECTONIC STRUCTURE: |
| | | GENERAL ALTERATION: Regional silicification and sericitization. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Widely scattered white quartz-specularite veins cut core at 27°. Very are quartz – siderite vein at 5° to core axis. |
| | | ADDITIONAL OBSERVATIONS: |



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Page # : 1
Date : 30-Sep-2003
Account: NJY

CERTIFICATE VA03036435

Project : Z-03-12

P.O. No:

This report is for 96 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 17-Sep-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-21 | Crush entire sample 70% < 6 mm |
| PUL-21 | Pulverize entire sample |
| LOG-24 | Pulp Login - Rcd w/o Barcode |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
104-135 10TH AVE S
CRANBROOK BC V1C 2N1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Page #: 2 - A
Total # of pages : 4 (A - C)
Date : 30-Sep-2003
Account: NJY

Project : Z-03-12

CERTIFICATE OF ANALYSIS VA03036435

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M170933 | | 2.06 | 0.12 | 6.24 | 0.10 | 0.047 | 7.53 | 2005 | 0.08 | 0.11 | 0.2 | 0.38 | <2 | <10 | 100 | <0.5 |
| M170934 | | 2.28 | <0.05 | <0.05 | <0.05 | <0.001 | 10.52 | 2222 | <0.01 | <0.01 | <0.2 | 0.34 | <2 | <10 | 330 | <0.5 |
| M170935 | | 2.18 | <0.05 | <0.05 | <0.05 | <0.001 | 6.79 | 2121 | <0.01 | <0.01 | <0.2 | 0.32 | <2 | <10 | 180 | <0.5 |
| M170936 | | 2.46 | <0.05 | <0.05 | <0.05 | <0.001 | 11.29 | 2384 | 0.02 | <0.01 | <0.2 | 0.35 | 2 | <10 | 200 | <0.5 |
| M170937 | | 2.64 | <0.05 | <0.05 | <0.05 | <0.001 | 12.60 | 2568 | <0.01 | <0.01 | <0.2 | 0.31 | <2 | <10 | 200 | <0.5 |
| M170938 | | 2.42 | <0.05 | <0.05 | <0.05 | <0.001 | 16.18 | 2353 | 0.01 | <0.01 | 0.3 | 0.38 | 3 | <10 | 140 | <0.5 |
| M170939 | | 2.42 | <0.05 | <0.05 | <0.05 | <0.001 | 13.57 | 2339 | <0.01 | <0.01 | <0.2 | 0.41 | <2 | <10 | 170 | <0.5 |
| M170940 | | 2.12 | <0.05 | <0.05 | <0.05 | <0.001 | 12.96 | 4049 | <0.01 | <0.01 | <0.2 | 0.42 | <2 | <10 | 90 | <0.5 |
| M170941 | | 2.22 | <0.05 | <0.05 | <0.05 | <0.001 | 8.47 | 2174 | 0.01 | <0.01 | <0.2 | 0.41 | <2 | <10 | 420 | <0.5 |
| M170942 | | 2.44 | <0.05 | <0.05 | <0.05 | <0.001 | 11.12 | 2353 | 0.03 | 0.01 | <0.2 | 0.38 | <2 | <10 | 90 | <0.5 |
| M170943 | | 2.52 | 0.18 | 0.18 | 0.19 | 0.002 | 11.19 | 2436 | 0.20 | 0.17 | <0.2 | 0.30 | 2 | <10 | 100 | <0.5 |
| M170944 | | 2.42 | 0.17 | <0.05 | 0.17 | <0.001 | 10.65 | 2346 | 0.25 | 0.09 | <0.2 | 0.30 | <2 | <10 | 120 | <0.5 |
| M170945 | | 1.96 | 0.19 | 5.12 | 0.16 | 0.053 | 10.36 | 1912.0 | 0.11 | 0.21 | <0.2 | 0.38 | <2 | <10 | 150 | <0.5 |
| M170946 | | 2.42 | 0.25 | 0.85 | 0.25 | 0.009 | 10.55 | 2346 | 0.22 | 0.28 | <0.2 | 0.23 | <2 | <10 | 220 | <0.5 |
| M170947 | | 2.62 | <0.05 | <0.05 | <0.05 | <0.001 | 11.62 | 2561 | 0.01 | <0.01 | <0.2 | 0.28 | <2 | <10 | 170 | <0.5 |
| M170948 | | 2.46 | <0.05 | <0.05 | <0.05 | <0.001 | 11.18 | 2395 | 0.01 | <0.01 | 0.2 | 0.20 | <2 | <10 | 620 | <0.5 |
| M170949 | | 2.26 | <0.05 | <0.05 | 0.05 | <0.001 | 13.57 | 2241 | 0.04 | 0.05 | 0.2 | 0.38 | <2 | <10 | 410 | <0.5 |
| M170950 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 0.04 | 0.05 | 24.3 | 1.72 | 16 | <10 | 90 | <0.5 |
| M171001 | | 1.06 | 0.10 | 0.06 | 0.11 | 0.001 | 17.69 | 1022.5 | 0.10 | 0.11 | <0.2 | 0.43 | 6 | <10 | 110 | 0.6 |
| M171002 | | 1.92 | 0.71 | 14.50 | 0.64 | 0.139 | 9.60 | 1863.0 | 0.74 | 0.54 | 0.2 | 0.38 | 13 | <10 | 260 | <0.5 |
| M171003 | | 1.04 | 0.78 | 2.12 | 0.78 | 0.011 | 5.20 | 1002.5 | 0.88 | 0.67 | 0.2 | 0.36 | 4 | <10 | 80 | <0.5 |
| M171004 | | 1.36 | 0.19 | <0.05 | 0.20 | <0.001 | 9.63 | 1314.5 | 0.19 | 0.20 | <0.2 | 0.26 | <2 | <10 | 240 | <0.5 |
| M171005 | | 1.12 | 0.18 | 0.56 | 0.18 | 0.003 | 5.40 | 1079.5 | 0.18 | 0.18 | <0.2 | 0.24 | <2 | <10 | 150 | <0.5 |
| M171006 | | 1.62 | 0.47 | 0.58 | 0.47 | 0.022 | 37.91 | 1506.0 | 0.56 | 0.38 | 0.5 | 0.25 | 3 | <10 | 140 | <0.5 |
| M171007 | | 1.10 | 0.25 | 0.15 | 0.26 | 0.002 | 13.54 | 1063.0 | 0.26 | 0.25 | <0.2 | 0.21 | 7 | <10 | 240 | <0.5 |
| M171008 | | 1.22 | <0.05 | 0.07 | <0.05 | 0.002 | 27.28 | 1165.0 | 0.03 | 0.03 | <0.2 | 0.16 | 7 | <10 | 180 | <0.5 |
| M171009 | | 1.50 | <0.05 | <0.05 | <0.05 | <0.001 | 26.38 | 1434.0 | 0.01 | <0.01 | <0.2 | 0.26 | 2 | <10 | 270 | <0.5 |
| M171010 | | 1.94 | <0.05 | <0.05 | <0.05 | <0.001 | 31.17 | 1862.5 | <0.01 | <0.01 | <0.2 | 0.12 | <2 | <10 | 110 | <0.5 |
| M171011 | | 2.44 | <0.05 | <0.05 | <0.05 | <0.001 | 26.11 | 2251 | <0.01 | <0.01 | <0.2 | 0.29 | <2 | <10 | 100 | <0.5 |
| M171012 | | 2.78 | <0.05 | <0.05 | <0.05 | <0.001 | 27.34 | 2675 | <0.01 | <0.01 | <0.2 | 0.26 | 2 | <10 | 100 | <0.5 |
| M171013 | | 0.46 | <0.05 | <0.05 | <0.05 | <0.001 | 28.11 | 447.2 | 0.04 | 0.02 | 0.2 | 0.18 | 2 | <10 | 860 | <0.5 |
| M171014 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 2.60 | 2.50 | 0.2 | 0.72 | 2300 | <10 | 140 | 1.0 |
| M171015 | | 3.34 | 0.06 | 1.32 | 0.06 | 0.015 | 11.35 | 3230 | 0.09 | 0.03 | <0.2 | 0.24 | 4 | <10 | 190 | <0.5 |
| M171016 | | 2.24 | <0.05 | <0.05 | <0.05 | <0.001 | 5.84 | 2179 | 0.02 | <0.01 | <0.2 | 0.26 | <2 | <10 | 190 | <0.5 |
| M171017 | | 2.44 | <0.05 | <0.05 | <0.05 | <0.001 | 13.50 | 2380 | <0.01 | <0.01 | <0.2 | 0.29 | 2 | <10 | 90 | <0.5 |
| M171018 | | 2.52 | 0.06 | 0.26 | 0.06 | 0.004 | 15.14 | 2415 | 0.07 | 0.05 | <0.2 | 0.35 | <2 | <10 | 370 | <0.5 |
| M171019 | | 2.38 | 0.09 | 0.53 | 0.09 | 0.012 | 22.63 | 2298 | 0.09 | 0.09 | <0.2 | 0.37 | <2 | <10 | 180 | <0.5 |
| M171020 | | 2.82 | <0.05 | <0.05 | <0.05 | <0.001 | 9.67 | 2226 | 0.01 | 0.02 | 0.2 | 0.34 | <2 | <10 | 240 | <0.5 |
| M171021 | | 2.28 | <0.05 | <0.05 | <0.05 | <0.001 | 9.90 | 2231 | 0.01 | 0.02 | 0.2 | 0.28 | <2 | <10 | 170 | <0.5 |
| M171022 | | 2.62 | <0.05 | <0.05 | <0.05 | <0.001 | 11.46 | 2555 | 0.01 | <0.01 | <0.2 | 0.37 | <2 | <10 | 190 | <0.5 |

Comments: NSS is non-sufficient sample.



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Page #: 3 - A
Total # of pages : 4 (A - C)
Date : 30-Sep-2003
Account: NJY

Project : Z-03-12

CERTIFICATE OF ANALYSIS VA03036435

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M171023 | | 2.26 | <0.05 | <0.05 | <0.05 | <0.001 | 13.88 | 2203 | <0.01 | 0.01 | <0.2 | 0.33 | <2 | <10 | 160 | <0.5 |
| M171024 | | 1.86 | <0.05 | <0.05 | <0.05 | <0.001 | 9.42 | 1802.0 | <0.01 | 0.01 | <0.2 | 0.37 | <2 | <10 | 90 | <0.5 |
| M171025 | | 2.42 | <0.05 | <0.05 | <0.05 | <0.001 | 13.97 | 2340 | <0.01 | 0.01 | <0.2 | 0.34 | <2 | <10 | 100 | <0.5 |
| M171026 | | 2.46 | <0.05 | <0.05 | <0.05 | <0.001 | 17.58 | 2383 | <0.01 | <0.01 | <0.2 | 0.39 | <2 | <10 | 110 | <0.5 |
| M171027 | | 2.16 | <0.05 | <0.05 | <0.05 | <0.001 | 9.49 | 2112 | <0.01 | <0.01 | <0.2 | 0.36 | <2 | <10 | 90 | <0.5 |
| M171028 | | 2.80 | <0.05 | <0.05 | <0.05 | <0.001 | 16.53 | 2717 | 0.01 | 0.01 | <0.2 | 0.32 | <2 | <10 | 80 | <0.5 |
| M171029 | | 2.70 | <0.05 | 0.97 | <0.05 | 0.013 | 13.34 | 2628 | <0.01 | 0.01 | <0.2 | 0.28 | <2 | <10 | 290 | <0.5 |
| M171030 | | 2.42 | <0.05 | <0.05 | <0.05 | <0.001 | 17.64 | 2337 | 0.03 | 0.05 | <0.3 | 0.33 | <2 | <10 | 240 | <0.5 |
| M171031 | | 1.58 | 0.12 | <0.05 | 0.13 | <0.001 | 11.68 | 1519.5 | 0.12 | 0.13 | 0.3 | 0.35 | <2 | <10 | 260 | <0.5 |
| M171032 | | 2.58 | 0.05 | <0.05 | 0.06 | <0.001 | 15.95 | 2519 | 0.06 | 0.05 | 0.3 | 0.28 | <2 | <10 | 340 | <0.5 |
| M171033 | | 1.98 | 0.12 | 1.74 | 0.11 | 0.022 | 12.65 | 1890.0 | 0.12 | 0.09 | 0.2 | 0.40 | <2 | <10 | 180 | <0.5 |
| M171034 | | 3.62 | 0.05 | <0.05 | 0.05 | <0.001 | 9.59 | 3491 | 0.03 | 0.07 | <0.2 | 0.43 | <2 | <10 | 630 | <0.5 |
| M171035 | | 1.98 | <0.05 | <0.05 | <0.05 | <0.001 | 5.86 | 1933.0 | <0.01 | 0.01 | <0.2 | 0.25 | 2 | <10 | 240 | <0.5 |
| M171036 | | 2.60 | <0.05 | <0.05 | <0.05 | <0.001 | 6.11 | 2545 | <0.01 | <0.01 | <0.2 | 0.39 | <2 | <10 | 220 | <0.5 |
| M171037 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 0.68 | 0.72 | 2.5 | 2.01 | 2 | 10 | 40 | <0.5 |
| M171038 | | 1.16 | <0.05 | <0.05 | <0.05 | <0.001 | 3.66 | 1135.5 | <0.01 | <0.01 | <0.2 | 0.35 | <2 | <10 | 90 | <0.5 |
| M171039 | | 1.40 | <0.05 | <0.05 | <0.05 | <0.001 | 6.75 | 1354.5 | <0.01 | 0.03 | <0.2 | 0.43 | <2 | <10 | 100 | <0.5 |
| M171040 | | 1.26 | <0.05 | <0.05 | <0.05 | <0.001 | 2.56 | 1234.0 | <0.01 | 0.01 | <0.2 | 0.23 | <2 | <10 | 70 | <0.5 |
| M171041 | | 1.26 | <0.05 | <0.05 | <0.05 | <0.001 | 5.93 | 1212.5 | <0.01 | 0.01 | <0.2 | 0.27 | <2 | <10 | 100 | <0.5 |
| M171042 | | 1.22 | <0.05 | <0.05 | <0.05 | <0.001 | 4.35 | 1162.5 | <0.01 | <0.01 | <0.2 | 0.49 | <2 | <10 | 210 | <0.5 |
| M171043 | | 1.88 | <0.05 | <0.05 | <0.05 | <0.001 | 6.13 | 1362.5 | <0.01 | <0.01 | <0.2 | 0.53 | <2 | <10 | 290 | <0.5 |
| M171044 | | 2.70 | <0.05 | <0.05 | <0.05 | <0.001 | 6.19 | 2615 | <0.01 | <0.01 | <0.2 | 0.36 | <2 | <10 | 220 | <0.5 |
| M171045 | | 2.28 | <0.05 | <0.05 | <0.05 | <0.001 | 8.85 | 2186 | <0.01 | <0.01 | <0.2 | 0.50 | <2 | <10 | 120 | <0.5 |
| M171046 | | 3.52 | <0.05 | <0.05 | <0.05 | <0.001 | 2.63 | 3182 | 0.01 | 0.01 | <0.2 | 0.41 | <2 | <10 | 90 | <0.5 |
| M171047 | | 2.66 | <0.05 | <0.05 | <0.05 | <0.001 | 5.32 | 2591 | <0.01 | <0.01 | <0.2 | 0.45 | <2 | <10 | 80 | <0.5 |
| M171048 | | 2.72 | <0.05 | <0.05 | <0.05 | <0.001 | 26.46 | 2634 | <0.01 | 0.02 | <0.2 | 0.31 | <2 | <10 | 70 | <0.5 |
| M171049 | | 1.98 | <0.05 | <0.05 | <0.05 | <0.001 | 9.64 | 1881.0 | <0.01 | <0.01 | <0.2 | 0.70 | <2 | <10 | 160 | 0.5 |
| M171050 | | 2.38 | <0.05 | <0.05 | <0.05 | <0.001 | 10.46 | 2309 | <0.01 | <0.01 | <0.2 | 0.49 | <2 | <10 | 120 | <0.5 |
| M171051 | | 2.62 | <0.05 | <0.05 | <0.05 | <0.001 | 15.46 | 2542 | <0.01 | <0.01 | <0.2 | 0.37 | <2 | <10 | 170 | <0.5 |
| M171052 | | 2.58 | <0.05 | <0.05 | <0.05 | <0.001 | 12.72 | 2519 | <0.01 | <0.01 | <0.2 | 0.33 | <2 | <10 | 180 | <0.5 |
| M171053 | | 2.24 | <0.05 | <0.05 | <0.05 | <0.001 | 6.96 | 2157 | <0.01 | <0.01 | <0.2 | 0.38 | 2 | <10 | 220 | <0.5 |
| M171054 | | 2.40 | <0.05 | <0.05 | <0.05 | <0.001 | 7.64 | 2354 | <0.01 | <0.01 | <0.2 | 0.33 | <2 | <10 | 270 | <0.5 |
| M171055 | | 1.94 | <0.05 | <0.05 | <0.05 | <0.001 | 10.51 | 1885.0 | <0.01 | <0.01 | <0.2 | 0.34 | <2 | <10 | 130 | <0.5 |
| M171056 | | 2.50 | <0.05 | <0.05 | <0.05 | <0.001 | 11.19 | 2352 | <0.01 | <0.01 | <0.2 | 0.29 | <2 | <10 | 290 | <0.5 |
| M171057 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 2.37 | 2.88 | <0.2 | 0.76 | 2300 | 10 | 150 | 1.1 |
| M171058 | | 2.30 | <0.05 | <0.05 | <0.05 | <0.001 | 13.00 | 2243 | <0.01 | 0.01 | <0.2 | 0.34 | <2 | <10 | 250 | <0.5 |
| M171059 | | 2.74 | <0.05 | <0.05 | <0.05 | <0.001 | 14.15 | 2661 | <0.01 | <0.01 | <0.2 | 0.29 | <2 | <10 | 550 | <0.5 |
| M171060 | | 1.32 | <0.05 | <0.05 | <0.05 | <0.001 | 15.72 | 1280.5 | 0.01 | <0.01 | <0.2 | 0.34 | <2 | <10 | 110 | <0.5 |
| M171061 | | 1.26 | <0.05 | <0.05 | <0.05 | <0.001 | 6.75 | 1281.5 | <0.01 | <0.01 | <0.2 | 0.10 | 3 | <10 | 100 | <0.5 |
| M171062 | | 0.90 | <0.05 | <0.05 | <0.05 | <0.001 | 5.78 | 874.6 | 0.01 | <0.01 | <0.2 | 0.30 | 2 | <10 | 190 | <0.5 |

Comments: NSS is non-sufficient sample.



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Page #: 4 - A
Total # of pages : 4 (A - C)
Date : 30-Sep-2003
Account: NJY

Project : Z-03-12

CERTIFICATE OF ANALYSIS VA03036435

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 S ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M171063 | | 1.16 | <0.05 | <0.05 | <0.05 | <0.001 | 5.93 | 1115.0 | 0.01 | <0.01 | <0.2 | 0.23 | 3 | <10 | 50 | <0.5 |
| M171064 | | 1.06 | <0.05 | <0.05 | <0.05 | <0.001 | 4.59 | 1026.5 | <0.01 | <0.01 | <0.2 | 0.16 | <2 | <10 | 160 | <0.5 |
| M171065 | | 1.32 | <0.05 | <0.05 | <0.05 | <0.001 | 5.22 | 1271.0 | <0.01 | <0.01 | <0.2 | 0.30 | <2 | <10 | 160 | <0.5 |
| M171066 | | 1.30 | <0.05 | <0.05 | <0.05 | <0.001 | 4.11 | 1258.5 | <0.01 | <0.01 | <0.2 | 0.18 | <2 | <10 | 20 | <0.5 |
| M171067 | | 1.26 | <0.05 | <0.05 | <0.05 | <0.001 | 5.97 | 1226.5 | 0.01 | <0.01 | <0.2 | 0.11 | 2 | <10 | 20 | <0.5 |
| M171068 | | 1.08 | <0.05 | <0.05 | <0.05 | <0.001 | 4.53 | 1040.0 | <0.01 | <0.01 | <0.2 | 0.22 | <2 | <10 | 50 | <0.5 |
| M171069 | | 2.48 | <0.05 | <0.05 | <0.05 | <0.001 | 7.10 | 2399 | <0.01 | 0.01 | <0.2 | 0.11 | <2 | <10 | 20 | <0.5 |
| M171070 | | 2.60 | <0.05 | <0.05 | <0.05 | <0.001 | 7.29 | 2535 | <0.01 | <0.01 | <0.2 | 0.12 | <2 | <10 | 20 | <0.5 |
| M171071 | | 2.60 | <0.05 | <0.05 | <0.05 | <0.001 | 14.61 | 2480 | 0.01 | 0.01 | <0.2 | 0.32 | 4 | <10 | 430 | 0.5 |
| M171072 | | 2.88 | <0.05 | <0.05 | <0.05 | <0.001 | 28.30 | 2768 | <0.01 | <0.01 | <0.2 | 0.37 | 2 | <10 | 260 | 0.6 |
| M171073 | | 2.26 | <0.05 | <0.05 | <0.05 | <0.001 | 21.90 | 2175 | <0.01 | <0.01 | <0.2 | 0.35 | <2 | <10 | 1020 | 0.5 |
| M171074 | | 2.38 | <0.05 | <0.05 | <0.05 | <0.001 | 15.32 | 2319 | <0.01 | 0.01 | <0.2 | 0.32 | 17 | <10 | 190 | 0.5 |
| M171075 | | 2.54 | <0.05 | <0.05 | <0.05 | <0.001 | 22.33 | 2438 | <0.01 | <0.01 | <0.2 | 0.32 | 7 | <10 | 120 | 0.5 |
| M171076 | | 2.42 | <0.05 | <0.05 | <0.05 | <0.001 | 22.02 | 2337 | 0.01 | <0.01 | <0.2 | 0.33 | 8 | <10 | 120 | <0.5 |
| M171077 | | 2.82 | <0.05 | <0.05 | <0.05 | <0.001 | 35.86 | 2685 | 0.05 | <0.01 | <0.2 | 0.26 | 3 | <10 | 410 | <0.5 |
| M171078 | | 0.78 | <0.05 | <0.05 | <0.05 | <0.001 | 3.11 | 746.8 | 0.02 | <0.01 | <0.2 | 0.33 | 3 | <10 | 200 | <0.5 |

Comments: NSS is non-sufficient sample.



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Page #: 2 - B
Total # of pages : 4 (A - C)
Date : 30-Sep-2003
Account: NJY

Project : Z-03-12

CERTIFICATE OF ANALYSIS VA03036435

| Sample Description | Method Analyte Units LOR | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 |
|--------------------|-----------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M170933 | | <2 | 0.09 | <0.5 | 3 | 97 | 59 | 0.78 | <10 | <1 | 0.25 | 20 | 0.09 | 150 | 1 | 0.03 |
| M170934 | | <2 | 0.08 | <0.5 | 4 | 87 | 8 | 0.85 | <10 | <1 | 0.21 | 30 | 0.06 | 144 | 1 | 0.02 |
| M170935 | | <2 | 0.09 | <0.5 | 3 | 101 | 9 | 0.89 | <10 | <1 | 0.19 | 30 | 0.10 | 146 | <1 | 0.03 |
| M170936 | | <2 | 0.17 | <0.5 | 4 | 61 | 4 | 0.85 | <10 | <1 | 0.23 | 30 | 0.14 | 156 | <1 | 0.02 |
| M170937 | | <2 | 0.18 | <0.5 | 3 | 79 | 4 | 0.92 | <10 | <1 | 0.20 | 30 | 0.16 | 155 | <1 | 0.03 |
| M170938 | | <2 | 0.25 | <0.5 | 3 | 57 | 3 | 1.29 | <10 | <1 | 0.26 | 30 | 0.17 | 168 | <1 | 0.01 |
| M170939 | | <2 | 0.23 | <0.5 | 6 | 52 | 3 | 0.88 | <10 | <1 | 0.28 | 30 | 0.08 | 188 | <1 | <0.01 |
| M170940 | | <2 | 0.32 | <0.5 | 3 | 59 | 2 | 0.74 | <10 | <1 | 0.28 | 20 | 0.21 | 118 | <1 | <0.01 |
| M170941 | | 2 | 0.22 | <0.5 | 4 | 56 | 3 | 0.93 | <10 | <1 | 0.27 | 30 | 0.31 | 162 | <1 | 0.01 |
| M170942 | | <2 | 0.02 | <0.5 | 3 | 77 | 3 | 0.96 | <10 | <1 | 0.20 | 30 | 0.04 | 126 | <1 | 0.02 |
| M170943 | | <2 | 0.01 | <0.5 | 2 | 138 | 5 | 0.73 | <10 | <1 | 0.14 | 20 | 0.03 | 95 | <1 | 0.03 |
| M170944 | | <2 | 0.04 | <0.5 | 3 | 103 | 3 | 0.78 | <10 | <1 | 0.19 | 20 | 0.04 | 178 | <1 | 0.03 |
| M170945 | | <2 | 0.05 | <0.5 | 3 | 81 | 3 | 0.74 | <10 | <1 | 0.24 | 20 | 0.07 | 154 | <1 | 0.03 |
| M170946 | | <2 | 0.04 | <0.5 | 2 | 109 | 6 | 0.74 | <10 | <1 | 0.15 | 20 | 0.06 | 176 | 1 | 0.03 |
| M170947 | | <2 | 0.07 | <0.5 | 4 | 74 | 2 | 0.81 | <10 | <1 | 0.19 | 30 | 0.13 | 232 | <1 | 0.03 |
| M170948 | | <2 | 0.15 | <0.5 | 2 | 108 | 2 | 0.72 | <10 | <1 | 0.13 | 20 | 0.09 | 226 | <1 | 0.04 |
| M170949 | | <2 | 0.17 | <0.5 | 4 | 66 | 3 | 0.78 | <10 | <1 | 0.25 | 40 | 0.19 | 247 | <1 | 0.02 |
| M170950 | | <2 | 0.99 | 4.0 | 21 | 26 | 175 | 3.60 | <10 | <1 | 0.24 | 10 | 0.88 | 775 | 29 | 0.04 |
| M171001 | | <2 | 0.12 | <0.5 | 7 | 50 | 5 | 1.36 | <10 | <1 | 0.32 | 30 | 0.23 | 411 | <1 | 0.01 |
| M171002 | | <2 | 0.04 | <0.5 | 4 | 115 | 10 | 0.90 | <10 | <1 | 0.24 | 20 | 0.03 | 247 | <1 | 0.01 |
| M171003 | | <2 | 0.01 | <0.5 | 5 | 88 | 6 | 0.77 | <10 | <1 | 0.25 | 30 | 0.03 | 151 | 1 | 0.01 |
| M171004 | | <2 | 0.03 | <0.5 | 4 | 121 | 4 | 0.67 | <10 | <1 | 0.18 | 20 | 0.02 | 207 | 1 | <0.01 |
| M171005 | | <2 | 0.01 | <0.5 | 3 | 122 | 6 | 0.64 | <10 | <1 | 0.18 | 10 | 0.02 | 125 | 1 | <0.01 |
| M171006 | | 2 | 0.09 | 1.1 | 5 | 77 | 32 | 0.77 | <10 | <1 | 0.20 | 30 | 0.05 | 603 | 1 | <0.01 |
| M171007 | | 2 | 0.03 | 1.6 | 3 | 76 | 30 | 0.70 | <10 | <1 | 0.15 | 10 | 0.04 | 332 | 1 | 0.02 |
| M171008 | | <2 | 0.05 | <0.5 | 2 | 82 | 15 | 0.80 | <10 | <1 | 0.10 | 20 | 0.07 | 168 | 1 | 0.03 |
| M171009 | | <2 | 0.17 | <0.5 | 3 | 69 | 8 | 0.69 | <10 | <1 | 0.21 | 40 | 0.14 | 209 | <1 | 0.01 |
| M171010 | | <2 | 0.03 | <0.5 | 1 | 73 | 4 | 0.63 | <10 | <1 | 0.05 | 20 | 0.02 | 146 | <1 | 0.03 |
| M171011 | | 2 | 0.04 | <0.5 | 3 | 57 | 3 | 0.64 | <10 | <1 | 0.18 | 20 | 0.03 | 239 | <1 | 0.01 |
| M171012 | | 2 | 0.02 | <0.5 | 3 | 70 | 2 | 0.70 | <10 | 1 | 0.16 | 20 | 0.03 | 194 | <1 | 0.02 |
| M171013 | | 2 | 0.28 | <0.5 | 3 | 229 | 11 | 2.65 | <10 | <1 | 0.11 | 30 | 0.12 | 529 | 2 | 0.04 |
| M171014 | | 2 | 0.02 | <0.5 | 1 | 35 | 34 | 2.78 | <10 | <1 | 0.28 | 30 | 0.03 | 46 | 3 | 0.01 |
| M171015 | | <2 | 0.15 | <0.5 | 4 | 60 | 6 | 0.67 | <10 | <1 | 0.18 | 30 | 0.12 | 244 | 1 | 0.01 |
| M171016 | | <2 | 0.02 | <0.5 | 3 | 83 | 5 | 0.66 | <10 | <1 | 0.18 | 20 | 0.03 | 209 | 1 | 0.02 |
| M171017 | | <2 | 0.08 | <0.5 | 3 | 67 | 2 | 0.73 | <10 | <1 | 0.20 | 30 | 0.05 | 197 | 1 | 0.02 |
| M171018 | | <2 | 0.15 | <0.5 | 5 | 80 | 18 | 0.96 | <10 | <1 | 0.24 | 30 | 0.16 | 448 | <1 | 0.02 |
| M171019 | | <2 | 0.14 | <0.5 | 4 | 56 | 6 | 0.80 | <10 | <1 | 0.26 | 30 | 0.15 | 331 | <1 | 0.02 |
| M171020 | | <2 | 0.14 | <0.5 | 4 | 71 | 13 | 0.79 | <10 | <1 | 0.22 | 20 | 0.08 | 422 | <1 | 0.02 |
| M171021 | | <2 | 0.05 | <0.5 | 1 | 84 | 12 | 0.71 | <10 | <1 | 0.17 | 30 | 0.05 | 121 | <1 | 0.04 |
| M171022 | | <2 | 0.09 | <0.5 | 4 | 72 | 2 | 0.80 | <10 | <1 | 0.22 | 40 | 0.05 | 260 | <1 | 0.02 |

Comments: NSS is non-sufficient sample.



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Page #: 3 - B
Total # of pages : 4 (A - C)
Date : 30-Sep-2003
Account: NJY

Project : Z-03-12

CERTIFICATE OF ANALYSIS VA03036435

| Sample Description | Method Analyte Units LOR | ME-ICP41 BI ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 |
|--------------------|-----------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M171023 | | <2 | 0.09 | <0.5 | 3 | 86 | 2 | 0.65 | <10 | <1 | 0.20 | 30 | 0.06 | 173 | <1 | 0.02 |
| M171024 | | <2 | 0.12 | <0.5 | 3 | 97 | 2 | 0.67 | <10 | <1 | 0.19 | 30 | 0.08 | 167 | <1 | 0.02 |
| M171025 | | <2 | 0.05 | <0.5 | 2 | 87 | 2 | 0.63 | <10 | <1 | 0.19 | 30 | 0.08 | 290 | <1 | 0.02 |
| M171026 | | <2 | 0.17 | <0.5 | 4 | 71 | 1 | 0.75 | <10 | <1 | 0.27 | 40 | 0.07 | 210 | <1 | <0.01 |
| M171027 | | <2 | 0.09 | <0.5 | 2 | 93 | 2 | 0.50 | <10 | <1 | 0.21 | 20 | 0.05 | 160 | <1 | 0.02 |
| M171028 | | <2 | 0.03 | <0.5 | 2 | 82 | 7 | 0.65 | <10 | <1 | 0.17 | 30 | 0.04 | 170 | 1 | 0.02 |
| M171029 | | <2 | 0.03 | <0.5 | 2 | 99 | 10 | 0.56 | <10 | <1 | 0.18 | 30 | 0.03 | 263 | <1 | 0.02 |
| M171030 | | <2 | 0.04 | <0.5 | 5 | 69 | 26 | 0.67 | <10 | <1 | 0.24 | 30 | 0.04 | 738 | 1 | 0.01 |
| M171031 | | <2 | 0.03 | <0.5 | 4 | 122 | 73 | 0.69 | <10 | <1 | 0.25 | 30 | 0.03 | 725 | 1 | <0.01 |
| M171032 | | <2 | 0.04 | <0.5 | 4 | 114 | 41 | 0.82 | <10 | <1 | 0.19 | 20 | 0.02 | 920 | 1 | 0.01 |
| M171033 | | <2 | 0.08 | <0.5 | 4 | 83 | 14 | 0.76 | <10 | <1 | 0.26 | 30 | 0.12 | 451 | 11 | 0.02 |
| M171034 | | <2 | 0.08 | <0.5 | 4 | 76 | 6 | 1.22 | <10 | <1 | 0.27 | 30 | 0.11 | 247 | 1 | 0.02 |
| M171035 | | <2 | 0.03 | <0.5 | 2 | 124 | 5 | 1.02 | <10 | <1 | 0.12 | 20 | 0.04 | 151 | 1 | 0.05 |
| M171036 | | <2 | 0.05 | <0.5 | 4 | 91 | 3 | 0.94 | <10 | <1 | 0.21 | 30 | 0.07 | 148 | <1 | 0.03 |
| M171037 | | <2 | 1.08 | <0.5 | 18 | 13 | 7080 | 4.72 | 20 | <1 | 0.23 | 10 | 1.78 | 788 | 4 | 0.15 |
| M171038 | | <2 | 0.04 | <0.5 | 3 | 104 | 5 | 0.99 | <10 | <1 | 0.18 | 30 | 0.04 | 153 | <1 | 0.03 |
| M171039 | | <2 | 0.03 | <0.5 | 4 | 112 | 4 | 0.86 | <10 | <1 | 0.23 | 50 | 0.06 | 205 | <1 | 0.02 |
| M171040 | | <2 | 0.03 | <0.5 | 2 | 147 | 3 | 0.70 | <10 | <1 | 0.08 | 20 | 0.04 | 135 | <1 | 0.05 |
| M171041 | | <2 | 0.13 | <0.5 | 3 | 114 | 4 | 0.80 | <10 | <1 | 0.11 | 30 | 0.05 | 180 | <1 | 0.04 |
| M171042 | | <2 | 0.10 | <0.5 | 5 | 56 | 4 | 1.50 | <10 | <1 | 0.25 | 50 | 0.10 | 232 | <1 | 0.01 |
| M171043 | | <2 | 0.04 | <0.5 | 4 | 90 | 5 | 1.19 | <10 | <1 | 0.28 | 40 | 0.09 | 238 | <1 | 0.02 |
| M171044 | | <2 | 0.10 | <0.5 | 2 | 116 | 5 | 0.91 | <10 | <1 | 0.17 | 30 | 0.09 | 129 | <1 | 0.03 |
| M171045 | | <2 | 0.08 | <0.5 | 3 | 58 | 4 | 0.93 | <10 | <1 | 0.19 | 40 | 0.16 | 181 | <1 | 0.02 |
| M171046 | | <2 | 0.11 | <0.5 | 2 | 152 | 7 | 0.83 | <10 | <1 | 0.19 | 30 | 0.09 | 193 | <1 | 0.04 |
| M171047 | | <2 | 0.17 | <0.5 | 3 | 138 | 5 | 0.96 | <10 | <1 | 0.22 | 30 | 0.10 | 152 | <1 | 0.03 |
| M171048 | | <2 | 0.16 | <0.5 | 2 | 101 | 3 | 1.06 | <10 | <1 | 0.15 | 20 | 0.08 | 143 | <1 | 0.03 |
| M171049 | | <2 | 0.93 | <0.5 | 6 | 60 | 2 | 0.76 | <10 | <1 | 0.35 | 30 | 0.19 | 259 | <1 | 0.02 |
| M171050 | | <2 | 0.52 | <0.5 | 4 | 80 | 3 | 0.54 | <10 | <1 | 0.26 | 30 | 0.15 | 215 | <1 | 0.02 |
| M171051 | | <2 | 0.32 | <0.5 | 4 | 88 | 3 | 0.49 | <10 | <1 | 0.19 | 30 | 0.12 | 174 | <1 | 0.02 |
| M171052 | | <2 | 0.18 | <0.5 | 4 | 84 | 3 | 0.54 | <10 | <1 | 0.20 | 30 | 0.10 | 178 | <1 | 0.02 |
| M171053 | | <2 | 0.23 | <0.5 | 5 | 79 | 2 | 0.55 | <10 | <1 | 0.22 | 30 | 0.16 | 206 | <1 | 0.03 |
| M171054 | | <2 | 0.18 | <0.5 | 4 | 81 | 2 | 0.57 | <10 | <1 | 0.21 | 30 | 0.25 | 222 | 1 | 0.02 |
| M171055 | | <2 | 0.18 | <0.5 | 3 | 104 | 3 | 0.61 | <10 | <1 | 0.20 | 30 | 0.07 | 240 | 1 | 0.03 |
| M171056 | | <2 | 0.21 | <0.5 | 4 | 108 | 8 | 0.67 | <10 | <1 | 0.17 | 30 | 0.08 | 242 | <1 | 0.02 |
| M171057 | | <2 | 0.02 | <0.5 | <1 | 35 | 35 | 2.79 | <10 | <1 | 0.30 | 30 | 0.03 | 43 | 2 | 0.01 |
| M171058 | | <2 | 0.20 | <0.5 | 4 | 45 | 2 | 0.77 | <10 | <1 | 0.24 | 30 | 0.25 | 206 | <1 | 0.02 |
| M171059 | | <2 | 0.16 | <0.5 | 4 | 68 | 3 | 0.77 | <10 | <1 | 0.20 | 30 | 0.20 | 184 | <1 | 0.02 |
| M171060 | | <2 | 0.45 | <0.5 | 5 | 52 | 2 | 0.85 | <10 | <1 | 0.22 | 30 | 0.29 | 252 | <1 | 0.02 |
| M171061 | | <2 | 0.20 | <0.5 | 1 | 129 | 4 | 0.45 | <10 | <1 | 0.05 | 20 | 0.07 | 102 | 1 | 0.04 |
| M171062 | | <2 | 0.53 | <0.5 | 5 | 92 | 8 | 0.60 | <10 | <1 | 0.20 | 30 | 0.27 | 220 | <1 | 0.03 |

Comments: NSS is non-sufficient sample.



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Phone: 604 984 0221 Fax: 604 984 0218

To: CHAPLEAU RESOURCES
104-135 10TH AVE S
CRANBROOK BC V1C 2N1

Page #: 4 - B
Total # of pages : 4 (A - C)
Date : 30-Sep-2003
Account: NJY

Project : Z-03-12

CERTIFICATE OF ANALYSIS VA03036435

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------------|-----------------|------------------|----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|
| | | Bi ppm 2 | Ca % 0.01 | Cd ppm 0.5 | Co ppm 1 | Cr ppm 1 | Cu ppm 1 | Fe % 0.01 | Ga ppm 10 | Hg ppm 1 | K % 0.01 | La ppm 10 | Mg % 0.01 | Mn ppm 5 | Mo ppm 1 | Na % 0.01 |
| M171063 | | 2 | 0.20 | <0.5 | 2 | 139 | 8 | 0.59 | <10 | <1 | 0.13 | 30 | 0.07 | 168 | 1 | 0.04 |
| M171064 | | <2 | 0.07 | <0.5 | 1 | 170 | 14 | 0.53 | <10 | <1 | 0.07 | 20 | 0.03 | 88 | <1 | 0.05 |
| M171065 | | <2 | 0.22 | <0.5 | 2 | 102 | 14 | 0.58 | <10 | <1 | 0.18 | 40 | 0.09 | 184 | 1 | 0.03 |
| M171066 | | <2 | 0.04 | <0.5 | 1 | 131 | 13 | 0.52 | <10 | <1 | 0.07 | 20 | 0.04 | 82 | 1 | 0.05 |
| M171067 | | <2 | 0.20 | <0.5 | 2 | 124 | 4 | 0.57 | <10 | <1 | 0.06 | 20 | 0.09 | 158 | <1 | 0.04 |
| M171068 | | <2 | 0.23 | <0.5 | 2 | 91 | 4 | 0.53 | <10 | <1 | 0.15 | 30 | 0.12 | 155 | 5 | 0.03 |
| M171069 | | <2 | 0.05 | <0.5 | 1 | 130 | 5 | 0.44 | <10 | <1 | 0.04 | 10 | 0.04 | 64 | 1 | 0.04 |
| M171070 | | <2 | 0.04 | <0.5 | 1 | 121 | 6 | 0.56 | <10 | <1 | 0.05 | 20 | 0.04 | 66 | <1 | 0.04 |
| M171071 | | <2 | 0.27 | <0.5 | 6 | 73 | 3 | 1.26 | <10 | 1 | 0.20 | 40 | 0.35 | 513 | <1 | 0.01 |
| M171072 | | <2 | 0.11 | 0.5 | 6 | 39 | 2 | 1.68 | <10 | <1 | 0.26 | 40 | 0.33 | 402 | <1 | 0.01 |
| M171073 | | <2 | 0.13 | <0.5 | 7 | 76 | 2 | 1.74 | <10 | <1 | 0.24 | 30 | 0.47 | 596 | <1 | 0.01 |
| M171074 | | <2 | 0.26 | <0.5 | 7 | 66 | 3 | 1.32 | <10 | <1 | 0.23 | 20 | 0.35 | 578 | <1 | 0.01 |
| M171075 | | <2 | 0.29 | <0.5 | 9 | 58 | 4 | 1.62 | <10 | <1 | 0.24 | 20 | 0.33 | 560 | <1 | 0.01 |
| M171076 | | <2 | 0.68 | <0.5 | 4 | 62 | 3 | 0.94 | <10 | <1 | 0.23 | 20 | 0.48 | 511 | <1 | 0.02 |
| M171077 | | <2 | 0.32 | <0.5 | 6 | 54 | 2 | 0.88 | <10 | <1 | 0.19 | 20 | 0.34 | 551 | 1 | 0.02 |
| M171078 | | <2 | 0.22 | <0.5 | 7 | 78 | 1 | 0.97 | <10 | <1 | 0.21 | 30 | 0.33 | 396 | <1 | 0.04 |

Comments: NSS is non-sufficient sample.



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CERTIFICATE OF ANALYSIS VA03036435

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|-----------|----------|-----------|----------|----------|----------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Ti | U | V | W | Zn |
| | | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 | ppm 1 | ppm 1 | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| M170933 | | 4 | 80 | 5 | 0.08 | <2 | 1 | 4 | <0.01 | <10 | <10 | 3 | <10 | 9 |
| M170934 | | 5 | 160 | 3 | 0.01 | <2 | 1 | 8 | <0.01 | <10 | <10 | 3 | <10 | 13 |
| M170935 | | 3 | 140 | 2 | <0.01 | <2 | 1 | 9 | 0.01 | <10 | <10 | 4 | <10 | 11 |
| M170936 | | 5 | 160 | 2 | <0.01 | <2 | 1 | 15 | 0.01 | <10 | <10 | 4 | <10 | 11 |
| M170937 | | 5 | 110 | 2 | 0.01 | <2 | 1 | 17 | 0.01 | <10 | <10 | 4 | <10 | 7 |
| M170938 | | 5 | 360 | <2 | <0.01 | <2 | 1 | 11 | 0.01 | <10 | <10 | 5 | <10 | 6 |
| M170939 | | 7 | 360 | <2 | <0.01 | <2 | 1 | 8 | <0.01 | <10 | <10 | 3 | <10 | 16 |
| M170940 | | 6 | 390 | <2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 13 |
| M170941 | | 6 | 290 | 2 | 0.01 | <2 | 1 | 27 | 0.01 | <10 | <10 | 3 | <10 | 10 |
| M170942 | | 4 | 110 | <2 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 3 | <10 | 13 |
| M170943 | | 4 | 60 | 7 | 0.03 | <2 | <1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 6 |
| M170944 | | 6 | 170 | 12 | 0.07 | <2 | <1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 8 |
| M170945 | | 5 | 180 | 4 | 0.04 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 10 |
| M170946 | | 3 | 60 | 12 | 0.19 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 5 |
| M170947 | | 4 | 120 | <2 | 0.01 | <2 | 1 | 8 | <0.01 | <10 | <10 | 3 | <10 | 9 |
| M170948 | | 3 | 140 | <2 | 0.02 | <2 | 1 | 40 | 0.01 | <10 | <10 | 3 | <10 | 5 |
| M170949 | | 5 | 180 | 2 | 0.01 | <2 | 1 | 24 | 0.01 | <10 | <10 | 5 | <10 | 10 |
| M170950 | | 17 | 600 | 36 | 1.22 | <2 | 6 | 43 | 0.07 | <10 | <10 | 71 | <10 | 111 |
| M171001 | | 8 | 300 | 5 | 0.25 | <2 | 1 | 6 | <0.01 | <10 | <10 | 3 | <10 | 19 |
| M171002 | | 5 | 230 | 13 | 0.10 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 9 |
| M171003 | | 5 | 110 | 9 | 0.29 | <2 | <1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 6 |
| M171004 | | 4 | 160 | 25 | 0.15 | <2 | <1 | 4 | <0.01 | <10 | <10 | 1 | <10 | 7 |
| M171005 | | 4 | 80 | 59 | 0.20 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 28 |
| M171006 | | 4 | 140 | 515 | 0.20 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 144 |
| M171007 | | 3 | 140 | 273 | 0.19 | <2 | <1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 101 |
| M171008 | | 2 | 190 | 25 | 0.05 | <2 | <1 | 9 | <0.01 | <10 | <10 | 2 | <10 | 17 |
| M171009 | | 4 | 170 | 5 | 0.01 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 13 |
| M171010 | | 2 | 80 | 3 | <0.01 | <2 | <1 | 3 | 0.01 | <10 | <10 | 2 | <10 | 5 |
| M171011 | | 3 | 210 | 2 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 11 |
| M171012 | | 3 | 80 | 3 | <0.01 | <2 | <1 | 2 | 0.01 | <10 | <10 | 3 | <10 | 14 |
| M171013 | | 6 | 60 | 3 | 0.02 | <2 | 1 | 17 | 0.01 | <10 | <10 | 7 | <10 | 11 |
| M171014 | | 6 | 230 | 28 | 0.02 | 78 | 6 | 66 | <0.01 | <10 | <10 | 11 | <10 | 15 |
| M171015 | | 4 | 150 | 63 | 0.01 | <2 | 1 | 12 | <0.01 | <10 | <10 | 2 | <10 | 19 |
| M171016 | | 3 | 90 | 4 | 0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 14 |
| M171017 | | 4 | 120 | <2 | <0.01 | <2 | <1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 16 |
| M171018 | | 5 | 200 | 8 | 0.05 | <2 | 1 | 13 | <0.01 | <10 | <10 | 3 | <10 | 19 |
| M171019 | | 4 | 120 | 5 | 0.10 | <2 | 1 | 14 | <0.01 | <10 | <10 | 3 | <10 | 15 |
| M171020 | | 4 | 190 | 10 | 0.12 | <2 | 1 | 12 | <0.01 | <10 | <10 | 2 | <10 | 11 |
| M171021 | | 2 | 90 | 11 | 0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 8 |
| M171022 | | 4 | 250 | 3 | <0.01 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 16 |

Comments: NSS is non-sufficient sample.



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CERTIFICATE OF ANALYSIS VA03036435

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|-----------|----------|-----------|----------|----------|----------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Ti | U | V | W | Zn |
| | | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 | ppm 1 | ppm 1 | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| M171023 | | 3 | 90 | 2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 9 |
| M171024 | | 4 | 170 | 2 | <0.01 | <2 | 1 | 4 | 0.01 | <10 | <10 | 3 | <10 | 9 |
| M171025 | | 3 | 80 | 3 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 10 |
| M171026 | | 4 | 200 | 2 | <0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 3 | <10 | 19 |
| M171027 | | 2 | 210 | <2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 11 |
| M171028 | | 2 | 110 | 3 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 23 |
| M171029 | | 3 | 130 | 10 | 0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 14 |
| M171030 | | 4 | 90 | 82 | 0.14 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 14 |
| M171031 | | 3 | 170 | 83 | 0.02 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 15 |
| M171032 | | 4 | 250 | 51 | 0.07 | <2 | <1 | 4 | <0.01 | <10 | <10 | 1 | <10 | 15 |
| M171033 | | 4 | 130 | 55 | 0.08 | <2 | 1 | 6 | <0.01 | <10 | <10 | 3 | <10 | 16 |
| M171034 | | 6 | 300 | 5 | 0.02 | <2 | 1 | 14 | 0.01 | <10 | <10 | 3 | <10 | 16 |
| M171035 | | 3 | 100 | 4 | 0.01 | <2 | 1 | 4 | 0.01 | <10 | <10 | 3 | <10 | 6 |
| M171036 | | 4 | 180 | 4 | <0.01 | <2 | 1 | 5 | 0.01 | <10 | <10 | 3 | <10 | 10 |
| M171037 | | 14 | 1840 | 3 | 0.10 | <2 | 13 | 77 | 0.23 | <10 | <10 | 223 | <10 | 48 |
| M171038 | | 3 | 160 | 3 | <0.01 | <2 | 1 | 4 | 0.01 | <10 | <10 | 3 | <10 | 10 |
| M171039 | | 4 | 150 | 3 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 3 | <10 | 13 |
| M171040 | | 3 | 110 | 3 | <0.01 | <2 | 1 | 3 | 0.01 | <10 | <10 | 2 | <10 | 6 |
| M171041 | | 3 | 590 | 4 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 9 |
| M171042 | | 4 | 410 | 5 | <0.01 | <2 | 1 | 7 | 0.01 | <10 | <10 | 4 | <10 | 15 |
| M171043 | | 4 | 130 | 7 | <0.01 | <2 | 1 | 6 | 0.01 | <10 | <10 | 4 | <10 | 10 |
| M171044 | | 3 | 140 | 5 | <0.01 | <2 | 1 | 6 | 0.01 | <10 | <10 | 3 | <10 | 7 |
| M171045 | | 3 | 130 | 8 | <0.01 | <2 | 1 | 6 | 0.01 | <10 | <10 | 3 | <10 | 11 |
| M171046 | | 4 | 110 | 5 | <0.01 | <2 | 1 | 5 | 0.01 | <10 | <10 | 4 | <10 | 7 |
| M171047 | | 4 | 260 | 6 | <0.01 | <2 | 1 | 5 | 0.01 | <10 | <10 | 4 | <10 | 9 |
| M171048 | | 3 | 260 | 7 | <0.01 | <2 | 1 | 5 | 0.01 | <10 | <10 | 4 | <10 | 7 |
| M171049 | | 6 | 470 | 7 | <0.01 | <2 | 1 | 12 | 0.01 | <10 | <10 | 5 | <10 | 24 |
| M171050 | | 4 | 110 | 5 | <0.01 | <2 | 1 | 7 | <0.01 | <10 | <10 | 3 | <10 | 16 |
| M171051 | | 4 | 80 | 4 | <0.01 | <2 | 1 | 10 | <0.01 | <10 | <10 | 2 | <10 | 16 |
| M171052 | | 4 | 110 | 3 | <0.01 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 18 |
| M171053 | | 4 | 140 | 2 | <0.01 | <2 | 1 | 13 | <0.01 | <10 | <10 | 3 | <10 | 19 |
| M171054 | | 4 | 90 | 2 | 0.01 | <2 | 1 | 19 | <0.01 | <10 | <10 | 3 | <10 | 20 |
| M171055 | | 4 | 150 | 3 | <0.01 | <2 | 1 | 7 | 0.01 | <10 | <10 | 3 | <10 | 14 |
| M171056 | | 4 | 120 | 3 | 0.01 | <2 | 1 | 10 | <0.01 | <10 | <10 | 3 | <10 | 15 |
| M171057 | | 6 | 240 | 31 | 0.02 | 114 | 7 | 68 | <0.01 | <10 | <10 | 11 | <10 | 14 |
| M171058 | | 3 | 360 | 4 | 0.01 | <2 | 1 | 27 | 0.01 | <10 | <10 | 3 | <10 | 20 |
| M171059 | | 2 | 240 | 4 | 0.01 | <2 | 1 | 31 | <0.01 | <10 | <10 | 2 | <10 | 16 |
| M171060 | | 2 | 580 | 7 | <0.01 | <2 | 1 | 17 | <0.01 | <10 | <10 | 2 | <10 | 21 |
| M171061 | | 2 | 50 | 14 | 0.02 | <2 | <1 | 6 | <0.01 | <10 | <10 | 1 | <10 | 7 |
| M171062 | | 2 | 60 | 5 | 0.05 | <2 | 1 | 28 | <0.01 | <10 | <10 | 2 | <10 | 16 |

Comments: NSS is non-sufficient sample.



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CERTIFICATE OF ANALYSIS VA03036435

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|-----------|----------|-----------|----------|----------|----------|-----------|-----------|-----------|----------|-----------|
| | | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Ti | U | V | W |
| | | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 | ppm 1 | ppm 1 | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 |
| M171063 | | 3 | 60 | 5 | 0.01 | <2 | 1 | 9 | <0.01 | <10 | <10 | 1 | <10 |
| M171064 | | 2 | 50 | 3 | 0.06 | <2 | 1 | 6 | <0.01 | <10 | <10 | 1 | <10 |
| M171065 | | 4 | 90 | 7 | 0.05 | <2 | 1 | 11 | <0.01 | <10 | <10 | 2 | <10 |
| M171066 | | 2 | 60 | 4 | 0.06 | <2 | 1 | 3 | <0.01 | <10 | <10 | 1 | <10 |
| M171067 | | <1 | 50 | 6 | 0.08 | <2 | 1 | 8 | <0.01 | <10 | <10 | 1 | <10 |
| M171068 | | 2 | 90 | 7 | 0.08 | <2 | 1 | 13 | <0.01 | <10 | <10 | 2 | <10 |
| M171069 | | 1 | 60 | 19 | 0.05 | <2 | <1 | 3 | <0.01 | <10 | <10 | 1 | <10 |
| M171070 | | 1 | 70 | 4 | 0.03 | <2 | <1 | 3 | <0.01 | <10 | <10 | 1 | <10 |
| M171071 | | 4 | 590 | 9 | 0.03 | <2 | 1 | 18 | <0.01 | <10 | <10 | 2 | <10 |
| M171072 | | 6 | 430 | <2 | 0.01 | <2 | 1 | 12 | 0.01 | <10 | <10 | 3 | <10 |
| M171073 | | 6 | 350 | 7 | 0.04 | <2 | 1 | 19 | <0.01 | <10 | <10 | 3 | <10 |
| M171074 | | 6 | 310 | 4 | 0.55 | <2 | 1 | 13 | <0.01 | <10 | <10 | 3 | <10 |
| M171075 | | 6 | 290 | 7 | 1.11 | <2 | 1 | 13 | <0.01 | <10 | <10 | 2 | <10 |
| M171076 | | 2 | 120 | 4 | 0.43 | <2 | 2 | 32 | <0.01 | <10 | <10 | 3 | <10 |
| M171077 | | 4 | 80 | 14 | 0.16 | <2 | 1 | 31 | <0.01 | <10 | <10 | 3 | <10 |
| M171078 | | 6 | 220 | 5 | 0.01 | <2 | 1 | 17 | 0.01 | <10 | <10 | 4 | <10 |

Comments: NSS is non-sufficient sample.

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-13

LENGTH: 132.6 M.

| | | | |
|---------------------------------|----------------------------|-------------------------|-------------------------------|
| PROPERTY: Zinger | | HORI. COMP: 93.7 meters | DRILL CONTRACTOR: LONE RANGER |
| LOCATION: Ridge above Hart Lake | | VERT. COMP: 93.7 meters | |
| COMMENCED: Sept. 16, 2003 | COMPLETED: Sept. 18, 2003 | CORR. DIP: | CORE SIZE: NQ |
| COORDS: Long. | Lat. | TRUE BEARING: 288° Azi | CASING: 3.0 Meters |
| COORDS: UTM (E) | (N) (EL) | % RECOVERY: | CORE STORAGE: Vine Properties |
| COORDS: Grid (E) | (N) (EL) | LOGGED DATE: Sept. 2003 | |
| ELEVATION: 2200 meters | COLLAR: Dip: -45 Azi: 288° | LOGGED BY: D.L. Pighin | |
| OBJECTIVE: | | | |
| SURVEYS: Depth: | Dip: Azi: | Type: | |
| ADDITIONAL SURVEYS: | | | |
| Depth: | Dip: Azi: | | |

| | | |
|------|------|---|
| From | To | LITHOLOGY: Quartzite, interbedded argillite, unit is less the 10% argillite. |
| 3.0 | 14.5 | COLOR: Quartzites are mainly light maroon, with dark maroon lineation, argillites are light yellowish green to olive green. |
| | | PRIMARY STRUCTURE: Thin to very thin bedded, bedding is distinct flat to wavy, quartzites are fine grained, commonly parallel laminated, rarely crenulated laminations. Argillite beds are generally thin beds and are strongly distorted by soft sediment deformation. |
| | | TECTONIC STRUCTURE: Bedding to core axis = 59° @ 6.0 meters, widely scattered quartz filled fractures at 61°, 71°, and 38° to core axis. |
| | | GENERAL ALTERATION: Liesegang is well developed through-out this interval. Some late bands of yellow sericite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Quartz veinlets range between 2mm and 10 mm in thickness. They are all drusy and mineralized by limonite after pyrite and siderite. The best zone of veinlet is between 12.0 and 13.5 meters. |
| | | ADDITIONAL OBSERVATIONS: |

| | | |
|------|------|---|
| From | To | LITHOLOGY: Siltstone interbedded argillite approximately 50% argillite. |
| 14.5 | 17.8 | COLOR: Gray siltstone with streaks, wisps and irregular bands of dark purple and maroon argillite. |
| | | PRIMARY STRUCTURE: Very thin bedded, bedding distinct and strongly distorted by soft sediment deformation abundant thin beds of mud chips fragmentals, some erosional contacts, most of the distortion in these beds may be due to subaerial exposure and compaction of soft sediments. |
| | | TECTONIC STRUCTURE: Nil |
| | | GENERAL ALTERATION: Regional sericitization. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: |
| | | ADDITIONAL OBSERVATIONS: |

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

27,340

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-13

LENGTH: 132.6 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|---|------------|-------|-----------|-----------|-----------|-----------|-----------|-----------|
| 11 | 12 | 0 | Limonitic sediments and scattered quartz limonite veinlets (limonite after pyrite and siderite) | M 171079 | 1 | 0.13 | <0.2 | 2 | 6 | 21 | 3 |
| 12 | 12.5 | 0 | Limonitic sediments and scattered quartz limonite veinlets (limonite after pyrite and siderite) | M 171080 | 0.5 | 0.17 | 0.2 | 2 | 4 | 10 | 4 |
| 12.5 | 13 | 0 | | M 171081 | 0.5 | 0.42 | <0.2 | 2 | 18 | 12 | 10 |
| 13 | 13.5 | 0 | | M 171082 | 0.5 | 0.08 | 0.2 | <2 | 4 | 37 | 6 |
| STND | | 0 | 50 P | M 171083 | * | 0.64 | 2.6 | 3 | 4 | 48 | 6940 |
| 13.5 | 14.5 | 0 | | M 171084 | 1 | 0.13 | <0.2 | <2 | 5 | 17 | 14 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z-03-13
LENGTH: 132.6 M.

| From | To | LITHOLOGY: Quartzite interbedded argillite (10% Argillite) some thin to medium chip fragmental beds. |
|------|------|---|
| 17.8 | 45.0 | COLOR: Quartzite are light maroon, mottled and parallel banded by dark maroon, and rarely purple, argillite generally light apple green. |
| | | PRIMARY STRUCTURE: Medium to thin bedded, bedding is mainly wavy but can be flat locally, quartzites are fine grained and commonly parallel laminated, argillite beds are generally distorted, by flame structures ball and pillow structures, tne sand dykes etc. |
| | | TECTONIC STRUCTURE: Quartz filled fractures widely scattered through-out the section, fracture are at 60°, 47° and parallel to bedding. |
| | | GENERAL ALTERATION: Regional sericitization and silicification. Small scattered zones of well developed Liesegang alteration. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Quartz veinlets are widely scattered throughout this interval. The veinlets are rarely more than 1 cm thick, they are weakly to strongly mineralized by limonite after pyrite and siderite. All of the quartz veins are drusy from 19.7 to 20.7 quartz veinlets are most abundant. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 18.7 | 19.7 | 0 | Limonitic sediments with scattered quartz - limonite veins. | M 171085 | 1 | <0.05 | <0.2 | <2 | 3 | 23 | 2 |
| 19.7 | 20.2 | 0 | Limonitic sediments with scattered quartz - limonite veins. | M 171086 | 0.5 | 0.23 | 0.2 | <2 | 2 | 14 | 6 |
| 20.2 | 20.7 | 0 | Limonitic sediments with scattered quartz - limonite veins. | M 171087 | 0.5 | 0.09 | <0.2 | <2 | 10 | 22 | 3 |
| 20.7 | 21.7 | 0 | Limonitic sediments with scattered quartz - limonite veins. | M 171088 | 1 | <0.05 | <0.2 | <2 | <2 | 21 | 2 |
| 35.5 | 36 | 0 | Limonitic sediments with scattered quartz - limonite veins. | M 171089 | 0.5 | 0.06 | 0.5 | <2 | 34 | 32 | 4 |
| 36 | 36.5 | 0 | Limonitic sediments with scattered quartz - limonite veins. | M 171090 | 0.5 | 0.19 | 0.4 | <2 | 72 | 32 | 22 |
| 36.5 | 37.5 | 0 | Limonitic sediments with scattered quartz - limonite veins. | M 171091 | 1 | <0.05 | <0.2 | <2 | 2 | 30 | 7 |
| 37.5 | 38.5 | 0 | Limonitic sediments with scattered quartz - limonite veins. | M 171092 | 1 | 0.05 | <0.2 | <2 | 10 | 30 | 5 |
| 38.5 | 39.5 | 0 | Limonitic sediments with scattered quartz - limonite veins. | M 171093 | 1 | <0.05 | <0.2 | 2 | 7 | 32 | 2 |
| 39.5 | 40.5 | 0 | Limonitic sediments with scattered quartz - limonite veins. | M 171094 | 1 | <0.05 | <0.2 | <2 | 11 | 33 | 2 |
| 40.5 | 41.5 | 0 | Limonitic sediments with scattered quartz - limonite veins. | M 171095 | 1 | 0.07 | 0.2 | <2 | 7 | 25 | 2 |
| 41.5 | 42.5 | 0 | Limonitic sediments with scattered quartz - limonite veins. | M 171096 | 1 | <0.05 | <0.2 | <2 | 20 | 33 | 2 |
| 42.5 | 43.5 | 0 | Limonitic sediments with scattered quartz - limonite veins. | M 171097 | 1 | 0.07 | 0.2 | <2 | 12 | 40 | 2 |
| STND | | 0 | 7 P A | M 171098 | * | 2.96 | <0.2 | 2330 | 32 | 15 | 35 |
| 43.5 | 44.5 | 0 | Limonitic sediments with scattered quartz - limonite veins. | M 171099 | 1 | <0.05 | <0.2 | 4 | 12 | 31 | 1 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-13

LENGTH: 132.6 M.

| From | To | LITHOLOGY: Argillite interbedded siltstone, minor quartzite. |
|------|------|---|
| 45.0 | 54.0 | COLOR: Argillite generally gray to light gray, siltstone and quartzite gray to brownish gray. |
| | | PRIMARY STRUCTURE: Thin to very thin bedded, bedding is distinct, wavy to distorted, sediments are strongly current laminated, ie. Ripples, cross bedding, complicated by subaerial exposure structures (ie) (mud chip breccia), cut and fill channels, and soft sediment compaction structures such as Ball & Pillow structure, Flame structures, thin elastic (sand dykes). |
| | | TECTONIC STRUCTURE: Nil |
| | | GENERAL ALTERATION: Regional. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Rare mineralized quartz veinlets. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | LITHOLOGY: Quartzite interbedded argillite (argillite forms 30% of the unit). |
|------|------|--|
| 54.0 | 100. | COLOR: Quartzites, generally light maroon with darker maroon mottling and lineations argillite light yellowish green. |
| | | PRIMARY STRUCTURE: Thin to very thin bedded, bedding is sharp and wavy due to soft sediment deformation. Quartzites are commonly parallel laminated, rarely massive or crenulated. Argillite beds are generally distorted by soft sediment structures. Bedding to core axis at 56.5 = 57°, @ 64.0 = 66°, @ 71.5 = 51°, @ 83.0 = 68°. |
| | | TECTONIC STRUCTURE: Widely scattered fractures filled by quartz cut core axis at 45° to 78°. |
| | | GENERAL ALTERATION: Scattered patches of Liesegang alteration, quartzites are intensely silicified and sericitized. Argillite bed generally altered to yellowish green sericite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Limonite after pyrite and siderite in all the quartz veinlets described above. These veinlets range in thickness from 2 mm to 10 mm. All of the veins are strongly drusy (vuggy), and widely scattered throughout this interval, rarely more than 2 veins per 20 cm of core. Locally 67.5 – 69.5 abundant veinlets up to 10 per 20 cm of core, in this zone finely crystalline fresh pyrite is disseminated in host sericitic quartzite, 80.5 to 81.5 abundant veinlets with limonite – 90 to 91.5 abundant veinlets with good limonite mineralization. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|----|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 54 | 55 | 0 | Widely scattered quartz limonite after pyrite - siderite veinlets, 2mm to 10 mm thick. | M 171105 | 1 | <0.05 | <0.2 | 5 | 27 | 8 | 3 |
| 55 | 56 | 0 | Widely scattered quartz limonite after pyrite - siderite veinlets, 2mm to 10 mm thick. | M 171106 | 1 | <0.05 | 0.2 | <2 | 21 | 18 | 2 |
| 56 | 57 | 0 | Widely scattered quartz limonite after pyrite - siderite veinlets, 2mm to 10 mm thick. | M 171107 | 1 | <0.05 | <0.2 | <2 | 8 | 13 | 2 |
| 57 | 58 | 0 | Widely scattered quartz limonite after pyrite - siderite veinlets, 2mm to 10 mm thick. | M 171108 | 1 | 0.42 | <0.2 | <2 | 9 | 18 | 2 |
| 58 | 59 | 0 | Widely scattered quartz limonite after pyrite - siderite veinlets, 2mm to 10 mm thick. | M 171109 | 1 | 0.41 | <0.2 | <2 | 13 | 18 | 2 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-13

LENGTH: 132.6 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 59 | 60 | 0 | Widely scattered quartz limonite after pyrite - siderite veinlets, 2mm to 10 mm thick. | M 171110 | 1 | <0.05 | <0.2 | <2 | 4 | 30 | 3 |
| 60 | 61 | 0 | Widely scattered quartz limonite after pyrite - siderite veinlets, 2mm to 10 mm thick. | M 171111 | 1 | <0.05 | <0.2 | <2 | 3 | 16 | 8 |
| 61 | 62 | 0 | Widely scattered quartz limonite after pyrite - siderite veinlets, 2mm to 10 mm thick. | M 171112 | 1 | 0.11 | 0.2 | 3 | 11 | 18 | 1 |
| 62 | 63 | 0 | Widely scattered quartz limonite after pyrite - siderite veinlets, 2mm to 10 mm thick. | M 171113 | 1 | <0.05 | <0.2 | 2 | 6 | 17 | 3 |
| 63 | 64 | 0 | Widely scattered quartz limonite after pyrite - siderite veinlets, 2mm to 10 mm thick. | M 171114 | 1 | <0.05 | <0.2 | <2 | 3 | 21 | 1 |
| 64 | 65 | 0 | Widely scattered quartz limonite after pyrite - siderite veinlets, 2mm to 10 mm thick. | M 171115 | 1 | <0.05 | <0.2 | 2 | 8 | 22 | 2 |
| 65 | 66 | 0 | Widely scattered quartz limonite after pyrite - siderite veinlets, 2mm to 10 mm thick. | M 171116 | 1 | <0.05 | <0.2 | <2 | 4 | 19 | 2 |
| 66 | 66.5 | 0 | Widely scattered quartz limonite after pyrite - siderite veinlets, 2mm to 10 mm thick. | M 171117 | 0.5 | 0.76 | <0.2 | 3 | 6 | 10 | 5 |
| 66.5 | 67 | 0 | Widely scattered quartz limonite after pyrite - siderite veinlets, 2mm to 10 mm thick. | M 171118 | 0.5 | 0.2 | <0.2 | <2 | 8 | 9 | 10 |
| 67 | 67.5 | 0 | Widely scattered quartz limonite after pyrite - siderite veinlets, 2mm to 10 mm thick. | M 171119 | 0.5 | 0.29 | <0.2 | <2 | 11 | 11 | 4 |
| 67.5 | 68 | 0 | Abundant quartz - limonite veinlets mineralized by limonite after pyrite and pyrite. | M 171120 | 0.5 | 0.26 | <0.2 | 2 | 9 | 14 | 6 |
| 68 | 68.5 | 0 | Abundant quartz - limonite veinlets mineralized by limonite after pyrite and pyrite. | M 171121 | 0.5 | 0.07 | <0.2 | 2 | 7 | 24 | 6 |
| 68.5 | 69 | 0 | Abundant quartz - limonite veinlets mineralized by limonite after pyrite and pyrite. | M 171122 | 0.5 | 0.08 | <0.2 | <2 | 10 | 16 | 22 |
| 69 | 69.5 | 0 | Abundant quartz - limonite veinlets mineralized by limonite after pyrite and pyrite. | M 171123 | 0.5 | 0.87 | 0.4 | 3 | 11 | 23 | 6 |
| 69.5 | 70.5 | 0 | Abundant quartz - limonite veinlets mineralized by limonite after pyrite and pyrite. | M 171124 | 1 | 0.08 | <0.2 | 2 | 4 | 20 | 3 |
| 70.5 | 71.5 | 0 | Abundant quartz - limonite veinlets mineralized by limonite after pyrite and pyrite. | M 171125 | 1 | <0.05 | <0.2 | <2 | 4 | 22 | 2 |
| | | | 62 P B | M 171126 | * | 11.1 | 21.3 | 17 | 36 | 112 | 167 |
| 71.5 | 72.5 | 0 | Abundant quartz - limonite veinlets mineralized by limonite after pyrite and pyrite. | M 171127 | 1 | 0.25 | <0.2 | <2 | 9 | 17 | 3 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-13

LENGTH: 132.6 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 72.5 | 73.5 | 0 | Abundant quartz - limonite veinlets mineralized by limonite after pyrite and pyrite. | M 171128 | 1 | <0.05 | <0.2 | <2 | 4 | 17 | 3 |
| 73.5 | 74.5 | 0 | Abundant quartz - limonite veinlets mineralized by limonite after pyrite and pyrite. | M 171129 | 1 | 0.06 | 0.2 | <2 | 7 | 14 | 7 |
| 74.5 | 75.5 | 0 | Abundant quartz - limonite veinlets mineralized by limonite after pyrite and pyrite. | M 171130 | 1 | 0.33 | 0.2 | <2 | 10 | 11 | 7 |
| 75.5 | 76.5 | 0 | Abundant quartz - limonite veinlets mineralized by limonite after pyrite and pyrite. | M 171131 | 1 | 0.06 | <0.2 | <2 | 4 | 23 | 2 |
| 76.5 | 77.5 | 0 | Abundant quartz - limonite veinlets mineralized by limonite after pyrite and pyrite. | M 171132 | 1 | <0.05 | <0.2 | <2 | 3 | 19 | 10 |
| 77.5 | 78.5 | 0 | Abundant quartz - limonite veinlets mineralized by limonite after pyrite and pyrite. | M 171133 | 1 | <0.05 | <0.2 | <2 | 2 | 20 | 5 |
| 78.5 | 79.5 | 0 | Abundant quartz - limonite veinlets mineralized by limonite after pyrite and pyrite. | M 171134 | 1 | 0.11 | <0.2 | <2 | 9 | 23 | 5 |
| 79.5 | 80.5 | 0 | Abundant quartz - limonite veinlets mineralized by limonite after pyrite and pyrite. | M 171135 | 1 | <0.05 | <0.2 | <2 | <2 | 21 | 3 |
| 80.5 | 81.5 | 0 | Abundant quartz - limonite veinlets mineralized by limonite after pyrite and pyrite. | M 171136 | 1 | 0.07 | <0.2 | <2 | 9 | 19 | 10 |
| 81.5 | 82.5 | 0 | Widely scattered quartz - limonite veinlets. | M 171137 | 1 | <0.05 | <0.2 | <2 | 19 | 18 | 9 |
| 82.5 | 83.5 | 0 | Widely scattered quartz - limonite veinlets. | M 171138 | 1 | <0.05 | <0.2 | <2 | 6 | 24 | 5 |
| 83.5 | 84.5 | 0 | Widely scattered quartz - limonite veinlets. | M 171139 | 1 | <0.05 | <0.2 | <2 | 4 | 16 | 5 |
| 84.5 | 85.5 | 0 | Widely scattered quartz - limonite veinlets. | M 171140 | 1 | <0.05 | <0.2 | <2 | 2 | 15 | 3 |
| 85.5 | 86.5 | 0 | Widely scattered quartz - limonite veinlets. | M 171141 | 1 | <0.05 | <0.2 | <2 | 3 | 15 | 2 |
| 86.5 | 87.5 | 0 | Widely scattered quartz - limonite veinlets. | M 171142 | 1 | <0.05 | <0.2 | <2 | 3 | 15 | 2 |
| 87.5 | 88.5 | 0 | Widely scattered quartz - limonite veinlets. | M 171143 | 1 | 0.1 | <0.2 | <2 | 3 | 20 | 3 |
| 88.5 | 89.5 | 0 | Widely scattered quartz - limonite veinlets. | M 171144 | 1 | <0.05 | <0.2 | <2 | 2 | 25 | 3 |
| 89.5 | 90 | 0 | Widely scattered quartz - limonite veinlets. | M 171145 | 0.5 | <0.05 | <0.2 | <2 | 4 | 26 | 3 |
| 90 | 90.5 | 0 | Abundant quartz - limonite veinlets. | M 171146 | 0.5 | <0.05 | <0.2 | <2 | 8 | 18 | 4 |
| 90.5 | 91 | 0 | Abundant quartz - limonite veinlets. | M 171147 | 0.5 | 0.05 | <0.2 | <2 | 2 | 9 | 7 |
| 91 | 91.5 | 0 | Abundant quartz - limonite veinlets. | M 171148 | 0.5 | <0.05 | <0.2 | 2 | 7 | 32 | 9 |
| 91.5 | 92.5 | 0 | Abundant quartz - limonite veinlets. | M 171149 | 1 | 0.05 | <0.2 | 2 | 6 | 19 | 5 |
| STND | | 0 | 7 P A | M 171150 | * | 3.03 | <0.2 | 2290 | 30 | 16 | 34 |
| 92.5 | 93 | 0 | Abundant quartz - limonite veinlets. | M 171151 | 0.5 | <0.05 | <0.2 | 8 | 3 | 24 | 3 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z-03-13
LENGTH: 132.6 M.

| From | To | LITHOLOGY: Quartzite, interbedded argillite, minor siltstone (unit is 40% argillite). |
|--------|-------|---|
| 100 | 132.6 | COLOR: Quartzites are gray, argillites are generally olive gray rare light green. |
| End of | | PRIMARY STRUCTURE: Thin to very thin bedded, bedding is sharp and wavy to distorted by soft sediments, deformation structures such as, Ball and Pillow, Flame structures, dewatering structures such as sinuous thin irregular sand dykes. Quartzites are all fine grained. Bedding to core at 105.0 = 68°, @ 116.5 = 66°, @ 132.0 = 70°. |
| Hole | | TECTONIC STRUCTURE: White quartz healed crackle breccia zones @ 110.5 to 110.8, 120.3 to 120.7. |
| | | GENERAL ALTERATION: Quartzites are silicified and sericitized, but this probably regional alteration. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: 110.5 to 110.8 crackle breccia zone with white quartz minor limonite after siderite?) forming matrix (sampled). |
| | | ADDITIONAL OBSERVATIONS: 110.5 to 110.8 crackle breccia zone with white quartz and minor limonite (after siderite?) forming matrix (sampled). 120.3 to 120.7 Crackle Breccia Zone – with a white drusy quartz matrix, No visible sulphides or limonites. |



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Page #: 1
Date : 1-Oct-2003
Account: NJY

CERTIFICATE VA03036801

Project : Z-03-13

P.O. No:

This report is for 48 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 19-Sep-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-21 | Crush entire sample 70% < 6 mm |
| PUL-21 | Pulverize entire sample |
| LOG-24 | Pulp Login - Rcd w/o Barcode |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Page 17. 2 - A
Total # of pages : 3 (A - C)
Date : 1-Oct-2003
Account: NJY

Project : Z-03-13

CERTIFICATE OF ANALYSIS VA03036801

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 S ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M171104 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 3.13 | 2.97 | <0.2 | 0.77 | 2350 | 10 | 150 | 1.1 |
| M171105 | | 2.48 | <0.05 | 1.88 | <0.05 | 0.036 | 19.19 | 2379 | 0.03 | 0.02 | <0.2 | 0.22 | 5 | <10 | 80 | <0.5 |
| M171106 | | 2.40 | <0.05 | 0.09 | <0.05 | 0.002 | 22.08 | 2277 | 0.02 | 0.01 | 0.2 | 0.30 | <2 | <10 | 270 | <0.5 |
| M171107 | | 2.18 | <0.05 | <0.05 | <0.05 | <0.001 | 16.79 | 2083 | 0.02 | 0.01 | <0.2 | 0.29 | <2 | <10 | 390 | <0.5 |
| M171108 | | 2.02 | 0.42 | 3.67 | 0.08 | 0.076 | 20.70 | 194.3 | 0.07 | 0.08 | <0.2 | 0.34 | <2 | <10 | 210 | <0.5 |
| M171109 | | 2.56 | 0.41 | 1.68 | 0.40 | 0.036 | 21.42 | 2407 | 0.39 | 0.41 | <0.2 | 0.40 | <2 | <10 | 200 | <0.5 |
| M171110 | | 2.46 | <0.05 | <0.05 | <0.05 | <0.001 | 14.40 | 2336 | 0.04 | 0.01 | <0.2 | 0.37 | <2 | <10 | 610 | 0.5 |
| M171111 | | 2.80 | <0.05 | <0.05 | <0.05 | <0.001 | 24.29 | 2673 | 0.01 | 0.01 | <0.2 | 0.27 | <2 | <10 | 110 | <0.5 |
| M171112 | | 2.64 | 0.11 | 0.13 | 0.11 | 0.003 | 23.96 | 2522 | 0.12 | 0.10 | 0.2 | 0.32 | 3 | <10 | 130 | <0.5 |
| M171113 | | 2.84 | <0.05 | <0.05 | <0.05 | <0.001 | 25.52 | 2698 | 0.02 | 0.01 | <0.2 | 0.34 | 2 | <10 | 150 | <0.5 |
| M171114 | | 2.52 | <0.05 | <0.05 | <0.05 | <0.001 | 25.46 | 2377 | 0.01 | 0.01 | <0.2 | 0.34 | <2 | <10 | 300 | <0.5 |
| M171115 | | 2.34 | <0.05 | <0.05 | <0.05 | <0.001 | 16.38 | 2228 | 0.02 | 0.01 | <0.2 | 0.34 | 2 | <10 | 270 | <0.5 |
| M171116 | | 2.58 | <0.05 | <0.05 | 0.05 | <0.001 | 25.69 | 2458 | 0.05 | 0.04 | <0.2 | 0.31 | <2 | <10 | 180 | <0.5 |
| M171117 | | 1.64 | 0.76 | 30.3 | 0.51 | 0.392 | 12.94 | 1543.0 | 0.50 | 0.52 | <0.2 | 0.33 | 3 | <10 | 120 | <0.5 |
| M171118 | | 1.24 | 0.20 | 1.69 | 0.19 | 0.019 | 11.21 | 1160.5 | 0.20 | 0.18 | <0.2 | 0.28 | <2 | <10 | 70 | <0.5 |
| M171119 | | 1.26 | 0.29 | 2.09 | 0.27 | 0.032 | 15.29 | 1160.0 | 0.24 | 0.29 | <0.2 | 0.31 | <2 | <10 | 100 | <0.5 |
| M171120 | | 1.22 | 0.26 | 5.11 | 0.22 | 0.043 | 8.41 | 1147.5 | 0.20 | 0.24 | <0.2 | 0.27 | 2 | <10 | 80 | <0.5 |
| M171121 | | 1.12 | 0.07 | 2.40 | 0.06 | 0.014 | 5.84 | 1051.5 | 0.08 | 0.04 | <0.2 | 0.30 | 2 | <10 | 60 | <0.5 |
| M171122 | | 1.20 | 0.08 | 0.49 | 0.08 | 0.004 | 8.14 | 1129.0 | 0.13 | 0.03 | <0.2 | 0.21 | <2 | <10 | 50 | <0.5 |
| M171123 | | 1.14 | 0.87 | 50.4 | 0.40 | 0.511 | 10.13 | 1059.0 | 0.48 | 0.32 | 0.4 | 0.34 | 3 | <10 | 170 | <0.5 |
| M171124 | | 2.48 | 0.08 | 0.39 | 0.08 | 0.009 | 22.83 | 2360 | 0.07 | 0.08 | <0.2 | 0.29 | 2 | <10 | 170 | <0.5 |
| M171125 | | 2.52 | <0.05 | <0.05 | <0.05 | <0.001 | 27.47 | 2409 | 0.03 | 0.03 | <0.2 | 0.29 | <2 | <10 | 230 | <0.5 |
| M171126 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 11.10 | 10.80 | 21.3 | 1.61 | 17 | <10 | 90 | <0.5 |
| M171127 | | 2.54 | 0.25 | 1.66 | 0.23 | 0.053 | 31.91 | 2420 | 0.30 | 0.16 | <0.2 | 0.29 | <2 | <10 | 250 | <0.5 |
| M171128 | | 2.56 | <0.05 | <0.05 | <0.05 | <0.001 | 30.90 | 2400 | 0.02 | 0.03 | <0.2 | 0.29 | <2 | <10 | 220 | <0.5 |
| M171129 | | 2.44 | 0.06 | 0.91 | 0.05 | 0.026 | 28.42 | 2324 | 0.05 | 0.05 | 0.2 | 0.28 | <2 | <10 | 330 | <0.5 |
| M171130 | | 2.60 | 0.33 | 3.63 | 0.28 | 0.136 | 37.42 | 2465 | 0.38 | 0.17 | 0.2 | 0.27 | <2 | <10 | 330 | <0.5 |
| M171131 | | 2.34 | 0.06 | 2.60 | <0.05 | 0.066 | 25.38 | 2235 | 0.03 | 0.03 | <0.2 | 0.30 | <2 | <10 | 150 | <0.5 |
| M171132 | | 2.28 | <0.05 | <0.05 | <0.05 | <0.001 | 16.54 | 2183 | 0.01 | <0.01 | <0.2 | 0.26 | <2 | <10 | 300 | <0.5 |
| M171133 | | 2.28 | <0.05 | <0.05 | <0.05 | <0.001 | 21.33 | 2181 | 0.02 | 0.03 | <0.2 | 0.27 | <2 | <10 | 310 | <0.5 |
| M171134 | | 2.36 | 0.11 | 0.35 | 0.11 | 0.012 | 34.76 | 2248 | 0.03 | 0.18 | <0.2 | 0.28 | <2 | <10 | 340 | <0.5 |
| M171135 | | 2.64 | <0.05 | <0.05 | <0.05 | <0.001 | 15.95 | 2489 | 0.01 | 0.01 | <0.2 | 0.24 | <2 | <10 | 400 | <0.5 |
| M171136 | | 2.46 | 0.07 | 8.93 | <0.05 | 0.135 | 15.12 | 2355 | 0.02 | 0.01 | <0.2 | 0.25 | <2 | <10 | 100 | <0.5 |
| M171137 | | 2.26 | <0.05 | <0.05 | <0.05 | <0.001 | 9.66 | 2179 | <0.01 | 0.01 | <0.2 | 0.23 | <2 | <10 | 120 | <0.5 |
| M171138 | | 2.72 | <0.05 | <0.05 | <0.05 | <0.001 | 18.10 | 2605 | 0.02 | 0.02 | <0.2 | 0.24 | <2 | <10 | 230 | <0.5 |
| M171139 | | 2.52 | <0.05 | 0.18 | <0.05 | 0.002 | 11.11 | 2429 | <0.01 | <0.01 | <0.2 | 0.24 | <2 | <10 | 380 | <0.5 |
| M171140 | | 2.66 | <0.05 | <0.05 | <0.05 | <0.001 | 21.06 | 2544 | <0.01 | <0.01 | <0.2 | 0.23 | <2 | <10 | 160 | <0.5 |
| M171141 | | 2.64 | <0.05 | <0.05 | <0.05 | <0.001 | 27.22 | 2495 | <0.01 | <0.01 | <0.2 | 0.24 | <2 | <10 | 140 | <0.5 |
| M171142 | | 2.40 | <0.05 | <0.05 | <0.05 | <0.001 | 33.01 | 2274 | 0.02 | <0.01 | <0.2 | 0.25 | <2 | <10 | 440 | <0.5 |
| M171143 | | 2.38 | 0.10 | 5.29 | <0.05 | 0.138 | 26.10 | 2270 | 0.06 | 0.02 | <0.2 | 0.26 | <2 | <10 | 220 | <0.5 |

Comments: NSS is non-sufficient sample.



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Date : 1-Oct-2003
Account: NJY

Project : Z-03-13

CERTIFICATE OF ANALYSIS VA03036801

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M171144 | | 2.58 | <0.05 | <0.05 | <0.05 | <0.001 | 24.01 | 2304 | 0.04 | 0.01 | <0.2 | 0.34 | <2 | <10 | 150 | <0.5 |
| M171145 | | 1.88 | <0.05 | <0.05 | <0.05 | <0.001 | 29.17 | 1769.0 | 0.02 | <0.01 | <0.2 | 0.30 | <2 | <10 | 390 | <0.5 |
| M171146 | | 1.18 | <0.05 | <0.05 | <0.05 | <0.001 | 18.43 | 1103.5 | 0.02 | 0.01 | <0.2 | 0.23 | <2 | <10 | 160 | <0.5 |
| M171147 | | 1.14 | 0.05 | <0.05 | 0.06 | <0.001 | 34.19 | 1042.0 | 0.11 | <0.01 | <0.2 | 0.16 | <2 | <10 | 100 | <0.5 |
| M171148 | | 1.48 | <0.05 | <0.05 | <0.05 | <0.001 | 27.37 | 1384.0 | <0.01 | <0.01 | <0.2 | 0.29 | 2 | <10 | 100 | <0.5 |
| M171149 | | 2.34 | 0.05 | <0.05 | 0.06 | <0.001 | 26.84 | 2230 | 0.11 | <0.01 | <0.2 | 0.23 | 2 | <10 | 270 | <0.5 |
| M171150 | | 0.10 | 3.03 | <0.05 | 3.04 | <0.001 | 0.20 | 97.8 | 3.10 | 2.98 | <0.2 | 0.79 | 2290 | 10 | 150 | 1.1 |
| M171151 | | 0.98 | <0.05 | <0.05 | <0.05 | <0.001 | 22.44 | 887.5 | <0.01 | <0.01 | <0.2 | 0.29 | 8 | <10 | 270 | <0.5 |

Comments: NSS is non-sufficient sample.



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Date : 1-Oct-2003
Account: NJY

Project : Z-03-13

CERTIFICATE OF ANALYSIS VA03036801

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------------|-----------------|------------------|----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|
| | | BI ppm 2 | Ca % 0.01 | Cd ppm 0.5 | Co ppm 1 | Cr ppm 1 | Cu ppm 1 | Fe % 0.01 | Ga ppm 10 | Hg ppm 1 | K % 0.01 | La ppm 10 | Mg % 0.01 | Mn ppm 5 | Mo ppm 1 | Na % 0.01 |
| M171104 | | <2 | 0.05 | <0.5 | 1 | 36 | 34 | 2.84 | <10 | <1 | 0.33 | 30 | 0.04 | 43 | 2 | 0.01 |
| M171105 | | <2 | 0.02 | <0.5 | 1 | 120 | 3 | 0.47 | <10 | <1 | 0.11 | 20 | 0.02 | 69 | <1 | 0.04 |
| M171106 | | <2 | 0.04 | <0.5 | 2 | 105 | 2 | 0.66 | <10 | <1 | 0.15 | 20 | 0.04 | 128 | <1 | 0.02 |
| M171107 | | <2 | 0.04 | <0.5 | 3 | 112 | 2 | 0.67 | <10 | <1 | 0.16 | 30 | 0.04 | 171 | <1 | 0.03 |
| M171108 | | <2 | 0.06 | <0.5 | 4 | 82 | 2 | 0.81 | <10 | <1 | 0.22 | 30 | 0.05 | 254 | <1 | 0.01 |
| M171109 | | <2 | 0.04 | <0.5 | 5 | 45 | 3 | 1.22 | <10 | <1 | 0.26 | 40 | 0.04 | 409 | 1 | <0.01 |
| M171110 | | <2 | 0.27 | <0.5 | 5 | 57 | 8 | 1.30 | <10 | <1 | 0.24 | 30 | 0.08 | 276 | <1 | 0.01 |
| M171111 | | <2 | 0.04 | <0.5 | 3 | 95 | 1 | 0.79 | <10 | <1 | 0.15 | 30 | 0.04 | 183 | <1 | 0.02 |
| M171112 | | <2 | 0.03 | <0.5 | 3 | 87 | 3 | 0.95 | <10 | <1 | 0.18 | 40 | 0.06 | 178 | <1 | 0.02 |
| M171113 | | <2 | 0.04 | <0.5 | 3 | 83 | 1 | 0.83 | <10 | <1 | 0.16 | 30 | 0.07 | 215 | <1 | 0.01 |
| M171114 | | <2 | 0.10 | <0.5 | 4 | 82 | 1 | 0.79 | <10 | <1 | 0.20 | 30 | 0.07 | 311 | <1 | 0.01 |
| M171115 | | <2 | 0.11 | <0.5 | 4 | 76 | 2 | 0.84 | <10 | <1 | 0.20 | 40 | 0.07 | 230 | <1 | 0.02 |
| M171116 | | <2 | 0.04 | <0.5 | 3 | 80 | 2 | 0.92 | <10 | <1 | 0.19 | 40 | 0.06 | 229 | <1 | 0.02 |
| M171117 | | <2 | 0.02 | <0.5 | 4 | 99 | 5 | 0.85 | <10 | <1 | 0.24 | 20 | 0.03 | 246 | <1 | 0.01 |
| M171118 | | <2 | 0.01 | <0.5 | 4 | 88 | 10 | 0.86 | <10 | <1 | 0.21 | 30 | 0.02 | 196 | <1 | 0.01 |
| M171119 | | <2 | 0.04 | <0.5 | 5 | 74 | 4 | 0.94 | <10 | <1 | 0.23 | 20 | 0.03 | 254 | <1 | <0.01 |
| M171120 | | <2 | 0.02 | <0.5 | 3 | 148 | 6 | 0.79 | <10 | <1 | 0.17 | 20 | 0.03 | 239 | 1 | 0.01 |
| M171121 | | <2 | 0.02 | <0.5 | 2 | 122 | 6 | 0.75 | <10 | <1 | 0.18 | 30 | 0.06 | 115 | 1 | 0.02 |
| M171122 | | <2 | 0.02 | <0.5 | 2 | 126 | 22 | 0.78 | <10 | <1 | 0.13 | 20 | 0.02 | 56 | 2 | 0.03 |
| M171123 | | <2 | 0.04 | <0.5 | 4 | 95 | 6 | 0.96 | <10 | <1 | 0.24 | 30 | 0.03 | 283 | <1 | 0.01 |
| M171124 | | <2 | 0.03 | <0.5 | 3 | 50 | 3 | 0.74 | <10 | <1 | 0.20 | 30 | 0.07 | 195 | <1 | 0.01 |
| M171125 | | <2 | 0.04 | <0.5 | 3 | 65 | 2 | 0.84 | <10 | <1 | 0.20 | 30 | 0.08 | 259 | <1 | 0.02 |
| M171126 | | <2 | 0.90 | 3.0 | 19 | 26 | 167 | 3.43 | 10 | <1 | 0.24 | <10 | 0.83 | 710 | 28 | 0.04 |
| M171127 | | <2 | 0.03 | <0.5 | 3 | 52 | 3 | 0.84 | <10 | <1 | 0.22 | 30 | 0.10 | 202 | <1 | 0.01 |
| M171128 | | <2 | 0.05 | <0.5 | 3 | 64 | 3 | 0.78 | <10 | <1 | 0.19 | 30 | 0.04 | 183 | <1 | 0.01 |
| M171129 | | <2 | 0.06 | <0.5 | 3 | 73 | 7 | 0.76 | <10 | <1 | 0.22 | 30 | 0.07 | 227 | 1 | 0.01 |
| M171130 | | <2 | 0.01 | <0.5 | 3 | 80 | 7 | 0.69 | <10 | <1 | 0.21 | 30 | 0.03 | 228 | <1 | 0.01 |
| M171131 | | <2 | 0.05 | <0.5 | 4 | 61 | 2 | 0.87 | <10 | <1 | 0.22 | 40 | 0.06 | 222 | <1 | 0.01 |
| M171132 | | <2 | 0.03 | <0.5 | 3 | 96 | 10 | 0.72 | <10 | <1 | 0.15 | 30 | 0.06 | 225 | <1 | 0.02 |
| M171133 | | <2 | 0.06 | <0.5 | 3 | 82 | 5 | 0.78 | <10 | <1 | 0.17 | 40 | 0.09 | 232 | <1 | 0.02 |
| M171134 | | <2 | 0.06 | <0.5 | 4 | 65 | 5 | 0.89 | <10 | <1 | 0.18 | 30 | 0.12 | 218 | <1 | 0.01 |
| M171135 | | <2 | 0.10 | <0.5 | 3 | 89 | 3 | 0.73 | <10 | <1 | 0.16 | 40 | 0.11 | 229 | <1 | 0.01 |
| M171136 | | <2 | 0.02 | <0.5 | 3 | 108 | 10 | 0.71 | <10 | <1 | 0.14 | 40 | 0.03 | 196 | 1 | 0.01 |
| M171137 | | <2 | 0.04 | <0.5 | 2 | 106 | 9 | 0.67 | <10 | <1 | 0.14 | 30 | 0.06 | 177 | 1 | 0.02 |
| M171138 | | <2 | 0.06 | <0.5 | 3 | 74 | 5 | 0.73 | <10 | <1 | 0.15 | 30 | 0.08 | 187 | 1 | 0.02 |
| M171139 | | <2 | 0.03 | <0.5 | 3 | 63 | 5 | 0.78 | <10 | <1 | 0.15 | 30 | 0.06 | 166 | <1 | 0.02 |
| M171140 | | <2 | 0.03 | <0.5 | 3 | 75 | 3 | 0.72 | <10 | <1 | 0.13 | 30 | 0.03 | 191 | <1 | 0.02 |
| M171141 | | <2 | 0.04 | <0.5 | 3 | 73 | 2 | 0.78 | <10 | <1 | 0.14 | 30 | 0.04 | 217 | <1 | 0.02 |
| M171142 | | <2 | 0.05 | <0.5 | 3 | 70 | 2 | 0.74 | <10 | <1 | 0.15 | 30 | 0.03 | 317 | <1 | 0.02 |
| M171143 | | <2 | 0.05 | <0.5 | 4 | 48 | 3 | 0.82 | <10 | <1 | 0.17 | 40 | 0.11 | 276 | <1 | 0.01 |

Comments: NSS is non-sufficient sample.



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CERTIFICATE OF ANALYSIS VA03036801

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------------|-----------------|------------------|----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|
| | | Bi ppm 2 | Ca % 0.01 | Cd ppm 0.5 | Co ppm 1 | Cr ppm 1 | Cu ppm 1 | Fe % 0.01 | Ga ppm 10 | Hg ppm 1 | K % 0.01 | La ppm 10 | Mg % 0.01 | Mn ppm 5 | Mo ppm 1 | Na % 0.01 |
| M171144 | | <2 | 0.05 | <0.5 | 4 | 44 | 3 | 1.30 | <10 | <1 | 0.21 | 40 | 0.05 | 325 | <1 | 0.01 |
| M171145 | | <2 | 0.09 | <0.5 | 4 | 39 | 3 | 1.20 | <10 | <1 | 0.20 | 30 | 0.15 | 291 | <1 | 0.01 |
| M171146 | | <2 | 0.03 | <0.5 | 3 | 104 | 4 | 0.93 | <10 | <1 | 0.14 | 30 | 0.06 | 256 | <1 | 0.02 |
| M171147 | | <2 | 0.02 | <0.5 | 2 | 128 | 7 | 0.61 | <10 | <1 | 0.07 | 20 | 0.03 | 128 | <1 | 0.03 |
| M171148 | | <2 | 0.03 | <0.5 | 4 | 60 | 9 | 1.06 | <10 | <1 | 0.19 | 50 | 0.04 | 261 | 2 | 0.01 |
| M171149 | | <2 | 0.05 | <0.5 | 3 | 78 | 5 | 0.89 | <10 | <1 | 0.14 | 20 | 0.08 | 252 | <1 | 0.02 |
| M171150 | | <2 | 0.02 | <0.5 | <1 | 37 | 34 | 2.78 | <10 | <1 | 0.30 | 30 | 0.03 | 43 | 3 | 0.01 |
| M171151 | | <2 | 0.05 | <0.5 | 5 | 63 | 3 | 0.86 | <10 | <1 | 0.19 | 40 | 0.09 | 269 | <1 | 0.02 |

Comments: NSS is non-sufficient sample.



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Account: NJY

Project : Z-03-13

CERTIFICATE OF ANALYSIS VA03036801

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|----------------|---------------|----------------|----------------|
| | | Ni ppm 1 | P ppm 10 | Pb ppm 2 | S % 0.01 | Sb ppm 2 | Sc ppm 1 | Sr ppm 1 | Ti % 0.01 | Ti ppm 10 | U ppm 10 | V ppm 1 | W ppm 10 | Zn ppm 2 |
| M171104 | | 7 | 250 | 31 | 0.02 | 97 | 7 | 74 | <0.01 | <10 | <10 | 11 | <10 | 18 |
| M171105 | | 2 | 70 | 27 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 8 |
| M171106 | | 3 | 150 | 21 | 0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 18 |
| M171107 | | 3 | 110 | 8 | 0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 13 |
| M171108 | | 4 | 160 | 9 | 0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 18 |
| M171109 | | 5 | 300 | 13 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 18 |
| M171110 | | 6 | 520 | 4 | 0.01 | <2 | 1 | 15 | <0.01 | <10 | <10 | 3 | <10 | 30 |
| M171111 | | 3 | 150 | 3 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 16 |
| M171112 | | 4 | 110 | 11 | 0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 18 |
| M171113 | | 4 | 140 | 6 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 17 |
| M171114 | | 4 | 260 | 3 | <0.01 | <2 | 1 | 9 | <0.01 | <10 | <10 | 2 | <10 | 21 |
| M171115 | | 5 | 180 | 8 | <0.01 | <2 | 1 | 10 | <0.01 | <10 | <10 | 2 | <10 | 22 |
| M171116 | | 4 | 180 | 4 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 19 |
| M171117 | | 4 | 140 | 6 | 0.06 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 10 |
| M171118 | | 3 | 160 | 8 | 0.14 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 9 |
| M171119 | | 5 | 270 | 11 | 0.31 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 11 |
| M171120 | | 4 | 100 | 9 | 0.07 | <2 | 1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 14 |
| M171121 | | 4 | 110 | 7 | 0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 24 |
| M171122 | | 2 | 100 | 10 | 0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 16 |
| M171123 | | 4 | 230 | 11 | 0.02 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 23 |
| M171124 | | 3 | 190 | 4 | 0.02 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 20 |
| M171125 | | 4 | 160 | 4 | <0.01 | <2 | 1 | 9 | <0.01 | <10 | <10 | 2 | <10 | 22 |
| M171126 | | 17 | 580 | 36 | 1.18 | <2 | 7 | 45 | 0.07 | <10 | <10 | 69 | <10 | 112 |
| M171127 | | 4 | 160 | 9 | 0.06 | <2 | 1 | 9 | <0.01 | <10 | <10 | 2 | <10 | 17 |
| M171128 | | 3 | 290 | 4 | 0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 17 |
| M171129 | | 4 | 270 | 7 | 0.10 | <2 | 1 | 9 | <0.01 | <10 | <10 | 2 | <10 | 14 |
| M171130 | | 3 | 100 | 10 | 0.06 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 11 |
| M171131 | | 4 | 210 | 4 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 23 |
| M171132 | | 4 | 120 | 3 | 0.01 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 19 |
| M171133 | | 4 | 150 | 2 | 0.01 | <2 | 1 | 9 | <0.01 | <10 | <10 | 2 | <10 | 20 |
| M171134 | | 4 | 180 | 9 | 0.01 | <2 | 1 | 9 | <0.01 | <10 | <10 | 2 | <10 | 23 |
| M171135 | | 3 | 130 | <2 | 0.01 | <2 | 1 | 10 | <0.01 | <10 | <10 | 2 | <10 | 21 |
| M171136 | | 3 | 150 | 9 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 19 |
| M171137 | | 3 | 120 | 19 | 0.04 | <2 | <1 | 5 | <0.01 | <10 | <10 | 1 | <10 | 18 |
| M171138 | | 4 | 120 | 6 | 0.02 | <2 | <1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 24 |
| M171139 | | 4 | 120 | 4 | 0.01 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 16 |
| M171140 | | 4 | 100 | 2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 15 |
| M171141 | | 3 | 120 | 3 | <0.01 | <2 | 1 | 5 | 0.01 | <10 | <10 | 2 | <10 | 15 |
| M171142 | | 4 | 180 | 3 | 0.01 | <2 | 1 | 9 | <0.01 | <10 | <10 | 2 | <10 | 15 |
| M171143 | | 4 | 150 | 3 | <0.01 | <2 | 1 | 13 | <0.01 | <10 | <10 | 2 | <10 | 20 |

Comments: NSS is non-sufficient sample.



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Total # of pages : 3 (A - C)
Date : 1-Oct-2003
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Project : Z-03-13

CERTIFICATE OF ANALYSIS VA03036801

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|-----------|----------|-----------|----------|----------|----------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Ti | U | V | W | Zn |
| | | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 | ppm 1 | ppm 1 | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| M171144 | | 6 | 330 | 2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 25 |
| M171145 | | 5 | 440 | 4 | 0.01 | <2 | 1 | 18 | <0.01 | <10 | <10 | 2 | <10 | 26 |
| M171146 | | 4 | 120 | 8 | 0.03 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 18 |
| M171147 | | 2 | 100 | 2 | 0.02 | <2 | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 9 |
| M171148 | | 5 | 180 | 7 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 32 |
| M171149 | | 4 | 130 | 6 | 0.02 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 19 |
| M171150 | | 6 | 250 | 30 | 0.02 | 92 | 7 | 77 | <0.01 | <10 | <10 | 11 | <10 | 16 |
| M171151 | | 5 | 140 | 3 | <0.01 | <2 | 1 | 8 | <0.01 | <10 | <10 | 3 | <10 | 24 |

Comments: NSS is non-sufficient sample.



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Account: NJY

CERTIFICATE VA03036749

Project : Z-03-13

P.O. No:

This report is for 25 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 19-Sep-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-21 | Crush entire sample 70% < 6 mm |
| PUL-21 | Pulverize entire sample |
| LOG-24 | Pulp Login - Rcd w/o Barcode |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
104-135 10TH AVE S
CRANBROOK BC V1C 2N1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



ALS Chemex

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Page #: 2 - A
Total # of pages : 2 (A - C)
Date : 1-Oct-2003
Account: NJY

Project : Z-03-13

CERTIFICATE OF ANALYSIS VA03036749

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M171079 | | 2.58 | 0.13 | 7.32 | 0.10 | 0.087 | 11.89 | 2487 | 0.13 | 0.06 | <0.2 | 0.30 | 2 | <10 | 160 | <0.5 |
| M171080 | | 0.82 | 0.17 | 7.53 | 0.14 | 0.021 | 2.79 | 795.3 | 0.25 | 0.03 | 0.2 | 0.22 | 2 | <10 | 360 | <0.5 |
| M171081 | | 1.48 | 0.42 | 3.29 | 0.39 | 0.053 | 16.12 | 1391.0 | 0.41 | 0.37 | <0.2 | 0.24 | 2 | <10 | 700 | <0.5 |
| M171082 | | 1.22 | 0.08 | 0.51 | 0.08 | 0.004 | 7.89 | 1151.0 | 0.07 | 0.08 | 0.2 | 0.27 | <2 | <10 | 350 | <0.5 |
| M171083 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 0.64 | 0.73 | 2.6 | 2.02 | 3 | 10 | 40 | 0.5 |
| M171084 | | 1.92 | 0.13 | 3.69 | 0.09 | 0.066 | 17.91 | 1812.5 | 0.05 | 0.13 | <0.2 | 0.28 | <2 | <10 | 210 | <0.5 |
| M171085 | | 2.50 | <0.05 | 0.63 | <0.05 | 0.008 | 12.80 | 1249.0 | 0.01 | 0.02 | <0.2 | 0.25 | <2 | <10 | 70 | <0.5 |
| M171086 | | 1.30 | 0.23 | 2.48 | 0.13 | 0.026 | 10.50 | 241.6 | 0.10 | 0.16 | 0.2 | 0.22 | <2 | <10 | 90 | <0.5 |
| M171087 | | 1.04 | 0.09 | 3.61 | 0.08 | 0.015 | 4.15 | 989.0 | 0.02 | 0.13 | <0.2 | 0.27 | <2 | <10 | 70 | <0.5 |
| M171088 | | 1.80 | <0.05 | <0.05 | <0.05 | <0.001 | 29.59 | 1688.5 | <0.01 | 0.01 | <0.2 | 0.26 | <2 | <10 | 60 | <0.5 |
| M171089 | | 1.22 | 0.06 | 0.38 | 0.06 | 0.003 | 7.82 | 1178.0 | 0.05 | 0.06 | 0.5 | 0.27 | <2 | <10 | 140 | <0.5 |
| M171090 | | 1.18 | 0.19 | 0.55 | 0.19 | 0.006 | 10.84 | 1136.0 | 0.22 | 0.15 | 0.4 | 0.27 | <2 | <10 | 100 | <0.5 |
| M171091 | | 2.16 | <0.05 | 0.06 | <0.05 | 0.001 | 16.98 | 2036 | 0.01 | <0.01 | <0.2 | 0.26 | <2 | <10 | 180 | <0.5 |
| M171092 | | 2.90 | 0.05 | <0.05 | 0.05 | <0.001 | 14.96 | 2794 | 0.03 | 0.07 | <0.2 | 0.28 | <2 | <10 | 110 | <0.5 |
| M171093 | | 2.54 | <0.05 | <0.05 | 0.05 | <0.001 | 13.44 | 2441 | 0.01 | 0.08 | <0.2 | 0.35 | 2 | <10 | 130 | <0.5 |
| M171094 | | 2.36 | <0.05 | <0.05 | <0.05 | <0.001 | 14.58 | 2190 | 0.01 | 0.05 | <0.2 | 0.25 | <2 | <10 | 100 | <0.5 |
| M171095 | | 2.36 | 0.07 | 0.44 | 0.07 | 0.006 | 13.53 | 2278 | 0.02 | 0.11 | 0.2 | 0.29 | <2 | <10 | 90 | <0.5 |
| M171096 | | 2.52 | <0.05 | 0.77 | <0.05 | 0.008 | 10.42 | 2438 | 0.01 | <0.01 | <0.2 | 0.30 | <2 | <10 | 150 | <0.5 |
| M171097 | | 2.52 | 0.07 | <0.05 | 0.08 | <0.001 | 13.45 | 2405 | 0.12 | 0.03 | 0.2 | 0.33 | <2 | <10 | 130 | <0.5 |
| M171098 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 2.96 | 2.94 | <0.2 | 0.84 | 2330 | 10 | 160 | 1.2 |
| M171099 | | 2.54 | <0.05 | <0.05 | <0.05 | <0.001 | 12.65 | 2454 | 0.01 | 0.05 | <0.2 | 0.29 | 4 | <10 | 130 | <0.5 |
| M171100 | | 2.78 | 0.12 | 2.87 | 0.10 | 0.062 | 21.60 | 2644 | 0.02 | 0.17 | 0.3 | 0.31 | 2 | <10 | 170 | <0.5 |
| M171101 | | 2.32 | 0.65 | 21.8 | 0.55 | 0.237 | 10.86 | 2209 | 0.61 | 0.49 | 0.7 | 0.33 | 2 | <10 | 210 | 0.5 |
| M171102 | | 2.48 | 0.05 | 1.09 | 0.05 | 0.014 | 12.83 | 2391 | 0.07 | 0.02 | <0.2 | 0.32 | <2 | <10 | 350 | <0.5 |
| M171103 | | 2.00 | 0.10 | 4.54 | 0.09 | 0.021 | 4.63 | 1943.5 | 0.11 | 0.06 | <0.2 | 0.32 | <2 | <10 | 230 | <0.5 |

Comments: NSS is non-sufficient sample.



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Page #: 2 - B
Total # of pages : 2 (A - C)
Date : 1-Oct-2003
Account: NJY

Project : Z-03-13

CERTIFICATE OF ANALYSIS VA03036749

| Method Analyte Units LOR | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 |
|-----------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| Sample Description | | | | | | | | | | | | | | | |
| M171079 | <2 | 0.02 | <0.5 | 3 | 108 | 3 | 0.91 | <10 | <1 | 0.19 | 40 | 0.03 | 245 | <1 | 0.01 |
| M171080 | <2 | 0.01 | <0.5 | 2 | 207 | 4 | 0.75 | <10 | <1 | 0.15 | 30 | 0.02 | 184 | <1 | 0.01 |
| M171081 | <2 | <0.01 | <0.5 | 6 | 159 | 10 | 1.27 | <10 | <1 | 0.17 | 40 | 0.02 | 886 | <1 | <0.01 |
| M171082 | <2 | 0.01 | <0.5 | 6 | 117 | 6 | 1.63 | <10 | <1 | 0.16 | 50 | 0.02 | 1045 | <1 | 0.01 |
| M171083 | <2 | 1.10 | <0.5 | 18 | 14 | 6940 | 4.75 | 20 | <1 | 0.24 | 10 | 1.78 | 789 | 3 | 0.15 |
| M171084 | <2 | 0.01 | <0.5 | 4 | 54 | 14 | 1.00 | <10 | <1 | 0.15 | 30 | 0.02 | 457 | <1 | 0.01 |
| M171085 | <2 | 0.01 | <0.5 | 3 | 137 | 2 | 0.86 | <10 | <1 | 0.13 | 30 | 0.03 | 150 | <1 | 0.02 |
| M171086 | <2 | 0.01 | <0.5 | 3 | 140 | 6 | 0.95 | <10 | <1 | 0.14 | 20 | 0.02 | 241 | 1 | 0.01 |
| M171087 | <2 | 0.01 | <0.5 | 3 | 177 | 3 | 1.04 | <10 | <1 | 0.14 | 30 | 0.02 | 182 | <1 | 0.02 |
| M171088 | <2 | 0.01 | <0.5 | 3 | 119 | 2 | 0.88 | <10 | <1 | 0.11 | 30 | 0.03 | 103 | 1 | 0.01 |
| M171089 | <2 | 0.05 | <0.5 | 6 | 123 | 4 | 1.28 | <10 | <1 | 0.18 | 40 | 0.03 | 363 | 1 | 0.01 |
| M171090 | <2 | 0.05 | <0.5 | 5 | 125 | 22 | 1.34 | <10 | <1 | 0.19 | 40 | 0.03 | 309 | 2 | 0.01 |
| M171091 | <2 | 0.06 | <0.5 | 5 | 66 | 7 | 1.07 | <10 | <1 | 0.17 | 40 | 0.03 | 272 | <1 | 0.01 |
| M171092 | <2 | 0.04 | <0.5 | 5 | 132 | 5 | 1.02 | <10 | <1 | 0.17 | 40 | 0.03 | 335 | <1 | 0.01 |
| M171093 | <2 | 0.07 | <0.5 | 6 | 101 | 2 | 1.23 | <10 | <1 | 0.21 | 40 | 0.04 | 304 | <1 | 0.01 |
| M171094 | <2 | 0.05 | <0.5 | 5 | 63 | 2 | 1.16 | <10 | <1 | 0.14 | 30 | 0.03 | 278 | <1 | 0.01 |
| M171095 | <2 | 0.03 | <0.5 | 5 | 142 | 2 | 0.99 | <10 | <1 | 0.19 | 40 | 0.03 | 236 | <1 | 0.02 |
| M171096 | <2 | 0.04 | <0.5 | 6 | 90 | 2 | 1.24 | <10 | <1 | 0.19 | 40 | 0.04 | 358 | 1 | 0.01 |
| M171097 | <2 | 0.07 | <0.5 | 7 | 78 | 2 | 1.30 | <10 | <1 | 0.20 | 40 | 0.03 | 384 | <1 | 0.01 |
| M171098 | <2 | 0.02 | <0.5 | <1 | 41 | 35 | 2.91 | <10 | <1 | 0.33 | 40 | 0.03 | 44 | 3 | 0.01 |
| M171099 | <2 | 0.11 | <0.5 | 5 | 102 | 1 | 1.30 | <10 | <1 | 0.19 | 30 | 0.05 | 388 | 1 | 0.01 |
| M171100 | <2 | 0.14 | <0.5 | 7 | 90 | 3 | 1.50 | <10 | <1 | 0.21 | 40 | 0.06 | 473 | 2 | 0.01 |
| M171101 | 2 | 0.06 | <0.5 | 8 | 82 | 9 | 1.82 | <10 | <1 | 0.23 | 40 | 0.03 | 570 | 4 | <0.01 |
| M171102 | <2 | 0.10 | <0.5 | 6 | 111 | 6 | 1.68 | <10 | <1 | 0.19 | 30 | 0.04 | 403 | 1 | 0.01 |
| M171103 | <2 | 0.15 | <0.5 | 6 | 139 | 3 | 1.48 | <10 | <1 | 0.20 | 30 | 0.06 | 646 | <1 | 0.02 |

Comments: NSS is non-sufficient sample.



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Page #: 2 - C
Total # of pages : 2 (A - C)
Date : 1-Oct-2003
Account: NJY

Project : Z-03-13

CERTIFICATE OF ANALYSIS VA03036749

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 | ME-ICP41 Ti % 0.01 | ME-ICP41 Ti ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 |
|--------------------|-----------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|
| M171079 | | 4 | 160 | 6 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 21 |
| M171080 | | 4 | 80 | 4 | 0.05 | <2 | <1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 10 |
| M171081 | | 7 | 130 | 18 | 0.03 | <2 | 1 | 6 | <0.01 | <10 | <10 | 1 | <10 | 12 |
| M171082 | | 7 | 150 | 4 | 0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 37 |
| M171083 | | 14 | 1820 | 4 | 0.10 | <2 | 13 | 78 | 0.26 | <10 | <10 | 226 | <10 | 48 |
| M171084 | | 4 | 140 | 5 | 0.05 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 17 |
| M171085 | | 4 | 120 | 3 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 23 |
| M171086 | | 3 | 100 | 20 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 14 |
| M171087 | | 4 | 130 | 10 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 22 |
| M171088 | | 4 | 130 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 21 |
| M171089 | | 7 | 230 | 34 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 32 |
| M171090 | | 6 | 280 | 72 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 32 |
| M171091 | | 6 | 290 | 2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 30 |
| M171092 | | 6 | 220 | 10 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 30 |
| M171093 | | 7 | 400 | 7 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 32 |
| M171094 | | 6 | 300 | 11 | <0.01 | <2 | 1 | 4 | 0.01 | <10 | <10 | 3 | <10 | 33 |
| M171095 | | 5 | 170 | 7 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 3 | <10 | 25 |
| M171096 | | 6 | 190 | 20 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 33 |
| M171097 | | 7 | 390 | 12 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 40 |
| M171098 | | 7 | 270 | 32 | 0.02 | 91 | 8 | 85 | <0.01 | <10 | <10 | 12 | <10 | 15 |
| M171099 | | 7 | 290 | 12 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 31 |
| M171100 | | 8 | 470 | 93 | <0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 37 |
| M171101 | | 8 | 460 | 395 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 44 |
| M171102 | | 7 | 540 | 38 | 0.02 | <2 | 1 | 6 | 0.01 | <10 | <10 | 3 | <10 | 39 |
| M171103 | | 7 | 370 | 76 | <0.01 | <2 | 1 | 7 | <0.01 | <10 | <10 | 3 | <10 | 34 |

Comments: NSS is non-sufficient sample.

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-14

LENGTH: 169.5 M.

| | | | |
|----------------------------------|-------------------------------|-------------------------|-------------------------------|
| PROPERTY: Zinger | | HORI. COMP: 119.85 | DRILL CONTRACTOR: Lone Ranger |
| LOCATION: Ridge above Hart Lake. | | VERT. COMP: 119.85 | |
| COMMENCED: September 10, 2003 | COMPLETED: September 22, 2003 | CORR. DIP: -45° | CORE SIZE: NQ |
| COORDS: Long. | Lat. | TRUE BEARING: 324° | CASING: 3.3 meters |
| COORDS: UTM (E) 560271 | (N) 5476596 (EL.) | % RECOVERY: | CORE STORAGE: Vine Property |
| COORDS: Grid (E) | (N) (EL.) | LOGGED DATE: Sept. 2003 | |
| ELEVATION: 2240 | COLLAR: Dip: -45° Azi: 324° | LOGGED BY: D.L. Pighin | |
| OBJECTIVE: | | | |
| SURVEYS: Depth: | Dip: Azi: | Type: | |
| ADDITIONAL SURVEYS: | | | |
| Depth: | Dip: Azi: | | |

| From | To | LITHOLOGY: Quartzite |
|------|-----|--|
| 3.3 | 8.0 | COLOR: Quartzites are light maroon finely parallel banded by white; generally speckled brown. |
| | | PRIMARY STRUCTURE: Medium bedded, bedding is distinct, quartzite are medium grained. Bedding to core 10°. |
| | | TECTONIC STRUCTURE: Nil. |
| | | GENERAL ALTERATION: Regional silicification and sericitization, scattered patches of liesegang alteration. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Nil |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | LITHOLOGY: Argillite interbedded siltstone, minor quartzite. |
|------|------|---|
| 8.0 | 20.0 | COLOR: Light gray with wispy dark purplish gray bands and lenses. |
| | | PRIMARY STRUCTURE: Thin to very thin bedded, bedding is distinct, wavy to distorted, sediments are strongly current laminated ie., Ripples cross bedding, complicated by subaerial exposure structures (ie) mud chip breccias, cut and fill channels, and soft sediments compaction structures such as Ball and Pillow structures, flame structures, thin clastic dykes (sand). This unit correlates with unit in hole Z03-13 @ 45.0 - 54.0. Bedding to core at 15.5 = 38°. |
| | | TECTONIC STRUCTURE: Possible gouge zone cuts core at 47. might be just a decomposed argillite bed? |
| | | GENERAL ALTERATION: Regional. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Nil. |
| | | ADDITIONAL OBSERVATIONS: |

27.340

GEOLOGICAL SURVEY BRANCH
REPORT

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z-03-14
 LENGTH: 169.5 M.

| From | To | LITHOLOGY: Quartzites, lesser interbedded argillite (unit approximately 30% argillite). |
|------|------|--|
| 20.0 | 65.5 | COLOR: Light maroon marked by dark maroon mottling and lineation, argillite generally light apple green. |
| | | PRIMARY STRUCTURE: Thin to very thin bedded, rare medium beds, bedding is sharp wavy to flat. Quartzite are commonly finely parallel laminated, but locally laminations are crumpled. Quartzites in general are very fine grained, argillites are generally distorted by soft sediment deformation structures, bedding to core at 20.0 = 29°, at 35.0 = 23°, at 45.0 = 40°, at 47.5 = 25°, at 62.0 = 30°. |
| | | TECTONIC STRUCTURE: Thin quartz- limonite filled fractures occur throughout this unit. The dominate fracture cuts core at 45° to 50°, which is generally normal to bedding lesser fracture at 20° and 28° to core, rarely parallel. |
| | | GENERAL ALTERATION: Generally regional silicification and sericitization, in areas of fracture mineralization some thin streaks of yellow sericitization, late patches of liesegang alteration occurs throughout this unit. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Mineralization occurs as limonite after pyrite and siderite in 2 mm to 10 mm thick veinlets. The quartz veins are typically drusy, vugs are always lined by clear quartz crystals. In general quartz veining is very weak rarely more than 2 veinlets per 20 cm of core. 26.5 – 27.5 quartz – limonite veins are abundant ie: 10 veinlets per 10 cm of core. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| STND | | | 7 P A | M 171155 | * | 2.74 | <0.2 | 2350 | 30 | 15 | 34 |
| 25.6 | 26.5 | 0 | Rare quartz-limonite veinlets. | M 171156 | 0.5 | <0.05 | <0.2 | 12 | 8 | 24 | 3 |
| 26.5 | 27 | 0 | Abundant quartz - limonite after pyrite veinlets. | M 171157 | 0.5 | <0.05 | <0.2 | 4 | 11 | 23 | 5 |
| 27 | 27.5 | 0 | Abundant quartz - limonite after pyrite veinlets. | M 171158 | 0.5 | <0.05 | <0.2 | 4 | 18 | 19 | 8 |
| 27.5 | 28.5 | 0 | Rare limonite quartz veinlets. | M 171159 | 1 | <0.05 | <0.2 | 2 | 10 | 27 | 2 |
| 28.5 | 29.5 | 0 | Rare limonite quartz veinlets. | M 171160 | 1 | <0.05 | <0.2 | 3 | 6 | 18 | 4 |
| 29.5 | 30.5 | 0 | " " | M 171161 | 1 | <0.05 | <0.2 | 2 | <2 | 19 | 2 |
| 30.5 | 31.5 | 0 | " " | M 171162 | 1 | <0.05 | <0.2 | 4 | 5 | 14 | 5 |
| 31.5 | 32 | 0 | Quartz - limonite veinlets a little more abundant. | M 171163 | 0.5 | 0.7 | <0.2 | 2 | 237 | 11 | 31 |
| 32 | 32.5 | 0 | Quartz - limonite veinlets a little more abundant. | M 171164 | 0.5 | <0.05 | 0.2 | 3 | 317 | 30 | 36 |
| 32.5 | 33 | 0 | Quartz - limonite veinlets a little more abundant. | M 171165 | 0.5 | <0.05 | <0.2 | 2 | 9 | 23 | 8 |
| 33 | 34 | 0 | Rare veinlets of limonite and quartz. | M 171166 | 1 | <0.05 | <0.2 | 2 | 3 | 29 | 2 |
| 34 | 35 | 0 | Rare veinlets of limonite and quartz. | M 171167 | 1 | <0.05 | <0.2 | 3 | 12 | 17 | 6 |
| 50 | 51 | 0 | Rare veinlets of limonite and quartz. | M 171168 | 1 | 0.19 | <0.2 | 3 | 31 | 8 | 7 |
| 51 | 52 | 0 | Rare veinlets of limonite and quartz. | M 171169 | 1 | <0.05 | <0.2 | <2 | 6 | 26 | 5 |
| 52 | 53 | 0 | | M 171170 | 1 | <0.05 | <0.2 | <2 | <2 | 25 | 3 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-14

LENGTH: 169.5 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|----|------------|----------|------------|-------|--------|--------|--------|--------|--------|--------|
| 53 | 54 | 0 | | M 171171 | 1 | <0.05 | <0.2 | <2 | 4 | 12 | 2 |
| STND | | 0 | / P A | M 171172 | - | 2.89 | <0.2 | 2390 | 31 | 15 | 34 |
| 54 | 55 | 0 | | M 171173 | 1 | <0.05 | <0.2 | 9 | 3 | 21 | 1 |
| 55 | 56 | 0 | | M 171174 | 1 | <0.05 | <0.2 | 5 | 6 | 14 | 2 |
| 56 | 57 | 0 | | M 171175 | 1 | <0.05 | <0.2 | 3 | 9 | 14 | 7 |
| 57 | 58 | 0 | | M 171176 | 1 | <0.05 | <0.2 | 4 | 8 | 16 | 3 |
| 58 | 59 | 0 | | M 171177 | 1 | <0.05 | <0.2 | 3 | <2 | 19 | 1 |

| | | |
|------|------|---|
| From | To | LITHOLOGY: Mud – chip fragmental, unit is mainly argillite. |
| 65.5 | 69.7 | COLOR: Mottled grey, dark gray and light gray. |
| | | PRIMARY STRUCTURE: Massive, clasts are elongated, with long axis subparallel to bedding, clasts range in size from 2 mm to 30 mm., clasts are generally matrix supported. |
| | | TECTONIC STRUCTURE: Nil |
| | | GENERAL ALTERATION: Regional. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Nil |
| | | ADDITIONAL OBSERVATIONS: |

| | | |
|------|------|--|
| From | To | LITHOLOGY: Quartzite, interbedded siltstone and argillite, unit is approximately 60% quartzite and 20% siltstone and 20% argillite. |
| 69.7 | 80.7 | COLOR: Quartzites are generally maroon with dark maroon lineation and mottling, argillite beds are light apple green. |
| | | PRIMARY STRUCTURE: Medium to thin bedded, bedding is sharp and generally wavy and rarely flat, quartzites are fine grained, commonly parallel laminated, rare crenulated laminations. Argillite, are generally distorted due to soft sediment deformation. Bedding to core at 80.0 m = 24°. |
| | | TECTONIC STRUCTURE: Widely scattered veinlets at 52° to core axis, and locally parallel to core axis. |
| | | GENERAL ALTERATION: Regional silicification and sericitization; some late specklings of limonite after Fe Ca. Some late wispy and discontinuous thin bands of yellow sericite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: 82.0 to 84.0 Quartz – specularite vein 1.5 cm thick parallels core axis. (abundant specularite). Rare and widely scattered quartz – limonite veinlets rarely more than 1 cm thick. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|----|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 81 | 82 | 0 | Quartz veins subparallel to core with abundant specularite. | M 171211 | 1 | <0.05 | <0.2 | <2 | 2 | 19 | 3 |
| 82 | 83 | 0 | Quartz veins subparallel to core with abundant specularite. | M 171212 | 1 | <0.05 | <0.2 | 2 | 2 | 27 | 4 |
| 83 | 84 | 0 | Quartz veins subparallel to core with abundant specularite. | M 171213 | 1 | <0.05 | <0.2 | <2 | 2 | 18 | 7 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z-03-14
LENGTH: 169.5 M.

| From | To | LITHOLOGY: Argillite, interbedded siltstone, and mud chip breccia beds. |
|------|-------|--|
| 97.0 | 102.5 | COLOR: Gray, wispy band light gray, dark gray and light greenish gray, all heavily speckled dark brown. |
| | | PRIMARY STRUCTURE: Thin to very thin bedded, bedding sharp and wavy, rarely flat. Mud chip breccia beds are formed by angular distorted argillite clasts from 4 mm to 30 mm in size. Argillite and siltstone beds are strongly distorted by soft sediment deformation. Bedding to core at 100.5 = 45°. |
| | | TECTONIC STRUCTURE: Nil. |
| | | GENERAL ALTERATION: 97.0 – 98.0 Argillite beds are decomposed to soft light green clay. (Surface weathering?) Late limonite and pyrolusite is heavily disseminated throughout this unit. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Very rare quartz – limonite veinlets are heavily disseminated limonite throughout. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 101 | 101.5 | 0 | Abundant disseminated limonite, rare limonite-quartz veinlets. | M 171178 | 0.5 | 0.3 | <0.2 | 3 | 9 | 63 | 6 |
| 101.5 | 102 | 0 | Abundant disseminated limonite, rare limonite-quartz veinlets. | M 171179 | 0.5 | <0.05 | <0.2 | 4 | 25 | 54 | 59 |
| 102 | 102.5 | 0 | Abundant disseminated limonite, rare limonite-quartz veinlets. | M 171180 | 0.5 | 0.13 | <0.2 | 2 | 93 | 14 | 39 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z-03-14
LENGTH: 169.5 M.

| From | To | LITHOLOGY: Quartzite interbedded argillite, and siltstone unit approx 50% quartzite. |
|-------|-------|--|
| 102.5 | 110.8 | COLOR: Quartzite and siltstone are generally light brown, argillite light green. |
| | | PRIMARY STRUCTURE: Thin bedded, bedding is distinct and sharp, generally distorted, quartzites are very fine grained. Bedding at 109.0 = 18°, Bedding at 106.0 = 38°. |
| | | TECTONIC STRUCTURE: 102.5 to 103.5 breccia zone contacts to core? 103.5 to 110.8 widely scattered fractures. |
| | | GENERAL ALTERATION: Oxidization due to surface weathering. Quartz-limonite fractures cut core at 52° and parallel to bedding from 103.5 to 110.8 |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: 102.5 to 103.5 breccia zone with dark brown limonite and watery gray quartz matrix, limonite is in part after pyrite. Veinlet zone below breccia zone 103.5 to 108.0 consists mainly of widely scattered thin (2mm to 4 mm) thick quartz – limonite veins which cut core at 52°. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 102.5 | 103 | 0 | Well developed breccia zone, matrix consists of dark brown limonite, and watery gray quartz. | M 171181 | 0.5 | 0.08 | 0.3 | 4 | 31 | 15 | 276 |
| 103 | 103.5 | 0 | Well developed breccia zone, matrix consists of dark brown limonite, and watery gray quartz. | M 171182 | 0.5 | 1.35 | 0.2 | 4 | 31 | 24 | 63 |
| 103.5 | 104 | 0 | Widely scattered thin 2 mm to 4 mm thick quartz limonite veinlets. | M 171183 | 0.5 | 0.26 | <0.2 | <2 | 26 | 6 | 45 |
| 104 | 104.5 | 0 | Widely scattered thin 2 mm to 4 mm thick quartz limonite veinlets. | M 171184 | 0.5 | 0.65 | <0.2 | 2 | 29 | 18 | 116 |
| 104.5 | 105 | 0 | Widely scattered thin 2 mm to 4 mm thick quartz limonite veinlets. | M 171185 | 0.5 | 0.23 | <0.2 | <2 | 3 | 15 | 45 |
| 105 | 106 | 0 | Widely scattered thin 2 mm to 4 mm thick quartz limonite veinlets. | M 171186 | 1 | 0.18 | <0.2 | <2 | <2 | 5 | 11 |
| 106 | 107 | 0 | Widely scattered thin 2 mm to 4 mm thick quartz limonite veinlets. | M 171187 | 1 | 0.09 | <0.2 | <2 | 3 | 8 | 18 |
| 107 | 108 | 0 | Widely scattered thin 2 mm to 4 mm thick quartz limonite veinlets. | M 171188 | 1 | <0.05 | <0.2 | 2 | <2 | 27 | 28 |
| STND | | 0 | 6 P A | M 171189 | * | NSS | 19 | 17 | 33 | 99 | 162 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z-03-14
LENGTH: 169.5 M.

| From | To | LITHOLOGY: Quartzite interbedded siltstone, minor argillite. Argillite less than 10% of unit. |
|-------|-------|--|
| 110.8 | 123.3 | COLOR: Gray siltstone and quartzite, argillite generally light green. |
| | | PRIMARY STRUCTURE: Medium to thin bedded, rarely very thin bedded, bedding is distinct and strongly distorted, by soft sediment deformation structures such as Ball and Pillow - Quartzite and siltstone are all generally fine grained. Bedding at 116.0 = 25°. |
| | | TECTONIC STRUCTURE: 114.8 to 115.8 Shearing with thin seams of gouge cut core axis at 6° to core axis and 31° to core axis (Dominant set). |
| | | GENERAL ALTERATION: Regional. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Very weak mineralization. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 120.5 | 121.5 | 0 | Widely scattered thin 2 mm to 4 mm thick quartz - limonite veinlets. | M 171190 | 0.5 | 0.11 | <0.2 | <2 | 3 | 8 | 12 |
| 121.5 | 122.5 | 0 | Widely scattered thin 2 mm to 4 mm thick quartz - limonite veinlets. | M 171191 | 1 | 0.34 | 0.2 | <2 | 12 | 3 | 4 |
| 122.5 | 123.5 | 0 | Widely scattered thin 2 mm to 4 mm thick quartz - limonite veinlets. | M 171192 | 1 | 0.24 | 0.3 | 2 | 7 | 9 | 20 |

| From | To | LITHOLOGY: Quartzite interbedded argillite (unit approximately 15% argillite). |
|-------|-------|---|
| 123.3 | 129.5 | COLOR: Quartzite are light maroon parallel banded by dark maroon, argillites mainly light green. |
| | | PRIMARY STRUCTURE: Medium to thin bedded, bedding is sharp, commonly distorted, quartzites are fine grained commonly parallel laminated, argillite interbeds are strongly deformed by bedding to core at 128.0 = 35°. |
| | | TECTONIC STRUCTURE: Quartz - limonite veinlets cut core at 50° and parallel to bedding. Generally these veinlets are less than 1 veinlet per 10 cm. 121.5 to 122.5 veinlets are abundant plus 4 veinlets per 10 cm. |
| | | GENERAL ALTERATION: Regional silicification and sericitization overprinted by thin bands of light yellow sericite and all is overprinted by late Liesegang alteration. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: 121.5 to 125.0 scattered quartz limonite veinlets 2 mm to 10 mm thick, host limonite after pyrite, these veins are not abundant as noted above. The best veinlet development is between 121.5 - 122.5. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 123.5 | 124.5 | 0 | Widely scattered limonite - quartz veinlets generally weak mineralization. | M 171193 | 1 | <0.05 | <0.2 | <2 | <2 | 14 | 6 |
| 124.5 | 125.5 | 0 | Widely scattered limonite - quartz veinlets generally weak mineralization. | M 171194 | 1 | <0.05 | <0.2 | <2 | 3 | 14 | 2 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z-03-14
LENGTH: 169.5 M.

| From | To | LITHOLOGY: Quartzite rare argillite interbeds, unit is less than 10% argillite. |
|-------|-------|---|
| 129.5 | 139.5 | COLOR: Quartzites are gray, argillite light gray. |
| | | PRIMARY STRUCTURE: Medium to thin bedded, bedding is distinct, bedding planes are wavy. Beds are distorted due to soft sediment deformation. Quartzites are very fine grained. |
| | | TECTONIC STRUCTURE: Scattered quartz -- limonite veinlets at 42° and 50° to core axis these veins are 90° to bedding, very weak veinlet developed throughout interval. |
| | | GENERAL ALTERATION: Regional sericitization and silicification, cut by late white sericitization and silicification 133.0 – 135.0. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Best mineralized zone is between 133.0 – 135.0. Weakly disseminated limonite after pyrite in quartzites and quartz veinlets. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|-----|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 133 | 134 | 0 | Weakly disseminated pyrite and limonite after pyrite in quartz and quartzite. | M 171195 | 1 | <0.05 | <0.2 | <2 | <2 | 8 | 2 |
| 134 | 135 | 0 | Weakly disseminated pyrite and limonite after pyrite in quartz and quartzite. | M 171196 | 1 | <0.05 | <0.2 | <2 | <2 | 7 | 2 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z-03-14
LENGTH: 169.5 M.

| From | To | LITHOLOGY: Hematitic quartzite mixed with zones of mud chip breccia. |
|-------|-------|---|
| 139.5 | 144.0 | COLOR: Mottled purple and brown. |
| | | PRIMARY STRUCTURE: Bedding is not evident, this interval is one bed of mixed coarse grained mature, unsorted, ungraded quartz sand and mud chip clasts. The mud chip clasts are bent and distorted 5 mm to 20 mm in size, matrix around sand grains and clasts consist of white sericite and earthy hematite. Bedding at 140 = 33°. |
| | | TECTONIC STRUCTURE: Quartz – limonite veinlets cut core axis at 48°. |
| | | GENERAL ALTERATION: Hematitic matrix and hematitic argillite clasts are intensely sericitized, with local zones of late white silicification, argillite clasts are totally altered to sericite, or altered to hematite, late Liesegang alteration overprints everything. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Limonite is deposited through the quartzite matrix, along with some limonite after pyrite rare thin veinlets, host limonite after pyrite. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 140 | 141 | 0 | Hematitic coarse grained quartzite, mineralized by pyrite and limonite, some quartz veinlets. | M 171197 | 1 | <0.05 | <0.2 | <2 | <2 | 13 | 3 |
| 141 | 142 | 0 | Hematitic coarse grained quartzite, mineralized by pyrite and limonite, some quartz veinlets. | M 171198 | 1 | <0.05 | <0.2 | <2 | <2 | 26 | 15 |
| 142 | 142.5 | 0 | Hematitic coarse grained quartzite, mineralized by pyrite and limonite, some quartz veinlets. | M 171199 | 0.5 | <0.05 | <0.2 | 2 | <2 | 17 | 3 |
| 142.5 | 143 | 0 | Hematitic coarse grained quartzite, mineralized by pyrite and limonite, some quartz veinlets. | M 171200 | 0.5 | <0.05 | <0.2 | <2 | 2 | 16 | 6 |
| 143 | 143.5 | 0 | Hematitic coarse grained quartzite, mineralized by pyrite and limonite, some quartz veinlets. | M 171201 | 0.5 | <0.05 | <0.2 | <2 | <2 | 29 | 25 |
| 143.5 | 144 | 0 | Hematitic coarse grained quartzite, mineralized by pyrite and limonite, some quartz veinlets. | M 171202 | 0.5 | <0.05 | <0.2 | <2 | <2 | 32 | 16 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z-03-14
LENGTH: 169.5 M.

| From | To | LITHOLOGY: Quartzite, siltstone interbedded argillite. |
|-------------|-------|--|
| 144 | 169.5 | COLOR: Mottled, gray, dark gray, light gray and brown. |
| End of Hole | | PRIMARY STRUCTURE: Very thin bedded, bedding is sharp, discontinuous and lenses, this unit is a mix of thin lenticular beds of argillite, siltstone, is fine and coarse grained quartzite. These beds appear to be current laminated, ripple beds which have been deformed by soft sediment slumping. Bedding to core = 41°, at 157.0 = 30°, at 169.5 = 32°. |
| | | TECTONIC STRUCTURE: None |
| | | GENERAL ALTERATION: Regional. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: 149.0 – 152.0, Patches of limonite associated with disseminated pyrite in seeds, and pyrite in rare bedding parallel veinlets. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 144 | 144.5 | 0 | Heavy disseminated limonite in sediments. | M 171203 | 0.5 | 0.08 | 0.3 | <2 | 8 | 28 | 65 |
| 144.5 | 145 | 0 | Heavy disseminated limonite in sediments. | M 171204 | 0.5 | 0.08 | 2 | 4 | 19 | 28 | 1270 |
| 145 | 146 | 0 | Heavy disseminated limonite in sediments. | M 171205 | 1 | <0.05 | 3.6 | 3 | <2 | 44 | 749 |
| 149 | 150 | 0 | | M 171206 | 1 | <0.05 | <0.2 | <2 | 2 | 50 | 3 |
| 150 | 151 | 0 | | M 171207 | 1 | <0.05 | <0.2 | 2 | <2 | 54 | 1 |
| STND | | 0 | | M 171208 | * | 10.95 | 20.3 | 17 | 34 | 104 | 173 |
| 151.5 | 151 | 0 | | M 171209 | 0.5 | <0.05 | <0.2 | 4 | 3 | 46 | 5 |
| 151 | 152 | 0 | | M 171210 | 1 | <0.05 | <0.2 | 2 | <2 | 58 | 1 |



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Page # : 1
Date : 6-Oct-2003
Account: NJY

CERTIFICATE VA03037723

Project : Z-03-14

P.O. No:

This report is for 54 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 24-Sep-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-21 | Crush entire sample 70% < 6 mm |
| PUL-21 | Pulverize entire sample |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-SCRa | Au Screen FA - Over Wt. A | WST-SIM |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



ALS Chemex

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Page #: 2 - A
Total # of pages : 3 (A - C)
Date : 6-Oct-2003
Account: NJY

Project : Z-03-14

CERTIFICATE OF ANALYSIS VA03037723

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M171152 | | 0.84 | <0.05 | <0.05 | <0.05 | <0.001 | 0.70 | 702.9 | <0.01 | <0.01 | <0.2 | 0.25 | 5 | <10 | 230 | <0.5 |
| M171153 | | 1.52 | <0.05 | <0.05 | <0.05 | <0.001 | 16.23 | 1501.5 | <0.01 | <0.01 | 0.2 | 0.25 | 2 | <10 | 270 | <0.5 |
| M171154 | | 2.38 | <0.05 | <0.05 | <0.05 | <0.001 | 9.00 | 2295 | <0.01 | 0.01 | <0.2 | 0.35 | 3 | <10 | 140 | <0.5 |
| M171155 | hole 14 | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 2.74 | 2.95 | <0.2 | 0.77 | 2350 | 10 | 150 | 1.1 |
| M171156 | | 2.20 | <0.05 | <0.05 | <0.05 | <0.001 | 1.32 | 2150 | 0.01 | 0.01 | <0.2 | 0.32 | 12 | <10 | 90 | <0.5 |
| M171157 | | 1.22 | <0.05 | <0.05 | <0.05 | <0.001 | 3.70 | 1184.5 | 0.01 | 0.01 | <0.2 | 0.33 | 4 | <10 | 100 | <0.5 |
| M171158 | | 0.80 | <0.05 | 0.79 | <0.05 | 0.001 | 1.26 | 792.3 | 0.01 | 0.04 | <0.2 | 0.37 | 4 | <10 | 80 | <0.5 |
| M171159 | | 3.18 | <0.05 | <0.05 | <0.05 | <0.001 | 4.55 | 3057 | 0.01 | <0.01 | <0.2 | 0.30 | 2 | <10 | 90 | <0.5 |
| M171160 | | 1.66 | <0.05 | <0.05 | <0.05 | <0.001 | 9.19 | 1610.5 | <0.01 | 0.01 | <0.2 | 0.31 | 3 | <10 | 120 | <0.5 |
| M171161 | | 2.60 | <0.05 | <0.05 | <0.05 | <0.001 | 19.13 | 2500 | <0.01 | <0.01 | <0.2 | 0.35 | 2 | <10 | 110 | <0.5 |
| M171162 | | 2.28 | <0.05 | <0.05 | <0.05 | <0.001 | 10.11 | 2227 | <0.01 | <0.01 | <0.2 | 0.30 | 4 | <10 | 110 | <0.5 |
| M171163 | | 1.56 | 0.70 | 1.53 | 0.69 | 0.040 | 26.14 | 1488.0 | 0.69 | 0.68 | <0.2 | 0.28 | 2 | <10 | 100 | <0.5 |
| M171164 | | 0.98 | <0.05 | <0.05 | 0.05 | <0.001 | 3.04 | 959.3 | 0.04 | 0.05 | 0.2 | 0.36 | 3 | <10 | 170 | 0.5 |
| M171165 | | 1.42 | <0.05 | <0.05 | <0.05 | <0.001 | 14.64 | 1363.5 | <0.01 | 0.01 | <0.2 | 0.35 | 2 | <10 | 60 | <0.5 |
| M171166 | | 2.92 | <0.05 | <0.05 | <0.05 | <0.001 | 33.30 | 2794 | <0.01 | <0.01 | <0.2 | 0.28 | 2 | <10 | 120 | <0.5 |
| M171167 | | 2.76 | <0.05 | <0.05 | <0.05 | 0.001 | 37.26 | 2606 | 0.04 | 0.01 | <0.2 | 0.32 | 3 | <10 | 50 | <0.5 |
| M171168 | | 1.40 | 0.19 | 0.34 | 0.19 | 0.010 | 29.01 | 1349.5 | 0.20 | 0.18 | <0.2 | 0.20 | 3 | <10 | 50 | <0.5 |
| M171169 | | 2.26 | <0.05 | <0.05 | <0.05 | <0.001 | 6.69 | 2053 | <0.01 | 0.01 | <0.2 | 0.36 | <2 | <10 | 50 | <0.5 |
| M171170 | | 82.00 | <0.05 | <0.05 | <0.05 | <0.001 | 58.52 | 1682.0 | 0.01 | <0.01 | <0.2 | 0.31 | <2 | <10 | 40 | <0.5 |
| M171171 | | 2.62 | <0.05 | <0.05 | <0.05 | <0.001 | 28.66 | 2512 | <0.01 | <0.01 | <0.2 | 0.27 | <2 | <10 | 40 | <0.5 |
| M171172 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 2.89 | 2.81 | <0.2 | 0.80 | 2390 | 10 | 160 | 1.1 |
| M171173 | | 2.40 | <0.05 | <0.05 | <0.05 | <0.001 | 13.89 | 2298 | 0.01 | <0.01 | <0.2 | 0.25 | 9 | <10 | 50 | <0.5 |
| M171174 | | 1.56 | <0.05 | <0.05 | <0.05 | <0.001 | 11.27 | 1473.0 | 0.01 | 0.01 | <0.2 | 0.29 | 5 | <10 | 40 | <0.5 |
| M171175 | | 1.82 | <0.05 | <0.05 | <0.05 | <0.001 | 26.06 | 1662.0 | 0.02 | 0.02 | <0.2 | 0.34 | 3 | <10 | 40 | <0.5 |
| M171176 | | 2.60 | <0.05 | 0.10 | <0.05 | 0.001 | 9.80 | 2461 | 0.01 | <0.01 | <0.2 | 0.36 | 4 | <10 | 50 | <0.5 |
| M171177 | | 1.66 | <0.05 | <0.05 | <0.05 | <0.001 | 18.33 | 1601.0 | <0.01 | 0.01 | <0.2 | 0.23 | 3 | <10 | 50 | <0.5 |
| M171178 | | 1.54 | 0.30 | 6.41 | 0.20 | 0.157 | 24.50 | 1481.5 | 0.17 | 0.23 | <0.2 | 0.37 | 3 | <10 | 190 | <0.5 |
| M171179 | | 1.26 | <0.05 | <0.05 | <0.05 | <0.001 | 10.52 | 1221.5 | 0.04 | 0.02 | <0.2 | 0.30 | 4 | <10 | 210 | <0.5 |
| M171180 | | 0.94 | 0.13 | 0.69 | 0.12 | 0.012 | 17.38 | 909.8 | 0.19 | 0.05 | <0.2 | 0.27 | 2 | <10 | 260 | <0.5 |
| M171181 | | 1.20 | 0.08 | 0.50 | 0.07 | 0.010 | 20.00 | 1143.0 | 0.06 | 0.08 | 0.3 | 0.16 | 4 | <10 | 400 | <0.5 |
| M171182 | | 1.08 | 1.35 | 2.81 | 1.33 | 0.058 | 20.62 | 1045.0 | 1.36 | 1.29 | 0.2 | 0.22 | 4 | <10 | 350 | <0.5 |
| M171183 | | 0.86 | 0.26 | 0.68 | 0.25 | 0.010 | 14.79 | 844.6 | 0.22 | 0.28 | <0.2 | 0.19 | <2 | <10 | 150 | <0.5 |
| M171184 | | 0.94 | 0.65 | 5.82 | 0.43 | 0.227 | 39.00 | 901.5 | 0.34 | 0.52 | <0.2 | 0.24 | 2 | <10 | 370 | <0.5 |
| M171185 | | 2.18 | 0.23 | 0.54 | 0.22 | 0.019 | 35.41 | 2108 | 0.18 | 0.26 | <0.2 | 0.27 | <2 | <10 | 170 | <0.5 |
| M171186 | | 2.10 | 0.18 | 0.71 | 0.18 | 0.013 | 18.23 | 2039 | 0.23 | 0.12 | <0.2 | 0.23 | <2 | <10 | 70 | <0.5 |
| M171187 | | 2.64 | 0.09 | 0.05 | 0.09 | 0.001 | 20.54 | 2540 | 0.08 | 0.10 | <0.2 | 0.25 | <2 | <10 | 90 | <0.5 |
| M171188 | | 2.88 | <0.05 | <0.05 | <0.05 | <0.001 | 28.94 | 2796 | <0.01 | 0.02 | <0.2 | 0.33 | 2 | <10 | 140 | <0.5 |
| M171189 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 9.11 | 8.42 | 19.0 | 1.80 | 17 | <10 | 90 | <0.5 |
| M171190 | | 2.28 | 0.11 | 1.29 | 0.09 | 0.044 | 34.17 | 2223 | 0.11 | 0.07 | <0.2 | 0.26 | <2 | <10 | 180 | <0.5 |
| M171191 | | 2.32 | 0.34 | 0.08 | 0.35 | 0.002 | 25.82 | 2249 | 0.31 | 0.38 | 0.2 | 0.27 | <2 | <10 | 150 | <0.5 |

Comments: NSS is non-sufficient sample.



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CERTIFICATE OF ANALYSIS VA03037723

| Sample Description | Method Analyte Units LOR | WEI-21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-AA25 | Au-AA25D | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-----------------------|----------------------|-------------------|-------------------|------------------|-----------------|----------------|----------------|-----------------|------------------|
| | | Recvd Wt kg 0.02 | Au Total ppm 0.05 | Au (+) F ppm 0.05 | Au (-) F ppm 0.05 | Au (+) m mg 0.001 | WT. + Fr g 0.01 | WT. - Fr g 0.1 | Au ppm 0.01 | Au ppm 0.01 | Ag ppm 0.2 | Al % 0.01 | As ppm 2 | B ppm 10 | Ba ppm 10 | Be ppm 0.5 |
| M171192 | | 2.96 | 0.24 | 0.21 | 0.24 | 0.006 | 29.07 | 2884 | 0.17 | 0.31 | 0.3 | 0.22 | 2 | <10 | 80 | <0.5 |
| M171193 | | 1.74 | <0.05 | <0.05 | <0.05 | <0.001 | 33.14 | 1691.5 | <0.01 | <0.01 | <0.2 | 0.21 | <2 | <10 | 60 | <0.5 |
| M171194 | | 2.32 | <0.05 | <0.05 | <0.05 | <0.001 | 29.09 | 2276 | <0.01 | 0.01 | <0.2 | 0.24 | <2 | <10 | 220 | <0.5 |
| M171195 | | 2.64 | <0.05 | <0.05 | <0.05 | <0.001 | 28.78 | 2581 | 0.04 | <0.01 | <0.2 | 0.14 | <2 | <10 | 140 | <0.5 |
| M171196 | | 1.98 | <0.05 | <0.05 | <0.05 | <0.001 | 34.85 | 1908.5 | <0.01 | <0.01 | <0.2 | 0.07 | <2 | <10 | 270 | <0.5 |
| M171197 | | 2.64 | <0.05 | <0.05 | <0.05 | <0.001 | 33.39 | 2573 | 0.04 | 0.02 | <0.2 | 0.16 | <2 | <10 | 120 | <0.5 |
| M171198 | | 2.36 | <0.05 | <0.05 | <0.05 | <0.001 | 32.50 | 2297 | 0.02 | 0.01 | <0.2 | 0.18 | <2 | <10 | 70 | <0.5 |
| M171199 | | 1.40 | <0.05 | <0.05 | <0.05 | <0.001 | 33.41 | 1361.5 | 0.04 | <0.01 | <0.2 | 0.11 | 2 | <10 | 50 | <0.5 |
| M171200 | | 1.48 | <0.05 | <0.05 | <0.05 | <0.001 | 33.24 | 1450.0 | <0.01 | 0.07 | <0.2 | 0.12 | <2 | <10 | 50 | <0.5 |
| M171201 | | 2.04 | <0.05 | <0.05 | <0.05 | <0.001 | 32.43 | 2004 | <0.01 | 0.01 | <0.2 | 0.16 | <2 | <10 | 80 | <0.5 |
| M171202 | | 1.24 | <0.05 | <0.05 | <0.05 | <0.001 | 29.87 | 1208.5 | 0.01 | 0.01 | <0.2 | 0.21 | <2 | <10 | 110 | <0.5 |
| M171203 | | 1.40 | 0.08 | 1.48 | 0.06 | 0.041 | 27.67 | 1361.5 | 0.07 | 0.04 | 0.3 | 0.19 | <2 | <10 | 80 | <0.5 |
| M171204 | | 1.60 | 0.08 | 0.22 | 0.08 | 0.006 | 27.12 | 1559.5 | 0.08 | 0.08 | 2.0 | 0.29 | 4 | <10 | 90 | <0.5 |
| M171205 | | 2.36 | <0.05 | <0.05 | <0.05 | <0.001 | 21.59 | 2300 | 0.03 | 0.02 | 3.6 | 0.31 | 3 | <10 | 70 | <0.5 |

Comments: NSS is non-sufficient sample.



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Date : 6-Oct-2003
Account: NJY

Project : Z-03-14

CERTIFICATE OF ANALYSIS VA03037723

| Sample Description | Method Analyte Units LOR | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 |
|--------------------|-----------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M171152 | | <2 | 0.05 | <0.5 | 6 | 190 | 7 | 1.36 | <10 | <1 | 0.17 | 30 | 0.19 | 393 | 2 | 0.02 |
| M171153 | | <2 | 0.26 | <0.5 | 3 | 118 | 7 | 0.85 | <10 | <1 | 0.09 | 20 | 0.18 | 248 | <1 | 0.03 |
| M171154 | | <2 | 0.13 | <0.5 | 4 | 62 | 4 | 1.01 | <10 | <1 | 0.18 | 30 | 0.17 | 268 | <1 | 0.02 |
| M171155 | | <2 | 0.02 | <0.5 | 1 | 38 | 34 | 2.74 | <10 | <1 | 0.30 | 30 | 0.03 | 41 | 2 | 0.01 |
| M171156 | | <2 | 0.01 | <0.5 | 5 | 78 | 3 | 0.97 | <10 | <1 | 0.13 | 20 | 0.02 | 242 | <1 | 0.02 |
| M171157 | | <2 | 0.01 | <0.5 | 4 | 83 | 5 | 1.02 | <10 | <1 | 0.11 | 20 | 0.02 | 307 | <1 | 0.02 |
| M171158 | | <2 | 0.02 | <0.5 | 4 | 194 | 8 | 1.08 | <10 | <1 | 0.06 | 20 | 0.02 | 337 | <1 | 0.02 |
| M171159 | | <2 | 0.01 | <0.5 | 5 | 50 | 2 | 0.95 | <10 | <1 | 0.13 | 20 | 0.02 | 210 | <1 | 0.01 |
| M171160 | | <2 | 0.01 | <0.5 | 5 | 81 | 4 | 0.92 | <10 | <1 | 0.11 | 20 | 0.01 | 397 | <1 | 0.02 |
| M171161 | | <2 | 0.01 | <0.5 | 5 | 57 | 2 | 1.11 | <10 | <1 | 0.14 | 30 | 0.02 | 313 | <1 | 0.02 |
| M171162 | | <2 | 0.01 | <0.5 | 3 | 73 | 5 | 0.92 | <10 | <1 | 0.12 | 20 | 0.02 | 295 | <1 | 0.02 |
| M171163 | | <2 | <0.01 | <0.5 | 4 | 40 | 31 | 1.27 | <10 | <1 | 0.17 | 30 | 0.02 | 234 | <1 | <0.01 |
| M171164 | | <2 | 0.01 | <0.5 | 8 | 96 | 36 | 1.67 | <10 | <1 | 0.16 | 10 | 0.02 | 442 | 1 | <0.01 |
| M171165 | | <2 | 0.01 | <0.5 | 3 | 33 | 8 | 1.10 | <10 | <1 | 0.17 | 20 | 0.02 | 76 | <1 | <0.01 |
| M171166 | | <2 | 0.01 | <0.5 | 7 | 127 | 2 | 1.49 | <10 | <1 | 0.12 | 20 | 0.02 | 407 | <1 | 0.01 |
| M171167 | | <2 | <0.01 | <0.5 | 4 | 126 | 6 | 0.75 | <10 | <1 | 0.07 | 30 | 0.01 | 151 | <1 | 0.01 |
| M171168 | | <2 | <0.01 | <0.5 | 3 | 142 | 7 | 0.68 | <10 | <1 | 0.11 | 30 | 0.01 | 211 | <1 | <0.01 |
| M171169 | | <2 | 0.01 | <0.5 | 4 | 71 | 5 | 1.02 | <10 | <1 | 0.12 | 30 | 0.02 | 125 | <1 | <0.01 |
| M171170 | | <2 | 0.01 | <0.5 | 4 | 35 | 3 | 0.85 | <10 | <1 | 0.10 | 20 | 0.02 | 100 | <1 | 0.01 |
| M171171 | | <2 | <0.01 | <0.5 | 2 | 99 | 2 | 0.65 | <10 | <1 | 0.10 | 20 | 0.01 | 77 | <1 | 0.02 |
| M171172 | | <2 | 0.02 | <0.5 | 1 | 40 | 34 | 2.83 | <10 | <1 | 0.31 | 30 | 0.03 | 42 | 2 | 0.01 |
| M171173 | | <2 | 0.01 | <0.5 | 4 | 118 | 1 | 0.82 | <10 | <1 | 0.09 | 20 | 0.02 | 95 | <1 | 0.02 |
| M171174 | | <2 | 0.01 | <0.5 | 3 | 74 | 2 | 0.53 | <10 | <1 | 0.10 | 30 | 0.02 | 87 | <1 | 0.01 |
| M171175 | | <2 | 0.01 | <0.5 | 3 | 113 | 7 | 0.64 | <10 | <1 | 0.06 | 40 | 0.01 | 102 | 1 | <0.01 |
| M171176 | | <2 | 0.01 | <0.5 | 3 | 86 | 3 | 0.74 | <10 | <1 | 0.11 | 30 | 0.02 | 69 | <1 | 0.01 |
| M171177 | | <2 | 0.02 | <0.5 | 3 | 22 | 1 | 1.32 | <10 | <1 | 0.13 | 20 | 0.02 | 63 | <1 | <0.01 |
| M171178 | | <2 | 0.11 | <0.5 | 8 | 56 | 6 | 1.93 | <10 | <1 | 0.17 | 20 | 0.08 | 568 | 1 | <0.01 |
| M171179 | | <2 | 0.06 | <0.5 | 9 | 78 | 59 | 1.61 | <10 | <1 | 0.14 | 30 | 0.06 | 812 | <1 | <0.01 |
| M171180 | | <2 | 0.04 | <0.5 | 5 | 132 | 39 | 0.78 | <10 | <1 | 0.17 | 20 | 0.03 | 1355 | 1 | <0.01 |
| M171181 | | <2 | 0.01 | <0.5 | 3 | 117 | 276 | 0.85 | <10 | <1 | 0.12 | 20 | 0.01 | 3450 | <1 | <0.01 |
| M171182 | | <2 | 0.02 | <0.5 | 10 | 78 | 63 | 1.44 | <10 | <1 | 0.15 | 30 | 0.02 | 1660 | 1 | <0.01 |
| M171183 | | <2 | 0.01 | <0.5 | 3 | 170 | 45 | 0.77 | <10 | <1 | 0.15 | 20 | 0.02 | 730 | <1 | <0.01 |
| M171184 | | <2 | 0.02 | <0.5 | 8 | 112 | 116 | 1.34 | <10 | 1 | 0.14 | 20 | 0.02 | 1895 | <1 | <0.01 |
| M171185 | | <2 | 0.01 | <0.5 | 4 | 64 | 45 | 0.89 | <10 | <1 | 0.15 | 30 | 0.03 | 615 | <1 | 0.01 |
| M171186 | | <2 | 0.01 | <0.5 | 2 | 26 | 11 | 0.60 | <10 | <1 | 0.07 | 20 | 0.02 | 182 | <1 | 0.01 |
| M171187 | | <2 | 0.02 | <0.5 | 2 | 109 | 18 | 0.54 | <10 | <1 | 0.11 | 20 | 0.03 | 119 | 1 | 0.01 |
| M171188 | | <2 | 0.04 | <0.5 | 6 | 61 | 28 | 0.74 | <10 | <1 | 0.13 | 30 | 0.07 | 399 | <1 | 0.01 |
| M171189 | | <2 | 1.38 | 2.8 | 20 | 26 | 162 | 3.60 | <10 | <1 | 0.25 | 10 | 0.94 | 778 | 24 | 0.05 |
| M171190 | | <2 | 0.03 | <0.5 | 3 | 79 | 12 | 1.10 | <10 | <1 | 0.17 | 10 | 0.03 | 141 | 2 | 0.02 |
| M171191 | | <2 | <0.01 | <0.5 | 1 | 89 | 4 | 1.10 | <10 | <1 | 0.21 | 10 | 0.02 | 28 | 1 | 0.01 |

Comments: NSS is non-sufficient sample.



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CERTIFICATE OF ANALYSIS VA03037723

| Method Analyte Units LOR | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 |
|-----------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| Sample Description | | | | | | | | | | | | | | | |
| M171192 | <2 | 0.03 | <0.5 | 6 | 106 | 20 | 1.28 | <10 | <1 | 0.16 | 10 | 0.03 | 275 | 1 | 0.01 |
| M171193 | <2 | 0.07 | <0.5 | 5 | 97 | 6 | 1.20 | <10 | <1 | 0.14 | 20 | 0.04 | 213 | 1 | 0.02 |
| M171194 | <2 | 0.09 | <0.5 | 4 | 85 | 2 | 1.08 | <10 | <1 | 0.16 | 20 | 0.06 | 157 | <1 | 0.02 |
| M171195 | <2 | 0.04 | <0.5 | 2 | 227 | 2 | 0.66 | <10 | <1 | 0.08 | 20 | 0.03 | 188 | <1 | 0.01 |
| M171196 | <2 | 0.05 | <0.5 | 1 | 210 | 2 | 0.58 | <10 | <1 | 0.05 | <10 | 0.02 | 119 | <1 | 0.01 |
| M171197 | <2 | 0.05 | <0.5 | 3 | 219 | 3 | 1.15 | <10 | <1 | 0.10 | 20 | 0.02 | 123 | <1 | 0.01 |
| M171198 | <2 | 0.03 | <0.5 | 3 | 158 | 15 | 1.25 | <10 | <1 | 0.09 | 20 | 0.01 | 207 | <1 | 0.01 |
| M171199 | <2 | 0.08 | <0.5 | 3 | 202 | 3 | 0.92 | <10 | <1 | 0.07 | 10 | 0.01 | 170 | <1 | 0.01 |
| M171200 | <2 | 0.04 | <0.5 | 3 | 174 | 6 | 0.88 | <10 | <1 | 0.06 | 20 | 0.01 | 162 | <1 | 0.01 |
| M171201 | <2 | 0.05 | <0.5 | 7 | 160 | 25 | 1.36 | <10 | <1 | 0.10 | 20 | 0.02 | 359 | 1 | 0.01 |
| M171202 | <2 | 0.15 | <0.5 | 5 | 158 | 16 | 2.64 | <10 | <1 | 0.13 | 30 | 0.02 | 99 | <1 | 0.01 |
| M171203 | <2 | 0.08 | <0.5 | 7 | 164 | 65 | 1.53 | <10 | <1 | 0.12 | 20 | 0.02 | 235 | <1 | 0.01 |
| M171204 | 3 | 0.06 | <0.5 | 10 | 86 | 1270 | 1.16 | <10 | <1 | 0.16 | 40 | 0.04 | 453 | 3 | 0.01 |
| M171205 | <2 | 0.03 | <0.5 | 8 | 63 | 749 | 0.96 | <10 | <1 | 0.13 | 40 | 0.11 | 276 | 2 | 0.01 |

Comments: NSS is non-sufficient sample.



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Project : Z-03-14

CERTIFICATE OF ANALYSIS VA03037723

| Sample Description | Method Analyte Units LOR | ME-ICP41 NI ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 | ME-ICP41 Ti % 0.01 | ME-ICP41 Ti ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 |
|--------------------|-----------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|
| M171152 | | 8 | 80 | 6 | 0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 36 |
| M171153 | | 7 | 140 | 6 | 0.01 | <2 | 1 | 10 | 0.01 | <10 | <10 | 3 | <10 | 14 |
| M171154 | | 4 | 120 | 7 | <0.01 | <2 | 1 | 7 | 0.01 | <10 | <10 | 4 | <10 | 17 |
| M171155 | | 6 | 230 | 30 | 0.02 | 100 | 7 | 75 | <0.01 | <10 | <10 | 11 | <10 | 15 |
| M171156 | | 7 | 80 | 8 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 24 |
| M171157 | | 6 | 90 | 11 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 23 |
| M171158 | | 7 | 100 | 18 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 19 |
| M171159 | | 6 | 120 | 10 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 27 |
| M171160 | | 6 | 110 | 6 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 18 |
| M171161 | | 8 | 100 | <2 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 19 |
| M171162 | | 6 | 90 | 5 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 14 |
| M171163 | | 5 | 300 | 237 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 11 |
| M171164 | | 11 | 330 | 317 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 1 | <10 | 30 |
| M171165 | | 5 | 160 | 9 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 23 |
| M171166 | | 8 | 140 | 3 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 29 |
| M171167 | | 5 | 80 | 12 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 17 |
| M171168 | | 4 | 80 | 31 | <0.01 | <2 | <1 | 1 | <0.01 | <10 | <10 | 1 | <10 | 8 |
| M171169 | | 6 | 170 | 6 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 26 |
| M171170 | | 6 | 90 | <2 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 25 |
| M171171 | | 4 | 50 | 4 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 12 |
| M171172 | | 7 | 240 | 31 | 0.02 | 103 | 7 | 80 | <0.01 | <10 | <10 | 11 | <10 | 15 |
| M171173 | | 6 | 60 | 3 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 21 |
| M171174 | | 4 | 80 | 6 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 14 |
| M171175 | | 4 | 100 | 9 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 14 |
| M171176 | | 4 | 110 | 8 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 16 |
| M171177 | | 6 | 160 | <2 | <0.01 | <2 | 1 | 2 | 0.01 | <10 | <10 | 2 | <10 | 19 |
| M171178 | | 11 | 590 | 9 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 63 |
| M171179 | | 11 | 450 | 25 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 54 |
| M171180 | | 6 | 240 | 93 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 14 |
| M171181 | | 5 | 110 | 31 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 15 |
| M171182 | | 13 | 180 | 31 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 24 |
| M171183 | | 6 | 60 | 26 | <0.01 | <2 | <1 | 1 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| M171184 | | 11 | 110 | 29 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 18 |
| M171185 | | 4 | 90 | 3 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 15 |
| M171186 | | 2 | 90 | <2 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 5 |
| M171187 | | 4 | 90 | 3 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 8 |
| M171188 | | 8 | 150 | <2 | <0.01 | <2 | <1 | 4 | <0.01 | <10 | <10 | 1 | <10 | 27 |
| M171189 | | 18 | 630 | 33 | 1.11 | <2 | 7 | 58 | 0.08 | <10 | <10 | 79 | <10 | 99 |
| M171190 | | 4 | 80 | 3 | 0.14 | <2 | 1 | 7 | <0.01 | <10 | <10 | 1 | <10 | 8 |
| M171191 | | 3 | 90 | 12 | 0.09 | <2 | <1 | 9 | <0.01 | <10 | <10 | 1 | <10 | 3 |

Comments: NSS is non-sufficient sample.



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Project : Z-03-14

CERTIFICATE OF ANALYSIS VA03037723

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|-----------|----------|-----------|----------|----------|----------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Ti | U | V | W | Zn |
| | | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 | ppm 1 | ppm 1 | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| M171192 | | 7 | 100 | 7 | 0.10 | <2 | <1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 9 |
| M171193 | | 5 | 130 | <2 | <0.01 | <2 | 1 | 4 | 0.01 | <10 | <10 | 3 | <10 | 14 |
| M171194 | | 6 | 140 | 3 | 0.01 | <2 | 1 | 6 | 0.01 | <10 | <10 | 3 | <10 | 14 |
| M171195 | | 5 | 80 | <2 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 8 |
| M171196 | | 4 | 100 | <2 | 0.01 | <2 | <1 | 4 | <0.01 | <10 | <10 | 1 | <10 | 7 |
| M171197 | | 6 | 240 | <2 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 13 |
| M171198 | | 6 | 200 | <2 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 26 |
| M171199 | | 6 | 320 | <2 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 17 |
| M171200 | | 5 | 210 | 2 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 16 |
| M171201 | | 11 | 250 | <2 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 29 |
| M171202 | | 11 | 800 | <2 | 0.01 | <2 | 1 | 8 | 0.01 | <10 | <10 | 3 | <10 | 32 |
| M171203 | | 9 | 480 | 8 | 0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 28 |
| M171204 | | 10 | 340 | 19 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 28 |
| M171205 | | 12 | 150 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 44 |

Comments: NSS is non-sufficient sample.



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Phone: 604 984 0221 Fax: 604 984 0218

To: CHAPLEAU RESOURCES
104-135 10TH AVE S
CRANBROOK BC V1C 2N1

Page #: 1
Date: 2-Oct-2003
Account: NJY

CERTIFICATE VA03038101

Project : Z-03-14

P.O. No:

This report is for 8 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 26-Sep-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-21 | Crush entire sample 70% < 6 mm |
| PUL-21 | Pulverize entire sample |
| LOG-24 | Pulp Login - Rcd w/o Barcode |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
104-135 10TH AVE S
CRANBROOK BC V1C 2N1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Page #: 2 - A
Total # of pages : 2 (A - C)
Date : 2-Oct-2003
Account: NJY

Project : Z-03-14

CERTIFICATE OF ANALYSIS VA03038101

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M171206 | | 2.72 | 0.08 | <0.05 | 0.08 | <0.001 | 22.75 | 2572 | 0.10 | 0.06 | <0.2 | 0.48 | <2 | <10 | 100 | <0.5 |
| M171207 | | 1.26 | <0.05 | <0.05 | <0.05 | <0.001 | 24.31 | 1186.5 | 0.01 | <0.01 | <0.2 | 0.43 | 2 | <10 | 70 | <0.5 |
| M171208 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 10.95 | 11.40 | 20.3 | 1.67 | 17 | <10 | 90 | <0.5 |
| M171209 | | 1.28 | <0.05 | <0.05 | <0.05 | <0.001 | 15.80 | 1197.5 | 0.05 | 0.03 | <0.2 | 0.51 | 4 | <10 | 100 | <0.5 |
| M171210 | | 2.54 | <0.05 | <0.05 | <0.05 | <0.001 | 25.07 | 2331 | 0.01 | 0.02 | <0.2 | 0.45 | 2 | <10 | 70 | <0.5 |
| M171211 | | 2.72 | <0.05 | <0.05 | <0.05 | <0.001 | 18.58 | 2622 | 0.01 | 0.02 | <0.2 | 0.29 | <2 | <10 | 120 | <0.5 |
| M171212 | | 2.24 | <0.05 | <0.05 | <0.05 | <0.001 | 21.65 | 2149 | 0.01 | 0.01 | <0.2 | 0.40 | 2 | <10 | 100 | <0.5 |
| M171213 | | 1.68 | <0.05 | <0.05 | <0.05 | <0.001 | 25.66 | 1571.5 | <0.01 | <0.01 | <0.2 | 0.40 | <2 | <10 | 110 | <0.5 |

Comments: NSS is non-sufficient sample.



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Page #: 2 - B
Total # of pages : 2 (A - C)
Date : 2-Oct-2003
Account: NJY

Project : Z-03-14

CERTIFICATE OF ANALYSIS VA03038101

| Sample Description | Method Analyte Units LOR | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 |
|--------------------|-----------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M171206 | | <2 | 0.24 | <0.5 | 11 | 148 | 3 | 2.04 | <10 | <1 | 0.26 | 40 | 0.14 | 442 | <1 | 0.01 |
| M171207 | | <2 | 0.30 | <0.5 | 10 | 87 | 1 | 2.20 | <10 | <1 | 0.23 | 30 | 0.60 | 442 | <1 | 0.02 |
| M171208 | | <2 | 0.93 | 3.3 | 19 | 24 | 173 | 3.54 | <10 | <1 | 0.27 | 10 | 0.86 | 744 | 27 | 0.04 |
| M171209 | | <2 | 0.06 | <0.5 | 9 | 74 | 5 | 2.96 | <10 | <1 | 0.23 | 30 | 0.13 | 409 | 2 | 0.01 |
| M171210 | | <2 | 0.24 | <0.5 | 10 | 71 | 1 | 2.86 | <10 | <1 | 0.25 | 40 | 0.40 | 647 | <1 | 0.01 |
| M171211 | | <2 | 0.02 | <0.5 | 5 | 165 | 3 | 1.06 | <10 | <1 | 0.10 | 80 | 0.13 | 375 | <1 | 0.03 |
| M171212 | | <2 | 0.02 | <0.5 | 6 | 176 | 4 | 1.39 | <10 | <1 | 0.12 | 90 | 0.20 | 222 | <1 | 0.03 |
| M171213 | | <2 | 0.03 | <0.5 | 4 | 179 | 7 | 0.80 | <10 | <1 | 0.13 | 40 | 0.10 | 212 | <1 | 0.02 |

Comments: NSS is non-sufficient sample.



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Page #: 2 - C
Total # of pages : 2 (A - C)
Date : 2-Oct-2003
Account: NJY

Project : Z-03-14

CERTIFICATE OF ANALYSIS VA03038101

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|-----------|----------|-----------|----------|----------|----------|-----------|-----------|-----------|----------|-----------|----------|
| | | NI | P | Pb | S | Sb | Sc | Sr | Ti | Ti | U | V | W | Zn |
| | | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 | ppm 1 | ppm 1 | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| M171206 | | 16 | 700 | 2 | 0.01 | <2 | 1 | 10 | 0.01 | <10 | <10 | 7 | <10 | 50 |
| M171207 | | 16 | 420 | <2 | 0.05 | <2 | 1 | 13 | 0.01 | <10 | <10 | 6 | <10 | 54 |
| M171208 | | 16 | 590 | 34 | 1.14 | <2 | 6 | 43 | 0.07 | <10 | <10 | 69 | <10 | 104 |
| M171209 | | 16 | 480 | 3 | 0.09 | <2 | 1 | 4 | 0.01 | <10 | <10 | 6 | <10 | 46 |
| M171210 | | 20 | 550 | <2 | <0.01 | <2 | 2 | 9 | 0.01 | <10 | <10 | 8 | <10 | 58 |
| M171211 | | 9 | 150 | 2 | <0.01 | <2 | 1 | 5 | 0.01 | <10 | <10 | 3 | <10 | 19 |
| M171212 | | 9 | 130 | 2 | <0.01 | <2 | <1 | 5 | 0.01 | <10 | <10 | 4 | <10 | 27 |
| M171213 | | 6 | 90 | 2 | <0.01 | <2 | <1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 18 |

Comments: NSS is non-sufficient sample.

CHAPLEAU RESOURCE LTD.

DRILL HOLE RECORD

GEOLOGICAL SURVEY BRANCH ASSESSMENT REPORT

HOL # : Z-03-15
LENGTH: 73.8 M.

| | | | |
|-----------------------------------|---------------------------|---------------------------|-----------------------------|
| PROPERTY: ZINGER | | HORI. COMP: 52.184 meters | DRILL CONTRACTOR: |
| LOCATION: Ridge West of Hart Lake | | VERT. COMP: 52.187 meters | LONE RANGER |
| COMMENCED: Sept. 25, 2003 | COMPLETED: Sept. 26, 2003 | CORE DIP: 35° | CORE SIZE: NQ |
| COORDS: Long. | Lat. | TRUE BEARING: 252° | CASING: 3.0 METERS |
| COORDS: UTM (E) | (N) (EL) | %RECOVERY: | CORE STORAGE: VINE PROPERTY |
| COORDS: Grid (E) | (N) | LOGGED DATE: Sept. 2003 | |
| ELEVATION: 2190 m | COLLAR: Dip: Azi: | LOGGED BY: D.L. Pighin | |
| OBJECTIVE: | | | |
| SURVEYS: Depth: | Dip: Azi: Type: | | |
| ADDITIONAL SURVEYS: | | | |
| Depth: | Dip: Azi: | | |

| From | To | LITHOLOGY: Quartzite: rare argillite interbeds, unit less than 10% argillite. |
|------|------|--|
| 3.0 | 14.0 | COLOR: Light maroon to light grayish brown quartzite, argillite generally light yellowish green. |
| | | PRIMARY STRUCTURE: Medium to thin bedded, locally very thin bedded, bedding is distinct, generally wavy, quartzites are fine grained, commonly parallel laminated. Bedding to core axis 18° at 5.0 meters. |
| | | TECTONIC STRUCTURE: 4.5 to 9.0 meters well brecciated, 9.0 to 13.0 widely scattered veinlets generally parallel to bedding. 4.5 to 9.0 fracture to core are @ dominate 50° to 31° to core axis (those are usually normal to bedding), and fracture at 30° to core axis are parallel to bedding, fractures from 16° to 5° to core axis, are also present but no abundant. |
| | | GENERAL ALTERATION: Generally silicified and sericitized, cut by late paper thin stylolitic bands of yellow to yellowish green sericite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Best zones is 4.5 to 9.0 meters fracture described above are abundant in this zone (10 veinlets per 10 cm). The veinlets range in thickness from 2 mm to 15 mm. The veins are drusy and host limonite after pyrite and siderite? Rare fresh pyrite noted. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|-----|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 4 | 4.5 | 0 | Well brecciated, abundant drusy quartz, with minor disseminate pyrite, and limonite after pyrite and siderite. | M171214 | 0.5 | <0.05 | <0.2 | <2 | 12 | 19 | 6 |
| 4.5 | 5 | 0 | Well brecciated, abundant drusy quartz, with minor disseminate pyrite, and limonite after pyrite and siderite. | M171215 | 0.5 | <0.05 | <0.2 | <2 | 6 | 23 | 6 |
| 5 | 5.5 | 0 | Well brecciated, abundant drusy quartz, with minor disseminate pyrite, and limonite after pyrite and siderite. | M171216 | 0.5 | <0.05 | <0.2 | <2 | 5 | 16 | 3 |
| 5.5 | 6 | 0 | Well brecciated, abundant drusy quartz, with minor disseminate pyrite, and limonite after pyrite and siderite. | M171217 | 0.5 | <0.05 | <0.2 | <2 | 22 | 9 | 2 |
| 6 | 6.5 | 0 | Well brecciated, abundant drusy quartz, with minor disseminate pyrite, and limonite after pyrite and siderite. | M171218 | 0.5 | <0.05 | 0.4 | <2 | 43 | 17 | 14 |

CHAPLEAU RESOURCE LTD.

DRILL HOLE RECORD

HOLE #: Z-03-15

LENGTH: 73.8 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|-----|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 6.5 | 7 | 0 | Well brecciated, abundant drusy quartz, with minor disseminate pyrite, and limonite after pyrite and siderite. | M171219 | 0.5 | <0.05 | <0.2 | <2 | 3 | 14 | 2 |
| 7 | 7.5 | 0 | Well brecciated, abundant drusy quartz, with minor disseminate pyrite, and limonite after pyrite and siderite. | M171220 | 0.5 | <0.05 | <0.2 | <2 | 5 | 13 | 6 |
| 7.5 | 8 | 0 | Well brecciated, abundant drusy quartz, with minor disseminate pyrite, and limonite after pyrite and siderite. | M171221 | 0.5 | <0.05 | <0.2 | <2 | 7 | 15 | 2 |
| 8 | 9 | 0 | Well brecciated, abundant drusy quartz, with minor disseminate pyrite, and limonite after pyrite and siderite. | M171222 | 1 | <0.05 | <0.2 | <2 | 5 | 18 | 2 |
| 9 | 10 | 0 | Well brecciated, abundant drusy quartz, with minor disseminate pyrite, and limonite after pyrite and siderite. | M171223 | 1 | <0.05 | <0.2 | <2 | 4 | 34 | 3 |
| 10 | 11 | 0 | Widely scattered veinlets parallel to bedding, host limonite and pyrite. | M171224 | 1 | 0.75 | 0.2 | <2 | 29 | 32 | 4 |
| 11 | 12 | 0 | Widely scattered veinlets parallel to bedding, host limonite and pyrite. | M171225 | 1 | <0.05 | <0.2 | <2 | 3 | 27 | 2 |
| 12 | 13 | 0 | Widely scattered veinlets parallel to bedding, host limonite and pyrite. | M171226 | 1 | <0.05 | <0.2 | <2 | 9 | 14 | 4 |

CHAPLEAU RESOURCE LTD.

DRILL HOLE RECORD

HOLE #: Z-03-15

LENGTH: 73.8 M.

| From | To | LITHOLOGY: Argillite interbedded siltstone and minor quartzite. |
|------|------|---|
| 14.0 | 53.0 | COLOR: Argillite and siltstone are light gray and dark gray with dark brown speckling |
| | | PRIMARY STRUCTURE: Thin to very thin bedded, bedding is distinct, and lenticular, this unit is current laminated, consisting of small scale ripples, generally cross laminated, some erosional bed contacts, some thin layers of mud chip breccia. Bedding to core axis at 14.0 = 20°, at 23.0 = 12°, at 35.0 = 27°, at 35.5 = 46°, at 39.0 = 18°, at 49.5 = 20°, at 51.5 = 28°. |
| | | TECTONIC STRUCTURE: 18.0 – 20.0 Weakly fractured, as described previously. |
| | | GENERAL ALTERATION: Regional silicification and sericitization. Locally in areas of veinlets mineralization. Seds altered to light maroon colour speckled by dark brown limonite in these areas the argillite is altered to light apple green sericite, also speckled by brown limonite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: 18.0 – 20.0 Weakly fractured widely scattered quartz – limonite veinlets 2 mm to 10 mm most of the veinlets are parallel to core. 36. to 37.5 strongly fractured, with relatively abundant limonite – quartz veinlets, limonite is after pyrite and siderite, pyrite also occur in host seds. 51.0 – to 53.0 strongly fractured most veinlets are parallel to bedding. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| STND | | 0 | | M 171227 | | 9.26 | 20.4 | 16 | 34 | 101 | 163 |
| 18 | 19 | 0 | Widely scattered veinlets with minor pyrite and limonite. | M 171228 | 1 | <0.05 | <0.2 | <2 | 8 | 28 | 1 |
| 19 | 20 | 0 | Widely scattered veinlets with minor pyrite and limonite. | M 171229 | 1 | 0.86 | 0.5 | <2 | 99 | 46 | 15 |
| ? | 3.0 | 4.0 | Widely scattered veinlets with minor pyrite and limonite. | M 171230 | | <0.05 | <0.2 | <2 | 4 | 22 | 2 |
| 35.5 | 36 | 0 | | M 171231 | 0.5 | 0.42 | <0.2 | <2 | 14 | 35 | 5 |
| 36 | 36.5 | 0 | Strongly fractured with abundant quartz - limonite veinlets, some fresh pyrite in seds. | M 171232 | 0.5 | 2.24 | 0.2 | 2 | 73 | 19 | 19 |
| 36.5 | 37 | 0 | Strongly fractured with abundant quartz - limonite veinlets, some fresh pyrite in seds. | M 171233 | 0.5 | 1.41 | <0.2 | <2 | 28 | 28 | 4 |
| 37 | 37.5 | 0 | Strongly fractured with abundant quartz - limonite veinlets, some fresh pyrite in seds. | M 171234 | 0.5 | 1.07 | 0.5 | <2 | 75 | 46 | 14 |
| 37.5 | 38 | 0 | Generally weakly fractured and healed by quartz veinlet, minor pyrite and limonite. | M 171235 | 0.5 | <0.05 | <0.2 | <2 | 3 | 47 | 3 |
| 38 | 39 | 0 | | M 171236 | 1 | <0.05 | 0.2 | <2 | 2 | 45 | 1 |
| STND | | 0 | 7 P A | M 171237 | | 2.86 | <0.2 | 2330 | 30 | 15 | 35 |
| 50 | 51 | 0 | | M 171238 | 1 | 0.24 | <0.2 | 6 | 18 | 26 | 6 |
| 51 | 51.5 | 0 | | M 171239 | 0.5 | 0.69 | <0.2 | 7 | 13 | 8 | 6 |
| 51.5 | 52 | 0 | | M 171240 | 0.5 | 0.73 | 0.9 | 2 | 16 | 7 | 4 |
| 52 | 53 | 0 | | M 171241 | 1 | 0.38 | <0.2 | <2 | 11 | 28 | 3 |

CHAPLEAU RESOURCE LTD.

DRILL HOLE RECORD

HOLE #: Z-03-15

LENGTH: 73.8 M.

| From | To | LITHOLOGY: Quartzite, rare argillite interbeds unit less than 10% argillite. |
|------|------|--|
| 53.0 | 60.5 | COLOR: Light maroon banded and mottled by dark maroon. Argillite generally apple green. |
| | | PRIMARY STRUCTURE: Medium to thin bedded, bedding sharp, generally wavy, quartzite are fine grained general laminations generally crenulated, rarely parallel laminated, argillite interbeds typical distorted by soft deformation. Bedding to core axis 22°. |
| | | TECTONIC STRUCTURE: Nil. |
| | | GENERAL ALTERATION: Regional Alteration. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: 59.5 to 60.5 widely scattered quartz – limonite veinlets. Limonite appears to be after siderite. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|----------|------------|-------|--------|--------|--------|--------|--------|--------|
| 53 | 54 | 0 | | M 171242 | 1 | <0.05 | <0.2 | <2 | 2 | 28 | 1 |
| 54 | 55 | 0 | | M 171243 | 1 | 0.17 | <0.2 | <2 | 19 | 23 | 9 |
| 59.5 | 60 | 0 | | M 171244 | 0.5 | 0.32 | <0.2 | <2 | 8 | 19 | 3 |
| 60 | 60.5 | 0 | | M 171245 | 0.5 | <0.05 | <0.2 | <2 | 8 | 23 | 3 |

| From | To | LITHOLOGY: Quartzite interbedded siltstone unit is 40% siltstone. |
|--------|------|--|
| 60.5 | 73.8 | COLOR: Light gray banded and laminated dark purplish gray. |
| End of | | PRIMARY STRUCTURE: Medium to thin bedded, rare thick beds, bedding is distinct, generally wavy, fine lamination in seds is generally crenulated, rarely parallel laminated, quartzite and siltstone are very fine grained. Bedding to 22° at 73.5 metres. |
| Hole | | TECTONIC STRUCTURE: Nil |
| | | GENERAL ALTERATION: Regional silicification and sericitization spotted throughout the unit by late dark brown speck of limonite after dolomite or (Fe Carbonate). |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Nil. |
| | | ADDITIONAL OBSERVATIONS: |



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Page #: 1
Date: 8-Oct-2003
Account: NJY

CERTIFICATE VA03038530

Project : Z-03-15/16

P.O. No:

15816
This report is for 68 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 29-Sep-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-21 | Crush entire sample 70% < 6 mm |
| PUL-21 | Pulverize entire sample |
| LOG-24 | Pulp Login - Rcd w/o Barcode |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



ALS Chemex

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TO: CHAPLEAU RESOURCES
104-135 10TH AVE S
CRANBROOK BC V1C 2N1

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Date : 8-Oct-2003
Account: NJY

Project : Z-03-15/16

CERTIFICATE OF ANALYSIS VA03038530

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M171214 | | 1.18 | <0.05 | <0.05 | <0.05 | <0.001 | 21.00 | 1072.0 | 0.01 | <0.01 | <0.2 | 0.27 | <2 | <10 | 150 | <0.5 |
| M171215 | | 1.12 | <0.05 | <0.05 | <0.05 | <0.001 | 9.21 | 1144.0 | <0.01 | <0.01 | <0.2 | 0.44 | <2 | <10 | 110 | <0.5 |
| M171216 | | 1.36 | <0.05 | 0.35 | <0.05 | 0.013 | 36.70 | 1281.5 | <0.01 | 0.01 | <0.2 | 0.29 | <2 | <10 | 90 | <0.5 |
| M171217 | | 1.26 | <0.05 | <0.05 | <0.05 | <0.001 | 10.10 | 913.7 | <0.01 | <0.01 | <0.2 | 0.23 | <2 | <10 | 40 | <0.5 |
| M171218 | | 1.22 | <0.05 | 0.67 | <0.05 | 0.007 | 10.50 | 1156.0 | 0.01 | 0.01 | 0.4 | 0.25 | <2 | <10 | 150 | <0.5 |
| M171219 | | 1.22 | <0.05 | <0.05 | <0.05 | <0.001 | 29.14 | 1172.0 | <0.01 | <0.01 | <0.2 | 0.22 | <2 | <10 | 50 | <0.5 |
| M171220 | | 1.26 | <0.05 | <0.05 | <0.05 | <0.001 | 8.24 | 1208.0 | 0.05 | 0.01 | <0.2 | 0.16 | <2 | <10 | 50 | <0.5 |
| M171221 | | 1.74 | <0.05 | <0.05 | <0.05 | <0.001 | 11.98 | 1688.5 | <0.01 | <0.01 | <0.2 | 0.17 | <2 | <10 | 50 | <0.5 |
| M171222 | | 1.96 | <0.05 | <0.05 | <0.05 | <0.001 | 7.50 | 1888.5 | <0.01 | <0.01 | <0.2 | 0.22 | <2 | <10 | 70 | <0.5 |
| M171223 | | 1.56 | <0.05 | <0.05 | <0.05 | <0.001 | 14.05 | 1486.5 | 0.01 | <0.01 | <0.2 | 0.40 | <2 | <10 | 640 | 0.5 |
| M171224 | | 3.06 | 0.75 | 7.47 | 0.73 | 0.069 | 9.24 | 2818 | 0.64 | 0.82 | 0.2 | 0.36 | <2 | <10 | 400 | <0.5 |
| M171225 | | 2.68 | <0.05 | <0.05 | <0.05 | <0.001 | 6.69 | 3395 | <0.01 | <0.01 | <0.2 | 0.34 | <2 | <10 | 220 | <0.5 |
| M171226 | | 2.74 | <0.05 | <0.05 | <0.05 | <0.001 | 27.93 | 2616 | 0.01 | 0.04 | <0.2 | 0.30 | <2 | <10 | 320 | <0.5 |
| M171227 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 9.26 | 9.08 | 20.4 | 1.86 | 16 | <10 | 90 | <0.5 |
| M171228 | | 2.46 | <0.05 | <0.05 | <0.05 | <0.001 | 3.61 | 2265 | 0.01 | 0.03 | <0.2 | 0.37 | <2 | <10 | 130 | <0.5 |
| M171229 | | 1.92 | 0.86 | 6.08 | 0.81 | 0.115 | 18.93 | 1843.0 | 0.80 | 0.82 | 0.5 | 0.32 | <2 | <10 | 220 | <0.5 |
| M171230 | | 3.06 | <0.05 | <0.05 | <0.05 | <0.001 | 10.63 | 2957 | <0.01 | <0.01 | <0.2 | 0.31 | <2 | <10 | 220 | <0.5 |
| M171231 | | 1.06 | 0.42 | 0.99 | 0.40 | 0.036 | 36.32 | 957.8 | 0.40 | 0.40 | <0.2 | 0.31 | <2 | <10 | 270 | <0.5 |
| M171232 | | 1.04 | 2.24 | 3.21 | 2.22 | 0.073 | 22.71 | 962.9 | 2.17 | 2.26 | 0.2 | 0.25 | 2 | <10 | 120 | <0.5 |
| M171233 | | 1.28 | 1.41 | 24.5 | 1.16 | 0.327 | 13.33 | 1198.5 | 1.01 | 1.30 | <0.2 | 0.28 | <2 | <10 | 270 | <0.5 |
| M171234 | | 1.30 | 1.07 | 6.82 | 1.00 | 0.103 | 15.11 | 1247.5 | 0.99 | 1.01 | 0.5 | 0.29 | <2 | <10 | 530 | <0.5 |
| M171235 | | 1.22 | <0.05 | 0.31 | <0.05 | 0.006 | 19.19 | 948.4 | 0.02 | 0.03 | <0.2 | 0.36 | <2 | <10 | 100 | <0.5 |
| M171236 | | 2.64 | <0.05 | 0.10 | <0.05 | 0.003 | 29.54 | 2497 | <0.01 | <0.01 | 0.2 | 0.34 | <2 | <10 | 120 | <0.5 |
| M171237 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 2.86 | 3.04 | <0.2 | 0.75 | 2330 | 10 | 150 | 1.0 |
| M171238 | | 2.84 | 0.24 | 0.73 | 0.24 | 0.010 | 13.76 | 2668 | 0.24 | 0.23 | <0.2 | 0.38 | 6 | <10 | 150 | <0.5 |
| M171239 | | 1.48 | 0.69 | 2.02 | 0.68 | 0.028 | 13.85 | 1415.0 | 0.67 | 0.68 | <0.2 | 0.26 | 7 | <10 | 610 | <0.5 |
| M171240 | | 1.28 | 0.73 | 2.86 | 0.68 | 0.080 | 27.94 | 1203.5 | 0.67 | 0.69 | 0.9 | 0.28 | 2 | <10 | 90 | <0.5 |
| M171241 | | 2.68 | 0.38 | 1.93 | 0.35 | 0.069 | 35.66 | 1796.0 | 0.45 | 0.24 | <0.2 | 0.38 | <2 | <10 | 170 | <0.5 |
| M171242 | | 3.02 | <0.05 | <0.05 | <0.05 | <0.001 | 20.09 | 2802 | <0.01 | <0.01 | <0.2 | 0.35 | <2 | <10 | 120 | <0.5 |
| M171243 | | 3.32 | 0.17 | 0.98 | 0.17 | 0.029 | 29.54 | 3119 | 0.17 | 0.16 | <0.2 | 0.47 | <2 | <10 | 120 | <0.5 |
| M171244 | | 2.96 | 0.32 | 6.00 | 0.29 | 0.101 | 16.82 | 2814 | 0.29 | 0.28 | <0.2 | 0.45 | <2 | <10 | 110 | <0.5 |
| M171245 | | 1.40 | <0.05 | <0.05 | <0.05 | <0.001 | 14.01 | 1353.5 | <0.01 | 0.02 | <0.2 | 0.40 | <2 | <10 | 100 | <0.5 |
| M171246 | | 1.68 | 0.44 | 0.84 | 0.44 | 0.012 | 14.25 | 1593.5 | 0.54 | 0.34 | <0.2 | 0.50 | <2 | <10 | 70 | <0.5 |
| M171247 | | 2.54 | 0.39 | 1.55 | 0.39 | 0.030 | 19.34 | 2450 | 0.34 | 0.43 | 0.3 | 0.36 | <2 | <10 | 110 | <0.5 |
| M171248 | | 1.54 | 0.31 | 0.29 | 0.32 | 0.007 | 24.53 | 1457.0 | 0.32 | 0.31 | <0.2 | 0.45 | <2 | <10 | 180 | <0.5 |
| M171249 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 2.88 | 2.99 | <0.2 | 0.77 | 2320 | 10 | 160 | 1.1 |
| M171250 | | 0.66 | 0.62 | 5.17 | 0.59 | 0.026 | 5.03 | 631.1 | 0.59 | 0.58 | <0.2 | 0.49 | 5 | <10 | 540 | <0.5 |
| M171251 | | 1.26 | 0.96 | 7.84 | 0.91 | 0.070 | 8.93 | 1195.0 | 0.92 | 0.90 | <0.2 | 0.43 | 4 | <10 | 590 | 0.5 |
| M171252 | | 1.42 | 0.60 | 5.88 | 0.56 | 0.066 | 11.23 | 1353.5 | 0.52 | 0.60 | 0.2 | 0.46 | 3 | <10 | 550 | 0.5 |
| M171253 | | 1.18 | 0.15 | 0.13 | 0.15 | 0.002 | 15.60 | 1131.5 | 0.12 | 0.18 | <0.2 | 0.45 | <2 | <10 | 250 | <0.5 |

Comments: NSS is non-sufficient sample.



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Date : 8-Oct-2003
Account: NJY

Project : Z-03-15/16

CERTIFICATE OF ANALYSIS VA03038530

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M171254 | | 2.22 | 0.14 | 0.10 | 0.14 | 0.003 | 30.64 | 2132 | 0.10 | 0.18 | <0.2 | 0.35 | 6 | <10 | 140 | <0.5 |
| M171255 | | 1.44 | <0.05 | <0.05 | <0.05 | <0.001 | 28.28 | 1387.5 | 0.04 | 0.04 | <0.2 | 0.26 | 3 | <10 | 70 | <0.5 |
| M171256 | | 1.22 | 0.12 | 0.17 | 0.12 | 0.005 | 29.89 | 1165.0 | 0.11 | 0.12 | <0.2 | 0.32 | 4 | <10 | 120 | <0.5 |
| M171257 | | 1.48 | <0.05 | <0.05 | <0.05 | <0.001 | 23.43 | 1401.0 | 0.03 | 0.05 | <0.2 | 0.45 | 4 | <10 | 200 | <0.5 |
| M171258 | | 1.32 | 0.45 | 0.20 | 0.46 | 0.005 | 25.24 | 1257.0 | 0.42 | 0.50 | <0.2 | 0.34 | <2 | <10 | 90 | <0.5 |
| M171259 | | 1.38 | 0.47 | 2.68 | 0.45 | 0.043 | 16.02 | 1324.5 | 0.46 | 0.43 | 0.2 | 0.33 | <2 | <10 | 100 | <0.5 |
| M171260 | | 1.22 | 0.38 | 0.73 | 0.37 | 0.017 | 23.40 | 1143.0 | 0.40 | 0.34 | <0.2 | 0.32 | <2 | <10 | 30 | <0.5 |
| M171261 | | 1.52 | 0.44 | 1.13 | 0.44 | 0.020 | 17.76 | 1414.0 | 0.43 | 0.44 | 0.3 | 0.34 | <2 | <10 | 80 | <0.5 |
| M171262 | | 1.36 | 0.61 | 1.28 | 0.60 | 0.025 | 19.55 | 1281.5 | 0.52 | 0.67 | 0.2 | 0.32 | <2 | <10 | 90 | <0.5 |
| M171263 | | 1.62 | 0.33 | 0.66 | 0.32 | 0.016 | 24.10 | 1521.5 | 0.34 | 0.30 | <0.2 | 0.39 | <2 | <10 | 100 | <0.5 |
| M171264 | | 1.14 | 0.27 | 0.19 | 0.28 | 0.004 | 21.13 | 1096.5 | 0.26 | 0.29 | <0.2 | 0.36 | <2 | <10 | 120 | <0.5 |
| M171265 | | 1.52 | 0.29 | 0.64 | 0.29 | 0.013 | 20.39 | 1432.5 | 0.25 | 0.33 | <0.2 | 0.44 | 8 | <10 | 160 | <0.5 |
| M171266 | | 1.14 | 0.17 | 0.20 | 0.17 | 0.005 | 24.51 | 1088.5 | 0.17 | 0.16 | <0.2 | 0.44 | 2 | <10 | 210 | <0.5 |
| M171267 | | 1.68 | 0.50 | 1.38 | 0.49 | 0.031 | 22.53 | 1581.5 | 0.45 | 0.52 | 0.2 | 0.38 | 2 | <10 | 140 | <0.5 |
| M171268 | | 1.06 | 0.62 | 3.71 | 0.55 | 0.081 | 21.84 | 995.6 | 0.46 | 0.64 | <0.2 | 0.36 | <2 | <10 | 50 | <0.5 |
| M171269 | | 1.42 | 2.71 | 10.45 | 2.58 | 0.235 | 22.50 | 1336.5 | 2.44 | 2.72 | 0.3 | 0.55 | 9 | <10 | 320 | 0.5 |
| M171270 | | 1.02 | 0.97 | 3.31 | 0.94 | 0.046 | 13.91 | 965.5 | 0.93 | 0.95 | <0.2 | 0.23 | 10 | <10 | 90 | <0.5 |
| M171271 | | 1.46 | 1.05 | 4.78 | 1.01 | 0.079 | 16.52 | 1388.0 | 0.94 | 1.07 | 0.2 | 0.40 | 2 | <10 | 180 | <0.5 |
| M171272 | | 1.18 | 0.35 | 0.38 | 0.35 | 0.009 | 23.66 | 1127.0 | 0.30 | 0.39 | 0.4 | 0.28 | <2 | <10 | 140 | <0.5 |
| M171273 | | 2.52 | 0.24 | 0.94 | 0.24 | 0.016 | 17.06 | 2395 | 0.17 | 0.30 | <0.2 | 0.51 | <2 | <10 | 180 | 0.5 |
| M171274 | | 2.04 | 0.18 | 0.13 | 0.19 | 0.004 | 30.08 | 1900.0 | 0.15 | 0.22 | <0.2 | 0.32 | <2 | <10 | 1150 | <0.5 |
| M171275 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 2.54 | 3.08 | <0.2 | 0.75 | 2330 | 10 | 160 | 1.1 |
| M171276 | | 2.48 | 0.20 | 0.83 | 0.19 | 0.026 | 31.46 | 2337 | 0.24 | 0.14 | <0.2 | 0.31 | 7 | <10 | 160 | <0.5 |
| M171277 | | 2.62 | 0.46 | 2.62 | 0.43 | 0.093 | 35.53 | 2470 | 0.54 | 0.31 | <0.2 | 0.36 | 2 | <10 | 230 | <0.5 |
| M171278 | | 2.78 | <0.05 | 0.06 | <0.05 | 0.002 | 33.05 | 2656 | 0.01 | 0.01 | <0.2 | 0.27 | <2 | <10 | 200 | <0.5 |
| M171279 | | 2.42 | 0.05 | <0.05 | 0.06 | <0.001 | 31.52 | 2294 | 0.07 | 0.04 | <0.2 | 0.36 | <2 | <10 | 340 | 0.5 |
| M171280 | | 2.28 | 0.08 | <0.05 | 0.08 | <0.001 | 27.60 | 2086 | 0.08 | 0.08 | <0.2 | 0.32 | <2 | <10 | 240 | <0.5 |

Comments: NSS is non-sufficient sample.



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CERTIFICATE OF ANALYSIS VA03038530

| Sample Description | Method Analyte Units LOR | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 |
|--------------------|-----------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M171214 | | <2 | 0.06 | <0.5 | 4 | 110 | 6 | 0.87 | <10 | <1 | 0.15 | 20 | 0.04 | 138 | 1 | 0.04 |
| M171215 | | <2 | 0.02 | <0.5 | 4 | 189 | 6 | 1.08 | <10 | 1 | 0.24 | 30 | 0.05 | 192 | 1 | 0.03 |
| M171216 | | <2 | 0.04 | <0.5 | 2 | 101 | 3 | 0.78 | <10 | <1 | 0.15 | 20 | 0.04 | 151 | <1 | 0.04 |
| M171217 | | <2 | 0.01 | <0.5 | 1 | 122 | 2 | 0.46 | <10 | <1 | 0.12 | 20 | 0.02 | 72 | 1 | 0.05 |
| M171218 | | <2 | 0.01 | <0.5 | 3 | 182 | 14 | 0.88 | <10 | <1 | 0.10 | 20 | 0.02 | 202 | 2 | 0.08 |
| M171219 | | <2 | 0.01 | <0.5 | 2 | 111 | 2 | 0.62 | <10 | <1 | 0.12 | 30 | 0.02 | 195 | <1 | 0.04 |
| M171220 | | <2 | 0.01 | <0.5 | 2 | 126 | 6 | 0.67 | <10 | <1 | 0.10 | 30 | 0.02 | 205 | 1 | 0.01 |
| M171221 | | <2 | 0.01 | <0.5 | 3 | 108 | 2 | 0.80 | <10 | <1 | 0.05 | 30 | 0.03 | 201 | 1 | 0.04 |
| M171222 | | <2 | 0.01 | <0.5 | 4 | 90 | 2 | 0.75 | <10 | <1 | 0.09 | 30 | 0.03 | 235 | <1 | 0.04 |
| M171223 | | <2 | 0.07 | <0.5 | 7 | 67 | 3 | 1.36 | <10 | <1 | 0.25 | 50 | 0.04 | 387 | <1 | 0.01 |
| M171224 | | <2 | 0.03 | <0.5 | 7 | 49 | 4 | 1.64 | <10 | <1 | 0.25 | 30 | 0.10 | 306 | 1 | 0.01 |
| M171225 | | <2 | 0.05 | <0.5 | 6 | 79 | 2 | 1.21 | <10 | <1 | 0.22 | 30 | 0.18 | 226 | <1 | 0.02 |
| M171226 | | <2 | 0.02 | <0.5 | 3 | 103 | 4 | 1.10 | <10 | 1 | 0.16 | 30 | 0.04 | 105 | <1 | 0.05 |
| M171227 | | <2 | 1.24 | 3.2 | 19 | 26 | 163 | 3.61 | 10 | 1 | 0.26 | 10 | 0.93 | 806 | 25 | 0.06 |
| M171228 | | <2 | 0.11 | <0.5 | 5 | 57 | 1 | 2.00 | <10 | <1 | 0.21 | 30 | 0.08 | 272 | 1 | 0.01 |
| M171229 | | <2 | 0.13 | <0.5 | 9 | 61 | 15 | 1.78 | <10 | 1 | 0.21 | 40 | 0.07 | 812 | <1 | <0.01 |
| M171230 | | <2 | 0.05 | <0.5 | 6 | 81 | 2 | 1.00 | <10 | <1 | 0.20 | 40 | 0.04 | 243 | <1 | 0.01 |
| M171231 | | <2 | 0.03 | <0.5 | 10 | 64 | 5 | 2.11 | <10 | <1 | 0.19 | 40 | 0.04 | 1315 | <1 | 0.01 |
| M171232 | | <2 | 0.01 | <0.5 | 14 | 69 | 19 | 4.06 | <10 | <1 | 0.18 | 40 | 0.03 | 249 | 1 | <0.01 |
| M171233 | | <2 | 0.06 | <0.5 | 7 | 116 | 4 | 2.04 | <10 | 1 | 0.20 | 30 | 0.06 | 634 | 1 | <0.01 |
| M171234 | | <2 | 0.11 | <0.5 | 8 | 54 | 14 | 1.86 | <10 | <1 | 0.21 | 20 | 0.15 | 1050 | 1 | <0.01 |
| M171235 | | <2 | 0.09 | <0.5 | 8 | 34 | 3 | 1.91 | <10 | <1 | 0.19 | 30 | 0.07 | 382 | 1 | 0.01 |
| M171236 | | <2 | 0.14 | <0.5 | 8 | 45 | 1 | 2.02 | <10 | <1 | 0.20 | 40 | 0.21 | 286 | <1 | 0.01 |
| M171237 | | <2 | 0.02 | <0.5 | 1 | 36 | 35 | 2.78 | <10 | 1 | 0.30 | 30 | 0.03 | 44 | 3 | 0.01 |
| M171238 | | <2 | 0.06 | <0.5 | 9 | 52 | 6 | 1.52 | <10 | <1 | 0.24 | 30 | 0.05 | 618 | <1 | <0.01 |
| M171239 | | <2 | 0.03 | <0.5 | 5 | 32 | 6 | 1.50 | <10 | 1 | 0.20 | 30 | 0.02 | 140 | <1 | <0.01 |
| M171240 | | <2 | <0.01 | <0.5 | 7 | 55 | 4 | 1.13 | <10 | <1 | 0.19 | 20 | 0.02 | 471 | 1 | <0.01 |
| M171241 | | <2 | 0.05 | <0.5 | 8 | 33 | 3 | 1.33 | <10 | <1 | 0.21 | 30 | 0.05 | 610 | 1 | 0.01 |
| M171242 | | <2 | 0.06 | <0.5 | 5 | 52 | 1 | 1.12 | <10 | <1 | 0.19 | 30 | 0.06 | 333 | <1 | 0.02 |
| M171243 | | <2 | 0.06 | <0.5 | 5 | 77 | 9 | 1.02 | <10 | 1 | 0.27 | 40 | 0.06 | 515 | 1 | 0.02 |
| M171244 | | <2 | 0.06 | <0.5 | 4 | 140 | 3 | 1.10 | <10 | <1 | 0.24 | 30 | 0.06 | 362 | <1 | 0.02 |
| M171245 | | <2 | 0.11 | <0.5 | 6 | 115 | 3 | 1.11 | <10 | <1 | 0.25 | 40 | 0.16 | 341 | 1 | 0.03 |
| M171246 | | <2 | 0.07 | <0.5 | 2 | 77 | 5 | 1.08 | <10 | <1 | 0.31 | 30 | 0.03 | 106 | <1 | 0.01 |
| M171247 | | <2 | 0.05 | <0.5 | 5 | 87 | 5 | 1.21 | <10 | 1 | 0.25 | 20 | 0.06 | 229 | 1 | 0.01 |
| M171248 | | <2 | 0.04 | <0.5 | 6 | 88 | 4 | 1.29 | <10 | <1 | 0.30 | 20 | 0.03 | 387 | <1 | 0.01 |
| M171249 | | <2 | 0.02 | <0.5 | 1 | 39 | 35 | 2.85 | <10 | 1 | 0.31 | 30 | 0.03 | 46 | 3 | 0.01 |
| M171250 | | <2 | 0.01 | <0.5 | 5 | 118 | 5 | 1.92 | <10 | 1 | 0.29 | 30 | 0.03 | 457 | 1 | 0.01 |
| M171251 | | <2 | 0.02 | <0.5 | 9 | 148 | 7 | 2.09 | <10 | 1 | 0.26 | 30 | 0.03 | 998 | 1 | <0.01 |
| M171252 | | <2 | 0.01 | <0.5 | 8 | 81 | 5 | 2.09 | <10 | <1 | 0.28 | 30 | 0.03 | 718 | 1 | <0.01 |
| M171253 | | <2 | 0.06 | <0.5 | 4 | 102 | 2 | 0.94 | <10 | <1 | 0.26 | 30 | 0.05 | 357 | <1 | 0.01 |

Comments: NSS is non-sufficient sample.



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CERTIFICATE OF ANALYSIS VA03038530

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------------|-----------------|------------------|----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|
| | | Bi ppm 2 | Ca % 0.01 | Cd ppm 0.5 | Co ppm 1 | Cr ppm 1 | Cu ppm 1 | Fe % 0.01 | Ga ppm 10 | Hg ppm 1 | K % 0.01 | La ppm 10 | Mg % 0.01 | Mn ppm 5 | Mo ppm 1 | Na % 0.01 |
| M171254 | | <2 | 0.01 | <0.5 | 5 | 205 | 5 | 1.01 | <10 | <1 | 0.20 | 30 | 0.02 | 470 | <1 | 0.01 |
| M171255 | | 2 | <0.01 | <0.5 | 2 | 170 | 4 | 0.54 | <10 | <1 | 0.16 | 20 | 0.01 | 108 | <1 | 0.01 |
| M171256 | | <2 | <0.01 | <0.5 | 4 | 176 | 4 | 0.84 | <10 | <1 | 0.23 | 40 | 0.02 | 275 | 2 | <0.01 |
| M171257 | | 2 | 0.01 | <0.5 | 8 | 124 | 4 | 0.98 | <10 | <1 | 0.30 | 30 | 0.04 | 801 | <1 | <0.01 |
| M171258 | | <2 | <0.01 | <0.5 | 1 | 92 | 3 | 0.99 | <10 | <1 | 0.25 | 30 | 0.02 | 35 | <1 | <0.01 |
| M171259 | | <2 | <0.01 | <0.5 | 1 | 137 | 2 | 0.86 | <10 | <1 | 0.24 | 30 | 0.02 | 30 | 1 | <0.01 |
| M171260 | | <2 | <0.01 | <0.5 | 1 | 104 | 2 | 0.63 | <10 | <1 | 0.21 | 40 | 0.02 | 21 | <1 | <0.01 |
| M171261 | | <2 | <0.01 | <0.5 | <1 | 113 | 1 | 0.62 | <10 | <1 | 0.27 | 30 | 0.02 | 13 | <1 | <0.01 |
| M171262 | | <2 | <0.01 | <0.5 | <1 | 134 | 1 | 0.47 | <10 | <1 | 0.24 | 30 | 0.02 | 12 | <1 | <0.01 |
| M171263 | | <2 | <0.01 | <0.5 | <1 | 118 | 1 | 0.58 | <10 | <1 | 0.27 | 30 | 0.03 | 11 | <1 | 0.01 |
| M171264 | | <2 | 0.03 | <0.5 | 2 | 156 | 5 | 0.98 | <10 | <1 | 0.22 | 20 | 0.02 | 26 | 1 | 0.01 |
| M171265 | | <2 | 0.01 | <0.5 | 8 | 144 | 13 | 1.61 | <10 | 1 | 0.25 | 30 | 0.03 | 616 | 1 | 0.01 |
| M171266 | | <2 | 0.03 | <0.5 | 8 | 134 | 6 | 1.84 | <10 | <1 | 0.23 | 30 | 0.03 | 777 | <1 | 0.01 |
| M171267 | | <2 | 0.01 | <0.5 | 3 | 127 | 9 | 1.18 | <10 | <1 | 0.24 | 20 | 0.02 | 251 | <1 | 0.01 |
| M171268 | | <2 | <0.01 | <0.5 | 2 | 81 | 2 | 0.70 | <10 | <1 | 0.26 | 20 | 0.02 | 16 | <1 | <0.01 |
| M171269 | | <2 | <0.01 | <0.5 | 3 | 190 | 8 | 2.30 | <10 | 1 | 0.38 | 30 | 0.04 | 64 | 1 | <0.01 |
| M171270 | | <2 | <0.01 | <0.5 | 2 | 186 | 6 | 1.54 | <10 | <1 | 0.19 | 30 | 0.02 | 53 | <1 | <0.01 |
| M171271 | | <2 | <0.01 | <0.5 | 3 | 162 | 6 | 2.11 | <10 | 1 | 0.29 | 40 | 0.03 | 112 | <1 | <0.01 |
| M171272 | | <2 | 0.01 | <0.5 | 2 | 136 | 4 | 0.97 | <10 | <1 | 0.17 | 20 | 0.02 | 143 | 1 | 0.01 |
| M171273 | | <2 | 0.01 | <0.5 | 8 | 149 | 4 | 1.18 | <10 | <1 | 0.24 | 40 | 0.03 | 687 | 1 | 0.01 |
| M171274 | | <2 | <0.01 | <0.5 | 6 | 97 | 6 | 0.93 | <10 | <1 | 0.21 | 30 | 0.02 | 621 | <1 | <0.01 |
| M171275 | | <2 | 0.02 | <0.5 | <1 | 38 | 34 | 2.83 | <10 | <1 | 0.30 | 30 | 0.03 | 46 | 3 | 0.01 |
| M171276 | | <2 | 0.02 | <0.5 | 2 | 132 | 6 | 0.86 | <10 | 1 | 0.21 | 20 | 0.07 | 276 | 1 | 0.01 |
| M171277 | | <2 | 0.02 | <0.5 | 4 | 94 | 7 | 0.89 | <10 | <1 | 0.23 | 30 | 0.04 | 318 | <1 | 0.02 |
| M171278 | | <2 | 0.08 | <0.5 | 3 | 95 | 6 | 0.86 | <10 | <1 | 0.17 | 30 | 0.17 | 217 | <1 | 0.03 |
| M171279 | | <2 | 0.15 | <0.5 | 6 | 39 | 1 | 1.10 | <10 | <1 | 0.23 | 30 | 0.22 | 395 | <1 | 0.02 |
| M171280 | | <2 | 0.15 | <0.5 | 4 | 77 | 1 | 0.84 | <10 | <1 | 0.22 | 30 | 0.26 | 392 | <1 | 0.02 |

Comments: NSS is non-sufficient sample.



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Date : 8-Oct-2003
Account: NJY

Project : Z-03-15/16

CERTIFICATE OF ANALYSIS VA03038530

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 | ME-ICP41 Ti % 0.01 | ME-ICP41 Ti ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 |
|--------------------|-----------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|
| M171214 | | 4 | 150 | 12 | 0.03 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 19 |
| M171215 | | 7 | 130 | 6 | 0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 4 | <10 | 23 |
| M171216 | | 4 | 80 | 5 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 16 |
| M171217 | | 4 | 60 | 22 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 9 |
| M171218 | | 4 | 50 | 43 | 0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 17 |
| M171219 | | 2 | 50 | 3 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 14 |
| M171220 | | 4 | 60 | 5 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 13 |
| M171221 | | 4 | 70 | 7 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 15 |
| M171222 | | 3 | 80 | 5 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 18 |
| M171223 | | 7 | 520 | 4 | 0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 3 | <10 | 34 |
| M171224 | | 8 | 240 | 29 | 0.09 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 32 |
| M171225 | | 9 | 280 | 3 | 0.04 | <2 | 1 | 6 | <0.01 | <10 | <10 | 3 | <10 | 27 |
| M171226 | | 6 | 130 | 9 | 0.07 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 14 |
| M171227 | | 19 | 630 | 34 | 1.02 | <2 | 7 | 61 | 0.08 | <10 | <10 | 74 | <10 | 101 |
| M171228 | | 7 | 500 | 8 | <0.01 | <2 | 1 | 5 | 0.01 | <10 | <10 | 4 | <10 | 28 |
| M171229 | | 11 | 660 | 99 | <0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 46 |
| M171230 | | 5 | 210 | 4 | <0.01 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 22 |
| M171231 | | 13 | 420 | 14 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 35 |
| M171232 | | 14 | 560 | 73 | 0.02 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 19 |
| M171233 | | 10 | 510 | 28 | 0.14 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 28 |
| M171234 | | 10 | 550 | 75 | 0.14 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 46 |
| M171235 | | 9 | 520 | 3 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 47 |
| M171236 | | 9 | 330 | 2 | <0.01 | <2 | 1 | 8 | 0.01 | <10 | <10 | 4 | <10 | 45 |
| M171237 | | 6 | 230 | 30 | 0.02 | 104 | 7 | 72 | <0.01 | <10 | <10 | 11 | <10 | 15 |
| M171238 | | 10 | 400 | 18 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 26 |
| M171239 | | 5 | 410 | 13 | 0.02 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 8 |
| M171240 | | 7 | 110 | 16 | 0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 7 |
| M171241 | | 10 | 320 | 11 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 28 |
| M171242 | | 7 | 140 | 2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 28 |
| M171243 | | 5 | 300 | 19 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 23 |
| M171244 | | 8 | 210 | 8 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 3 | <10 | 19 |
| M171245 | | 8 | 160 | 8 | 0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 4 | <10 | 23 |
| M171246 | | 4 | 480 | 8 | 0.17 | <2 | 1 | 4 | <0.01 | <10 | <10 | 4 | <10 | 10 |
| M171247 | | 7 | 260 | 119 | 0.45 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 9 |
| M171248 | | 6 | 380 | 9 | 0.25 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 14 |
| M171249 | | 5 | 250 | 33 | 0.02 | 112 | 7 | 76 | <0.01 | <10 | <10 | 12 | <10 | 16 |
| M171250 | | 6 | 480 | 7 | 0.14 | <2 | 1 | 5 | <0.01 | <10 | <10 | 4 | <10 | 15 |
| M171251 | | 6 | 530 | 14 | 0.03 | <2 | 1 | 7 | <0.01 | <10 | <10 | 3 | <10 | 18 |
| M171252 | | 8 | 430 | 10 | 0.08 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 22 |
| M171253 | | 6 | 500 | 3 | 0.02 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 15 |

Comments: NSS is non-sufficient sample.



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Page #: 3 - C
Total # of pages: 3 (A - C)
Date: 8-Oct-2003
Account: NJY

Project: Z-03-15/16

CERTIFICATE OF ANALYSIS VA03038530

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | |
|--------------------|-----------------------------------|----------|-----------|----------|-----------|----------|----------|----------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Ti | U | V | W | Zn |
| | | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 | ppm 1 | ppm 1 | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| M171254 | | 7 | 230 | 27 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 17 |
| M171255 | | 3 | 60 | 75 | <0.01 | <2 | <1 | 1 | <0.01 | <10 | <10 | 1 | <10 | 12 |
| M171256 | | 5 | 90 | 48 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 22 |
| M171257 | | 7 | 140 | 24 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 3 | <10 | 16 |
| M171258 | | 3 | 110 | 8 | 0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 7 |
| M171259 | | 2 | 80 | 21 | 0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 3 |
| M171260 | | 2 | 90 | 8 | 0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 3 |
| M171261 | | 2 | 230 | 17 | 0.04 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 3 |
| M171262 | | 1 | 180 | 10 | 0.03 | <2 | <1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 3 |
| M171263 | | 2 | 170 | 5 | 0.04 | <2 | 1 | 2 | <0.01 | <10 | <10 | 3 | <10 | 2 |
| M171264 | | 4 | 360 | 5 | 0.28 | <2 | 1 | 4 | <0.01 | <10 | <10 | 3 | <10 | 6 |
| M171265 | | 8 | 460 | 12 | 0.19 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 21 |
| M171266 | | 7 | 390 | 4 | 0.02 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 18 |
| M171267 | | 4 | 170 | 5 | 0.28 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 5 |
| M171268 | | 3 | 120 | 10 | 0.35 | <2 | 1 | 2 | <0.01 | <10 | <10 | 3 | <10 | 3 |
| M171269 | | 7 | 670 | 13 | 0.08 | <2 | 1 | 4 | <0.01 | <10 | <10 | 4 | <10 | 11 |
| M171270 | | 5 | 300 | 13 | 0.02 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 9 |
| M171271 | | 4 | 370 | 9 | 0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 3 | <10 | 10 |
| M171272 | | 3 | 110 | 6 | 0.23 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| M171273 | | 7 | 210 | 6 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 29 |
| M171274 | | 6 | 110 | 30 | 0.07 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 23 |
| M171275 | | 8 | 240 | 32 | 0.02 | 104 | 7 | 72 | <0.01 | <10 | <10 | 11 | <10 | 15 |
| M171276 | | 3 | 70 | 18 | 0.18 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 16 |
| M171277 | | 5 | 130 | 13 | 0.08 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 21 |
| M171278 | | 5 | 110 | 4 | 0.03 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 18 |
| M171279 | | 6 | 170 | 2 | 0.01 | <2 | 1 | 9 | <0.01 | <10 | <10 | 3 | <10 | 23 |
| M171280 | | 6 | 160 | 2 | 0.01 | <2 | 1 | 9 | <0.01 | <10 | <10 | 3 | <10 | 17 |

Comments: NSS is non-sufficient sample.



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Page #: 1
Date : 13-Oct-2003
Account: NJY

CERTIFICATE VA03038860

Project : Z-03-15/16

P.O. No:

This report is for 104 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 1-Oct-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rod w/o BarCode |
| CRU-21 | Crush entire sample 70% < 6 mm |
| PUL-21 | Pulverize entire sample |
| LOG-24 | Pulp Login - Rcd w/o Barcode |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-SCRa | Au Screen FA - Over Wt. A | WST-SIM |
| Ag-AA46 | Ore grade Ag - aqua regia/AA | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |
| Pb-AA46 | Ore grade Pb - aqua regia/AA | AAS |
| Zn-AA46 | Ore grade Zn - aqua regia/AA | AAS |
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Total # of pages : 4 (A - D)
Date : 13-Oct-2003
Account: NJY

Project : Z-03-15/16

CERTIFICATE OF ANALYSIS VA03038860

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | Au-AA25D Au Check ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|-------------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M171281 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 0.75 | 0.76 | | 2.6 | 1.95 | 5 | 10 | 40 |
| M171282 | | 2.52 | <0.05 | <0.05 | <0.05 | <0.001 | 10.17 | 2421 | 0.03 | 0.03 | | <0.2 | 0.40 | <2 | <10 | 350 |
| M171283 | | 2.06 | 0.05 | 9.68 | <0.05 | 0.048 | 4.96 | 1971.0 | 0.03 | 0.02 | | <0.2 | 0.31 | <2 | <10 | 910 |
| M171284 | | 2.34 | 0.06 | 2.61 | 0.05 | 0.016 | 6.12 | 2247 | 0.02 | 0.08 | | <0.2 | 0.32 | <2 | <10 | 260 |
| M171285 | | 2.70 | 0.06 | 5.19 | 0.05 | 0.031 | 5.97 | 2579 | 0.04 | 0.06 | | 0.2 | 0.23 | <2 | <10 | 210 |
| M171286 | | 1.08 | 0.10 | 2.45 | 0.09 | 0.022 | 8.99 | 2375 | 0.08 | 0.10 | | <0.2 | 0.29 | <2 | <10 | 100 |
| M171287 | | 2.48 | 0.10 | 1.93 | 0.10 | 0.012 | 6.22 | 1342.0 | 0.10 | 0.09 | | 0.2 | 0.31 | 2 | <10 | 350 |
| M171288 | | 1.44 | 0.55 | 29.6 | 0.47 | 0.087 | 2.94 | 1011.5 | 0.40 | 0.53 | | <0.2 | 0.29 | 2 | <10 | 240 |
| M171289 | | 0.84 | 0.10 | 5.41 | 0.08 | 0.018 | 3.33 | 785.8 | 0.05 | 0.10 | | <0.2 | 0.25 | 2 | <10 | 100 |
| M171290 | | 1.28 | 0.17 | 6.59 | 0.13 | 0.055 | 8.35 | 1198.5 | 0.10 | 0.15 | | 2.5 | 0.31 | <2 | <10 | 80 |
| M171291 | | 1.70 | 0.27 | 4.54 | 0.26 | 0.020 | 4.41 | 1455.0 | 0.25 | 0.26 | | <0.2 | 0.48 | 3 | <10 | 160 |
| M171292 | | 1.44 | 0.42 | 14.50 | 0.33 | 0.131 | 9.02 | 1361.5 | 0.36 | 0.30 | | <0.2 | 0.30 | <2 | <10 | 150 |
| M171293 | | 1.26 | 0.32 | 9.15 | 0.24 | 0.096 | 10.49 | 1188.0 | 0.25 | 0.23 | | 0.3 | 0.25 | 2 | <10 | 120 |
| M171294 | | 1.70 | 0.21 | 3.13 | 0.19 | 0.025 | 7.98 | 1579.0 | 0.47 | 0.07 | 0.04 | <0.2 | 0.40 | <2 | <10 | 100 |
| M171295 | | 2.46 | 0.05 | 1.21 | 0.05 | 0.011 | 9.10 | 2339 | 0.06 | 0.04 | | <0.2 | 0.27 | <2 | <10 | 310 |
| M171296 | | 2.74 | 0.10 | 0.28 | 0.10 | 0.005 | 17.74 | 2612 | 0.08 | 0.12 | | <0.2 | 0.30 | <2 | <10 | 230 |
| M171297 | | 2.02 | 0.10 | 13.10 | 0.08 | 0.042 | 3.21 | 1934.5 | 0.05 | 0.11 | | <0.2 | 0.29 | <2 | <10 | 190 |
| M171298 | | 2.78 | 0.27 | 17.00 | 0.20 | 0.216 | 12.69 | 2659 | 0.09 | 0.30 | | <0.2 | 0.31 | <2 | <10 | 270 |
| M171299 | | 1.80 | 0.07 | 2.50 | 0.06 | 0.032 | 12.80 | 1709.5 | 0.03 | 0.08 | | <0.2 | 0.26 | <2 | <10 | 290 |
| M171300 | | 1.36 | 0.06 | 3.41 | <0.05 | 0.024 | 7.04 | 1282.5 | 0.05 | 0.03 | | <0.2 | 0.24 | <2 | <10 | 90 |
| M171301 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 2.73 | 3.21 | | <0.2 | 0.79 | 2340 | 10 | 150 |
| M171302 | | 1.14 | <0.05 | <0.05 | <0.05 | <0.001 | 1.69 | 1052.0 | <0.01 | <0.01 | | <0.2 | 0.38 | 4 | <10 | 80 |
| M171303 | | 1.04 | <0.05 | <0.05 | <0.05 | <0.001 | 1.74 | 979.1 | <0.01 | 0.01 | | <0.2 | 0.27 | <2 | <10 | 70 |
| M171304 | | 1.24 | <0.05 | 8.96 | <0.05 | 0.018 | 2.01 | 1168.5 | <0.01 | 0.02 | | <0.2 | 0.28 | <2 | <10 | 80 |
| M171305 | | 2.32 | <0.05 | <0.05 | <0.05 | <0.001 | 3.32 | 2225 | 0.01 | 0.01 | | <0.2 | 0.28 | <2 | <10 | 120 |
| M171306 | | 2.68 | 0.09 | 3.90 | 0.08 | 0.017 | 4.36 | 2468 | 0.05 | 0.11 | | <0.2 | 0.28 | <2 | <10 | 80 |
| M171307 | | 2.56 | <0.05 | <0.05 | 0.05 | <0.001 | 5.95 | 2444 | 0.04 | 0.05 | | <0.2 | 0.26 | <2 | <10 | 260 |
| M171308 | | 2.30 | 0.46 | 8.44 | 0.43 | 0.066 | 7.82 | 2182 | 0.70 | 0.33 | 0.27 | <0.2 | 0.46 | <2 | <10 | 380 |
| M171309 | | 2.18 | 0.24 | 17.50 | 0.16 | 0.163 | 9.32 | 2087 | 0.16 | 0.16 | | <0.2 | 0.35 | <2 | <10 | 110 |
| M171310 | | 2.32 | <0.05 | 0.50 | <0.05 | 0.013 | 26.19 | 2208 | 0.01 | 0.01 | | <0.2 | 0.38 | <2 | <10 | 90 |
| M171311 | | 2.10 | <0.05 | <0.05 | <0.05 | <0.001 | 5.24 | 2018 | <0.01 | <0.01 | | 0.2 | 0.37 | <2 | <10 | 70 |
| M171312 | | 2.66 | <0.05 | <0.05 | <0.05 | <0.001 | 3.37 | 2581 | <0.01 | <0.01 | | <0.2 | 0.29 | <2 | <10 | 110 |
| M171313 | | 2.28 | <0.05 | 0.35 | <0.05 | 0.004 | 11.30 | 2186 | <0.01 | 0.02 | | <0.2 | 0.32 | <2 | <10 | 130 |
| M171314 | | 2.76 | <0.05 | <0.05 | <0.05 | <0.001 | 22.21 | 2657 | <0.01 | <0.01 | | <0.2 | 0.28 | <2 | <10 | 70 |
| M171315 | | 2.52 | <0.05 | <0.05 | <0.05 | <0.001 | 9.86 | 2439 | <0.01 | <0.01 | | <0.2 | 0.27 | <2 | <10 | 60 |
| M171316 | | 2.46 | <0.05 | <0.05 | <0.05 | <0.001 | 9.61 | 2366 | <0.01 | <0.01 | | <0.2 | 0.35 | <2 | <10 | 170 |
| M171317 | | 1.84 | <0.05 | <0.05 | <0.05 | <0.001 | 11.89 | 1751.5 | 0.02 | 0.01 | | <0.2 | 0.26 | <2 | <10 | 240 |
| M171318 | | 3.10 | 0.13 | 0.65 | 0.13 | 0.016 | 24.49 | 3001 | 0.22 | 0.04 | | <0.2 | 0.27 | <2 | <10 | 90 |
| M171319 | | 2.36 | <0.05 | <0.05 | <0.05 | <0.001 | 19.80 | 2265 | 0.01 | <0.01 | | <0.2 | 0.26 | <2 | <10 | 190 |
| M171320 | | 2.74 | <0.05 | 0.46 | <0.05 | 0.006 | 12.96 | 2657 | 0.04 | 0.03 | | <0.2 | 0.24 | <2 | <10 | 70 |

Comments: NSS is non-sufficient sample.



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Page #: 3 - A
Total # of pages : 4 (A - D)
Date : 13-Oct-2003
Account: NJY

Project : Z-03-15/16

CERTIFICATE OF ANALYSIS VA03038860

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | Au-AA25D Au Check ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|-------------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M171321 | | 2.04 | <0.05 | <0.05 | <0.05 | <0.001 | 24.73 | 1938.0 | <0.01 | <0.01 | | <0.2 | 0.15 | 2 | <10 | 90 |
| M171322 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 11.20 | 11.10 | | 21.7 | 1.70 | 18 | <10 | 90 |
| M171323 | | 2.32 | <0.05 | <0.05 | <0.05 | <0.001 | 10.79 | 2414 | 0.01 | <0.01 | | <0.2 | 0.29 | <2 | <10 | 180 |
| M171324 | | 2.64 | <0.05 | <0.05 | <0.05 | <0.001 | 29.77 | 2532 | <0.01 | <0.01 | | <0.2 | 0.33 | <2 | <10 | 150 |
| M171325 | | 2.34 | <0.05 | <0.05 | <0.05 | <0.001 | 6.02 | 1979.5 | <0.01 | <0.01 | | <0.2 | 0.36 | <2 | <10 | 270 |
| M171326 | | 2.78 | <0.05 | <0.05 | <0.05 | <0.001 | 18.61 | 2598 | 0.05 | 0.02 | | <0.2 | 0.32 | <2 | <10 | 210 |
| M171327 | | 2.18 | <0.05 | <0.05 | <0.05 | <0.001 | 5.21 | 2111 | <0.01 | 0.01 | | <0.2 | 0.29 | 2 | <10 | 220 |
| M171328 | | 2.64 | <0.05 | <0.05 | <0.05 | <0.001 | 7.89 | 2522 | 0.01 | <0.01 | | <0.2 | 0.17 | <2 | <10 | 50 |
| M171329 | | 2.38 | <0.05 | <0.05 | <0.05 | <0.001 | 7.58 | 2290 | <0.01 | <0.01 | | <0.2 | 0.26 | <2 | <10 | 90 |
| M171330 | | 2.48 | <0.05 | <0.05 | <0.05 | <0.001 | 8.22 | 2402 | 0.02 | 0.03 | | <0.2 | 0.27 | <2 | <10 | 90 |
| M171331 | | 2.60 | <0.05 | 0.31 | <0.05 | 0.005 | 16.12 | 2506 | 0.01 | <0.01 | | <0.2 | 0.30 | <2 | <10 | 170 |
| M171332 | | 2.66 | <0.05 | <0.05 | <0.05 | <0.001 | 16.95 | 2568 | <0.01 | <0.01 | | <0.2 | 0.25 | <2 | <10 | 70 |
| M171333 | | 2.62 | <0.05 | <0.05 | <0.05 | <0.001 | 16.85 | 2509 | <0.01 | <0.01 | | <0.2 | 0.22 | <2 | <10 | 120 |
| M171334 | | 1.86 | 0.06 | <0.05 | 0.07 | <0.001 | 6.35 | 1784.0 | 0.02 | 0.11 | | <0.2 | 0.28 | <2 | <10 | 70 |
| M171335 | | 2.50 | <0.05 | <0.05 | <0.05 | <0.001 | 15.40 | 2399 | <0.01 | <0.01 | | <0.2 | 0.31 | <2 | <10 | 180 |
| M171336 | | 2.58 | <0.05 | <0.05 | <0.05 | <0.001 | 11.97 | 2463 | <0.01 | 0.01 | | <0.2 | 0.29 | <2 | <10 | 130 |
| M171337 | | 2.76 | <0.05 | <0.05 | <0.05 | <0.001 | 22.73 | 2648 | 0.02 | 0.02 | | <0.2 | 0.27 | <2 | <10 | 170 |
| M171338 | | 2.86 | <0.05 | <0.05 | <0.05 | <0.001 | 22.73 | 2725 | <0.01 | <0.01 | | <0.2 | 0.29 | <2 | <10 | 80 |
| M171339 | | 2.30 | 0.12 | 0.74 | 0.12 | 0.008 | 10.77 | 2193 | 0.14 | 0.09 | | <0.2 | 0.28 | <2 | <10 | 80 |
| M171340 | | 2.36 | <0.05 | <0.05 | <0.05 | <0.001 | 14.24 | 2265 | <0.01 | <0.01 | | <0.2 | 0.28 | <2 | <10 | 240 |
| M171341 | | 2.36 | <0.05 | <0.05 | <0.05 | <0.001 | 12.50 | 2258 | 0.02 | <0.01 | | <0.2 | 0.26 | <2 | <10 | 100 |
| M171342 | | 2.08 | 0.39 | 30.7 | 0.34 | 0.117 | 3.81 | 1982.0 | 0.32 | 0.35 | | <0.2 | 0.41 | <2 | <10 | 110 |
| M171343 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 3.02 | 2.74 | | <0.2 | 0.72 | 2290 | 10 | 140 |
| M171344 | | 2.32 | 0.14 | 10.25 | 0.10 | 0.091 | 8.86 | 2211 | 0.12 | 0.07 | | <0.2 | 0.32 | 3 | <10 | 240 |
| M171345 | | 1.44 | 0.34 | 5.14 | 0.32 | 0.041 | 7.97 | 1359.5 | 0.33 | 0.30 | | <0.2 | 0.31 | <2 | <10 | 70 |
| M171346 | | 1.48 | <0.05 | <0.05 | <0.05 | <0.001 | 13.94 | 1389.5 | <0.01 | <0.01 | | <0.2 | 0.39 | <2 | <10 | 170 |
| M171347 | | 0.92 | <0.05 | <0.05 | <0.05 | <0.001 | 2.71 | 859.2 | 0.01 | <0.01 | | <0.2 | 0.36 | <2 | <10 | 60 |
| M171348 | | 1.14 | <0.05 | 1.60 | <0.05 | 0.011 | 6.88 | 1072.5 | 0.04 | 0.03 | | <0.2 | 0.20 | <2 | <10 | 180 |
| M171349 | | 1.18 | <0.05 | <0.05 | <0.05 | <0.001 | 5.05 | 1109.5 | 0.07 | 0.01 | | <0.2 | 0.28 | <2 | <10 | 200 |
| M171350 | | 1.84 | <0.05 | <0.05 | <0.05 | <0.001 | 66.99 | 1687.5 | <0.01 | <0.01 | | <0.2 | 0.37 | <2 | <10 | 470 |
| M171351 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 3.05 | 2.92 | | <0.2 | 0.76 | 2300 | 10 | 150 |
| M171352 | | 2.48 | <0.05 | <0.05 | <0.05 | <0.001 | 8.40 | 2383 | <0.01 | <0.01 | | <0.2 | 0.30 | 2 | <10 | 200 |
| M171353 | | 0.80 | <0.05 | 1.15 | <0.05 | 0.003 | 2.62 | 743.3 | <0.01 | <0.01 | | <0.2 | 0.34 | <2 | <10 | 130 |
| M171354 | | 0.62 | <0.05 | <0.05 | <0.05 | <0.001 | 2.39 | 561.1 | 0.01 | 0.01 | | <0.2 | 0.44 | <2 | <10 | 120 |
| M171355 | | 1.28 | 0.08 | 2.18 | 0.07 | 0.018 | 8.24 | 1206.5 | 0.06 | 0.07 | | <0.2 | 0.18 | <2 | <10 | 210 |
| M171356 | | 1.66 | 0.12 | 0.41 | 0.12 | 0.006 | 14.62 | 1404.0 | 0.14 | 0.10 | | <0.2 | 0.29 | <2 | <10 | 120 |
| M171357 | | 1.50 | 0.17 | 1.19 | 0.15 | 0.035 | 29.30 | 1562.0 | 0.02 | 0.32 | 0.10 | <0.2 | 0.17 | <2 | <10 | 220 |
| M171358 | | 1.18 | 0.21 | 3.06 | 0.19 | 0.020 | 6.53 | 983.9 | 0.13 | 0.25 | | <0.2 | 0.20 | <2 | <10 | 340 |
| M171359 | | 1.28 | 0.09 | <0.05 | 0.10 | <0.001 | 5.10 | 1209.0 | 0.09 | 0.10 | | <0.2 | 0.30 | <2 | <10 | 340 |
| M171360 | | 1.04 | <0.05 | <0.05 | <0.05 | <0.001 | 3.19 | 985.8 | <0.01 | 0.01 | | <0.2 | 0.24 | <2 | <10 | 170 |

Comments: NSS is non-sufficient sample.



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Page #: 4 - A
Total # of pages : 4 (A - D)
Date : 13-Oct-2003
Account: NJY

Project : Z-03-15/16

CERTIFICATE OF ANALYSIS VA03038860

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | Au-AA25D Au Check ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|-------------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M171361 | | 1.56 | <0.05 | <0.05 | <0.05 | <0.001 | 17.86 | 1465.5 | 0.01 | <0.01 | | <0.2 | 0.15 | <2 | <10 | 140 |
| M171362 | | 1.24 | <0.05 | 0.58 | <0.05 | 0.006 | 10.36 | 1167.0 | <0.01 | <0.01 | | <0.2 | 0.30 | <2 | <10 | 410 |
| M171363 | | 2.46 | <0.05 | <0.05 | <0.05 | <0.001 | 26.53 | 2352 | <0.01 | <0.01 | | <0.2 | 0.31 | <2 | <10 | 410 |
| M171364 | | 2.64 | <0.05 | <0.05 | <0.05 | <0.001 | 28.44 | 2472 | 0.01 | 0.01 | | <0.2 | 0.33 | <2 | <10 | 350 |
| M171365 | | 2.26 | <0.05 | <0.05 | <0.05 | <0.001 | 9.24 | 2179 | <0.01 | <0.01 | | <0.2 | 0.20 | <2 | <10 | 110 |
| M171366 | | 2.60 | <0.05 | <0.05 | <0.05 | <0.001 | 23.86 | 2492 | 0.01 | 0.01 | | <0.2 | 0.30 | <2 | <10 | 310 |
| M171367 | | 2.42 | <0.05 | <0.05 | <0.05 | <0.001 | 15.91 | 2333 | 0.04 | 0.03 | | <0.2 | 0.24 | <2 | <10 | 130 |
| M171368 | | 2.62 | <0.05 | <0.05 | <0.05 | <0.001 | 35.23 | 2509 | 0.03 | 0.04 | | <0.2 | 0.20 | <2 | <10 | 200 |
| M171369 | | 2.78 | 0.19 | 0.82 | 0.18 | 0.026 | 31.76 | 2647 | 0.11 | 0.25 | | <0.2 | 0.27 | <2 | <10 | 290 |
| M171370 | | 2.86 | <0.05 | 0.18 | <0.05 | 0.004 | 22.58 | 2748 | 0.01 | 0.01 | | <0.2 | 0.21 | <2 | <10 | 100 |
| M171371 | | 3.02 | <0.05 | <0.05 | <0.05 | <0.001 | 36.07 | 2875 | 0.01 | 0.03 | | <0.2 | 0.25 | <2 | <10 | 260 |
| M171372 | | 2.00 | <0.05 | <0.05 | <0.05 | <0.001 | 37.03 | 1838.5 | 0.02 | <0.01 | | <0.2 | 0.19 | <2 | <10 | 120 |
| M171373 | | 1.92 | <0.05 | <0.05 | <0.05 | <0.001 | 2.41 | 1812.5 | <0.01 | <0.01 | | <0.2 | 0.13 | <2 | <10 | 160 |
| M171374 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 9.82 | 9.50 | | 19.0 | 1.88 | 15 | <10 | 90 |
| M171375 | | 3.04 | <0.05 | <0.05 | <0.05 | <0.001 | 8.32 | 2921 | <0.01 | <0.01 | | <0.2 | 0.19 | <2 | <10 | 30 |
| M171376 | | 1.42 | <0.05 | <0.05 | <0.05 | <0.001 | 42.94 | 1314.5 | <0.01 | <0.01 | | 0.2 | 0.11 | <2 | <10 | 30 |
| M171377 | | 1.44 | <0.05 | <0.05 | <0.05 | <0.001 | 10.27 | 1359.0 | <0.01 | <0.01 | | <0.2 | 0.10 | <2 | <10 | 10 |
| M171378 | | 1.04 | <0.05 | <0.05 | <0.05 | <0.001 | 18.12 | 968.8 | 0.01 | 0.03 | | <0.2 | 0.06 | 2 | <10 | 10 |
| M171379 | | 1.62 | <0.05 | <0.05 | <0.05 | <0.001 | 27.01 | 1511.5 | 0.01 | 0.02 | | <0.2 | 0.08 | <2 | <10 | 40 |
| M171380 | | 1.18 | <0.05 | <0.05 | <0.05 | <0.001 | 18.81 | 1110.0 | <0.01 | <0.01 | | <0.2 | 0.11 | <2 | <10 | 20 |
| M171381 | | 1.48 | <0.05 | <0.05 | <0.05 | <0.001 | 15.82 | 1408.5 | 0.01 | <0.01 | | <0.2 | 0.23 | <2 | <10 | 90 |
| M171382 | | 2.22 | <0.05 | <0.05 | <0.05 | <0.001 | 13.41 | 2120 | <0.01 | 0.02 | | <0.2 | 0.19 | <2 | <10 | 30 |
| M171383 | | 2.18 | <0.05 | <0.05 | <0.05 | <0.001 | 9.81 | 2101 | 0.02 | <0.01 | | <0.2 | 0.17 | <2 | <10 | 70 |
| M171384 | | 1.08 | 0.83 | 0.20 | 0.84 | 0.003 | 14.94 | 1006.5 | 0.83 | 0.85 | | >100 | 0.02 | <2 | <10 | <10 |

NOT A DRILL CORE SAMPLE - Prospector's sample (sent in error).

Comments: NSS is non-sufficient sample.



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Date : 13-Oct-2003
Account: NJY

Project : Z-03-15/16

CERTIFICATE OF ANALYSIS VA03038860

| Sample Description | Method Analyte Units LOR | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 |
|--------------------|-----------------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|
| M171281 | | <0.5 | <2 | 1.08 | <0.5 | 18 | 12 | 6970 | 4.72 | 20 | <1 | 0.23 | 10 | 1.78 | 789 | 3 |
| M171282 | | <0.5 | <2 | 0.28 | <0.5 | 5 | 85 | 7 | 0.76 | <10 | <1 | 0.26 | 30 | 0.20 | 458 | <1 |
| M171283 | | <0.5 | <2 | 0.07 | <0.5 | 3 | 176 | 5 | 1.01 | <10 | <1 | 0.19 | 30 | 0.08 | 341 | <1 |
| M171284 | | <0.5 | <2 | 0.08 | 0.9 | 4 | 112 | 16 | 0.90 | <10 | <1 | 0.21 | 30 | 0.08 | 484 | 1 |
| M171285 | | <0.5 | <2 | 0.16 | <0.5 | 3 | 204 | 15 | 0.91 | <10 | <1 | 0.16 | 20 | 0.08 | 439 | <1 |
| M171286 | | <0.5 | <2 | 0.11 | <0.5 | 3 | 136 | 6 | 0.90 | <10 | <1 | 0.21 | 20 | 0.08 | 366 | <1 |
| M171287 | | <0.5 | <2 | 0.01 | <0.5 | 2 | 111 | 6 | 0.71 | <10 | <1 | 0.22 | 30 | 0.02 | 180 | 1 |
| M171288 | | <0.5 | <2 | 0.01 | <0.5 | 6 | 146 | 3 | 0.90 | <10 | <1 | 0.21 | 40 | 0.02 | 613 | 1 |
| M171289 | | <0.5 | <2 | 0.01 | <0.5 | 2 | 239 | 3 | 0.78 | <10 | <1 | 0.17 | 20 | 0.02 | 346 | 1 |
| M171290 | | <0.5 | <2 | 0.01 | <0.5 | 5 | 107 | 5 | 0.88 | <10 | <1 | 0.22 | 30 | 0.02 | 376 | <1 |
| M171291 | | <0.5 | <2 | 0.01 | <0.5 | 5 | 110 | 9 | 0.94 | <10 | <1 | 0.31 | 20 | 0.04 | 451 | <1 |
| M171292 | | <0.5 | <2 | 0.01 | <0.5 | 4 | 142 | 5 | 0.80 | <10 | <1 | 0.21 | 30 | 0.02 | 322 | <1 |
| M171293 | | <0.5 | <2 | 0.01 | <0.5 | 3 | 163 | 2 | 0.75 | <10 | <1 | 0.17 | 20 | 0.02 | 233 | <1 |
| M171294 | | 0.5 | <2 | 0.01 | <0.5 | 5 | 55 | 11 | 1.00 | <10 | <1 | 0.24 | 40 | 0.04 | 433 | <1 |
| M171295 | | <0.5 | <2 | 0.18 | <0.5 | 4 | 124 | 8 | 0.89 | <10 | <1 | 0.19 | 20 | 0.13 | 411 | <1 |
| M171296 | | <0.5 | <2 | 0.06 | <0.5 | 5 | 76 | 10 | 0.94 | <10 | <1 | 0.21 | 30 | 0.08 | 642 | <1 |
| M171297 | | <0.5 | <2 | 0.23 | <0.5 | 6 | 125 | 18 | 0.97 | <10 | <1 | 0.21 | 20 | 0.19 | 743 | <1 |
| M171298 | | <0.5 | <2 | 0.05 | <0.5 | 5 | 96 | 5 | 0.92 | <10 | <1 | 0.21 | 30 | 0.11 | 443 | <1 |
| M171299 | | <0.5 | <2 | 0.03 | <0.5 | 7 | 135 | 1 | 1.06 | <10 | <1 | 0.17 | 30 | 0.06 | 371 | <1 |
| M171300 | | <0.5 | <2 | 0.02 | <0.5 | 4 | 151 | 2 | 0.89 | <10 | <1 | 0.15 | 30 | 0.03 | 248 | <1 |
| M171301 | | 1.1 | <2 | 0.02 | <0.5 | <1 | 37 | 34 | 2.84 | <10 | <1 | 0.31 | 30 | 0.03 | 44 | 2 |
| M171302 | | <0.5 | <2 | 0.03 | <0.5 | 7 | 110 | 1 | 0.88 | <10 | <1 | 0.20 | 40 | 0.06 | 228 | <1 |
| M171303 | | <0.5 | <2 | 0.03 | <0.5 | 5 | 204 | 1 | 0.99 | <10 | <1 | 0.14 | 30 | 0.03 | 249 | <1 |
| M171304 | | <0.5 | <2 | 0.02 | <0.5 | 5 | 134 | 2 | 1.07 | <10 | <1 | 0.15 | 40 | 0.03 | 370 | <1 |
| M171305 | | <0.5 | <2 | 0.03 | <0.5 | 4 | 129 | 1 | 0.93 | <10 | <1 | 0.17 | 30 | 0.04 | 187 | <1 |
| M171306 | | <0.5 | <2 | 0.04 | <0.5 | 3 | 116 | 4 | 0.87 | <10 | <1 | 0.18 | 30 | 0.06 | 183 | <1 |
| M171307 | | <0.5 | <2 | 0.09 | <0.5 | 4 | 136 | 4 | 0.97 | <10 | <1 | 0.18 | 30 | 0.10 | 291 | <1 |
| M171308 | | <0.5 | <2 | 0.17 | <0.5 | 6 | 89 | 11 | 0.93 | <10 | <1 | 0.29 | 30 | 0.11 | 454 | <1 |
| M171309 | | <0.5 | <2 | 0.08 | <0.5 | 4 | 160 | 12 | 0.76 | <10 | <1 | 0.20 | 30 | 0.06 | 198 | <1 |
| M171310 | | <0.5 | <2 | 0.48 | <0.5 | 4 | 79 | 4 | 0.64 | <10 | <1 | 0.25 | 30 | 0.25 | 378 | <1 |
| M171311 | | <0.5 | <2 | 0.32 | <0.5 | 7 | 201 | 47 | 0.50 | <10 | <1 | 0.25 | 30 | 0.18 | 186 | <1 |
| M171312 | | <0.5 | <2 | 0.01 | <0.5 | 7 | 169 | 14 | 0.46 | <10 | <1 | 0.18 | 20 | 0.03 | 228 | <1 |
| M171313 | | <0.5 | <2 | 0.66 | <0.5 | 7 | 146 | 10 | 0.89 | <10 | <1 | 0.22 | 20 | 0.27 | 495 | 1 |
| M171314 | | <0.5 | <2 | 0.97 | <0.5 | 3 | 80 | 1 | 0.60 | <10 | <1 | 0.20 | 30 | 0.54 | 189 | <1 |
| M171315 | | <0.5 | <2 | 0.82 | <0.5 | 2 | 115 | 2 | 0.52 | <10 | <1 | 0.17 | 30 | 0.44 | 219 | <1 |
| M171316 | | <0.5 | <2 | 0.86 | <0.5 | 2 | 86 | 2 | 0.64 | <10 | <1 | 0.24 | 40 | 0.41 | 548 | <1 |
| M171317 | | <0.5 | <2 | 1.21 | <0.5 | 4 | 62 | 2 | 1.10 | 10 | <1 | 0.19 | 30 | 0.84 | 1190 | <1 |
| M171318 | | <0.5 | <2 | 0.37 | <0.5 | 3 | 104 | 2 | 0.74 | <10 | <1 | 0.18 | 20 | 0.32 | 354 | <1 |
| M171319 | | <0.5 | <2 | 0.27 | <0.5 | 2 | 127 | 3 | 0.86 | <10 | <1 | 0.16 | 20 | 0.27 | 316 | <1 |
| M171320 | | <0.5 | <2 | 0.20 | <0.5 | 3 | 108 | 6 | 0.97 | <10 | <1 | 0.16 | 20 | 0.35 | 299 | <1 |

Comments: NSS is non-sufficient sample.



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Date : 13-Oct-2003
Account: NJY

Project : Z-03-15/16

CERTIFICATE OF ANALYSIS VA03038860

| Sample Description | Method Analyte Units LOR | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 |
|--------------------|-----------------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|
| M171321 | | <0.5 | <2 | 0.35 | <0.5 | 1 | 98 | 2 | 0.79 | <10 | <1 | 0.09 | 20 | 0.25 | 112 | <1 |
| M171322 | | <0.5 | <2 | 0.97 | 3.8 | 21 | 26 | 174 | 3.61 | 10 | <1 | 0.26 | 10 | 0.88 | 758 | 29 |
| M171323 | | <0.5 | <2 | 0.16 | <0.5 | 3 | 83 | 3 | 0.98 | <10 | <1 | 0.19 | 30 | 0.42 | 130 | <1 |
| M171324 | | <0.5 | <2 | 0.31 | <0.5 | 4 | 67 | 1 | 0.98 | <10 | <1 | 0.22 | 20 | 0.50 | 172 | 1 |
| M171325 | | <0.5 | <2 | 0.10 | <0.5 | 4 | 67 | 1 | 0.85 | <10 | <1 | 0.23 | 20 | 0.47 | 124 | <1 |
| M171326 | | <0.5 | <2 | 0.13 | <0.5 | 4 | 81 | 1 | 0.83 | <10 | <1 | 0.21 | 30 | 0.43 | 168 | <1 |
| M171327 | | <0.5 | <2 | 0.11 | <0.5 | 3 | 137 | 2 | 0.96 | <10 | <1 | 0.17 | 20 | 0.28 | 98 | <1 |
| M171328 | | <0.5 | <2 | 0.06 | <0.5 | 2 | 165 | 2 | 0.95 | <10 | <1 | 0.07 | 30 | 0.06 | 96 | 1 |
| M171329 | | <0.5 | <2 | 0.11 | <0.5 | 4 | 160 | 1 | 1.10 | <10 | <1 | 0.15 | 30 | 0.12 | 132 | <1 |
| M171330 | | <0.5 | <2 | 0.13 | <0.5 | 4 | 150 | 1 | 1.13 | <10 | <1 | 0.16 | 30 | 0.19 | 172 | <1 |
| M171331 | | <0.5 | <2 | 0.17 | <0.5 | 3 | 103 | 1 | 1.06 | <10 | <1 | 0.20 | 30 | 0.22 | 250 | <1 |
| M171332 | | <0.5 | <2 | 0.15 | <0.5 | 3 | 120 | 1 | 0.81 | <10 | <1 | 0.15 | 30 | 0.22 | 92 | <1 |
| M171333 | | <0.5 | <2 | 0.19 | <0.5 | 3 | 128 | 1 | 0.94 | <10 | <1 | 0.14 | 30 | 0.25 | 109 | <1 |
| M171334 | | <0.5 | <2 | 0.05 | <0.5 | 3 | 140 | 1 | 0.99 | <10 | <1 | 0.15 | 30 | 0.12 | 99 | 1 |
| M171335 | | <0.5 | <2 | 0.10 | <0.5 | 4 | 90 | 2 | 0.95 | <10 | <1 | 0.20 | 30 | 0.42 | 136 | <1 |
| M171336 | | <0.5 | <2 | 0.10 | <0.5 | 3 | 103 | 2 | 0.99 | <10 | <1 | 0.19 | 40 | 0.26 | 106 | <1 |
| M171337 | | <0.5 | <2 | 0.16 | <0.5 | 4 | 107 | 3 | 0.95 | <10 | <1 | 0.17 | 40 | 0.26 | 128 | <1 |
| M171338 | | <0.5 | <2 | 0.25 | <0.5 | 3 | 89 | 2 | 0.98 | <10 | <1 | 0.19 | 40 | 0.21 | 127 | <1 |
| M171339 | | <0.5 | <2 | 0.12 | <0.5 | 4 | 103 | 3 | 1.17 | <10 | <1 | 0.19 | 30 | 0.22 | 170 | 1 |
| M171340 | | <0.5 | <2 | 0.09 | <0.5 | 4 | 110 | 3 | 0.99 | <10 | <1 | 0.18 | 30 | 0.21 | 97 | <1 |
| M171341 | | <0.5 | <2 | 0.05 | <0.5 | 3 | 130 | 2 | 1.02 | <10 | <1 | 0.14 | 30 | 0.12 | 102 | <1 |
| M171342 | | <0.5 | <2 | 0.04 | <0.5 | 3 | 107 | 4 | 1.06 | <10 | <1 | 0.16 | 30 | 0.18 | 152 | <1 |
| M171343 | | 1.0 | <2 | 0.02 | <0.5 | 1 | 34 | 33 | 2.79 | <10 | <1 | 0.29 | 30 | 0.03 | 42 | 2 |
| M171344 | | <0.5 | <2 | 0.04 | <0.5 | 3 | 120 | 12 | 0.87 | <10 | <1 | 0.17 | 30 | 0.10 | 121 | <1 |
| M171345 | | <0.5 | <2 | 0.02 | <0.5 | 3 | 113 | 8 | 0.96 | <10 | <1 | 0.13 | 30 | 0.08 | 114 | <1 |
| M171346 | | <0.5 | <2 | 0.12 | <0.5 | 5 | 91 | 2 | 0.97 | <10 | <1 | 0.17 | 30 | 0.14 | 114 | <1 |
| M171347 | | <0.5 | <2 | 0.03 | <0.5 | 3 | 155 | 3 | 0.81 | <10 | <1 | 0.16 | 40 | 0.09 | 82 | <1 |
| M171348 | | <0.5 | <2 | 0.05 | <0.5 | 2 | 213 | 4 | 0.83 | <10 | <1 | 0.08 | 20 | 0.06 | 115 | <1 |
| M171349 | | <0.5 | <2 | 0.13 | <0.5 | 5 | 246 | 7 | 1.32 | <10 | <1 | 0.09 | 20 | 0.17 | 221 | <1 |
| M171350 | | <0.5 | <2 | 0.16 | <0.5 | 4 | 110 | 11 | 0.84 | <10 | <1 | 0.13 | 30 | 0.19 | 111 | 1 |
| M171351 | | 1.1 | <2 | 0.02 | <0.5 | 1 | 36 | 35 | 2.78 | <10 | <1 | 0.30 | 30 | 0.03 | 43 | 2 |
| M171352 | | <0.5 | <2 | 0.08 | <0.5 | 3 | 125 | 4 | 0.76 | <10 | <1 | 0.16 | 40 | 0.09 | 91 | <1 |
| M171353 | | <0.5 | <2 | 0.09 | <0.5 | 3 | 153 | 7 | 0.93 | <10 | <1 | 0.20 | 50 | 0.10 | 95 | <1 |
| M171354 | | <0.5 | <2 | 0.16 | <0.5 | 3 | 130 | 17 | 0.92 | <10 | <1 | 0.22 | 60 | 0.15 | 144 | 1 |
| M171355 | | <0.5 | <2 | 0.11 | <0.5 | 2 | 187 | 6 | 0.84 | <10 | <1 | 0.09 | 10 | 0.08 | 154 | 1 |
| M171356 | | <0.5 | <2 | 0.38 | <0.5 | 5 | 143 | 11 | 0.97 | <10 | <1 | 0.17 | 50 | 0.19 | 173 | <1 |
| M171357 | | <0.5 | <2 | 0.04 | <0.5 | 2 | 171 | 5 | 0.69 | <10 | <1 | 0.07 | 10 | 0.06 | 92 | <1 |
| M171358 | | <0.5 | <2 | 0.44 | <0.5 | 5 | 151 | 8 | 1.29 | <10 | <1 | 0.10 | 20 | 0.22 | 203 | <1 |
| M171359 | | <0.5 | <2 | 0.35 | <0.5 | 8 | 95 | 5 | 1.26 | <10 | <1 | 0.17 | 60 | 0.36 | 164 | <1 |
| M171360 | | <0.5 | <2 | 0.12 | <0.5 | 2 | 156 | 5 | 0.77 | <10 | <1 | 0.09 | 30 | 0.10 | 63 | <1 |

Comments: NSS is non-sufficient sample.



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Total # of pages : 4 (A - D)
Date : 13-Oct-2003
Account: NJY

Project : Z-03-15/16

CERTIFICATE OF ANALYSIS VA03038860

| Sample Description | Method Analyte Units LOR | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 |
|--------------------|-----------------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|
| M171361 | | <0.5 | <2 | 0.54 | <0.5 | 4 | 186 | 12 | 1.04 | <10 | <1 | 0.06 | 20 | 0.27 | 167 | <1 |
| M171362 | | <0.5 | <2 | 0.13 | <0.5 | 4 | 69 | 4 | 0.82 | <10 | <1 | 0.19 | 30 | 0.20 | 102 | <1 |
| M171363 | | 0.5 | <2 | 0.15 | <0.5 | 4 | 75 | 1 | 0.78 | <10 | <1 | 0.20 | 40 | 0.22 | 150 | <1 |
| M171364 | | 0.5 | <2 | 0.24 | <0.5 | 4 | 75 | 1 | 0.83 | <10 | <1 | 0.21 | 40 | 0.28 | 154 | <1 |
| M171365 | | <0.5 | <2 | 0.04 | <0.5 | 2 | 163 | 2 | 0.77 | <10 | <1 | 0.11 | 30 | 0.10 | 65 | 1 |
| M171366 | | <0.5 | <2 | 0.05 | <0.5 | 4 | 96 | 2 | 0.97 | <10 | <1 | 0.18 | 40 | 0.21 | 108 | <1 |
| M171367 | | <0.5 | <2 | 0.07 | <0.5 | 4 | 113 | 1 | 0.94 | <10 | <1 | 0.15 | 40 | 0.30 | 140 | <1 |
| M171368 | | <0.5 | <2 | 0.17 | <0.5 | 3 | 113 | 3 | 0.76 | <10 | <1 | 0.12 | 20 | 0.17 | 153 | <1 |
| M171369 | | <0.5 | <2 | 0.12 | <0.5 | 4 | 99 | 3 | 1.08 | <10 | <1 | 0.18 | 40 | 0.27 | 157 | <1 |
| M171370 | | <0.5 | <2 | 0.08 | <0.5 | 3 | 115 | 1 | 1.01 | <10 | <1 | 0.13 | 30 | 0.19 | 100 | <1 |
| M171371 | | <0.5 | <2 | 0.10 | <0.5 | 3 | 117 | 2 | 0.95 | <10 | <1 | 0.17 | 40 | 0.22 | 112 | 1 |
| M171372 | | <0.5 | <2 | 0.16 | <0.5 | 4 | 98 | 7 | 1.23 | <10 | <1 | 0.11 | 20 | 0.18 | 134 | <1 |
| M171373 | | <0.5 | <2 | 0.07 | <0.5 | 2 | 245 | 6 | 0.95 | <10 | <1 | 0.08 | 20 | 0.12 | 73 | 1 |
| M171374 | | <0.5 | <2 | 1.30 | 2.8 | 21 | 27 | 163 | 3.69 | 10 | <1 | 0.26 | 10 | 0.98 | 817 | 24 |
| M171375 | | <0.5 | <2 | 0.69 | <0.5 | 3 | 173 | 3 | 1.03 | <10 | <1 | 0.05 | 20 | 0.33 | 85 | 1 |
| M171376 | | <0.5 | <2 | 0.79 | <0.5 | 2 | 167 | 3 | 0.85 | <10 | <1 | 0.05 | 20 | 0.49 | 132 | <1 |
| M171377 | | <0.5 | <2 | 0.18 | <0.5 | 2 | 210 | 3 | 0.80 | <10 | <1 | 0.03 | <10 | 0.16 | 55 | <1 |
| M171378 | | <0.5 | <2 | 0.33 | <0.5 | 2 | 212 | 7 | 0.99 | <10 | <1 | 0.02 | <10 | 0.18 | 70 | 1 |
| M171379 | | <0.5 | <2 | 0.27 | <0.5 | 2 | 182 | 5 | 1.19 | <10 | <1 | 0.03 | <10 | 0.24 | 87 | <1 |
| M171380 | | <0.5 | <2 | 0.18 | <0.5 | 3 | 178 | 2 | 0.97 | <10 | <1 | 0.06 | 10 | 0.27 | 82 | <1 |
| M171381 | | <0.5 | <2 | 0.08 | <0.5 | 5 | 125 | 1 | 1.17 | <10 | <1 | 0.16 | 50 | 0.49 | 67 | <1 |
| M171382 | | <0.5 | <2 | 0.09 | <0.5 | 2 | 141 | 2 | 0.85 | <10 | <1 | 0.13 | 40 | 0.22 | 49 | <1 |
| M171383 | | <0.5 | <2 | 0.11 | <0.5 | 2 | 159 | 1 | 0.91 | <10 | <1 | 0.10 | 40 | 0.18 | 62 | <1 |
| M171384 | | <0.5 | 162 | <0.01 | >500 | 1 | 199 | 297 | 1.83 | <10 | 1 | <0.01 | <10 | 0.01 | 102 | <1 |

Comments: NSS is non-sufficient sample.



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Date : 13-Oct-2003
Account: NJY

Project : Z-03-15/16

CERTIFICATE OF ANALYSIS VA03038860

| Sample Description | Method Analyte Units LOR | ME-ICP41 Na % 0.01 | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 | ME-ICP41 Ti % 0.01 | ME-ICP41 Ti ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 | Zn-AA46 Zn % 0.01 |
|--------------------|-----------------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|----------------------------|
| M171281 | | 0.15 | 14 | 1870 | 5 | 0.10 | <2 | 12 | 77 | 0.24 | <10 | <10 | 220 | <10 | 45 | |
| M171282 | | 0.02 | 5 | 140 | 5 | 0.07 | <2 | 1 | 14 | <0.01 | <10 | <10 | 3 | <10 | 16 | |
| M171283 | | 0.03 | 4 | 210 | 5 | 0.04 | <2 | 1 | 14 | <0.01 | <10 | <10 | 3 | <10 | 13 | |
| M171284 | | 0.02 | 4 | 130 | 28 | 0.14 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 75 | |
| M171285 | | 0.02 | 4 | 200 | 18 | 0.16 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 14 | |
| M171286 | | 0.01 | 4 | 130 | 7 | 0.24 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 12 | |
| M171287 | | 0.01 | 3 | 110 | 19 | 0.11 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 8 | |
| M171288 | | <0.01 | 6 | 100 | 11 | 0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 12 | |
| M171289 | | <0.01 | 3 | 70 | 29 | 0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 5 | |
| M171290 | | <0.01 | 4 | 130 | 261 | 0.02 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 8 | |
| M171291 | | 0.01 | 5 | 80 | 19 | 0.22 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 12 | |
| M171292 | | <0.01 | 4 | 100 | 25 | 0.03 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 7 | |
| M171293 | | 0.01 | 3 | 110 | 76 | 0.13 | <2 | <1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 9 | |
| M171294 | | 0.01 | 6 | 140 | 6 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 21 | |
| M171295 | | 0.01 | 5 | 240 | 3 | 0.07 | <2 | 1 | 9 | <0.01 | <10 | <10 | 2 | <10 | 16 | |
| M171296 | | 0.01 | 4 | 160 | 3 | 0.10 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 14 | |
| M171297 | | 0.01 | 6 | 130 | 76 | 0.26 | <2 | 1 | 9 | <0.01 | <10 | <10 | 2 | <10 | 15 | |
| M171298 | | 0.02 | 5 | 130 | 22 | 0.14 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 16 | |
| M171299 | | 0.02 | 6 | 130 | 2 | 0.03 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 21 | |
| M171300 | | 0.02 | 5 | 110 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 17 | |
| M171301 | | 0.01 | 7 | 250 | 31 | 0.02 | 103 | 7 | 79 | <0.01 | <10 | <10 | 11 | <10 | 13 | |
| M171302 | | 0.01 | 6 | 160 | 2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 22 | |
| M171303 | | 0.02 | 6 | 150 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 21 | |
| M171304 | | 0.02 | 6 | 140 | 2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 25 | |
| M171305 | | 0.02 | 5 | 130 | 2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 18 | |
| M171306 | | 0.02 | 4 | 150 | 3 | 0.04 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 15 | |
| M171307 | | 0.02 | 5 | 200 | 6 | 0.04 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 13 | |
| M171308 | | 0.02 | 6 | 150 | 21 | 0.04 | <2 | 1 | 8 | <0.01 | <10 | <10 | 3 | <10 | 20 | |
| M171309 | | 0.03 | 4 | 80 | 10 | 0.07 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 9 | |
| M171310 | | 0.01 | 4 | 110 | 10 | 0.09 | <2 | 1 | 15 | <0.01 | <10 | <10 | 2 | <10 | 14 | |
| M171311 | | 0.01 | 5 | 90 | 17 | 0.01 | <2 | 1 | 9 | <0.01 | <10 | <10 | 2 | <10 | 6 | |
| M171312 | | <0.01 | 4 | 60 | 32 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 4 | |
| M171313 | | <0.01 | 6 | 320 | 21 | 0.01 | <2 | 1 | 16 | <0.01 | <10 | <10 | 2 | <10 | 18 | |
| M171314 | | <0.01 | 4 | 150 | 2 | <0.01 | <2 | 1 | 18 | <0.01 | <10 | <10 | 2 | <10 | 12 | |
| M171315 | | 0.01 | 3 | 110 | 2 | <0.01 | <2 | 1 | 16 | <0.01 | <10 | <10 | 1 | <10 | 10 | |
| M171316 | | 0.01 | 3 | 230 | 3 | 0.02 | <2 | 1 | 21 | <0.01 | <10 | <10 | 2 | <10 | 15 | |
| M171317 | | 0.01 | 5 | 210 | 10 | 0.13 | <2 | 1 | 42 | <0.01 | <10 | <10 | 1 | <10 | 27 | |
| M171318 | | 0.01 | 4 | 130 | 3 | 0.12 | <2 | 1 | 12 | <0.01 | <10 | <10 | 2 | <10 | 14 | |
| M171319 | | 0.02 | 4 | 160 | 2 | 0.05 | <2 | 1 | 11 | <0.01 | <10 | <10 | 2 | <10 | 15 | |
| M171320 | | 0.03 | 5 | 100 | 4 | 0.09 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 18 | |

Comments: NSS is non-sufficient sample.



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Date : 13-Oct-2003
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Project : Z-03-15/16

CERTIFICATE OF ANALYSIS VA03038860

| Sample Description | Method Analyte Units LOR | ME-ICP41 Na % 0.01 | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 | ME-ICP41 Ti % 0.01 | ME-ICP41 Ti ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 | Zn-AA48 Zn % 0.01 |
|--------------------|-----------------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|----------------------------|
| M171321 | | 0.03 | 3 | 130 | <2 | <0.01 | <2 | 1 | 8 | 0.01 | <10 | <10 | 2 | <10 | 6 | |
| M171322 | | 0.04 | 17 | 560 | 36 | 1.19 | <2 | 7 | 46 | 0.07 | <10 | <10 | 71 | <10 | 112 | |
| M171323 | | 0.02 | 6 | 140 | <2 | 0.01 | <2 | 1 | 8 | 0.01 | <10 | <10 | 3 | <10 | 12 | |
| M171324 | | 0.02 | 4 | 230 | <2 | <0.01 | <2 | 1 | 16 | 0.01 | <10 | <10 | 3 | <10 | 13 | |
| M171325 | | 0.02 | 5 | 90 | <2 | 0.01 | <2 | 1 | 9 | <0.01 | <10 | <10 | 3 | <10 | 15 | |
| M171326 | | 0.01 | 5 | 190 | <2 | 0.01 | <2 | 1 | 10 | <0.01 | <10 | <10 | 2 | <10 | 15 | |
| M171327 | | 0.03 | 5 | 140 | 11 | 0.03 | <2 | 1 | 9 | <0.01 | <10 | <10 | 2 | <10 | 12 | |
| M171328 | | 0.04 | 4 | 110 | <2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 8 | |
| M171329 | | 0.03 | 5 | 120 | <2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 14 | |
| M171330 | | 0.03 | 6 | 180 | 2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 15 | |
| M171331 | | 0.02 | 5 | 160 | 8 | 0.02 | <2 | 1 | 9 | <0.01 | <10 | <10 | 2 | <10 | 13 | |
| M171332 | | 0.03 | 4 | 130 | 2 | <0.01 | <2 | 1 | 5 | 0.01 | <10 | <10 | 3 | <10 | 8 | |
| M171333 | | 0.02 | 5 | 110 | <2 | <0.01 | <2 | 1 | 6 | 0.01 | <10 | <10 | 3 | <10 | 10 | |
| M171334 | | 0.04 | 5 | 150 | 2 | <0.01 | <2 | 1 | 3 | 0.01 | <10 | <10 | 4 | <10 | 9 | |
| M171335 | | 0.02 | 6 | 180 | 3 | <0.01 | <2 | 1 | 11 | 0.01 | <10 | <10 | 3 | <10 | 14 | |
| M171336 | | 0.02 | 5 | 150 | <2 | <0.01 | <2 | 1 | 7 | 0.01 | <10 | <10 | 4 | <10 | 10 | |
| M171337 | | 0.02 | 6 | 160 | <2 | <0.01 | <2 | 1 | 8 | <0.01 | <10 | <10 | 3 | <10 | 13 | |
| M171338 | | 0.02 | 4 | 100 | <2 | <0.01 | <2 | 1 | 6 | 0.01 | <10 | <10 | 3 | <10 | 9 | |
| M171339 | | 0.02 | 6 | 160 | 4 | 0.14 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 12 | |
| M171340 | | 0.03 | 5 | 150 | <2 | 0.01 | <2 | 1 | 8 | 0.01 | <10 | <10 | 3 | <10 | 10 | |
| M171341 | | 0.02 | 4 | 150 | <2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 11 | |
| M171342 | | 0.02 | 5 | 120 | 3 | 0.07 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 11 | |
| M171343 | | 0.01 | 6 | 230 | 30 | 0.02 | 103 | 7 | 66 | <0.01 | <10 | <10 | 11 | <10 | 13 | |
| M171344 | | 0.01 | 4 | 140 | 3 | 0.07 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 8 | |
| M171345 | | 0.02 | 3 | 70 | 7 | 0.06 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 7 | |
| M171346 | | 0.02 | 6 | 280 | <2 | <0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 17 | |
| M171347 | | 0.02 | 4 | 100 | <2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 13 | |
| M171348 | | 0.02 | 4 | 100 | 3 | 0.03 | <2 | 1 | 4 | <0.01 | <10 | <10 | 1 | <10 | 11 | |
| M171349 | | 0.01 | 7 | 90 | 4 | 0.01 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 33 | |
| M171350 | | 0.01 | 5 | 200 | 4 | 0.01 | <2 | 1 | 12 | <0.01 | <10 | <10 | 2 | <10 | 31 | |
| M171351 | | 0.01 | 6 | 250 | 30 | 0.02 | 104 | 7 | 74 | <0.01 | <10 | <10 | 11 | <10 | 17 | |
| M171352 | | 0.03 | 4 | 130 | 3 | 0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 12 | |
| M171353 | | 0.03 | 5 | 140 | 2 | <0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 3 | <10 | 16 | |
| M171354 | | 0.03 | 5 | 120 | 4 | <0.01 | <2 | 1 | 8 | <0.01 | <10 | <10 | 4 | <10 | 28 | |
| M171355 | | 0.02 | 4 | 80 | 3 | 0.07 | <2 | 1 | 5 | <0.01 | <10 | <10 | 1 | <10 | 11 | |
| M171356 | | 0.01 | 6 | 320 | 6 | <0.01 | <2 | 1 | 12 | <0.01 | <10 | <10 | 2 | <10 | 19 | |
| M171357 | | 0.03 | 3 | 60 | 4 | 0.05 | <2 | <1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 7 | |
| M171358 | | 0.03 | 5 | 80 | 5 | 0.02 | <2 | 1 | 17 | <0.01 | <10 | <10 | 2 | <10 | 19 | |
| M171359 | | 0.02 | 9 | 140 | 3 | 0.01 | <2 | 1 | 15 | <0.01 | <10 | <10 | 3 | <10 | 30 | |
| M171360 | | 0.04 | 4 | 80 | 2 | 0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 9 | |

Comments: NSS is non-sufficient sample.



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Account: NJY

Project: Z-03-15/16

CERTIFICATE OF ANALYSIS VA03038860

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | Zn-AA46 |
|--------------------|-----------------------------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|----------------|---------------|----------------|----------------|-----------------|
| | | Na % 0.01 | Ni ppm 1 | P ppm 10 | Pb ppm 2 | S % 0.01 | Sb ppm 2 | Sc ppm 1 | Sr ppm 1 | Ti % 0.01 | Ti ppm 10 | U ppm 10 | V ppm 1 | W ppm 10 | Zn ppm 2 | Zn % 0.01 |
| M171361 | | 0.02 | 4 | 160 | 28 | 0.07 | <2 | 1 | 22 | <0.01 | <10 | <10 | 1 | <10 | 10 | |
| M171362 | | 0.01 | 5 | 90 | 4 | 0.14 | <2 | 1 | 10 | <0.01 | <10 | <10 | 2 | <10 | 11 | |
| M171363 | | 0.01 | 5 | 180 | <2 | 0.01 | <2 | 1 | 14 | <0.01 | <10 | <10 | 2 | <10 | 11 | |
| M171364 | | 0.02 | 4 | 340 | <2 | 0.01 | <2 | 1 | 14 | <0.01 | <10 | <10 | 4 | <10 | 13 | |
| M171365 | | 0.03 | 3 | 90 | <2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 3 | <10 | 6 | |
| M171366 | | 0.03 | 5 | 200 | <2 | 0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 3 | <10 | 11 | |
| M171367 | | 0.03 | 5 | 130 | <2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 14 | |
| M171368 | | 0.03 | 3 | 160 | <2 | <0.01 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 9 | |
| M171369 | | 0.02 | 6 | 160 | 3 | 0.01 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 11 | |
| M171370 | | 0.03 | 4 | 130 | 2 | <0.01 | <2 | 1 | 4 | 0.01 | <10 | <10 | 3 | <10 | 8 | |
| M171371 | | 0.02 | 5 | 150 | <2 | 0.01 | <2 | 1 | 7 | <0.01 | <10 | <10 | 3 | <10 | 9 | |
| M171372 | | 0.03 | 5 | 180 | 7 | 0.05 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 13 | |
| M171373 | | 0.03 | 5 | 90 | 2 | 0.05 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 5 | |
| M171374 | | 0.06 | 17 | 640 | 35 | 1.11 | <2 | 8 | 61 | 0.08 | <10 | <10 | 78 | <10 | 107 | |
| M171375 | | 0.03 | 3 | 140 | 7 | 0.01 | <2 | 1 | 15 | <0.01 | <10 | <10 | 2 | <10 | 14 | |
| M171376 | | 0.02 | 3 | 60 | 7 | 0.07 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 6 | |
| M171377 | | 0.04 | 3 | 60 | 6 | 0.12 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 4 | |
| M171378 | | 0.03 | 4 | 60 | 7 | 0.27 | <2 | 1 | 16 | <0.01 | <10 | <10 | 2 | <10 | 5 | |
| M171379 | | 0.03 | 4 | 40 | 3 | 0.20 | <2 | 1 | 9 | <0.01 | <10 | <10 | 2 | <10 | 7 | |
| M171380 | | 0.02 | 5 | 60 | <2 | 0.02 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 8 | |
| M171381 | | 0.02 | 8 | 160 | <2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 14 | |
| M171382 | | 0.02 | 5 | 180 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 5 | |
| M171383 | | 0.02 | 5 | 120 | <2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 7 | |
| M171384 | | <0.01 | 3 | 10 | >10000 | 6.18 | 20 | <1 | 3 | <0.01 | <10 | <10 | 3 | 10 | >10000 | 13.05 |

Comments: NSS is non-sufficient sample.



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Project : Z-03-15/16

| | |
|--------------------------------|-------------------|
| CERTIFICATE OF ANALYSIS | VA03038860 |
|--------------------------------|-------------------|

| Sample Description | Method Analyte Units LOR | Pb-AA46 | Ag-AA46 |
|--------------------|-----------------------------------|---------|-----------|
| | | Pb % | Ag ppm |
| M171281 | | 0.01 | 1 |
| M171282 | | | |
| M171283 | | | |
| M171284 | | | |
| M171285 | | | |
| M171286 | | | |
| M171287 | | | |
| M171288 | | | |
| M171289 | | | |
| M171290 | | | |
| M171291 | | | |
| M171292 | | | |
| M171293 | | | |
| M171294 | | | |
| M171295 | | | |
| M171296 | | | |
| M171297 | | | |
| M171298 | | | |
| M171299 | | | |
| M171300 | | | |
| M171301 | | | |
| M171302 | | | |
| M171303 | | | |
| M171304 | | | |
| M171305 | | | |
| M171306 | | | |
| M171307 | | | |
| M171308 | | | |
| M171309 | | | |
| M171310 | | | |
| M171311 | | | |
| M171312 | | | |
| M171313 | | | |
| M171314 | | | |
| M171315 | | | |
| M171316 | | | |
| M171317 | | | |
| M171318 | | | |
| M171319 | | | |
| M171320 | | | |

Comments: NSS is non-sufficient sample.



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Project : Z-03-15/16

CERTIFICATE OF ANALYSIS VA03038860

| Sample Description | Method Analyte Units LOR | Pb-AA46 | Ag-AA46 |
|--------------------|-----------------------------------|---------|-----------|
| | | Pb % | Ag ppm |
| M171321 | | 0.01 | 1 |
| M171322 | | | |
| M171323 | | | |
| M171324 | | | |
| M171325 | | | |
| M171326 | | | |
| M171327 | | | |
| M171328 | | | |
| M171329 | | | |
| M171330 | | | |
| M171331 | | | |
| M171332 | | | |
| M171333 | | | |
| M171334 | | | |
| M171335 | | | |
| M171336 | | | |
| M171337 | | | |
| M171338 | | | |
| M171339 | | | |
| M171340 | | | |
| M171341 | | | |
| M171342 | | | |
| M171343 | | | |
| M171344 | | | |
| M171345 | | | |
| M171346 | | | |
| M171347 | | | |
| M171348 | | | |
| M171349 | | | |
| M171350 | | | |
| M171351 | | | |
| M171352 | | | |
| M171353 | | | |
| M171354 | | | |
| M171355 | | | |
| M171356 | | | |
| M171357 | | | |
| M171358 | | | |
| M171359 | | | |
| M171360 | | | |

Comments: NSS is non-sufficient sample.



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CERTIFICATE OF ANALYSIS VA03038860

| Sample Description | Method Analyte Units LOR | Pb-AA46 Pb % 0.01 | Ag-AA46 Ag ppm 1 |
|---|-----------------------------------|----------------------------|---------------------------|
| M171361 M171362 M171363 M171364 M171365 | | | |
| M171366 M171367 M171368 M171369 M171370 | | | |
| M171371 M171372 M171373 M171374 M171375 | | | |
| M171376 M171377 M171378 M171379 M171380 | | | |
| M171381 M171382 M171383 M171384 | | 18.10 | 272 |

Comments: NSS is non-sufficient sample.

GEOLOGICAL SURVEY BRANCH ASSESSMENT REPORT

CHAPLEAU RESOURCE LTD.

DRILL HOLE RECORD

HOL # : Z-03-16

LENGTH: 175.6 M.

| | | | |
|--|-------------------------------|--------------------------|-------------------------------|
| PROPERTY: ZINGER | | HORI. COMP: 111.4 meters | DRILL CONTRACTOR: LONE RANGER |
| LOCATION: RIDGE AREA WEST OF HART LAKE | | VERT. COMP: 111.4 meters | |
| COMMENCED: Sept. 26, 2003 | COMPLETED: September 28, 2003 | CORR. DIP: 45° | CORE SIZE: NQ |
| COORDS: Long. | Lat. | TRUE BEARING: 130° | CASING: 7.3 |
| COORDS: UTM (E) 560,212 | (N) (EL) | % RECOVERY: | CORE STORAGE: VINE PROPERTY |
| COORDS: Grid (E) | (N) (EL) | LOGGED DATE: Sept. 2003 | |
| ELEVATION: 2070 mtrs | COLLAR: Dip: 45 Azi: 130° | LOGGED BY: D.L. Pighin | |
| OBJECTIVE: | | | |
| SURVEYS: Depth: | Dip: Azi: | Type: | |
| ADDITIONAL SURVEYS: | | | |
| Depth: | Dip: Azi: | | |

| From | To | LITHOLOGY: Quartzite interbedded argillite, unit 30% argillite. |
|------|------|--|
| 7.3 | 68.0 | COLOR: Light gray to light maroon quartzites, light apple green argillite. |
| | | PRIMARY STRUCTURE: Thin to very thin bedded, rare medium bed. Bedding is sharp, weakly wavy. Some quartzite beds are finely parallel laminated, quartzites are all very fine grained. Argillite beds are generally thin and wispy, commonly distorted due to soft sediment deformation, bedding to core axis, at 8.0 = 51°, at 37.0 = 47°, at 29.0 = 52°, at 40.5 = 50°. |
| | | TECTONIC STRUCTURE: Weakly to strongly brecciated throughout this interval, strongly breccia 7.3 to 22.0 with dominate fractures at 70° and 5° to core, strong breccia from 33.0 - 37.0 dominant veinlets 50° to core axis these are parallel to bedding and 55° to core these veinlets cut bedding at 90°, rare fracture at 40° to core axis, 42.0 - 44.0 strong breccia veinlets to core axis as previously described. Bedding to core axis at 46.0 = 49°, at 59.0 = 70° at 72.0 = 52°, at 78.0 = 52°. |
| | | GENERAL ALTERATION: Intense silicification and sericitization of quartzite beds. Argillite beds altered to apple green sericite. Liesegang alteration is well developed from 73. to 21.0 meters. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Mineralization ranges from weak to strong in the well brecciated areas noted above. The mineralization mainly pyrite and limonite after pyrite and Fe Carbonate, occurs in Drusy Quartz veinlets and disseminated in altered sediments, rare galena was noted. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|-----|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 7.5 | 8 | 0 | Strongly brecciated mineralized by Drusy quartz, limonite after pyrite and siderite. | M 171246 | 0.5 | 0.44 | <0.2 | <2 | 6 | 10 | 5 |
| 8 | 8.5 | 0 | Strongly brecciated mineralized by Drusy quartz, limonite after pyrite and siderite. | M 171247 | 0.5 | 0.39 | 0.3 | <2 | 119 | 9 | 5 |

CHAPLEAU RESOURCE LTD.

DRILL HOLE RECORD

HOLE #: Z-03-16

LENGTH: 175.6 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 8.5 | 9 | 0 | Strongly brecciated mineralized by Drusy quartz, limonite after pyrite and siderite. | M 171248 | 0.5 | 31 | <0.2 | <2 | 9 | 14 | 4 |
| STND | | 0 | 7 P A | M 171249 | | 2.88 | <0.2 | 2320 | 33 | 16 | 35 |
| 9 | 9.5 | 0 | Strongly brecciated mineralized by Drusy quartz, limonite after pyrite and siderite. | M 171250 | 0.5 | 0.62 | <0.2 | 5 | 7 | 15 | 5 |
| 9.5 | 10 | 0 | Strongly brecciated mineralized by Drusy quartz, limonite after pyrite and siderite. | M 171251 | 0.5 | 0.96 | <0.2 | 4 | 14 | 18 | 7 |
| 10 | 10.5 | 0 | Strongly brecciated mineralized by Drusy quartz, limonite after pyrite and siderite. | M 171252 | 0.5 | 0.6 | 0.2 | 3 | 10 | 22 | 5 |
| 10.5 | 11 | 0 | Strongly brecciated mineralized by Drusy quartz, limonite after pyrite and siderite. | M 171253 | 0.5 | 0.15 | <0.2 | <2 | 3 | 15 | 2 |
| 11 | 12 | 0 | Strongly brecciated mineralized by Drusy quartz, limonite after pyrite and siderite. | M 171254 | 1 | 0.14 | <0.2 | 6 | 27 | 17 | 5 |
| 12 | 12.5 | 0 | Strongly brecciated mineralized by Drusy quartz, limonite after pyrite and siderite. | M 171255 | 0.5 | <0.05 | <0.2 | 3 | 75 | 12 | 4 |
| 12.5 | 13 | 0 | Strongly brecciated mineralized by Drusy quartz, limonite after pyrite and siderite. | M 171256 | 0.5 | 0.12 | <0.2 | 4 | 48 | 22 | 4 |
| 13 | 13.5 | 0 | Strongly brecciated mineralized by Drusy quartz, limonite after pyrite and siderite. | M 171257 | 0.5 | <0.05 | <0.2 | 4 | 24 | 16 | 4 |
| 13.5 | 14 | 0 | Strongly brecciated mineralized by Drusy quartz, limonite after pyrite and siderite. | M 171258 | 0.5 | 0.45 | <0.2 | <2 | 8 | 7 | 3 |
| 14 | 14.5 | 0 | Strongly brecciated mineralized by Drusy quartz, limonite after pyrite and siderite. | M 171259 | 0.5 | 0.47 | 0.2 | <2 | 21 | 3 | 2 |
| 14.5 | 15 | 0 | Strongly brecciated mineralized by Drusy quartz, limonite after pyrite and siderite. | M 171260 | 0.5 | 0.38 | <0.2 | <2 | 8 | 3 | 2 |
| 15 | 15.5 | 0 | Strongly brecciated mineralized by Drusy quartz, limonite after pyrite and siderite. | M 171261 | 0.5 | 0.44 | 0.3 | <2 | 17 | 3 | 1 |
| 15.5 | 16 | 0 | Strongly brecciated mineralized by Drusy quartz, limonite after pyrite and siderite. | M 171262 | 0.5 | 0.61 | 0.2 | <2 | 10 | 3 | 1 |
| 16 | 16.5 | 0 | Strongly brecciated mineralized by Drusy quartz, limonite after pyrite and siderite. | M 171263 | 0.5 | 0.33 | <0.2 | <2 | 5 | 2 | 1 |
| 16.5 | 17 | 0 | Strongly brecciated mineralized by Drusy quartz, limonite after pyrite and siderite. | M 171264 | 0.5 | 0.27 | <0.2 | <2 | 5 | 6 | 5 |
| 17 | 17.5 | 0 | Strongly brecciated mineralized by Drusy quartz, limonite after pyrite and siderite. | M 171265 | 0.5 | 0.29 | <0.2 | 8 | 12 | 21 | 13 |
| 17.5 | 18 | 0 | Strongly brecciated mineralized by Drusy quartz, limonite after pyrite and siderite. | M 171266 | 0.5 | 0.17 | <0.2 | 2 | 4 | 18 | 6 |
| 18 | 18.5 | 0 | Strongly brecciated mineralized by Drusy quartz, limonite after pyrite and siderite. | M 171267 | 0.5 | 0.5 | 0.2 | 2 | 5 | 5 | 9 |
| | | | | | | | | | | | |

CHAPLEAU RESOURCE LTD.

HOLE #: Z-03-16

DRILL HOLE RECORD

LENGTH: 175.6 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 18.5 | 19 | 0 | Strongly brecciated mineralized by Drusy quartz, limonite after pyrite and siderite. | M 171268 | 0.5 | 0.62 | <0.2 | <2 | 10 | 3 | 2 |
| 19 | 19.5 | 0 | Strongly brecciated mineralized by Drusy quartz, limonite after pyrite and siderite. | M 171269 | 0.5 | 2.71 | 0.3 | 9 | 13 | 11 | 8 |
| 19.5 | 20 | 0 | Strongly brecciated mineralized by Drusy quartz, limonite after pyrite and siderite. | M 171270 | 0.5 | 0.97 | <0.2 | 10 | 13 | 9 | 6 |
| 20 | 20.5 | 0 | Strongly brecciated mineralized by Drusy quartz, limonite after pyrite and siderite. | M 171271 | 0.5 | 1.05 | 0.2 | 2 | 9 | 10 | 6 |
| 20.5 | 21 | 0 | Strongly brecciated mineralized by Drusy quartz, limonite after pyrite and siderite. | M 171272 | 0.5 | 0.35 | 0.4 | <2 | 6 | 6 | 4 |
| 21 | 22 | 0 | Strongly brecciated mineralized by Drusy quartz, limonite after pyrite and siderite. | M 171273 | 1 | 0.24 | <0.2 | <2 | 6 | 29 | 4 |
| 22 | 23 | 0 | Weakly mineralized widely scattered quartz - limonite veinlets. | M 171274 | 1 | 0.18 | <0.2 | <2 | 30 | 23 | 6 |
| STND | | 0 | Weakly mineralized widely scattered quartz - limonite veinlets. | M 171275 | | 2.54 | <0.2 | 2330 | 32 | 15 | 34 |
| 23 | 24 | 0 | Weakly mineralized widely scattered quartz - limonite veinlets. | M 171276 | 1 | 0.2 | <0.2 | 7 | 18 | 16 | 6 |
| 24 | 25 | 0 | Weakly mineralized widely scattered quartz - limonite veinlets. | M 171277 | 1 | 0.46 | <0.2 | 2 | 13 | 21 | 7 |
| 25 | 26 | 0 | Weakly mineralized widely scattered quartz - limonite veinlets. | M 171278 | 1 | <0.05 | <0.2 | <2 | 4 | 18 | 6 |
| 26 | 27 | 0 | Weakly mineralized widely scattered quartz - limonite veinlets. | M 171279 | 1 | 0.05 | <0.2 | <2 | 2 | 23 | 1 |
| 27 | 28 | 0 | Weakly mineralized widely scattered quartz - limonite veinlets. | M 171280 | 1 | 0.08 | <0.2 | <2 | 2 | 17 | 1 |
| STND | | 0 | | M 171281 | | 0.75 | 2.6 | 5 | 5 | 45 | 6970 |
| 28 | 29 | 0 | Weakly fractured and weakly mineralized. | M 171282 | 1 | <0.05 | <0.2 | <2 | 5 | 16 | 7 |
| 29 | 30 | 0 | Weakly fractured and weakly mineralized. | M 171283 | 1 | 0.05 | <0.2 | <2 | 5 | 13 | 5 |
| 30 | 31 | 0 | Weakly fractured and weakly mineralized. | M 171284 | 1 | 0.06 | <0.2 | <2 | 28 | 75 | 16 |
| 31 | 32 | 0 | Weakly fractured and weakly mineralized. | M 171285 | 1 | 0.06 | 0.2 | <2 | 18 | 14 | 15 |
| 32 | 33 | 0 | Weakly fractured and weakly mineralized. | M 171286 | 1 | 0.1 | <0.2 | <2 | 7 | 12 | 6 |
| 33 | 33.5 | 0 | Strongly brecciated, abundant limonite and limonite after pyrite. | M 171287 | 0.5 | 0.1 | 0.2 | 2 | 19 | 8 | 6 |
| 33.5 | 34 | 0 | Strongly brecciated, abundant limonite and limonite after pyrite. | M 171288 | 0.5 | 0.55 | <0.2 | 2 | 11 | 12 | 3 |
| 34 | 34.5 | 0 | Strongly brecciated, abundant limonite and limonite after pyrite. | M 171289 | 0.5 | 0.1 | <0.2 | 2 | 29 | 5 | 3 |
| 34.5 | 35 | 0 | Strongly brecciated, abundant limonite and limonite after pyrite. | M 171290 | 0.5 | 0.17 | 2.5 | <2 | 261 | 8 | 5 |
| 35 | 35.5 | 0 | Strongly brecciated, abundant limonite and limonite after pyrite. | M 171291 | 0.5 | 0.27 | <0.2 | 3 | 19 | 12 | 9 |
| 35.5 | 36 | 0 | Strongly brecciated, abundant limonite and limonite after pyrite. | M 171292 | 0.5 | 0.42 | <0.2 | <2 | 25 | 7 | 5 |
| 36 | 36.5 | 0 | Strongly brecciated, abundant limonite and limonite after pyrite. | M 171293 | 0.5 | 0.32 | 0.3 | 2 | 76 | 9 | 2 |
| 36.5 | 37 | 0 | Strongly brecciated, abundant limonite and limonite after pyrite. | M 171294 | 0.5 | 0.21 | <0.2 | <2 | 6 | 21 | 11 |
| 37 | 38 | 0 | Weakly brecciated with quartz limonite and pyrite. | M 171295 | 1 | 0.05 | <0.2 | <2 | 3 | 16 | 8 |

CHAPLEAU RESOURCE LTD.

DRILL HOLE RECORD

HOLE #: Z-03-16

LENGTH: 175.6 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 38 | 39 | 0 | Weakly brecciated with quartz limonite and pyrite. | M 171296 | 1 | 0.1 | <0.2 | <2 | 3 | 14 | 10 |
| 39 | 40 | 0 | Weakly brecciated with quartz limonite and pyrite. | M 171297 | 1 | 0.1 | <0.2 | <2 | 76 | 15 | 18 |
| 40 | 41 | 0 | Weakly brecciated with quartz limonite and pyrite. | M 171298 | 1 | 0.27 | <0.2 | <2 | 22 | 16 | 5 |
| 41 | 42 | 0 | Weakly brecciated with quartz limonite and pyrite. | M 171299 | 1 | 0.07 | <0.2 | <2 | 2 | 21 | 1 |
| 42 | 42.5 | 0 | Strongly brecciated with abundant quartz and limonite after pyrite and siderite | M 171300 | 0.5 | 0.06 | <0.2 | <2 | <2 | 17 | 2 |
| STND | | 0 | 7 PA | M 171301 | | 2.73 | <0.2 | 2340 | 31 | 13 | 34 |
| 42.5 | 43 | 0 | Strongly brecciated with abundant quartz and limonite after pyrite and siderite | M 171302 | 0.5 | <0.05 | <0.2 | 4 | 2 | 22 | 1 |
| 43 | 43.5 | 0 | Strongly brecciated with abundant quartz and limonite after pyrite and siderite | M 171303 | 0.5 | <0.05 | <0.2 | <2 | <2 | 21 | 1 |
| 43.5 | 44 | 0 | Strongly brecciated with abundant quartz and limonite after pyrite and siderite | M 171304 | 0.5 | <0.05 | <0.2 | <2 | 2 | 25 | 2 |
| 44 | 44.5 | 0 | Moderately to weakly fractured, fractures are mineralized by limonite, pyrite to quartz. | M 171305 | 0.5 | <0.05 | <0.2 | <2 | 2 | 18 | 1 |
| 44.5 | 45.5 | 0 | Moderately to weakly fractured, fractures are mineralized by limonite, pyrite to quartz. | M 171306 | 1 | 0.09 | <0.2 | <2 | 3 | 15 | 4 |
| 45.5 | 46.5 | 0 | Moderately to weakly fractured, fractures are mineralized by limonite, pyrite to quartz. | M 171307 | 1 | <0.05 | <0.2 | <2 | 6 | 13 | 4 |
| 46.5 | 47.5 | 0 | Moderately to weakly fractured, fractures are mineralized by limonite, pyrite to quartz. | M 171308 | 1 | 0.46 | <0.2 | <2 | 21 | 20 | 11 |
| 47.5 | 48.5 | 0 | Moderately to weakly fractured, fractures are mineralized by limonite, pyrite to quartz. | M 171309 | 1 | 0.24 | <0.2 | <2 | 10 | 9 | 12 |
| 48.5 | 49.5 | 0 | Moderately to weakly fractured, fractures are mineralized by limonite, pyrite to quartz. | M 171310 | 1 | <0 | <0.2 | <2 | 10 | 14 | 4 |
| 49.5 | 50.5 | 0 | Moderately to weakly fractured, fractures are mineralized by limonite, pyrite to quartz. | M 171311 | 1 | <0.05 | 0.2 | <2 | 17 | 6 | 47 |
| 50.5 | 51.5 | 0 | Moderately to weakly fractured, fractures are mineralized by limonite, pyrite to quartz. | M 171312 | 1 | <0.05 | <0.2 | <2 | 32 | 4 | 14 |
| 51.5 | 52.5 | 0 | Moderately to weakly fractured, fractures are mineralized by limonite, pyrite to quartz. | M 171313 | 1 | <0.05 | <0.2 | <2 | 21 | 18 | 10 |
| 52.5 | 53.5 | 0 | Moderately to weakly fractured, fractures are mineralized by limonite, pyrite to quartz. | M 171314 | 1 | <0.05 | <0.2 | <2 | 2 | 12 | 1 |
| 53.5 | 54.5 | 0 | Moderately to weakly fractured, fractures are mineralized by limonite, pyrite to quartz. | M 171315 | 1 | <0.05 | <0.2 | <2 | 2 | 10 | 2 |
| 54.5 | 55.5 | 0 | Moderately to weakly fractured, fractures are mineralized by limonite, pyrite to quartz. | M 171316 | 1 | <0.05 | <0.2 | <2 | 3 | 15 | 2 |

CHAPLEAU RESOURCE LTD.

DRILL HOLE RECORD

HOLE #: Z-03-16

LENGTH: 175.6 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 55.5 | 56.5 | 0 | Moderately to weakly fractured, fractures are mineralized by limonite, pyrite and quartz. | M 171317 | 1 | <0.05 | <0.2 | <2 | 10 | 27 | 2 |
| 56.5 | 57.5 | 0 | Moderately to weakly fractured, fractures are mineralized by limonite, pyrite and quartz. | M 171318 | 1 | 0.13 | <0.2 | <2 | 3 | 14 | 2 |
| 57.5 | 58.5 | 0 | Moderately to weakly fractured, fractures are mineralized by limonite, pyrite and quartz. | M 171319 | 1 | <0.05 | <0.2 | <2 | 2 | 15 | 3 |
| 58.5 | 59.5 | 0 | Moderately to weakly fractured, fractures are mineralized by limonite, pyrite and quartz. | M 171320 | 1 | <0.05 | <0.2 | <2 | 4 | 18 | 6 |
| 59.5 | 60.5 | 0 | Moderately to weakly fractured, fractures are mineralized by limonite, pyrite and quartz. | M 171321 | 1 | <0.05 | <0.2 | 2 | <2 | 6 | 2 |
| STND | | 0 | 62 P B | M 171322 | | 11.2 | 21.7 | 18 | 36 | 112 | 174 |
| 60.5 | 61.5 | 0 | Moderately to weakly fractured, fractures are mineralized by limonite, pyrite and quartz. | M 171323 | 1 | <0.05 | <0.2 | <2 | <2 | 12 | 3 |
| 61.5 | 62.5 | 0 | Moderately to weakly fractured, fractures are mineralized by limonite, pyrite and quartz. | M 171324 | 1 | <0.05 | <0.2 | <2 | <2 | 13 | 1 |
| 62.5 | 63.5 | 0 | Moderately to weakly fractured, fractures are mineralized by limonite, pyrite and quartz. | M 171325 | 1 | <0.05 | <0.2 | <2 | <2 | 15 | 1 |
| 63.5 | 64.5 | 0 | Moderately to weakly fractured, fractures are mineralized by limonite, pyrite and quartz. | M 171326 | 1 | <0.05 | <0.2 | <2 | <2 | 15 | 1 |
| 64.5 | 65.5 | 0 | Moderately to weakly fractured, fractures are mineralized by limonite, pyrite and quartz. | M 171327 | 1 | <0.05 | <0.2 | 2 | 11 | 12 | 2 |
| 65.5 | 66.5 | 0 | Moderately to weakly fractured, fractures are mineralized by limonite, pyrite and quartz. | M 171328 | 1 | <0.05 | <0.2 | <2 | <2 | 8 | 2 |
| 66.5 | 67.5 | 0 | Moderately to weakly fractured, fractures are mineralized by limonite, pyrite and quartz. | M 171329 | 1 | <0.05 | <0.2 | <2 | <2 | 14 | 1 |

CHAPLEAU RESOURCE LTD.
DRILL HOLE RECORD

HOLE #: Z-03-16
LENGTH: 175.6 M.

| From | To | LITHOLOGY: Quartzite interbedded argillite (Argillite less than 10% of unit). |
|------|------|--|
| 63.0 | 79.0 | COLOR: Quartzite, generally dark purplish gray rare maroon colors, rare argillite beds are generally light brown to yellowish brown. |
| | | PRIMARY STRUCTURE: Thin to very thin bedded, bedding planes are sharp and weakly wavy to locally flat. Quartzite beds are fine grained, and locally parallel laminated. Thin argillite beds are finely wispily laminated to strongly distorted by soft sediment deformation. Bedding to core axis, at 72.0 = 52°, at 78.0 = 52°. |
| | | TECTONIC STRUCTURE: Widely scattered quartz filled fractures as previously described. |
| | | GENERAL ALTERATION: Regional silicification and sericitization. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Very weakly scattered quartz - limonite and pyrite fractures rarely more than 4 mm thick. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 67.5 | 68.5 | 0 | Very weakly scattered quartz - limonite - pyrite veinlets - rarely more than 4 mm thick. | M 171330 | 1 | <0.05 | <0.2 | <2 | 2 | 15 | 1 |
| 68.5 | 69.5 | 0 | Very weakly scattered quartz - limonite - pyrite veinlets - rarely more than 4 mm thick. | M 171331 | 1 | <0.05 | <0.2 | <2 | 8 | 13 | 1 |
| 69.5 | 70.5 | 0 | Very weakly scattered quartz - limonite - pyrite veinlets - rarely more than 4 mm thick. | M 171332 | 1 | <0.05 | <0.2 | <2 | 2 | 8 | 1 |
| 70.5 | 71.5 | 0 | Very weakly scattered quartz - limonite - pyrite veinlets - rarely more than 4 mm thick. | M 171333 | 1 | <0.05 | <0.2 | <2 | <2 | 10 | 1 |
| 71.5 | 72.5 | 0 | Very weakly scattered quartz - limonite - pyrite veinlets - rarely more than 4 mm thick. | M 171334 | 1 | 0.06 | <0.2 | <2 | 2 | 9 | 1 |
| 72.5 | 73.5 | 0 | Very weakly scattered quartz - limonite - pyrite veinlets - rarely more than 4 mm thick. | M 171335 | 1 | <0.05 | <0.2 | <2 | 3 | 14 | 2 |
| 73.5 | 74.5 | 0 | Very weakly scattered quartz - limonite - pyrite veinlets - rarely more than 4 mm thick. | M 171336 | 1 | <0.05 | <0.2 | <2 | <2 | 10 | 2 |
| 74.5 | 75.5 | 0 | Very weakly scattered quartz - limonite - pyrite veinlets - rarely more than 4 mm thick. | M 171337 | 1 | <0.05 | <0.2 | <2 | <2 | 13 | 3 |
| 75.5 | 76.5 | 0 | Very weakly scattered quartz - limonite - pyrite veinlets - rarely more than 4 mm thick. | M 171338 | 1 | <0.05 | <0.2 | <2 | <2 | 9 | 2 |
| 76.5 | 77.5 | 0 | Very weakly scattered quartz - limonite - pyrite veinlets - rarely more than 4 mm thick. | M 171339 | 1 | 0.12 | <0.2 | <2 | 4 | 12 | 3 |
| 77.5 | 78.5 | 0 | Very weakly scattered quartz - limonite - pyrite veinlets - rarely more than 4 mm thick. | M 171340 | 1 | <0.05 | <0.2 | <2 | <2 | 10 | 3 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-16

LENGTH: 175.6 M.

| From | To | LITHOLOGY: Quartzite interbedded argillite (unit 15% argillite). |
|------|----|--|
| 79 | 95 | COLOR: Quartzite, light greenish gray and light maroon. Argillite interbeds are light apple green. |
| | | PRIMARY STRUCTURE: Medium to thin and very thin bedded, bedding planes are sharp, generally wavy. Quartzites are all very fine grained. Argillite beds are generally thin to very thin, commonly distorted due to soft sediment deformation. Bedding to core 44° at 92.0 meters. |
| | | TECTONIC STRUCTURE: Weakly brecciated in general, but strongly brecciated from 82.5 – 88.0, veinlets cut core as previously described. |
| | | GENERAL ALTERATION: Quartzites strongly silicified and sericitized, argillite generally altered to light green and yellowish green sericite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Weakly mineralized (Pyrite and limonite) quartz veins are scattered throughout interval. 82.5 – 88.0 strongly fractured and mineralized by limonite after pyrite and siderite and some fresh pyrite. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 78.5 | 79.5 | 0 | | M 171341 | 1 | <0.05 | <0.2 | <2 | <2 | 11 | 2 |
| 79.5 | 80.5 | 0 | Strongly brecciated and well mineralized by drusy quartz hosting limonite, limonite after pyrite and fresh pyrite. | M 171342 | 1 | 0.39 | <0.2 | <2 | 3 | 11 | 4 |
| STND | | 0 | 7 P A | M 171343 | | 3.02 | <0.2 | 2290 | 30 | 13 | 33 |
| 80.5 | 81.5 | 0 | Strongly brecciated and well mineralized by drusy quartz hosting limonite, limonite after pyrite and fresh pyrite. | M 171344 | 1 | 0.14 | <0.2 | 3 | 3 | 8 | 12 |
| 81.5 | 82 | 0 | Strongly brecciated and well mineralized by drusy quartz hosting limonite, limonite after pyrite and fresh pyrite. | M 171345 | 0.5 | 0.34 | <0.2 | <2 | 7 | 7 | 8 |
| 82 | 82.5 | 0 | Strongly brecciated and well mineralized by drusy quartz hosting limonite, limonite after pyrite and fresh pyrite. | M 171346 | 0.5 | <0.05 | <0.2 | <2 | <2 | 17 | 2 |
| 82.5 | 83 | 0 | Strongly brecciated and well mineralized by drusy quartz hosting limonite, limonite after pyrite and fresh pyrite. | M 171347 | 0.5 | <0.05 | <0.2 | <2 | <2 | 13 | 3 |
| 83 | 83.5 | 0 | Strongly brecciated and well mineralized by drusy quartz hosting limonite, limonite after pyrite and fresh pyrite. | M 171348 | 0.5 | <0.05 | <0.2 | <2 | 3 | 11 | 4 |
| 83.5 | 84 | 0 | Strongly brecciated and well mineralized by drusy quartz hosting limonite, limonite after pyrite and fresh pyrite. | M 171349 | 0.5 | <0.05 | <0.2 | <2 | 4 | 33 | 7 |
| 84 | 84.5 | 0 | Strongly brecciated and well mineralized by drusy quartz hosting limonite, limonite after pyrite and fresh pyrite. | M 171350 | 0.5 | <0.05 | <0.2 | <2 | 4 | 31 | 11 |
| STND | | 0 | | M 171351 | | 3.05 | <0.2 | 2300 | 30 | 17 | 35 |
| 84.5 | 85 | 0 | Strongly brecciated and well mineralized by drusy quartz hosting limonite, limonite after pyrite and fresh pyrite. | M 171352 | 0.5 | <0.05 | <0.2 | 2 | 3 | 12 | 4 |
| 85 | 85.5 | 0 | Strongly brecciated and well mineralized by drusy quartz hosting limonite, limonite after pyrite and fresh pyrite. | M 171353 | 0.5 | <0.05 | <0.2 | <2 | 2 | 16 | 7 |

CHAPLEAU RESOURCE LTD.

DRILL HOLE RECORD

HOLE #: Z-03-16

LENGTH: 175.6 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 85.5 | 86 | 0 | Strongly brecciated and well mineralized by drusy quartz hosting limonite, limonite after pyrite and fresh pyrite. | M 171354 | 0.5 | <0.05 | <0.2 | <2 | 4 | 27 | 17 |
| 86 | 86.5 | 0 | Strongly brecciated and well mineralized by drusy quartz hosting limonite, limonite after pyrite and fresh pyrite. | M 171355 | 0.5 | 0.08 | <0.2 | <2 | 3 | 11 | 6 |
| 86.5 | 87 | 0 | Strongly brecciated and well mineralized by drusy quartz hosting limonite, limonite after pyrite and fresh pyrite. | M 171356 | 0.5 | 0.12 | <0.2 | <2 | 6 | 19 | 11 |
| 87 | 87.5 | 0 | Strongly brecciated and well mineralized by drusy quartz hosting limonite, limonite after pyrite and fresh pyrite. | M 171357 | 0.5 | 0.17 | <0.2 | <2 | 4 | 7 | 5 |
| 87.5 | 88 | 0 | Strongly brecciated and well mineralized by drusy quartz hosting limonite, limonite after pyrite and fresh pyrite. | M 171358 | 0.5 | 0.21 | <0.2 | <2 | 5 | 19 | 8 |
| 88 | 88.5 | 0 | Generally weakly brecciated and mineralized by limonite and limonite after pyrite. | M 171359 | 0.5 | 0.09 | <0.2 | <2 | 3 | 30 | 5 |
| 88.5 | 89 | 0 | Generally weakly brecciated and mineralized by limonite and limonite after pyrite. | M 171360 | 0.5 | <0.05 | <0.2 | <2 | 2 | 9 | 5 |
| 89 | 89.5 | 0 | Generally weakly brecciated and mineralized by limonite and limonite after pyrite. | M 171361 | 0.5 | <0.05 | <0.2 | <2 | 28 | 10 | 12 |
| 89.5 | 90 | 0 | Generally weakly brecciated and mineralized by limonite and limonite after pyrite. | M 171362 | 0.5 | <0.05 | <0.2 | <2 | 4 | 11 | 4 |
| 90 | 91 | 0 | Generally weakly brecciated and mineralized by limonite and limonite after pyrite. | M 171363 | 1 | <0.05 | <0.2 | <2 | <2 | 11 | 1 |
| 91 | 92 | 0 | Generally weakly brecciated and mineralized by limonite and limonite after pyrite. | M 171364 | 1 | <0.05 | <0.2 | <2 | <2 | 13 | 1 |
| 92 | 93 | 0 | Generally weakly brecciated and mineralized by limonite and limonite after pyrite. | M 171365 | 1 | <0.05 | <0.2 | <2 | <2 | 6 | 2 |
| 93 | 94 | 0 | Generally weakly brecciated and mineralized by limonite and limonite after pyrite. | M 171366 | 1 | <0.05 | <0.2 | <2 | <2 | 11 | 2 |
| 94 | 95 | 0 | Generally weakly brecciated and mineralized by limonite and limonite after pyrite. | M 171367 | 1 | <0.05 | <0.2 | <2 | <2 | 14 | 1 |

CHAPLEAU RESOURCE LTD.
DRILL HOLE RECORD

HOLE #: Z-03-16
LENGTH: 175.6 M.

| From | To | LITHOLOGY: Quartzite minor interbeds of argillite. (Less than 10% of section argillite) 138.6 to 141.5 mainly thin bedded, light green argillite. 153.7 to 156.1 massive quartzite bed, whitish park, very fine grained. |
|--------|-------|---|
| 95 | 175.6 | COLOR: Quartzite are all purplish gray in color, argillite light gray to light green. |
| End of | | PRIMARY STRUCTURE: Medium to thin bedded, rare very thick beds, bedding is sharp and generally wavy. Quartzite beds are fine grained, some quartzite beds are strongly slump structured. Argillite interbeds are generally very thin and highly disrupted, due to soft sediment deformation, bedding to 68° at 175.0. |
| Hole | | TECTONIC STRUCTURE: Strongly brecciated from 95.0 – 101.0. Veinlets are as previously described. |
| | | GENERAL ALTERATION: Quartzite's are intensely silicified and sericitized. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: 95.0 – 101.0 widely scattered veinlets, with minor fine crystals of fresh pyrite. 140.0 to 141.0 weak crackle breccia zone minor limonite. 166.0 – to 171.3 strongly brecciated by abundant drusy white quartz – dolomite veinlets. Veinlets host weakly disseminated pyrite and hematite. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 95 | 96 | 0 | | M 171368 | 1 | <0.05 | <0.2 | <2 | <2 | 9 | 3 |
| 96 | 97 | 0 | | M 171369 | 1 | 0.19 | <0.2 | <2 | 3 | 11 | 3 |
| 97 | 98 | 0 | | M 171370 | 1 | <0.05 | <0.2 | <2 | 2 | 8 | 1 |
| 98 | 99 | 0 | | M 171371 | 1 | <0.05 | <0.2 | <2 | <2 | 9 | 2 |
| 99 | 100 | 0 | | M 171372 | 1 | <0.05 | <0.2 | <2 | 7 | 13 | 7 |
| 100 | 101 | 0 | | M 171373 | 1 | <0.05 | <0.2 | <2 | 2 | 5 | 6 |
| STND | | 0 | | M 171374 | | 9.82 | 19 | 15 | 35 | 107 | 163 |
| 114 | 115 | 0 | | M 171375 | 1 | <0.05 | <0.2 | <2 | 7 | 14 | 3 |
| 166 | 166.5 | 0 | Strongly brecciated, mineralized by drusy quartz, hosting limonite and pyrite. | M 171376 | 0.5 | <0.05 | 0.2 | <2 | 7 | 6 | 3 |
| 166.5 | 167 | 0 | | M 171377 | 0.5 | <0.05 | <0.2 | <2 | 6 | 4 | 3 |
| 167 | 167.5 | 0 | | M 171378 | 0.5 | <0.05 | <0.2 | 2 | 7 | 5 | 7 |
| 167.5 | 168 | 0 | | M 171379 | 0.5 | <0.05 | <0.2 | <2 | 3 | 7 | 5 |
| 168 | 168.5 | 0 | | M 171380 | 0.5 | <0.05 | <0.2 | <2 | <2 | 8 | 2 |
| 168.5 | 169 | 0 | | M 171381 | 0.5 | <0.05 | <0.2 | <2 | <2 | 14 | 1 |
| 169 | 170 | 0 | | M 171382 | 1 | <0.05 | <0.2 | <2 | <2 | 5 | 2 |
| 170 | 170.5 | 0 | | M 171383 | 0.5 | <0.05 | <0.2 | <2 | <2 | 7 | 1 |



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104-135 10TH AVE S
CRANBROOK BC V1C 2N1

Page # : 1
Date : 8-Oct-2003
Account: NJY

CERTIFICATE VA03038530

Project : Z-03-15/16

P.O. No:

This report is for 68 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 29-Sep-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-21 | Crush entire sample 70% < 6 mm |
| PUL-21 | Pulverize entire sample |
| LOG-24 | Pulp Login - Rcd w/o Barcode |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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CRANBROOK BC V1C 2N1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Page: 2 - A

Total # of pages : 3 (A - C)

Date : 8-Oct-2003

Account: NJY

Project : Z-03-15/16

CERTIFICATE OF ANALYSIS VA03038530

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M171214 | | 1.18 | <0.05 | <0.05 | <0.05 | <0.001 | 21.00 | 1072.0 | 0.01 | <0.01 | <0.2 | 0.27 | <2 | <10 | 150 | <0.5 |
| M171215 | | 1.12 | <0.05 | <0.05 | <0.05 | <0.001 | 9.21 | 1144.0 | <0.01 | <0.01 | <0.2 | 0.44 | <2 | <10 | 110 | <0.5 |
| M171216 | | 1.36 | <0.05 | 0.35 | <0.05 | 0.013 | 36.70 | 1281.5 | <0.01 | 0.01 | <0.2 | 0.29 | <2 | <10 | 90 | <0.5 |
| M171217 | | 1.26 | <0.05 | <0.05 | <0.05 | <0.001 | 10.10 | 913.7 | <0.01 | <0.01 | <0.2 | 0.23 | <2 | <10 | 40 | <0.5 |
| M171218 | | 1.22 | <0.05 | 0.87 | <0.05 | 0.007 | 10.50 | 1156.0 | 0.01 | 0.01 | 0.4 | 0.25 | <2 | <10 | 150 | <0.5 |
| M171219 | | 1.22 | <0.05 | <0.05 | <0.05 | <0.001 | 29.14 | 1172.0 | <0.01 | <0.01 | <0.2 | 0.22 | <2 | <10 | 50 | <0.5 |
| M171220 | | 1.26 | <0.05 | <0.05 | <0.05 | <0.001 | 8.24 | 1208.0 | 0.05 | 0.01 | <0.2 | 0.16 | <2 | <10 | 50 | <0.5 |
| M171221 | | 1.74 | <0.05 | <0.05 | <0.05 | <0.001 | 11.98 | 1688.5 | <0.01 | <0.01 | <0.2 | 0.17 | <2 | <10 | 50 | <0.5 |
| M171222 | | 1.96 | <0.05 | <0.05 | <0.05 | <0.001 | 7.50 | 1888.5 | <0.01 | <0.01 | <0.2 | 0.22 | <2 | <10 | 70 | <0.5 |
| M171223 | | 1.56 | <0.05 | <0.05 | <0.05 | <0.001 | 14.05 | 1486.5 | 0.01 | <0.01 | <0.2 | 0.40 | <2 | <10 | 640 | 0.5 |
| M171224 | | 3.06 | 0.75 | 7.47 | 0.73 | 0.069 | 9.24 | 2818 | 0.64 | 0.82 | 0.2 | 0.36 | <2 | <10 | 400 | <0.5 |
| M171225 | | 2.68 | <0.05 | <0.05 | <0.05 | <0.001 | 6.69 | 3395 | <0.01 | <0.01 | <0.2 | 0.34 | <2 | <10 | 220 | <0.5 |
| M171226 | | 2.74 | <0.05 | <0.05 | <0.05 | <0.001 | 27.93 | 2616 | 0.01 | 0.04 | <0.2 | 0.30 | <2 | <10 | 320 | <0.5 |
| M171227 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 9.26 | 9.08 | 20.4 | 1.86 | 16 | <10 | 90 | <0.5 |
| M171228 | | 2.46 | <0.05 | <0.05 | <0.05 | <0.001 | 3.61 | 2265 | 0.01 | 0.03 | <0.2 | 0.37 | <2 | <10 | 130 | <0.5 |
| M171229 | | 1.92 | 0.86 | 6.08 | 0.81 | 0.115 | 18.93 | 1843.0 | 0.80 | 0.82 | 0.5 | 0.32 | <2 | <10 | 220 | <0.5 |
| M171230 | | 3.06 | <0.05 | <0.05 | <0.05 | <0.001 | 10.63 | 2957 | <0.01 | <0.01 | <0.2 | 0.31 | <2 | <10 | 220 | <0.5 |
| M171231 | | 1.06 | 0.42 | 0.99 | 0.40 | 0.036 | 36.32 | 957.8 | 0.40 | 0.40 | <0.2 | 0.31 | <2 | <10 | 270 | <0.5 |
| M171232 | | 1.04 | 2.24 | 3.21 | 2.22 | 0.073 | 22.71 | 962.9 | 2.17 | 2.26 | 0.2 | 0.25 | 2 | <10 | 120 | <0.5 |
| M171233 | | 1.28 | 1.41 | 24.5 | 1.16 | 0.327 | 13.33 | 1198.5 | 1.01 | 1.30 | <0.2 | 0.28 | <2 | <10 | 270 | <0.5 |
| M171234 | | 1.30 | 1.07 | 6.82 | 1.00 | 0.103 | 15.11 | 1247.5 | 0.99 | 1.01 | 0.5 | 0.29 | <2 | <10 | 530 | <0.5 |
| M171235 | | 1.22 | <0.05 | 0.31 | <0.05 | 0.006 | 19.19 | 948.4 | 0.02 | 0.03 | <0.2 | 0.36 | <2 | <10 | 100 | <0.5 |
| M171236 | | 2.64 | <0.05 | 0.10 | <0.05 | 0.003 | 29.54 | 2497 | <0.01 | <0.01 | 0.2 | 0.34 | <2 | <10 | 120 | <0.5 |
| M171237 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 2.86 | 3.04 | <0.2 | 0.75 | 2330 | 10 | 150 | 1.0 |
| M171238 | | 2.84 | 0.24 | 0.73 | 0.24 | 0.010 | 13.76 | 2668 | 0.24 | 0.23 | <0.2 | 0.38 | 6 | <10 | 150 | <0.5 |
| M171239 | | 1.48 | 0.69 | 2.02 | 0.68 | 0.028 | 13.85 | 1415.0 | 0.67 | 0.68 | <0.2 | 0.26 | 7 | <10 | 610 | <0.5 |
| M171240 | | 1.28 | 0.73 | 2.86 | 0.68 | 0.080 | 27.94 | 1203.5 | 0.67 | 0.69 | 0.9 | 0.28 | 2 | <10 | 90 | <0.5 |
| M171241 | | 2.68 | 0.38 | 1.93 | 0.35 | 0.069 | 35.66 | 1796.0 | 0.45 | 0.24 | <0.2 | 0.38 | <2 | <10 | 170 | <0.5 |
| M171242 | | 3.02 | <0.05 | <0.05 | <0.05 | <0.001 | 20.09 | 2802 | <0.01 | <0.01 | <0.2 | 0.35 | <2 | <10 | 120 | <0.5 |
| M171243 | | 3.32 | 0.17 | 0.98 | 0.17 | 0.029 | 29.54 | 3119 | 0.17 | 0.16 | <0.2 | 0.47 | <2 | <10 | 120 | <0.5 |
| M171244 | | 2.96 | 0.32 | 6.00 | 0.29 | 0.101 | 16.82 | 2814 | 0.29 | 0.28 | <0.2 | 0.45 | <2 | <10 | 110 | <0.5 |
| M171245 | | 1.40 | <0.05 | <0.05 | <0.05 | <0.001 | 14.01 | 1353.5 | <0.01 | 0.02 | <0.2 | 0.40 | <2 | <10 | 100 | <0.5 |
| M171246 | | 1.68 | 0.44 | 0.84 | 0.44 | 0.012 | 14.25 | 1593.5 | 0.54 | 0.34 | <0.2 | 0.50 | <2 | <10 | 70 | <0.5 |
| M171247 | | 2.54 | 0.39 | 1.55 | 0.39 | 0.030 | 19.34 | 2450 | 0.34 | 0.43 | 0.3 | 0.36 | <2 | <10 | 110 | <0.5 |
| M171248 | | 1.54 | 0.31 | 0.29 | 0.32 | 0.007 | 24.53 | 1457.0 | 0.32 | 0.31 | <0.2 | 0.45 | <2 | <10 | 180 | <0.5 |
| M171249 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 2.88 | 2.99 | <0.2 | 0.77 | 2320 | 10 | 160 | 1.1 |
| M171250 | | 0.66 | 0.62 | 5.17 | 0.59 | 0.026 | 5.03 | 631.1 | 0.59 | 0.58 | <0.2 | 0.49 | 5 | <10 | 540 | <0.5 |
| M171251 | | 1.26 | 0.96 | 7.84 | 0.91 | 0.070 | 8.93 | 1195.0 | 0.92 | 0.90 | <0.2 | 0.43 | 4 | <10 | 590 | 0.5 |
| M171252 | | 1.42 | 0.60 | 5.88 | 0.56 | 0.066 | 11.23 | 1353.5 | 0.52 | 0.60 | 0.2 | 0.46 | 3 | <10 | 550 | 0.5 |
| M171253 | | 1.18 | 0.15 | 0.13 | 0.15 | 0.002 | 15.60 | 1131.5 | 0.12 | 0.18 | <0.2 | 0.45 | <2 | <10 | 250 | <0.5 |

Comments: NSS is non-sufficient sample.



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 Account: NJY

Project : Z-03-15/16

CERTIFICATE OF ANALYSIS VA03038530

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M171254 | | 2.22 | 0.14 | 0.10 | 0.14 | 0.003 | 30.64 | 2132 | 0.10 | 0.18 | <0.2 | 0.35 | 6 | <10 | 140 | <0.5 |
| M171255 | | 1.44 | <0.05 | <0.05 | <0.05 | <0.001 | 28.28 | 1387.5 | 0.04 | 0.04 | <0.2 | 0.26 | 3 | <10 | 70 | <0.5 |
| M171256 | | 1.22 | 0.12 | 0.17 | 0.12 | 0.005 | 29.89 | 1185.0 | 0.11 | 0.12 | <0.2 | 0.32 | 4 | <10 | 120 | <0.5 |
| M171257 | | 1.48 | <0.05 | <0.05 | <0.05 | <0.001 | 23.43 | 1401.0 | 0.03 | 0.05 | <0.2 | 0.45 | 4 | <10 | 200 | <0.5 |
| M171258 | | 1.32 | 0.45 | 0.20 | 0.46 | 0.005 | 25.24 | 1257.0 | 0.42 | 0.50 | <0.2 | 0.34 | <2 | <10 | 90 | <0.5 |
| M171259 | | 1.38 | 0.47 | 2.68 | 0.45 | 0.043 | 16.02 | 1324.5 | 0.46 | 0.43 | 0.2 | 0.33 | <2 | <10 | 100 | <0.5 |
| M171260 | | 1.22 | 0.38 | 0.73 | 0.37 | 0.017 | 23.40 | 1143.0 | 0.40 | 0.34 | <0.2 | 0.32 | <2 | <10 | 30 | <0.5 |
| M171261 | | 1.52 | 0.44 | 1.13 | 0.44 | 0.020 | 17.76 | 1414.0 | 0.43 | 0.44 | 0.3 | 0.34 | <2 | <10 | 80 | <0.5 |
| M171262 | | 1.36 | 0.61 | 1.28 | 0.60 | 0.025 | 19.55 | 1281.5 | 0.52 | 0.67 | 0.2 | 0.32 | <2 | <10 | 90 | <0.5 |
| M171263 | | 1.62 | 0.33 | 0.66 | 0.32 | 0.016 | 24.10 | 1521.5 | 0.34 | 0.30 | <0.2 | 0.39 | <2 | <10 | 100 | <0.5 |
| M171264 | | 1.14 | 0.27 | 0.19 | 0.28 | 0.004 | 21.13 | 1096.5 | 0.26 | 0.29 | <0.2 | 0.36 | <2 | <10 | 120 | <0.5 |
| M171265 | | 1.52 | 0.29 | 0.64 | 0.29 | 0.013 | 20.39 | 1432.5 | 0.25 | 0.33 | <0.2 | 0.44 | 8 | <10 | 160 | <0.5 |
| M171266 | | 1.14 | 0.17 | 0.20 | 0.17 | 0.005 | 24.51 | 1088.5 | 0.17 | 0.16 | <0.2 | 0.44 | 2 | <10 | 210 | <0.5 |
| M171267 | | 1.68 | 0.50 | 1.38 | 0.49 | 0.031 | 22.53 | 1581.5 | 0.45 | 0.52 | 0.2 | 0.38 | 2 | <10 | 140 | <0.5 |
| M171268 | | 1.06 | 0.62 | 3.71 | 0.55 | 0.081 | 21.84 | 995.6 | 0.46 | 0.64 | <0.2 | 0.36 | <2 | <10 | 50 | <0.5 |
| M171269 | | 1.42 | 2.71 | 10.45 | 2.58 | 0.235 | 22.50 | 1336.5 | 2.44 | 2.72 | 0.3 | 0.55 | 9 | <10 | 320 | 0.5 |
| M171270 | | 1.02 | 0.97 | 3.31 | 0.94 | 0.046 | 13.91 | 965.5 | 0.93 | 0.95 | <0.2 | 0.23 | 10 | <10 | 90 | <0.5 |
| M171271 | | 1.46 | 1.05 | 4.78 | 1.01 | 0.079 | 16.52 | 1388.0 | 0.94 | 1.07 | 0.2 | 0.40 | 2 | <10 | 180 | <0.5 |
| M171272 | | 1.18 | 0.35 | 0.38 | 0.35 | 0.009 | 23.66 | 1127.0 | 0.30 | 0.39 | 0.4 | 0.28 | <2 | <10 | 140 | <0.5 |
| M171273 | | 2.52 | 0.24 | 0.94 | 0.24 | 0.016 | 17.06 | 2395 | 0.17 | 0.30 | <0.2 | 0.51 | <2 | <10 | 180 | 0.5 |
| M171274 | | 2.04 | 0.18 | 0.13 | 0.19 | 0.004 | 30.08 | 1900.0 | 0.15 | 0.22 | <0.2 | 0.32 | <2 | <10 | 1150 | <0.5 |
| M171275 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 2.54 | 3.08 | <0.2 | 0.75 | 2330 | 10 | 160 | 1.1 |
| M171276 | | 2.48 | 0.20 | 0.83 | 0.19 | 0.026 | 31.46 | 2337 | 0.24 | 0.14 | <0.2 | 0.31 | 7 | <10 | 160 | <0.5 |
| M171277 | | 2.62 | 0.46 | 2.62 | 0.43 | 0.093 | 35.53 | 2470 | 0.54 | 0.31 | <0.2 | 0.36 | 2 | <10 | 230 | <0.5 |
| M171278 | | 2.78 | <0.05 | 0.06 | <0.05 | 0.002 | 33.05 | 2656 | 0.01 | 0.01 | <0.2 | 0.27 | <2 | <10 | 200 | <0.5 |
| M171279 | | 2.42 | 0.05 | <0.05 | 0.06 | <0.001 | 31.52 | 2294 | 0.07 | 0.04 | <0.2 | 0.36 | <2 | <10 | 340 | 0.5 |
| M171280 | | 2.28 | 0.08 | <0.05 | 0.08 | <0.001 | 27.60 | 2086 | 0.08 | 0.08 | <0.2 | 0.32 | <2 | <10 | 240 | <0.5 |

Comments: NSS is non-sufficient sample.



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Date : 8-Oct-2003
Account: NJY

Project : Z-03-15/16

CERTIFICATE OF ANALYSIS VA03038530

| Method Analyte Units LOR | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 |
|-----------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| Sample Description | | | | | | | | | | | | | | | |
| M171214 | <2 | 0.06 | <0.5 | 4 | 110 | 6 | 0.87 | <10 | <1 | 0.15 | 20 | 0.04 | 138 | 1 | 0.04 |
| M171215 | <2 | 0.02 | <0.5 | 4 | 189 | 6 | 1.08 | <10 | 1 | 0.24 | 30 | 0.05 | 192 | 1 | 0.03 |
| M171216 | <2 | 0.04 | <0.5 | 2 | 101 | 3 | 0.78 | <10 | <1 | 0.15 | 20 | 0.04 | 161 | <1 | 0.04 |
| M171217 | <2 | 0.01 | <0.5 | 1 | 122 | 2 | 0.46 | <10 | <1 | 0.12 | 20 | 0.02 | 72 | 1 | 0.05 |
| M171218 | <2 | 0.01 | <0.5 | 3 | 182 | 14 | 0.88 | <10 | <1 | 0.10 | 20 | 0.02 | 202 | 2 | 0.08 |
| M171219 | <2 | 0.01 | <0.5 | 2 | 111 | 2 | 0.62 | <10 | <1 | 0.12 | 30 | 0.02 | 195 | <1 | 0.04 |
| M171220 | <2 | 0.01 | <0.5 | 2 | 126 | 6 | 0.67 | <10 | <1 | 0.10 | 30 | 0.02 | 205 | 1 | 0.01 |
| M171221 | <2 | 0.01 | <0.5 | 3 | 108 | 2 | 0.80 | <10 | <1 | 0.05 | 30 | 0.03 | 201 | 1 | 0.04 |
| M171222 | <2 | 0.01 | <0.5 | 4 | 90 | 2 | 0.75 | <10 | <1 | 0.09 | 30 | 0.03 | 235 | <1 | 0.04 |
| M171223 | <2 | 0.07 | <0.5 | 7 | 67 | 3 | 1.38 | <10 | <1 | 0.25 | 50 | 0.04 | 387 | <1 | 0.01 |
| M171224 | <2 | 0.03 | <0.5 | 7 | 49 | 4 | 1.64 | <10 | <1 | 0.25 | 30 | 0.10 | 306 | 1 | 0.01 |
| M171225 | <2 | 0.05 | <0.5 | 6 | 79 | 2 | 1.21 | <10 | <1 | 0.22 | 30 | 0.18 | 226 | <1 | 0.02 |
| M171226 | <2 | 0.02 | <0.5 | 3 | 103 | 4 | 1.10 | <10 | 1 | 0.16 | 30 | 0.04 | 105 | <1 | 0.05 |
| M171227 | <2 | 1.24 | 3.2 | 19 | 26 | 163 | 3.61 | 10 | 1 | 0.26 | 10 | 0.93 | 806 | 25 | 0.06 |
| M171228 | <2 | 0.11 | <0.5 | 5 | 57 | 1 | 2.00 | <10 | <1 | 0.21 | 30 | 0.08 | 272 | 1 | 0.01 |
| M171229 | <2 | 0.13 | <0.5 | 9 | 61 | 15 | 1.78 | <10 | 1 | 0.21 | 40 | 0.07 | 812 | <1 | <0.01 |
| M171230 | <2 | 0.05 | <0.5 | 6 | 81 | 2 | 1.00 | <10 | <1 | 0.20 | 40 | 0.04 | 243 | <1 | 0.01 |
| M171231 | <2 | 0.03 | <0.5 | 10 | 64 | 5 | 2.11 | <10 | <1 | 0.19 | 40 | 0.04 | 1315 | <1 | 0.01 |
| M171232 | <2 | 0.01 | <0.5 | 14 | 69 | 19 | 4.06 | <10 | <1 | 0.18 | 40 | 0.03 | 249 | 1 | <0.01 |
| M171233 | <2 | 0.06 | <0.5 | 7 | 116 | 4 | 2.04 | <10 | 1 | 0.20 | 30 | 0.06 | 634 | 1 | <0.01 |
| M171234 | <2 | 0.11 | <0.5 | 8 | 54 | 14 | 1.86 | <10 | <1 | 0.21 | 20 | 0.15 | 1050 | 1 | <0.01 |
| M171235 | <2 | 0.09 | <0.5 | 8 | 34 | 3 | 1.91 | <10 | <1 | 0.19 | 30 | 0.07 | 382 | 1 | 0.01 |
| M171236 | <2 | 0.14 | <0.5 | 8 | 45 | 1 | 2.02 | <10 | <1 | 0.20 | 40 | 0.21 | 286 | <1 | 0.01 |
| M171237 | <2 | 0.02 | <0.5 | 1 | 36 | 35 | 2.78 | <10 | 1 | 0.30 | 30 | 0.03 | 44 | 3 | 0.01 |
| M171238 | <2 | 0.06 | <0.5 | 9 | 52 | 6 | 1.52 | <10 | <1 | 0.24 | 30 | 0.05 | 618 | <1 | <0.01 |
| M171239 | <2 | 0.03 | <0.5 | 5 | 32 | 6 | 1.50 | <10 | 1 | 0.20 | 30 | 0.02 | 140 | <1 | <0.01 |
| M171240 | <2 | <0.01 | <0.5 | 7 | 55 | 4 | 1.13 | <10 | <1 | 0.19 | 20 | 0.02 | 471 | 1 | <0.01 |
| M171241 | <2 | 0.05 | <0.5 | 8 | 33 | 3 | 1.33 | <10 | <1 | 0.21 | 30 | 0.05 | 810 | 1 | 0.01 |
| M171242 | <2 | 0.06 | <0.5 | 5 | 52 | 1 | 1.12 | <10 | <1 | 0.19 | 30 | 0.06 | 333 | <1 | 0.02 |
| M171243 | <2 | 0.06 | <0.5 | 5 | 77 | 9 | 1.02 | <10 | 1 | 0.27 | 40 | 0.06 | 515 | 1 | 0.02 |
| M171244 | <2 | 0.06 | <0.5 | 4 | 140 | 3 | 1.10 | <10 | <1 | 0.24 | 30 | 0.06 | 362 | <1 | 0.02 |
| M171245 | <2 | 0.11 | <0.5 | 6 | 115 | 3 | 1.11 | <10 | <1 | 0.25 | 40 | 0.16 | 341 | 1 | 0.03 |
| M171246 | <2 | 0.07 | <0.5 | 2 | 77 | 5 | 1.08 | <10 | <1 | 0.31 | 30 | 0.03 | 106 | <1 | 0.01 |
| M171247 | <2 | 0.05 | <0.5 | 5 | 87 | 5 | 1.21 | <10 | 1 | 0.25 | 20 | 0.06 | 229 | 1 | 0.01 |
| M171248 | <2 | 0.04 | <0.5 | 6 | 88 | 4 | 1.29 | <10 | <1 | 0.30 | 20 | 0.03 | 387 | <1 | 0.01 |
| M171249 | <2 | 0.02 | <0.5 | 1 | 39 | 35 | 2.85 | <10 | 1 | 0.31 | 30 | 0.03 | 46 | 3 | 0.01 |
| M171250 | <2 | 0.01 | <0.5 | 5 | 118 | 5 | 1.92 | <10 | 1 | 0.29 | 30 | 0.03 | 457 | 1 | 0.01 |
| M171251 | <2 | 0.02 | <0.5 | 9 | 148 | 7 | 2.09 | <10 | 1 | 0.26 | 30 | 0.03 | 998 | 1 | <0.01 |
| M171252 | <2 | 0.01 | <0.5 | 8 | 81 | 5 | 2.09 | <10 | <1 | 0.28 | 30 | 0.03 | 718 | 1 | <0.01 |
| M171253 | <2 | 0.06 | <0.5 | 4 | 102 | 2 | 0.94 | <10 | <1 | 0.26 | 30 | 0.05 | 357 | <1 | 0.01 |

Comments: NSS is non-sufficient sample.



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Project : Z-03-15/16

CERTIFICATE OF ANALYSIS VA03038530

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 | ME-ICP41 Ti % 0.01 | ME-ICP41 Ti ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 |
|--------------------|-----------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|
| M171214 | | 4 | 150 | 12 | 0.03 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 19 |
| M171215 | | 7 | 130 | 6 | 0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 4 | <10 | 23 |
| M171218 | | 4 | 80 | 5 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 16 |
| M171217 | | 4 | 60 | 22 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 9 |
| M171218 | | 4 | 50 | 43 | 0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 17 |
| M171219 | | 2 | 50 | 3 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 14 |
| M171220 | | 4 | 60 | 5 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 13 |
| M171221 | | 4 | 70 | 7 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 15 |
| M171222 | | 3 | 80 | 5 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 18 |
| M171223 | | 7 | 520 | 4 | 0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 3 | <10 | 34 |
| M171224 | | 8 | 240 | 29 | 0.09 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 32 |
| M171225 | | 9 | 280 | 3 | 0.04 | <2 | 1 | 6 | <0.01 | <10 | <10 | 3 | <10 | 27 |
| M171226 | | 6 | 130 | 9 | 0.07 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 14 |
| M171227 | | 19 | 630 | 34 | 1.02 | <2 | 7 | 61 | 0.08 | <10 | <10 | 74 | <10 | 101 |
| M171228 | | 7 | 500 | 8 | <0.01 | <2 | 1 | 5 | 0.01 | <10 | <10 | 4 | <10 | 28 |
| M171229 | | 11 | 660 | 99 | <0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 46 |
| M171230 | | 5 | 210 | 4 | <0.01 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 22 |
| M171231 | | 13 | 420 | 14 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 35 |
| M171232 | | 14 | 560 | 73 | 0.02 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 19 |
| M171233 | | 10 | 510 | 28 | 0.14 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 28 |
| M171234 | | 10 | 550 | 75 | 0.14 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 46 |
| M171235 | | 9 | 520 | 3 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 47 |
| M171236 | | 9 | 330 | 2 | <0.01 | <2 | 1 | 8 | 0.01 | <10 | <10 | 4 | <10 | 45 |
| M171237 | | 6 | 230 | 30 | 0.02 | 104 | 7 | 72 | <0.01 | <10 | <10 | 11 | <10 | 15 |
| M171238 | | 10 | 400 | 18 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 26 |
| M171239 | | 5 | 410 | 13 | 0.02 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 8 |
| M171240 | | 7 | 110 | 16 | 0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 7 |
| M171241 | | 10 | 320 | 11 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 28 |
| M171242 | | 7 | 140 | 2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 28 |
| M171243 | | 5 | 300 | 19 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 23 |
| M171244 | | 8 | 210 | 8 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 3 | <10 | 19 |
| M171245 | | 8 | 160 | 8 | 0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 4 | <10 | 23 |
| M171246 | | 4 | 480 | 6 | 0.17 | <2 | 1 | 4 | <0.01 | <10 | <10 | 4 | <10 | 10 |
| M171247 | | 7 | 260 | 119 | 0.45 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 9 |
| M171248 | | 6 | 380 | 9 | 0.25 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 14 |
| M171249 | | 5 | 250 | 33 | 0.02 | 112 | 7 | 76 | <0.01 | <10 | <10 | 12 | <10 | 16 |
| M171250 | | 6 | 480 | 7 | 0.14 | <2 | 1 | 5 | <0.01 | <10 | <10 | 4 | <10 | 15 |
| M171251 | | 6 | 530 | 14 | 0.03 | <2 | 1 | 7 | <0.01 | <10 | <10 | 3 | <10 | 18 |
| M171252 | | 8 | 430 | 10 | 0.08 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 22 |
| M171253 | | 6 | 500 | 3 | 0.02 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 15 |

Comments: NSS is non-sufficient sample.



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Page #: 3 - C
Total # of pages : 3 (A - C)
Date : 8-Oct-2003
Account: NJY

Project : Z-03-15/16

CERTIFICATE OF ANALYSIS VA03038530

| Method Analyte Units LOR | ME-ICP41 NI ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 | ME-ICP41 Ti % 0.01 | ME-ICP41 TI ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 |
|-----------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|
| Sample Description | | | | | | | | | | | | | |
| M171254 | 7 | 230 | 27 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 17 |
| M171255 | 3 | 60 | 75 | <0.01 | <2 | <1 | 1 | <0.01 | <10 | <10 | 1 | <10 | 12 |
| M171256 | 5 | 90 | 48 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 22 |
| M171257 | 7 | 140 | 24 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 3 | <10 | 16 |
| M171258 | 3 | 110 | 8 | 0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 7 |
| M171259 | 2 | 80 | 21 | 0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 3 |
| M171260 | 2 | 90 | 8 | 0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 3 |
| M171261 | 2 | 230 | 17 | 0.04 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 3 |
| M171262 | 1 | 180 | 10 | 0.03 | <2 | <1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 3 |
| M171263 | 2 | 170 | 5 | 0.04 | <2 | 1 | 2 | <0.01 | <10 | <10 | 3 | <10 | 2 |
| M171264 | 4 | 360 | 5 | 0.28 | <2 | 1 | 4 | <0.01 | <10 | <10 | 3 | <10 | 6 |
| M171265 | 8 | 460 | 12 | 0.19 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 21 |
| M171266 | 7 | 390 | 4 | 0.02 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 18 |
| M171267 | 4 | 170 | 5 | 0.28 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 5 |
| M171268 | 3 | 120 | 10 | 0.35 | <2 | 1 | 2 | <0.01 | <10 | <10 | 3 | <10 | 3 |
| M171269 | 7 | 670 | 13 | 0.08 | <2 | 1 | 4 | <0.01 | <10 | <10 | 4 | <10 | 11 |
| M171270 | 5 | 300 | 13 | 0.02 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 9 |
| M171271 | 4 | 370 | 9 | 0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 3 | <10 | 10 |
| M171272 | 3 | 110 | 6 | 0.23 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| M171273 | 7 | 210 | 6 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 29 |
| M171274 | 6 | 110 | 30 | 0.07 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 23 |
| M171275 | 8 | 240 | 32 | 0.02 | 104 | 7 | 72 | <0.01 | <10 | <10 | 11 | <10 | 15 |
| M171276 | 3 | 70 | 18 | 0.18 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 16 |
| M171277 | 5 | 130 | 13 | 0.08 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 21 |
| M171278 | 5 | 110 | 4 | 0.03 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 18 |
| M171279 | 6 | 170 | 2 | 0.01 | <2 | 1 | 9 | <0.01 | <10 | <10 | 3 | <10 | 23 |
| M171280 | 6 | 160 | 2 | 0.01 | <2 | 1 | 9 | <0.01 | <10 | <10 | 3 | <10 | 17 |

Comments: NSS is non-sufficient sample.



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Page #: 1
Date : 13-Oct-2003
Account: NJY

CERTIFICATE VA03038860

Project : Z-03-15/16

P.O. No:

This report is for 104 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 1-Oct-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rod w/o BarCode |
| CRU-21 | Crush entire sample 70% < 6 mm |
| PUL-21 | Pulverize entire sample |
| LOG-24 | Pulp Login - Rod w/o Barcode |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-SCRa | Au Screen FA - Over Wt. A | WST-SIM |
| Ag-AA46 | Ore grade Ag - aqua regia/AA | AAS |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |
| Pb-AA46 | Ore grade Pb - aqua regia/AA | AAS |
| Zn-AA46 | Ore grade Zn - aqua regia/AA | AAS |
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Page #: 2 - A
Total # of pages : 4 (A - D)
Date : 13-Oct-2003
Account: NJY

Project : Z-03-15/16

CERTIFICATE OF ANALYSIS VA03038860

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | Au-AA25D Au Check ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|-------------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M171281 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 0.75 | 0.76 | | 2.6 | 1.95 | 5 | 10 | 40 |
| M171282 | | 2.52 | <0.05 | <0.05 | <0.05 | <0.001 | 10.17 | 2421 | 0.03 | 0.03 | | <0.2 | 0.40 | <2 | <10 | 350 |
| M171283 | | 2.06 | 0.05 | 9.68 | <0.05 | 0.048 | 4.96 | 1971.0 | 0.03 | 0.02 | | <0.2 | 0.31 | <2 | <10 | 910 |
| M171284 | | 2.34 | 0.06 | 2.61 | 0.05 | 0.016 | 6.12 | 2247 | 0.02 | 0.08 | | <0.2 | 0.32 | <2 | <10 | 280 |
| M171285 | | 2.70 | 0.06 | 5.19 | 0.05 | 0.031 | 5.97 | 2579 | 0.04 | 0.06 | | 0.2 | 0.23 | <2 | <10 | 210 |
| M171286 | | 1.08 | 0.10 | 2.45 | 0.09 | 0.022 | 8.99 | 2375 | 0.08 | 0.10 | | <0.2 | 0.29 | <2 | <10 | 100 |
| M171287 | | 2.48 | 0.10 | 1.93 | 0.10 | 0.012 | 6.22 | 1342.0 | 0.10 | 0.09 | | 0.2 | 0.31 | 2 | <10 | 350 |
| M171288 | | 1.44 | 0.55 | 29.6 | 0.47 | 0.087 | 2.94 | 1011.5 | 0.40 | 0.53 | | <0.2 | 0.29 | 2 | <10 | 240 |
| M171289 | | 0.84 | 0.10 | 5.41 | 0.08 | 0.018 | 3.33 | 785.8 | 0.05 | 0.10 | | <0.2 | 0.25 | 2 | <10 | 100 |
| M171290 | | 1.28 | 0.17 | 6.59 | 0.13 | 0.055 | 8.35 | 1198.5 | 0.10 | 0.15 | | 2.5 | 0.31 | <2 | <10 | 80 |
| M171291 | | 1.70 | 0.27 | 4.54 | 0.26 | 0.020 | 4.41 | 1455.0 | 0.25 | 0.26 | | <0.2 | 0.48 | 3 | <10 | 160 |
| M171292 | | 1.44 | 0.42 | 14.50 | 0.33 | 0.131 | 9.02 | 1361.5 | 0.36 | 0.30 | | <0.2 | 0.30 | <2 | <10 | 150 |
| M171293 | | 1.26 | 0.32 | 9.15 | 0.24 | 0.096 | 10.49 | 1188.0 | 0.25 | 0.23 | | 0.3 | 0.25 | 2 | <10 | 120 |
| M171294 | | 1.70 | 0.21 | 3.13 | 0.19 | 0.025 | 7.98 | 1579.0 | 0.47 | 0.07 | 0.04 | <0.2 | 0.40 | <2 | <10 | 100 |
| M171295 | | 2.46 | 0.05 | 1.21 | 0.05 | 0.011 | 9.10 | 2339 | 0.06 | 0.04 | | <0.2 | 0.27 | <2 | <10 | 310 |
| M171296 | | 2.74 | 0.10 | 0.28 | 0.10 | 0.005 | 17.74 | 2612 | 0.08 | 0.12 | | <0.2 | 0.30 | <2 | <10 | 230 |
| M171297 | | 2.02 | 0.10 | 13.10 | 0.08 | 0.042 | 3.21 | 1934.5 | 0.05 | 0.11 | | <0.2 | 0.29 | <2 | <10 | 190 |
| M171298 | | 2.78 | 0.27 | 17.00 | 0.20 | 0.216 | 12.69 | 2659 | 0.09 | 0.30 | | <0.2 | 0.31 | <2 | <10 | 270 |
| M171299 | | 1.80 | 0.07 | 2.50 | 0.06 | 0.032 | 12.80 | 1709.5 | 0.03 | 0.08 | | <0.2 | 0.26 | <2 | <10 | 290 |
| M171300 | | 1.36 | 0.06 | 3.41 | <0.05 | 0.024 | 7.04 | 1282.5 | 0.05 | 0.03 | | <0.2 | 0.24 | <2 | <10 | 90 |
| M171301 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 2.73 | 3.21 | | <0.2 | 0.79 | 2340 | 10 | 150 |
| M171302 | | 1.14 | <0.05 | <0.05 | <0.05 | <0.001 | 1.69 | 1052.0 | <0.01 | <0.01 | | <0.2 | 0.38 | 4 | <10 | 80 |
| M171303 | | 1.04 | <0.05 | <0.05 | <0.05 | <0.001 | 1.74 | 979.1 | <0.01 | 0.01 | | <0.2 | 0.27 | <2 | <10 | 70 |
| M171304 | | 1.24 | <0.05 | 8.96 | <0.05 | 0.018 | 2.01 | 1168.5 | <0.01 | 0.02 | | <0.2 | 0.28 | <2 | <10 | 80 |
| M171305 | | 2.32 | <0.05 | <0.05 | <0.05 | <0.001 | 3.32 | 2225 | 0.01 | 0.01 | | <0.2 | 0.28 | <2 | <10 | 120 |
| M171306 | | 2.68 | 0.09 | 3.90 | 0.08 | 0.017 | 4.36 | 2468 | 0.05 | 0.11 | | <0.2 | 0.28 | <2 | <10 | 80 |
| M171307 | | 2.56 | <0.05 | <0.05 | 0.05 | <0.001 | 5.95 | 2444 | 0.04 | 0.05 | | <0.2 | 0.26 | <2 | <10 | 260 |
| M171308 | | 2.30 | 0.46 | 8.44 | 0.43 | 0.066 | 7.82 | 2182 | 0.70 | 0.33 | 0.27 | <0.2 | 0.46 | <2 | <10 | 380 |
| M171309 | | 2.18 | 0.24 | 17.50 | 0.16 | 0.163 | 9.32 | 2087 | 0.16 | 0.16 | | <0.2 | 0.35 | <2 | <10 | 110 |
| M171310 | | 2.32 | <0.05 | 0.50 | <0.05 | 0.013 | 26.19 | 2208 | 0.01 | 0.01 | | <0.2 | 0.38 | <2 | <10 | 90 |
| M171311 | | 2.10 | <0.05 | <0.05 | <0.05 | <0.001 | 5.24 | 2018 | <0.01 | <0.01 | | 0.2 | 0.37 | <2 | <10 | 70 |
| M171312 | | 2.66 | <0.05 | <0.05 | <0.05 | <0.001 | 3.37 | 2581 | <0.01 | <0.01 | | <0.2 | 0.29 | <2 | <10 | 110 |
| M171313 | | 2.28 | <0.05 | 0.35 | <0.05 | 0.004 | 11.30 | 2186 | <0.01 | 0.02 | | <0.2 | 0.32 | <2 | <10 | 130 |
| M171314 | | 2.76 | <0.05 | <0.05 | <0.05 | <0.001 | 22.21 | 2657 | <0.01 | <0.01 | | <0.2 | 0.28 | <2 | <10 | 70 |
| M171315 | | 2.52 | <0.05 | <0.05 | <0.05 | <0.001 | 9.86 | 2439 | <0.01 | <0.01 | | <0.2 | 0.27 | <2 | <10 | 60 |
| M171316 | | 2.46 | <0.05 | <0.05 | <0.05 | <0.001 | 9.61 | 2366 | <0.01 | <0.01 | | <0.2 | 0.35 | <2 | <10 | 170 |
| M171317 | | 1.84 | <0.05 | <0.05 | <0.05 | <0.001 | 11.89 | 1751.5 | 0.02 | 0.01 | | <0.2 | 0.26 | <2 | <10 | 240 |
| M171318 | | 3.10 | 0.13 | 0.65 | 0.13 | 0.016 | 24.49 | 3001 | 0.22 | 0.04 | | <0.2 | 0.27 | <2 | <10 | 90 |
| M171319 | | 2.36 | <0.05 | <0.05 | <0.05 | <0.001 | 19.80 | 2265 | 0.01 | <0.01 | | <0.2 | 0.26 | <2 | <10 | 190 |
| M171320 | | 2.74 | <0.05 | 0.46 | <0.05 | 0.006 | 12.96 | 2657 | 0.04 | 0.03 | | <0.2 | 0.24 | <2 | <10 | 70 |

Comments: NSS is non-sufficient sample.



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Page #: 3 - A
Total # of pages : 4 (A - D)
Date : 13-Oct-2003
Account: NJY

Project : Z-03-15/16

CERTIFICATE OF ANALYSIS VA03038860

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | Au-AA25D Au Check ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|-------------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M171321 | | 2.04 | <0.05 | <0.05 | <0.05 | <0.001 | 24.73 | 1938.0 | <0.01 | <0.01 | | <0.2 | 0.15 | 2 | <10 | 90 |
| M171322 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 11.20 | 11.10 | | 21.7 | 1.70 | 18 | <10 | 90 |
| M171323 | | 2.32 | <0.05 | <0.05 | <0.05 | <0.001 | 10.79 | 2414 | 0.01 | <0.01 | | <0.2 | 0.29 | <2 | <10 | 180 |
| M171324 | | 2.64 | <0.05 | <0.05 | <0.05 | <0.001 | 29.77 | 2532 | <0.01 | <0.01 | | <0.2 | 0.33 | <2 | <10 | 150 |
| M171325 | | 2.34 | <0.05 | <0.05 | <0.05 | <0.001 | 6.02 | 1979.5 | <0.01 | <0.01 | | <0.2 | 0.36 | <2 | <10 | 270 |
| M171326 | | 2.78 | <0.05 | <0.05 | <0.05 | <0.001 | 18.61 | 2598 | 0.05 | 0.02 | | <0.2 | 0.32 | <2 | <10 | 210 |
| M171327 | | 2.18 | <0.05 | <0.05 | <0.05 | <0.001 | 5.21 | 2111 | <0.01 | 0.01 | | <0.2 | 0.29 | 2 | <10 | 220 |
| M171328 | | 2.64 | <0.05 | <0.05 | <0.05 | <0.001 | 7.89 | 2522 | 0.01 | <0.01 | | <0.2 | 0.17 | <2 | <10 | 50 |
| M171329 | | 2.38 | <0.05 | <0.05 | <0.05 | <0.001 | 7.58 | 2290 | <0.01 | <0.01 | | <0.2 | 0.28 | <2 | <10 | 90 |
| M171330 | | 2.48 | <0.05 | <0.05 | <0.05 | <0.001 | 8.22 | 2402 | 0.02 | 0.03 | | <0.2 | 0.27 | <2 | <10 | 90 |
| M171331 | | 2.60 | <0.05 | 0.31 | <0.05 | 0.005 | 16.12 | 2506 | 0.01 | <0.01 | | <0.2 | 0.30 | <2 | <10 | 170 |
| M171332 | | 2.66 | <0.05 | <0.05 | <0.05 | <0.001 | 16.95 | 2568 | <0.01 | <0.01 | | <0.2 | 0.25 | <2 | <10 | 70 |
| M171333 | | 2.62 | <0.05 | <0.05 | <0.05 | <0.001 | 16.85 | 2509 | <0.01 | <0.01 | | <0.2 | 0.22 | <2 | <10 | 120 |
| M171334 | | 1.86 | 0.06 | <0.05 | 0.07 | <0.001 | 6.35 | 1784.0 | 0.02 | 0.11 | | <0.2 | 0.28 | <2 | <10 | 70 |
| M171335 | | 2.50 | <0.05 | <0.05 | <0.05 | <0.001 | 15.40 | 2399 | <0.01 | <0.01 | | <0.2 | 0.31 | <2 | <10 | 180 |
| M171336 | | 2.58 | <0.05 | <0.05 | <0.05 | <0.001 | 11.97 | 2463 | <0.01 | 0.01 | | <0.2 | 0.29 | <2 | <10 | 130 |
| M171337 | | 2.76 | <0.05 | <0.05 | <0.05 | <0.001 | 22.73 | 2648 | 0.02 | 0.02 | | <0.2 | 0.27 | <2 | <10 | 170 |
| M171338 | | 2.86 | <0.05 | <0.05 | <0.05 | <0.001 | 22.73 | 2725 | <0.01 | <0.01 | | <0.2 | 0.29 | <2 | <10 | 80 |
| M171339 | | 2.30 | 0.12 | 0.74 | 0.12 | 0.008 | 10.77 | 2193 | 0.14 | 0.09 | | <0.2 | 0.28 | <2 | <10 | 80 |
| M171340 | | 2.36 | <0.05 | <0.05 | <0.05 | <0.001 | 14.24 | 2265 | <0.01 | <0.01 | | <0.2 | 0.28 | <2 | <10 | 240 |
| M171341 | | 2.36 | <0.05 | <0.05 | <0.05 | <0.001 | 12.50 | 2258 | 0.02 | <0.01 | | <0.2 | 0.26 | <2 | <10 | 100 |
| M171342 | | 2.08 | 0.39 | 30.7 | 0.34 | 0.117 | 3.81 | 1982.0 | 0.32 | 0.35 | | <0.2 | 0.41 | <2 | <10 | 110 |
| M171343 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 3.02 | 2.74 | | <0.2 | 0.72 | 2290 | 10 | 140 |
| M171344 | | 2.32 | 0.14 | 10.25 | 0.10 | 0.091 | 8.86 | 2211 | 0.12 | 0.07 | | <0.2 | 0.32 | 3 | <10 | 240 |
| M171345 | | 1.44 | 0.34 | 5.14 | 0.32 | 0.041 | 7.97 | 1359.5 | 0.33 | 0.30 | | <0.2 | 0.31 | <2 | <10 | 70 |
| M171346 | | 1.48 | <0.05 | <0.05 | <0.05 | <0.001 | 13.94 | 1389.5 | <0.01 | <0.01 | | <0.2 | 0.39 | <2 | <10 | 170 |
| M171347 | | 0.92 | <0.05 | <0.05 | <0.05 | <0.001 | 2.71 | 859.2 | 0.01 | <0.01 | | <0.2 | 0.36 | <2 | <10 | 60 |
| M171348 | | 1.14 | <0.05 | 1.60 | <0.05 | 0.011 | 6.88 | 1072.5 | 0.04 | 0.03 | | <0.2 | 0.20 | <2 | <10 | 180 |
| M171349 | | 1.18 | <0.05 | <0.05 | <0.05 | <0.001 | 5.05 | 1109.5 | 0.07 | 0.01 | | <0.2 | 0.28 | <2 | <10 | 200 |
| M171350 | | 1.84 | <0.05 | <0.05 | <0.05 | <0.001 | 66.99 | 1687.5 | <0.01 | <0.01 | | <0.2 | 0.37 | <2 | <10 | 470 |
| M171351 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 3.05 | 2.92 | | <0.2 | 0.76 | 2300 | 10 | 150 |
| M171352 | | 2.48 | <0.05 | <0.05 | <0.05 | <0.001 | 8.40 | 2383 | <0.01 | <0.01 | | <0.2 | 0.30 | 2 | <10 | 200 |
| M171353 | | 0.80 | <0.05 | 1.15 | <0.05 | 0.003 | 2.62 | 743.3 | <0.01 | <0.01 | | <0.2 | 0.34 | <2 | <10 | 130 |
| M171354 | | 0.62 | <0.05 | <0.05 | <0.05 | <0.001 | 2.39 | 561.1 | 0.01 | 0.01 | | <0.2 | 0.44 | <2 | <10 | 120 |
| M171355 | | 1.28 | 0.08 | 2.18 | 0.07 | 0.018 | 8.24 | 1206.5 | 0.06 | 0.07 | | <0.2 | 0.18 | <2 | <10 | 210 |
| M171356 | | 1.66 | 0.12 | 0.41 | 0.12 | 0.006 | 14.62 | 1404.0 | 0.14 | 0.10 | | <0.2 | 0.29 | <2 | <10 | 120 |
| M171357 | | 1.50 | 0.17 | 1.19 | 0.15 | 0.035 | 29.30 | 1562.0 | 0.02 | 0.32 | 0.10 | <0.2 | 0.17 | <2 | <10 | 220 |
| M171358 | | 1.18 | 0.21 | 3.06 | 0.19 | 0.020 | 6.53 | 983.9 | 0.13 | 0.25 | | <0.2 | 0.20 | <2 | <10 | 340 |
| M171359 | | 1.28 | 0.09 | <0.05 | 0.10 | <0.001 | 5.10 | 1209.0 | 0.09 | 0.10 | | <0.2 | 0.30 | <2 | <10 | 340 |
| M171360 | | 1.04 | <0.05 | <0.05 | <0.05 | <0.001 | 3.19 | 985.8 | <0.01 | 0.01 | | <0.2 | 0.24 | <2 | <10 | 170 |

Comments: NSS is non-sufficient sample.



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Date: 13-Oct-2003
Account: NJY

Project: Z-03-15/16

CERTIFICATE OF ANALYSIS VA03038860

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | Au-AA25D Au Check ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|-------------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M171361 | | 1.56 | <0.05 | <0.05 | <0.05 | <0.001 | 17.86 | 1465.5 | 0.01 | <0.01 | | <0.2 | 0.15 | <2 | <10 | 140 |
| M171362 | | 1.24 | <0.05 | 0.58 | <0.05 | 0.006 | 10.36 | 1167.0 | <0.01 | <0.01 | | <0.2 | 0.30 | <2 | <10 | 410 |
| M171363 | | 2.46 | <0.05 | <0.05 | <0.05 | <0.001 | 26.53 | 2352 | <0.01 | <0.01 | | <0.2 | 0.31 | <2 | <10 | 410 |
| M171364 | | 2.64 | <0.05 | <0.05 | <0.05 | <0.001 | 28.44 | 2472 | 0.01 | 0.01 | | <0.2 | 0.33 | <2 | <10 | 350 |
| M171365 | | 2.26 | <0.05 | <0.05 | <0.05 | <0.001 | 9.24 | 2179 | <0.01 | <0.01 | | <0.2 | 0.20 | <2 | <10 | 110 |
| M171366 | | 2.60 | <0.05 | <0.05 | <0.05 | <0.001 | 23.86 | 2492 | 0.01 | 0.01 | | <0.2 | 0.30 | <2 | <10 | 310 |
| M171367 | | 2.42 | <0.05 | <0.05 | <0.05 | <0.001 | 15.91 | 2333 | 0.04 | 0.03 | | <0.2 | 0.24 | <2 | <10 | 130 |
| M171368 | | 2.62 | <0.05 | <0.05 | <0.05 | <0.001 | 35.23 | 2509 | 0.03 | 0.04 | | <0.2 | 0.20 | <2 | <10 | 200 |
| M171369 | | 2.78 | 0.19 | 0.82 | 0.18 | 0.026 | 31.76 | 2647 | 0.11 | 0.25 | | <0.2 | 0.27 | <2 | <10 | 290 |
| M171370 | | 2.86 | <0.05 | 0.18 | <0.05 | 0.004 | 22.58 | 2748 | 0.01 | 0.01 | | <0.2 | 0.21 | <2 | <10 | 100 |
| M171371 | | 3.02 | <0.05 | <0.05 | <0.05 | <0.001 | 36.07 | 2875 | 0.01 | 0.03 | | <0.2 | 0.25 | <2 | <10 | 260 |
| M171372 | | 2.00 | <0.05 | <0.05 | <0.05 | <0.001 | 37.03 | 1838.5 | 0.02 | <0.01 | | <0.2 | 0.19 | <2 | <10 | 120 |
| M171373 | | 1.92 | <0.05 | <0.05 | <0.05 | <0.001 | 2.41 | 1812.5 | <0.01 | <0.01 | | <0.2 | 0.13 | <2 | <10 | 160 |
| M171374 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 9.82 | 9.50 | | 19.0 | 1.88 | 15 | <10 | 90 |
| M171375 | | 3.04 | <0.05 | <0.05 | <0.05 | <0.001 | 8.32 | 2921 | <0.01 | <0.01 | | <0.2 | 0.19 | <2 | <10 | 30 |
| M171376 | | 1.42 | <0.05 | <0.05 | <0.05 | <0.001 | 42.94 | 1314.5 | <0.01 | <0.01 | | 0.2 | 0.11 | <2 | <10 | 30 |
| M171377 | | 1.44 | <0.05 | <0.05 | <0.05 | <0.001 | 10.27 | 1359.0 | <0.01 | <0.01 | | <0.2 | 0.10 | <2 | <10 | 10 |
| M171378 | | 1.04 | <0.05 | <0.05 | <0.05 | <0.001 | 18.12 | 968.8 | 0.01 | 0.03 | | <0.2 | 0.06 | 2 | <10 | 10 |
| M171379 | | 1.62 | <0.05 | <0.05 | <0.05 | <0.001 | 27.01 | 1511.5 | 0.01 | 0.02 | | <0.2 | 0.08 | <2 | <10 | 40 |
| M171380 | | 1.18 | <0.05 | <0.05 | <0.05 | <0.001 | 18.81 | 1110.0 | <0.01 | <0.01 | | <0.2 | 0.11 | <2 | <10 | 20 |
| M171381 | | 1.48 | <0.05 | <0.05 | <0.05 | <0.001 | 15.82 | 1408.5 | 0.01 | <0.01 | | <0.2 | 0.23 | <2 | <10 | 90 |
| M171382 | | 2.22 | <0.05 | <0.05 | <0.05 | <0.001 | 13.41 | 2120 | <0.01 | 0.02 | | <0.2 | 0.19 | <2 | <10 | 30 |
| M171383 | | 2.18 | <0.05 | <0.05 | <0.05 | <0.001 | 9.81 | 2101 | 0.02 | <0.01 | | <0.2 | 0.17 | <2 | <10 | 70 |
| M171384 | | 1.08 | 0.83 | 0.20 | 0.84 | 0.003 | 14.94 | 1006.5 | 0.83 | 0.85 | | >100 | 0.02 | <2 | <10 | <10 |

NOT A DRILL CORE SAMPLE - Prospector's sample (sent in error).

Comments: NSS is non-sufficient sample.



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Page #: 2 - B
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Date : 13-Oct-2003
Account: NJY

Project : Z-03-15/16

CERTIFICATE OF ANALYSIS VA03038860

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ba ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 |
|--------------------|-----------------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|
| M171281 | | <0.5 | <2 | 1.08 | <0.5 | 18 | 12 | 6970 | 4.72 | 20 | <1 | 0.23 | 10 | 1.78 | 789 | 3 |
| M171282 | | <0.5 | <2 | 0.28 | <0.5 | 5 | 85 | 7 | 0.76 | <10 | <1 | 0.26 | 30 | 0.20 | 458 | <1 |
| M171283 | | <0.5 | <2 | 0.07 | <0.5 | 3 | 176 | 5 | 1.01 | <10 | <1 | 0.19 | 30 | 0.08 | 341 | <1 |
| M171284 | | <0.5 | <2 | 0.08 | 0.9 | 4 | 112 | 16 | 0.90 | <10 | <1 | 0.21 | 30 | 0.08 | 484 | 1 |
| M171285 | | <0.5 | <2 | 0.16 | <0.5 | 3 | 204 | 15 | 0.91 | <10 | <1 | 0.16 | 20 | 0.08 | 439 | <1 |
| M171286 | | <0.5 | <2 | 0.11 | <0.5 | 3 | 136 | 6 | 0.90 | <10 | <1 | 0.21 | 20 | 0.08 | 366 | <1 |
| M171287 | | <0.5 | <2 | 0.01 | <0.5 | 2 | 111 | 6 | 0.71 | <10 | <1 | 0.22 | 30 | 0.02 | 180 | 1 |
| M171288 | | <0.5 | <2 | 0.01 | <0.5 | 6 | 146 | 3 | 0.90 | <10 | <1 | 0.21 | 40 | 0.02 | 613 | 1 |
| M171289 | | <0.5 | <2 | 0.01 | <0.5 | 2 | 239 | 3 | 0.78 | <10 | <1 | 0.17 | 20 | 0.02 | 346 | 1 |
| M171290 | | <0.5 | <2 | 0.01 | <0.5 | 5 | 107 | 5 | 0.88 | <10 | <1 | 0.22 | 30 | 0.02 | 376 | <1 |
| M171291 | | <0.5 | <2 | 0.01 | <0.5 | 5 | 110 | 9 | 0.94 | <10 | <1 | 0.31 | 20 | 0.04 | 451 | <1 |
| M171292 | | <0.5 | <2 | 0.01 | <0.5 | 4 | 142 | 5 | 0.80 | <10 | <1 | 0.21 | 30 | 0.02 | 322 | <1 |
| M171293 | | <0.5 | <2 | 0.01 | <0.5 | 3 | 163 | 2 | 0.75 | <10 | <1 | 0.17 | 20 | 0.02 | 233 | <1 |
| M171294 | | 0.5 | <2 | 0.01 | <0.5 | 5 | 55 | 11 | 1.00 | <10 | <1 | 0.24 | 40 | 0.04 | 433 | <1 |
| M171295 | | <0.5 | <2 | 0.18 | <0.5 | 4 | 124 | 8 | 0.89 | <10 | <1 | 0.19 | 20 | 0.13 | 411 | <1 |
| M171296 | | <0.5 | <2 | 0.06 | <0.5 | 5 | 76 | 10 | 0.94 | <10 | <1 | 0.21 | 30 | 0.08 | 642 | <1 |
| M171297 | | <0.5 | <2 | 0.23 | <0.5 | 6 | 125 | 18 | 0.97 | <10 | <1 | 0.21 | 20 | 0.19 | 743 | <1 |
| M171298 | | <0.5 | <2 | 0.05 | <0.5 | 5 | 98 | 5 | 0.92 | <10 | <1 | 0.21 | 30 | 0.11 | 443 | <1 |
| M171299 | | <0.5 | <2 | 0.03 | <0.5 | 7 | 135 | 1 | 1.06 | <10 | <1 | 0.17 | 30 | 0.06 | 371 | <1 |
| M171300 | | <0.5 | <2 | 0.02 | <0.5 | 4 | 151 | 2 | 0.89 | <10 | <1 | 0.15 | 30 | 0.03 | 248 | <1 |
| M171301 | | 1.1 | <2 | 0.02 | <0.5 | <1 | 37 | 34 | 2.84 | <10 | <1 | 0.31 | 30 | 0.03 | 44 | 2 |
| M171302 | | <0.5 | <2 | 0.03 | <0.5 | 7 | 110 | 1 | 0.88 | <10 | <1 | 0.20 | 40 | 0.06 | 228 | <1 |
| M171303 | | <0.5 | <2 | 0.03 | <0.5 | 5 | 204 | 1 | 0.99 | <10 | <1 | 0.14 | 30 | 0.03 | 249 | <1 |
| M171304 | | <0.5 | <2 | 0.02 | <0.5 | 5 | 134 | 2 | 1.07 | <10 | <1 | 0.15 | 40 | 0.03 | 370 | <1 |
| M171305 | | <0.5 | <2 | 0.03 | <0.5 | 4 | 129 | 1 | 0.93 | <10 | <1 | 0.17 | 30 | 0.04 | 187 | <1 |
| M171306 | | <0.5 | <2 | 0.04 | <0.5 | 3 | 116 | 4 | 0.87 | <10 | <1 | 0.18 | 30 | 0.06 | 183 | <1 |
| M171307 | | <0.5 | <2 | 0.09 | <0.5 | 4 | 136 | 4 | 0.97 | <10 | <1 | 0.18 | 30 | 0.10 | 291 | <1 |
| M171308 | | <0.5 | <2 | 0.17 | <0.5 | 6 | 89 | 11 | 0.93 | <10 | <1 | 0.29 | 30 | 0.11 | 454 | <1 |
| M171309 | | <0.5 | <2 | 0.08 | <0.5 | 4 | 160 | 12 | 0.76 | <10 | <1 | 0.20 | 30 | 0.06 | 198 | <1 |
| M171310 | | <0.5 | <2 | 0.48 | <0.5 | 4 | 79 | 4 | 0.64 | <10 | <1 | 0.25 | 30 | 0.25 | 378 | <1 |
| M171311 | | <0.5 | <2 | 0.32 | <0.5 | 7 | 201 | 47 | 0.50 | <10 | <1 | 0.25 | 30 | 0.18 | 186 | <1 |
| M171312 | | <0.5 | <2 | 0.01 | <0.5 | 7 | 169 | 14 | 0.46 | <10 | <1 | 0.18 | 20 | 0.03 | 228 | <1 |
| M171313 | | <0.5 | <2 | 0.66 | <0.5 | 7 | 146 | 10 | 0.89 | <10 | <1 | 0.22 | 20 | 0.27 | 495 | 1 |
| M171314 | | <0.5 | <2 | 0.97 | <0.5 | 3 | 80 | 1 | 0.60 | <10 | <1 | 0.20 | 30 | 0.54 | 189 | <1 |
| M171315 | | <0.5 | <2 | 0.82 | <0.5 | 2 | 115 | 2 | 0.52 | <10 | <1 | 0.17 | 30 | 0.44 | 219 | <1 |
| M171316 | | <0.5 | <2 | 0.86 | <0.5 | 2 | 86 | 2 | 0.64 | <10 | <1 | 0.24 | 40 | 0.41 | 548 | <1 |
| M171317 | | <0.5 | <2 | 1.21 | <0.5 | 4 | 62 | 2 | 1.10 | 10 | <1 | 0.19 | 30 | 0.84 | 1190 | <1 |
| M171318 | | <0.5 | <2 | 0.37 | <0.5 | 3 | 104 | 2 | 0.74 | <10 | <1 | 0.18 | 20 | 0.32 | 354 | <1 |
| M171319 | | <0.5 | <2 | 0.27 | <0.5 | 2 | 127 | 3 | 0.86 | <10 | <1 | 0.16 | 20 | 0.27 | 316 | <1 |
| M171320 | | <0.5 | <2 | 0.20 | <0.5 | 3 | 108 | 6 | 0.97 | <10 | <1 | 0.16 | 20 | 0.35 | 299 | <1 |

Comments: NSS is non-sufficient sample.



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 Total # of pages : 4 (A - D)
 Date : 13-Oct-2003
 Account: NJY

Project : Z-03-15/16

CERTIFICATE OF ANALYSIS VA03038860

| Sample Description | Method Analyte Units LOR | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 |
|--------------------|-----------------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|
| M171321 | | <0.5 | <2 | 0.35 | <0.5 | 1 | 98 | 2 | 0.79 | <10 | <1 | 0.09 | 20 | 0.25 | 112 | <1 |
| M171322 | | <0.5 | <2 | 0.97 | 3.8 | 21 | 26 | 174 | 3.61 | 10 | <1 | 0.26 | 10 | 0.88 | 758 | 29 |
| M171323 | | <0.5 | <2 | 0.16 | <0.5 | 3 | 83 | 3 | 0.98 | <10 | <1 | 0.19 | 30 | 0.42 | 130 | <1 |
| M171324 | | <0.5 | <2 | 0.31 | <0.5 | 4 | 67 | 1 | 0.98 | <10 | <1 | 0.22 | 20 | 0.50 | 172 | 1 |
| M171325 | | <0.5 | <2 | 0.10 | <0.5 | 4 | 67 | 1 | 0.85 | <10 | <1 | 0.23 | 20 | 0.47 | 124 | <1 |
| M171326 | | <0.5 | <2 | 0.13 | <0.5 | 4 | 81 | 1 | 0.83 | <10 | <1 | 0.21 | 30 | 0.43 | 168 | <1 |
| M171327 | | <0.5 | <2 | 0.11 | <0.5 | 3 | 137 | 2 | 0.96 | <10 | <1 | 0.17 | 20 | 0.28 | 98 | <1 |
| M171328 | | <0.5 | <2 | 0.06 | <0.5 | 2 | 165 | 2 | 0.95 | <10 | <1 | 0.07 | 30 | 0.06 | 96 | 1 |
| M171329 | | <0.5 | <2 | 0.11 | <0.5 | 4 | 160 | 1 | 1.10 | <10 | <1 | 0.15 | 30 | 0.12 | 132 | <1 |
| M171330 | | <0.5 | <2 | 0.13 | <0.5 | 4 | 150 | 1 | 1.13 | <10 | <1 | 0.16 | 30 | 0.19 | 172 | <1 |
| M171331 | | <0.5 | <2 | 0.17 | <0.5 | 3 | 103 | 1 | 1.06 | <10 | <1 | 0.20 | 30 | 0.22 | 250 | <1 |
| M171332 | | <0.5 | <2 | 0.15 | <0.5 | 3 | 120 | 1 | 0.81 | <10 | <1 | 0.15 | 30 | 0.22 | 92 | <1 |
| M171333 | | <0.5 | <2 | 0.19 | <0.5 | 3 | 128 | 1 | 0.94 | <10 | <1 | 0.14 | 30 | 0.25 | 109 | <1 |
| M171334 | | <0.5 | <2 | 0.05 | <0.5 | 3 | 140 | 1 | 0.99 | <10 | <1 | 0.15 | 30 | 0.12 | 99 | 1 |
| M171335 | | <0.5 | <2 | 0.10 | <0.5 | 4 | 90 | 2 | 0.95 | <10 | <1 | 0.20 | 30 | 0.42 | 136 | <1 |
| M171336 | | <0.5 | <2 | 0.10 | <0.5 | 3 | 103 | 2 | 0.99 | <10 | <1 | 0.19 | 40 | 0.26 | 106 | <1 |
| M171337 | | <0.5 | <2 | 0.16 | <0.5 | 4 | 107 | 3 | 0.95 | <10 | <1 | 0.17 | 40 | 0.26 | 128 | <1 |
| M171338 | | <0.5 | <2 | 0.25 | <0.5 | 3 | 89 | 2 | 0.98 | <10 | <1 | 0.19 | 40 | 0.21 | 127 | <1 |
| M171339 | | <0.5 | <2 | 0.12 | <0.5 | 4 | 103 | 3 | 1.17 | <10 | <1 | 0.19 | 30 | 0.22 | 170 | 1 |
| M171340 | | <0.5 | <2 | 0.09 | <0.5 | 4 | 110 | 3 | 0.99 | <10 | <1 | 0.18 | 30 | 0.21 | 97 | <1 |
| M171341 | | <0.5 | <2 | 0.05 | <0.5 | 3 | 130 | 2 | 1.02 | <10 | <1 | 0.14 | 30 | 0.12 | 102 | <1 |
| M171342 | | <0.5 | <2 | 0.04 | <0.5 | 3 | 107 | 4 | 1.06 | <10 | <1 | 0.16 | 30 | 0.18 | 152 | <1 |
| M171343 | | 1.0 | <2 | 0.02 | <0.5 | 1 | 34 | 33 | 2.79 | <10 | <1 | 0.29 | 30 | 0.03 | 42 | 2 |
| M171344 | | <0.5 | <2 | 0.04 | <0.5 | 3 | 120 | 12 | 0.87 | <10 | <1 | 0.17 | 30 | 0.10 | 121 | <1 |
| M171345 | | <0.5 | <2 | 0.02 | <0.5 | 3 | 113 | 8 | 0.96 | <10 | <1 | 0.13 | 30 | 0.08 | 114 | <1 |
| M171346 | | <0.5 | <2 | 0.12 | <0.5 | 5 | 91 | 2 | 0.97 | <10 | <1 | 0.17 | 30 | 0.14 | 114 | <1 |
| M171347 | | <0.5 | <2 | 0.03 | <0.5 | 3 | 155 | 3 | 0.81 | <10 | <1 | 0.16 | 40 | 0.09 | 82 | <1 |
| M171348 | | <0.5 | <2 | 0.05 | <0.5 | 2 | 213 | 4 | 0.83 | <10 | <1 | 0.08 | 20 | 0.06 | 115 | <1 |
| M171349 | | <0.5 | <2 | 0.13 | <0.5 | 5 | 246 | 7 | 1.32 | <10 | <1 | 0.09 | 20 | 0.17 | 221 | <1 |
| M171350 | | <0.5 | <2 | 0.16 | <0.5 | 4 | 110 | 11 | 0.84 | <10 | <1 | 0.13 | 30 | 0.19 | 111 | 1 |
| M171351 | | 1.1 | <2 | 0.02 | <0.5 | 1 | 36 | 35 | 2.78 | <10 | <1 | 0.30 | 30 | 0.03 | 43 | 2 |
| M171352 | | <0.5 | <2 | 0.08 | <0.5 | 3 | 125 | 4 | 0.76 | <10 | <1 | 0.16 | 40 | 0.09 | 91 | <1 |
| M171353 | | <0.5 | <2 | 0.09 | <0.5 | 3 | 153 | 7 | 0.93 | <10 | <1 | 0.20 | 50 | 0.10 | 95 | <1 |
| M171354 | | <0.5 | <2 | 0.16 | <0.5 | 3 | 130 | 17 | 0.92 | <10 | <1 | 0.22 | 60 | 0.15 | 144 | 1 |
| M171355 | | <0.5 | <2 | 0.11 | <0.5 | 2 | 187 | 6 | 0.84 | <10 | <1 | 0.09 | 10 | 0.08 | 154 | 1 |
| M171356 | | <0.5 | <2 | 0.38 | <0.5 | 5 | 143 | 11 | 0.97 | <10 | <1 | 0.17 | 50 | 0.19 | 173 | <1 |
| M171357 | | <0.5 | <2 | 0.04 | <0.5 | 2 | 171 | 5 | 0.69 | <10 | <1 | 0.07 | 10 | 0.06 | 92 | <1 |
| M171358 | | <0.5 | <2 | 0.44 | <0.5 | 5 | 151 | 8 | 1.29 | <10 | <1 | 0.10 | 20 | 0.22 | 203 | <1 |
| M171359 | | <0.5 | <2 | 0.35 | <0.5 | 8 | 95 | 5 | 1.26 | <10 | <1 | 0.17 | 60 | 0.36 | 164 | <1 |
| M171360 | | <0.5 | <2 | 0.12 | <0.5 | 2 | 156 | 5 | 0.77 | <10 | <1 | 0.09 | 30 | 0.10 | 63 | <1 |

Comments: NSS is non-sufficient sample.



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Account: NJY

Project : Z-03-15/16

CERTIFICATE OF ANALYSIS VA03038860

| Sample Description | Method Analyte Units LOR | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 |
|--------------------|-----------------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|
| M171361 | | <0.5 | <2 | 0.54 | <0.5 | 4 | 186 | 12 | 1.04 | <10 | <1 | 0.06 | 20 | 0.27 | 167 | <1 |
| M171362 | | <0.5 | <2 | 0.13 | <0.5 | 4 | 69 | 4 | 0.82 | <10 | <1 | 0.19 | 30 | 0.20 | 102 | <1 |
| M171363 | | 0.5 | <2 | 0.15 | <0.5 | 4 | 75 | 1 | 0.78 | <10 | <1 | 0.20 | 40 | 0.22 | 150 | <1 |
| M171364 | | 0.5 | <2 | 0.24 | <0.5 | 4 | 75 | 1 | 0.83 | <10 | <1 | 0.21 | 40 | 0.28 | 154 | <1 |
| M171365 | | <0.5 | <2 | 0.04 | <0.5 | 2 | 163 | 2 | 0.77 | <10 | <1 | 0.11 | 30 | 0.10 | 65 | 1 |
| M171366 | | <0.5 | <2 | 0.05 | <0.5 | 4 | 96 | 2 | 0.97 | <10 | <1 | 0.18 | 40 | 0.21 | 108 | <1 |
| M171367 | | <0.5 | <2 | 0.07 | <0.5 | 4 | 113 | 1 | 0.94 | <10 | <1 | 0.15 | 40 | 0.30 | 140 | <1 |
| M171368 | | <0.5 | <2 | 0.17 | <0.5 | 3 | 113 | 3 | 0.76 | <10 | <1 | 0.12 | 20 | 0.17 | 153 | <1 |
| M171369 | | <0.5 | <2 | 0.12 | <0.5 | 4 | 99 | 3 | 1.08 | <10 | <1 | 0.18 | 40 | 0.27 | 157 | <1 |
| M171370 | | <0.5 | <2 | 0.08 | <0.5 | 3 | 115 | 1 | 1.01 | <10 | <1 | 0.13 | 30 | 0.19 | 100 | <1 |
| M171371 | | <0.5 | <2 | 0.10 | <0.5 | 3 | 117 | 2 | 0.95 | <10 | <1 | 0.17 | 40 | 0.22 | 112 | 1 |
| M171372 | | <0.5 | <2 | 0.16 | <0.5 | 4 | 98 | 7 | 1.23 | <10 | <1 | 0.11 | 20 | 0.18 | 134 | <1 |
| M171373 | | <0.5 | <2 | 0.07 | <0.5 | 2 | 245 | 6 | 0.95 | <10 | <1 | 0.08 | 20 | 0.12 | 73 | 1 |
| M171374 | | <0.5 | <2 | 1.30 | 2.8 | 21 | 27 | 163 | 3.69 | 10 | <1 | 0.26 | 10 | 0.98 | 817 | 24 |
| M171375 | | <0.5 | <2 | 0.69 | <0.5 | 3 | 173 | 3 | 1.03 | <10 | <1 | 0.05 | 20 | 0.33 | 85 | 1 |
| M171376 | | <0.5 | <2 | 0.79 | <0.5 | 2 | 167 | 3 | 0.85 | <10 | <1 | 0.05 | 20 | 0.49 | 132 | <1 |
| M171377 | | <0.5 | <2 | 0.18 | <0.5 | 2 | 210 | 3 | 0.80 | <10 | <1 | 0.03 | <10 | 0.16 | 55 | <1 |
| M171378 | | <0.5 | <2 | 0.33 | <0.5 | 2 | 212 | 7 | 0.99 | <10 | <1 | 0.02 | <10 | 0.18 | 70 | 1 |
| M171379 | | <0.5 | <2 | 0.27 | <0.5 | 2 | 182 | 5 | 1.19 | <10 | <1 | 0.03 | <10 | 0.24 | 87 | <1 |
| M171380 | | <0.5 | <2 | 0.18 | <0.5 | 3 | 178 | 2 | 0.97 | <10 | <1 | 0.06 | 10 | 0.27 | 82 | <1 |
| M171381 | | <0.5 | <2 | 0.08 | <0.5 | 5 | 125 | 1 | 1.17 | <10 | <1 | 0.16 | 50 | 0.49 | 67 | <1 |
| M171382 | | <0.5 | <2 | 0.09 | <0.5 | 2 | 141 | 2 | 0.85 | <10 | <1 | 0.13 | 40 | 0.22 | 49 | <1 |
| M171383 | | <0.5 | <2 | 0.11 | <0.5 | 2 | 159 | 1 | 0.91 | <10 | <1 | 0.10 | 40 | 0.18 | 62 | <1 |
| M171384 | | <0.5 | 162 | <0.01 | >500 | 1 | 199 | 297 | 1.83 | <10 | 1 | <0.01 | <10 | 0.01 | 102 | <1 |

Comments: NSS is non-sufficient sample.



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Date : 13-Oct-2003
Account: NJY

Project : Z-03-15/16

CERTIFICATE OF ANALYSIS VA03038860

| Sample Description | Method Analyte Units LOR | ME-ICP41 Na % | ME-ICP41 Ni ppm | ME-ICP41 P ppm | ME-ICP41 Pb ppm | ME-ICP41 S % | ME-ICP41 Sb ppm | ME-ICP41 Sc ppm | ME-ICP41 Sr ppm | ME-ICP41 Ti % | ME-ICP41 Ti ppm | ME-ICP41 U ppm | ME-ICP41 V ppm | ME-ICP41 W ppm | ME-ICP41 Zn ppm | Zn-AA46 Zn % |
|--------------------|-----------------------------------|---------------------|-----------------------|----------------------|-----------------------|--------------------|-----------------------|-----------------------|-----------------------|---------------------|-----------------------|----------------------|----------------------|----------------------|-----------------------|--------------------|
| | | 0.01 | 1 | 10 | 2 | 0.01 | 2 | 1 | 1 | 0.01 | 10 | 10 | 1 | 10 | 2 | 0.01 |
| M171281 | | 0.15 | 14 | 1870 | 5 | 0.10 | <2 | 12 | 77 | 0.24 | <10 | <10 | 220 | <10 | 45 | |
| M171282 | | 0.02 | 5 | 140 | 5 | 0.07 | <2 | 1 | 14 | <0.01 | <10 | <10 | 3 | <10 | 16 | |
| M171283 | | 0.03 | 4 | 210 | 5 | 0.04 | <2 | 1 | 14 | <0.01 | <10 | <10 | 3 | <10 | 13 | |
| M171284 | | 0.02 | 4 | 130 | 28 | 0.14 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 75 | |
| M171285 | | 0.02 | 4 | 200 | 18 | 0.16 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 14 | |
| M171286 | | 0.01 | 4 | 130 | 7 | 0.24 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 12 | |
| M171287 | | 0.01 | 3 | 110 | 19 | 0.11 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 8 | |
| M171288 | | <0.01 | 6 | 100 | 11 | 0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 12 | |
| M171289 | | <0.01 | 3 | 70 | 29 | 0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 5 | |
| M171290 | | <0.01 | 4 | 130 | 261 | 0.02 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 8 | |
| M171291 | | 0.01 | 5 | 80 | 19 | 0.22 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 12 | |
| M171292 | | <0.01 | 4 | 100 | 25 | 0.03 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 7 | |
| M171293 | | 0.01 | 3 | 110 | 76 | 0.13 | <2 | <1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 9 | |
| M171294 | | 0.01 | 6 | 140 | 6 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 21 | |
| M171295 | | 0.01 | 5 | 240 | 3 | 0.07 | <2 | 1 | 9 | <0.01 | <10 | <10 | 2 | <10 | 16 | |
| M171296 | | 0.01 | 4 | 160 | 3 | 0.10 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 14 | |
| M171297 | | 0.01 | 6 | 130 | 76 | 0.26 | <2 | 1 | 9 | <0.01 | <10 | <10 | 2 | <10 | 15 | |
| M171298 | | 0.02 | 5 | 130 | 22 | 0.14 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 16 | |
| M171299 | | 0.02 | 6 | 130 | 2 | 0.03 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 21 | |
| M171300 | | 0.02 | 5 | 110 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 17 | |
| M171301 | | 0.01 | 7 | 250 | 31 | 0.02 | 103 | 7 | 79 | <0.01 | <10 | <10 | 11 | <10 | 13 | |
| M171302 | | 0.01 | 6 | 160 | 2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 22 | |
| M171303 | | 0.02 | 6 | 150 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 21 | |
| M171304 | | 0.02 | 6 | 140 | 2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 25 | |
| M171305 | | 0.02 | 5 | 130 | 2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 18 | |
| M171306 | | 0.02 | 4 | 150 | 3 | 0.04 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 15 | |
| M171307 | | 0.02 | 5 | 200 | 6 | 0.04 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 13 | |
| M171308 | | 0.02 | 6 | 150 | 21 | 0.04 | <2 | 1 | 8 | <0.01 | <10 | <10 | 3 | <10 | 20 | |
| M171309 | | 0.03 | 4 | 80 | 10 | 0.07 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 9 | |
| M171310 | | 0.01 | 4 | 110 | 10 | 0.09 | <2 | 1 | 15 | <0.01 | <10 | <10 | 2 | <10 | 14 | |
| M171311 | | 0.01 | 5 | 90 | 17 | 0.01 | <2 | 1 | 9 | <0.01 | <10 | <10 | 2 | <10 | 6 | |
| M171312 | | <0.01 | 4 | 60 | 32 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 4 | |
| M171313 | | <0.01 | 6 | 320 | 21 | 0.01 | <2 | 1 | 16 | <0.01 | <10 | <10 | 2 | <10 | 18 | |
| M171314 | | <0.01 | 4 | 150 | 2 | <0.01 | <2 | 1 | 18 | <0.01 | <10 | <10 | 2 | <10 | 12 | |
| M171315 | | 0.01 | 3 | 110 | 2 | <0.01 | <2 | 1 | 16 | <0.01 | <10 | <10 | 1 | <10 | 10 | |
| M171316 | | 0.01 | 3 | 230 | 3 | 0.02 | <2 | 1 | 21 | <0.01 | <10 | <10 | 2 | <10 | 15 | |
| M171317 | | 0.01 | 5 | 210 | 10 | 0.13 | <2 | 1 | 42 | <0.01 | <10 | <10 | 1 | <10 | 27 | |
| M171318 | | 0.01 | 4 | 130 | 3 | 0.12 | <2 | 1 | 12 | <0.01 | <10 | <10 | 2 | <10 | 14 | |
| M171319 | | 0.02 | 4 | 160 | 2 | 0.05 | <2 | 1 | 11 | <0.01 | <10 | <10 | 2 | <10 | 15 | |
| M171320 | | 0.03 | 5 | 100 | 4 | 0.09 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 18 | |

Comments: NSS is non-sufficient sample.



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Total # of pages : 4 (A - D)
Date : 13-Oct-2003
Account: NJY

Project : Z-03-15/16

CERTIFICATE OF ANALYSIS VA03038860

| Sample Description | Method Analyte Units LOR | ME-ICP41 Na % | ME-ICP41 Ni ppm | ME-ICP41 P ppm | ME-ICP41 Pb ppm | ME-ICP41 S % | ME-ICP41 Sb ppm | ME-ICP41 Sc ppm | ME-ICP41 Sr ppm | ME-ICP41 Ti % | ME-ICP41 Ti ppm | ME-ICP41 U ppm | ME-ICP41 V ppm | ME-ICP41 W ppm | ME-ICP41 Zn ppm | Zn-AA48 Zn % |
|--------------------|-----------------------------------|---------------------|-----------------------|----------------------|-----------------------|--------------------|-----------------------|-----------------------|-----------------------|---------------------|-----------------------|----------------------|----------------------|----------------------|-----------------------|--------------------|
| | | 0.01 | 1 | 10 | 2 | 0.01 | 2 | 1 | 1 | 0.01 | 10 | 10 | 1 | 10 | 2 | 0.01 |
| M171321 | | 0.03 | 3 | 130 | <2 | <0.01 | <2 | 1 | 8 | 0.01 | <10 | <10 | 2 | <10 | 6 | |
| M171322 | | 0.04 | 17 | 560 | 36 | 1.19 | <2 | 7 | 46 | 0.07 | <10 | <10 | 71 | <10 | 112 | |
| M171323 | | 0.02 | 6 | 140 | <2 | 0.01 | <2 | 1 | 8 | 0.01 | <10 | <10 | 3 | <10 | 12 | |
| M171324 | | 0.02 | 4 | 230 | <2 | <0.01 | <2 | 1 | 16 | 0.01 | <10 | <10 | 3 | <10 | 13 | |
| M171325 | | 0.02 | 5 | 90 | <2 | 0.01 | <2 | 1 | 9 | <0.01 | <10 | <10 | 3 | <10 | 15 | |
| M171326 | | 0.01 | 5 | 190 | <2 | 0.01 | <2 | 1 | 10 | <0.01 | <10 | <10 | 2 | <10 | 15 | |
| M171327 | | 0.03 | 5 | 140 | 11 | 0.03 | <2 | 1 | 9 | <0.01 | <10 | <10 | 2 | <10 | 12 | |
| M171328 | | 0.04 | 4 | 110 | <2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 8 | |
| M171329 | | 0.03 | 5 | 120 | <2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 14 | |
| M171330 | | 0.03 | 6 | 180 | 2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 15 | |
| M171331 | | 0.02 | 5 | 160 | 8 | 0.02 | <2 | 1 | 9 | <0.01 | <10 | <10 | 2 | <10 | 13 | |
| M171332 | | 0.03 | 4 | 130 | 2 | <0.01 | <2 | 1 | 5 | 0.01 | <10 | <10 | 3 | <10 | 8 | |
| M171333 | | 0.02 | 5 | 110 | <2 | <0.01 | <2 | 1 | 6 | 0.01 | <10 | <10 | 3 | <10 | 10 | |
| M171334 | | 0.04 | 5 | 150 | 2 | <0.01 | <2 | 1 | 3 | 0.01 | <10 | <10 | 4 | <10 | 9 | |
| M171335 | | 0.02 | 6 | 180 | 3 | <0.01 | <2 | 1 | 11 | 0.01 | <10 | <10 | 3 | <10 | 14 | |
| M171336 | | 0.02 | 5 | 150 | <2 | <0.01 | <2 | 1 | 7 | 0.01 | <10 | <10 | 4 | <10 | 10 | |
| M171337 | | 0.02 | 6 | 160 | <2 | <0.01 | <2 | 1 | 8 | <0.01 | <10 | <10 | 3 | <10 | 13 | |
| M171338 | | 0.02 | 4 | 100 | <2 | <0.01 | <2 | 1 | 6 | 0.01 | <10 | <10 | 3 | <10 | 9 | |
| M171339 | | 0.02 | 6 | 160 | 4 | 0.14 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 12 | |
| M171340 | | 0.03 | 5 | 150 | <2 | 0.01 | <2 | 1 | 8 | 0.01 | <10 | <10 | 3 | <10 | 10 | |
| M171341 | | 0.02 | 4 | 150 | <2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 11 | |
| M171342 | | 0.02 | 5 | 120 | 3 | 0.07 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 11 | |
| M171343 | | 0.01 | 6 | 230 | 30 | 0.02 | 103 | 7 | 66 | <0.01 | <10 | <10 | 11 | <10 | 13 | |
| M171344 | | 0.01 | 4 | 140 | 3 | 0.07 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 8 | |
| M171345 | | 0.02 | 3 | 70 | 7 | 0.06 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 7 | |
| M171346 | | 0.02 | 6 | 280 | <2 | <0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 17 | |
| M171347 | | 0.02 | 4 | 100 | <2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 13 | |
| M171348 | | 0.02 | 4 | 100 | 3 | 0.03 | <2 | 1 | 4 | <0.01 | <10 | <10 | 1 | <10 | 11 | |
| M171349 | | 0.01 | 7 | 90 | 4 | 0.01 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 33 | |
| M171350 | | 0.01 | 5 | 200 | 4 | 0.01 | <2 | 1 | 12 | <0.01 | <10 | <10 | 2 | <10 | 31 | |
| M171351 | | 0.01 | 6 | 250 | 30 | 0.02 | 104 | 7 | 74 | <0.01 | <10 | <10 | 11 | <10 | 17 | |
| M171352 | | 0.03 | 4 | 130 | 3 | 0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 12 | |
| M171353 | | 0.03 | 5 | 140 | 2 | <0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 3 | <10 | 16 | |
| M171354 | | 0.03 | 5 | 120 | 4 | <0.01 | <2 | 1 | 8 | <0.01 | <10 | <10 | 4 | <10 | 28 | |
| M171355 | | 0.02 | 4 | 80 | 3 | 0.07 | <2 | 1 | 5 | <0.01 | <10 | <10 | 1 | <10 | 11 | |
| M171356 | | 0.01 | 6 | 320 | 6 | <0.01 | <2 | 1 | 12 | <0.01 | <10 | <10 | 2 | <10 | 19 | |
| M171357 | | 0.03 | 3 | 60 | 4 | 0.05 | <2 | <1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 7 | |
| M171358 | | 0.03 | 5 | 80 | 5 | 0.02 | <2 | 1 | 17 | <0.01 | <10 | <10 | 2 | <10 | 19 | |
| M171359 | | 0.02 | 9 | 140 | 3 | 0.01 | <2 | 1 | 15 | <0.01 | <10 | <10 | 3 | <10 | 30 | |
| M171360 | | 0.04 | 4 | 80 | 2 | 0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 9 | |

Comments: NSS is non-sufficient sample.



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CERTIFICATE OF ANALYSIS VA03038860

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | Zn-AA46 |
|--------------------|-----------------------------------|----------|-----------|----------|-----------|----------|-----------|-----------|-----------|----------|-----------|----------|----------|----------|-----------|---------|
| | | Na % | NI ppm | P ppm | Pb ppm | S % | Sb ppm | Sc ppm | Sr ppm | Ti % | Ti ppm | U ppm | V ppm | W ppm | Zn ppm | Zn % |
| | | 0.01 | 1 | 10 | 2 | 0.01 | 2 | 1 | 1 | 0.01 | 10 | 10 | 1 | 10 | 2 | 0.01 |
| M171361 | | 0.02 | 4 | 160 | 28 | 0.07 | <2 | 1 | 22 | <0.01 | <10 | <10 | 1 | <10 | 10 | |
| M171362 | | 0.01 | 5 | 90 | 4 | 0.14 | <2 | 1 | 10 | <0.01 | <10 | <10 | 2 | <10 | 11 | |
| M171363 | | 0.01 | 5 | 180 | <2 | 0.01 | <2 | 1 | 14 | <0.01 | <10 | <10 | 2 | <10 | 11 | |
| M171364 | | 0.02 | 4 | 340 | <2 | 0.01 | <2 | 1 | 14 | <0.01 | <10 | <10 | 4 | <10 | 13 | |
| M171365 | | 0.03 | 3 | 90 | <2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 3 | <10 | 6 | |
| M171366 | | 0.03 | 5 | 200 | <2 | 0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 3 | <10 | 11 | |
| M171367 | | 0.03 | 5 | 130 | <2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 14 | |
| M171368 | | 0.03 | 3 | 160 | <2 | <0.01 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 9 | |
| M171369 | | 0.02 | 6 | 160 | 3 | 0.01 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 11 | |
| M171370 | | 0.03 | 4 | 130 | 2 | <0.01 | <2 | 1 | 4 | 0.01 | <10 | <10 | 3 | <10 | 8 | |
| M171371 | | 0.02 | 5 | 150 | <2 | 0.01 | <2 | 1 | 7 | <0.01 | <10 | <10 | 3 | <10 | 9 | |
| M171372 | | 0.03 | 5 | 180 | 7 | 0.05 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 13 | |
| M171373 | | 0.03 | 5 | 90 | 2 | 0.05 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 5 | |
| M171374 | | 0.06 | 17 | 640 | 35 | 1.11 | <2 | 8 | 61 | 0.08 | <10 | <10 | 78 | <10 | 107 | |
| M171375 | | 0.03 | 3 | 140 | 7 | 0.01 | <2 | 1 | 15 | <0.01 | <10 | <10 | 2 | <10 | 14 | |
| M171376 | | 0.02 | 3 | 60 | 7 | 0.07 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 6 | |
| M171377 | | 0.04 | 3 | 60 | 6 | 0.12 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 4 | |
| M171378 | | 0.03 | 4 | 60 | 7 | 0.27 | <2 | 1 | 16 | <0.01 | <10 | <10 | 2 | <10 | 5 | |
| M171379 | | 0.03 | 4 | 40 | 3 | 0.20 | <2 | 1 | 9 | <0.01 | <10 | <10 | 2 | <10 | 7 | |
| M171380 | | 0.02 | 5 | 60 | <2 | 0.02 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 8 | |
| M171381 | | 0.02 | 8 | 160 | <2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 14 | |
| M171382 | | 0.02 | 5 | 180 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 5 | |
| M171383 | | 0.02 | 5 | 120 | <2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 7 | |
| M171384 | | <0.01 | 3 | 10 | >10000 | 6.18 | 20 | <1 | 3 | <0.01 | <10 | <10 | 3 | 10 | >10000 | 13.05 |

Comments: NSS is non-sufficient sample.



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CERTIFICATE OF ANALYSIS VA03038860

| Sample Description | Method Analyte Units LOR | Pb-AA46 Pb % | Ag-AA46 Ag ppm |
|--------------------|-----------------------------------|--------------------|----------------------|
| M171281 | | | |
| M171282 | | | |
| M171283 | | | |
| M171284 | | | |
| M171285 | | | |
| M171286 | | | |
| M171287 | | | |
| M171288 | | | |
| M171289 | | | |
| M171290 | | | |
| M171291 | | | |
| M171292 | | | |
| M171293 | | | |
| M171294 | | | |
| M171295 | | | |
| M171296 | | | |
| M171297 | | | |
| M171298 | | | |
| M171299 | | | |
| M171300 | | | |
| M171301 | | | |
| M171302 | | | |
| M171303 | | | |
| M171304 | | | |
| M171305 | | | |
| M171306 | | | |
| M171307 | | | |
| M171308 | | | |
| M171309 | | | |
| M171310 | | | |
| M171311 | | | |
| M171312 | | | |
| M171313 | | | |
| M171314 | | | |
| M171315 | | | |
| M171316 | | | |
| M171317 | | | |
| M171318 | | | |
| M171319 | | | |
| M171320 | | | |

Comments: NSS is non-sufficient sample.



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CERTIFICATE OF ANALYSIS VA03038860

| Sample Description | Method Analyte Units LOR | Pb-AA46 | Ag-AA46 |
|--------------------|-----------------------------------|---------|-----------|
| | | Pb % | Ag ppm |
| M171321 | | 0.01 | 1 |
| M171322 | | | |
| M171323 | | | |
| M171324 | | | |
| M171325 | | | |
| M171326 | | | |
| M171327 | | | |
| M171328 | | | |
| M171329 | | | |
| M171330 | | | |
| M171331 | | | |
| M171332 | | | |
| M171333 | | | |
| M171334 | | | |
| M171335 | | | |
| M171336 | | | |
| M171337 | | | |
| M171338 | | | |
| M171339 | | | |
| M171340 | | | |
| M171341 | | | |
| M171342 | | | |
| M171343 | | | |
| M171344 | | | |
| M171345 | | | |
| M171346 | | | |
| M171347 | | | |
| M171348 | | | |
| M171349 | | | |
| M171350 | | | |
| M171351 | | | |
| M171352 | | | |
| M171353 | | | |
| M171354 | | | |
| M171355 | | | |
| M171356 | | | |
| M171357 | | | |
| M171358 | | | |
| M171359 | | | |
| M171360 | | | |

Comments: NSS is non-sufficient sample.



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CERTIFICATE OF ANALYSIS VA03038860

| Sample Description | Method Analyte Units LOR | Pb-AA46 Pb % | Ag-AA46 Ag ppm |
|---|-----------------------------------|--------------------|----------------------|
| M171361 M171362 M171363 M171364 M171365 | | 0.01 | 1 |
| M171366 M171367 M171368 M171369 M171370 | | | |
| M171371 M171372 M171373 M171374 M171375 | | | |
| M171376 M171377 M171378 M171379 M171380 | | | |
| M171381 M171382 M171383 M171384 | | 18.10 | 272 |

Comments: NSS is non-sufficient sample.



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CERTIFICATE VA03040151

Project : Z-03-16/17

P.O. No:

This report is for 52 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 8-Oct-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-21 | Crush entire sample 70% < 6 mm |
| PUL-21 | Pulverize entire sample |
| LOG-24 | Pulp Login - Rcd w/o Barcode |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-SCRa | Au Screen FA - Over Wt. A | WST-SIM |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Account: NJY

Project : Z-03-16/17

CERTIFICATE OF ANALYSIS VA03040151

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M171485 | | 2.08 | <0.05 | <0.05 | <0.05 | <0.001 | 15.46 | 1994.5 | <0.01 | <0.01 | <0.2 | 0.18 | 2 | <10 | 120 | <0.5 |
| M171486 | | 2.60 | <0.05 | <0.05 | <0.05 | <0.001 | 22.78 | 2481 | <0.01 | <0.01 | <0.2 | 0.18 | 3 | <10 | 280 | <0.5 |
| M171487 | | 2.16 | <0.05 | <0.05 | <0.05 | <0.001 | 14.16 | 2074 | 0.03 | <0.01 | <0.2 | 0.23 | 2 | <10 | 250 | <0.5 |
| M171488 | | 2.24 | <0.05 | <0.05 | <0.05 | <0.001 | 8.78 | 2176 | <0.01 | <0.01 | <0.2 | 0.18 | <2 | <10 | 70 | <0.5 |
| M171489 | | 2.18 | <0.05 | <0.05 | <0.05 | <0.001 | 24.96 | 2095 | <0.01 | <0.01 | <0.2 | 0.17 | 2 | <10 | 30 | <0.5 |
| M171490 | | 3.24 | <0.05 | 0.33 | <0.05 | 0.012 | 36.46 | 3130 | <0.01 | 0.01 | <0.2 | 0.16 | 3 | <10 | 20 | <0.5 |
| M171491 | | 2.92 | 0.07 | 0.75 | 0.06 | 0.032 | 42.78 | 2792 | 0.06 | 0.06 | <0.2 | 0.21 | 5 | <10 | 30 | <0.5 |
| M171492 | | 2.38 | 0.18 | 0.08 | 0.19 | 0.001 | 12.51 | 2327 | 0.22 | 0.15 | <0.2 | 0.22 | 2 | <10 | 50 | <0.5 |
| M171493 | | 2.70 | 0.87 | 3.27 | 0.84 | 0.120 | 36.72 | 2594 | 0.95 | 0.72 | 0.2 | 0.17 | <2 | <10 | 30 | <0.5 |
| M171494 | | 1.64 | 0.37 | 1.25 | 0.36 | 0.034 | 27.29 | 1576.0 | 0.29 | 0.42 | <0.2 | 0.24 | 2 | <10 | 30 | <0.5 |
| M171495 | | 3.60 | <0.05 | 0.59 | <0.05 | 0.030 | 50.43 | 3404 | 0.03 | 0.04 | <0.2 | 0.20 | 4 | <10 | 120 | <0.5 |
| M171496 | | 2.72 | <0.05 | 1.72 | <0.05 | 0.034 | 19.72 | 2637 | 0.01 | <0.01 | <0.2 | 0.21 | 2 | <10 | 140 | <0.5 |
| M171497 | | 2.56 | <0.05 | <0.05 | <0.05 | <0.001 | 23.16 | 2479 | <0.01 | <0.01 | <0.2 | 0.19 | 2 | <10 | 130 | <0.5 |
| M171498 | | 2.48 | <0.05 | <0.05 | <0.05 | <0.001 | 16.44 | 2411 | 0.03 | 0.01 | <0.2 | 0.19 | <2 | <10 | 90 | <0.5 |
| M171499 | | 2.84 | 0.49 | 2.26 | 0.46 | 0.103 | 45.50 | 2738 | 0.65 | 0.27 | <0.2 | 0.19 | <2 | <10 | 140 | <0.5 |
| M171500 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 0.76 | 0.71 | 2.4 | 2.02 | 4 | 10 | 40 | 0.5 |
| M171501 | | 3.02 | <0.05 | 0.18 | <0.05 | 0.007 | 39.25 | 2907 | 0.03 | 0.02 | <0.2 | 0.20 | <2 | <10 | 110 | <0.5 |
| M171502 | | 2.40 | <0.05 | 1.87 | <0.05 | 0.051 | 27.29 | 2305 | 0.03 | 0.01 | <0.2 | 0.17 | 3 | <10 | 70 | <0.5 |
| M171503 | | 2.68 | <0.05 | <0.05 | <0.05 | <0.001 | 19.99 | 2586 | 0.01 | <0.01 | 0.2 | 0.13 | 2 | <10 | 20 | <0.5 |
| M171504 | | 2.32 | <0.05 | <0.05 | <0.05 | <0.001 | 22.93 | 2239 | <0.01 | <0.01 | <0.2 | 0.18 | 2 | <10 | 40 | <0.5 |
| M171505 | | 2.24 | <0.05 | <0.05 | <0.05 | <0.001 | 35.06 | 2136 | 0.02 | <0.01 | <0.2 | 0.21 | 3 | <10 | 60 | <0.5 |
| M171506 | | 2.28 | <0.05 | <0.05 | <0.05 | <0.001 | 23.95 | 2211 | <0.01 | <0.01 | <0.2 | 0.22 | 3 | <10 | 90 | <0.5 |
| M171507 | | 0.08 | NSS | NSS | NSS | NSS | NSS | NSS | 3.09 | 3.08 | 0.4 | 0.74 | 2340 | 10 | 170 | 1.1 |
| M171508 | | 2.14 | <0.05 | <0.05 | <0.05 | <0.001 | 31.96 | 2056 | <0.01 | <0.01 | <0.2 | 0.24 | 6 | <10 | 250 | <0.5 |
| M171509 | | 2.36 | <0.05 | <0.05 | <0.05 | <0.001 | 35.34 | 2225 | <0.01 | <0.01 | <0.2 | 0.24 | 5 | <10 | 180 | <0.5 |
| M171510 | | 2.28 | <0.05 | <0.05 | <0.05 | <0.001 | 27.02 | 2380 | 0.01 | <0.01 | <0.2 | 0.20 | 4 | <10 | 70 | <0.5 |
| M171511 | | 3.14 | <0.05 | <0.05 | <0.05 | <0.001 | 33.28 | 3009 | <0.01 | <0.01 | <0.2 | 0.22 | 3 | <10 | 80 | <0.5 |
| M171512 | | 2.68 | <0.05 | <0.05 | <0.05 | <0.001 | 23.57 | 2600 | 0.01 | <0.01 | <0.2 | 0.25 | 4 | <10 | 170 | <0.5 |
| M171513 | | 1.74 | <0.05 | <0.05 | <0.05 | <0.001 | 37.22 | 1639.0 | <0.01 | <0.01 | <0.2 | 0.24 | 5 | <10 | 150 | <0.5 |
| M171514 | | 3.10 | <0.05 | <0.05 | <0.05 | <0.001 | 34.30 | 2983 | 0.01 | 0.01 | <0.2 | 0.24 | 4 | <10 | 110 | <0.5 |
| M171515 | | 2.16 | <0.05 | <0.05 | <0.05 | <0.001 | 19.14 | 2092 | 0.01 | <0.01 | <0.2 | 0.15 | 4 | <10 | 90 | <0.5 |
| M171516 | | 2.30 | <0.05 | <0.05 | <0.05 | <0.001 | 16.22 | 2244 | <0.01 | <0.01 | <0.2 | 0.11 | 4 | <10 | 20 | <0.5 |
| M171517 | | 3.16 | <0.05 | <0.05 | <0.05 | <0.001 | 38.16 | 2983 | 0.02 | <0.01 | <0.2 | 0.20 | 2 | <10 | 160 | <0.5 |
| M171518 | | 3.08 | <0.05 | <0.05 | <0.05 | <0.001 | 33.76 | 2976 | <0.01 | 0.01 | <0.2 | 0.21 | <2 | <10 | 80 | <0.5 |
| M171519 | | 2.22 | <0.05 | <0.05 | <0.05 | <0.001 | 19.49 | 2105 | <0.01 | <0.01 | <0.2 | 0.17 | 2 | <10 | 100 | <0.5 |
| M171520 | | 2.46 | <0.05 | <0.05 | <0.05 | <0.001 | 14.17 | 2378 | 0.01 | <0.01 | <0.2 | 0.16 | 3 | <10 | 210 | <0.5 |
| M171521 | | 2.66 | <0.05 | <0.05 | <0.05 | <0.001 | 58.72 | 2529 | 0.01 | <0.01 | 0.2 | 0.26 | <2 | <10 | 70 | <0.5 |
| M171522 | | 2.26 | <0.05 | <0.05 | <0.05 | <0.001 | 24.51 | 2186 | 0.01 | <0.01 | <0.2 | 0.24 | <2 | <10 | 90 | <0.5 |
| M171523 | | 2.32 | <0.05 | <0.05 | <0.05 | <0.001 | 13.26 | 2239 | <0.01 | <0.01 | <0.2 | 0.46 | <2 | <10 | 70 | 0.5 |
| M171524 | | 2.54 | <0.05 | <0.05 | <0.05 | <0.001 | 2.32 | 2482 | 0.01 | <0.01 | <0.2 | 0.25 | <2 | <10 | 110 | <0.5 |

Comments: NSS is non-sufficient sample.



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Date : 17-Oct-2003
Account: NJY

Project : Z-03-16/17

CERTIFICATE OF ANALYSIS VA03040151

| Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| Sample Description | | | | | | | | | | | | | | | |
| M171525 | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 10.30 | 10.60 | 21.4 | 1.74 | 16 | <10 | 100 | <0.5 |
| M171526 | 2.16 | <0.05 | <0.05 | <0.05 | <0.001 | 8.15 | 2092 | 0.01 | <0.01 | <0.2 | 0.18 | <2 | <10 | 30 | <0.5 |
| M171527 | 2.56 | <0.05 | <0.05 | <0.05 | <0.001 | 13.98 | 2494 | <0.01 | <0.01 | <0.2 | 0.29 | <2 | <10 | 250 | <0.5 |
| M171528 | 2.78 | <0.05 | <0.05 | <0.05 | <0.001 | 25.06 | 2689 | <0.01 | <0.01 | <0.2 | 0.28 | <2 | <10 | 90 | <0.5 |
| M171529 | 1.92 | <0.05 | <0.05 | <0.05 | <0.001 | 5.10 | 1849.5 | <0.01 | <0.01 | <0.2 | 0.40 | <2 | <10 | 150 | 0.5 |
| M171530 | 2.52 | <0.05 | <0.05 | <0.05 | <0.001 | 18.03 | 2363 | <0.01 | 0.02 | <0.2 | 0.15 | <2 | <10 | 50 | <0.5 |
| M171531 | 2.82 | <0.05 | <0.05 | <0.05 | <0.001 | 11.50 | 2756 | <0.01 | <0.01 | 0.2 | 0.28 | <2 | <10 | 70 | <0.5 |
| M171532 | 1.90 | <0.05 | <0.05 | <0.05 | <0.001 | 10.93 | 1832.0 | <0.01 | 0.01 | <0.2 | 0.21 | <2 | <10 | 40 | <0.5 |
| M171533 | 2.44 | <0.05 | <0.05 | <0.05 | <0.001 | 23.86 | 2374 | <0.01 | <0.01 | <0.2 | 0.10 | <2 | <10 | 20 | <0.5 |
| M171534 | 2.52 | <0.05 | <0.05 | <0.05 | <0.001 | 22.19 | 2382 | 0.01 | <0.01 | <0.2 | 0.36 | 2 | <10 | 40 | <0.5 |
| M171535 | 2.52 | <0.05 | <0.05 | <0.05 | <0.001 | 6.58 | 2447 | <0.01 | <0.01 | <0.2 | 0.33 | <2 | <10 | 40 | <0.5 |
| M171536 | 2.48 | <0.05 | <0.05 | <0.05 | <0.001 | 12.96 | 2370 | 0.01 | <0.01 | <0.2 | 0.35 | 3 | <10 | 80 | <0.5 |

Comments: NSS is non-sufficient sample.



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Project : Z-03-16/17

CERTIFICATE OF ANALYSIS VA03040151

| Sample Description | Method Analyte Units LOR | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 |
|--------------------|-----------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M171485 | | <2 | 0.14 | <0.5 | 4 | 104 | 4 | 1.05 | <10 | <1 | 0.12 | 20 | 0.39 | 55 | <1 | 0.02 |
| M171486 | | <2 | 0.07 | <0.5 | 4 | 79 | 2 | 1.25 | <10 | <1 | 0.12 | 20 | 0.37 | 45 | <1 | 0.01 |
| M171487 | | <2 | 0.29 | <0.5 | 4 | 72 | 4 | 1.25 | <10 | <1 | 0.14 | 20 | 0.33 | 48 | <1 | 0.02 |
| M171488 | | <2 | 0.11 | <0.5 | 2 | 101 | 2 | 0.91 | <10 | <1 | 0.10 | 20 | 0.20 | 40 | <1 | 0.02 |
| M171489 | | 2 | 0.09 | <0.5 | 3 | 95 | 2 | 0.91 | <10 | <1 | 0.11 | 20 | 0.29 | 36 | <1 | 0.02 |
| M171490 | | <2 | 0.15 | <0.5 | 3 | 85 | 4 | 0.95 | <10 | <1 | 0.09 | 10 | 0.27 | 45 | <1 | 0.02 |
| M171491 | | <2 | 0.07 | <0.5 | 5 | 75 | 5 | 1.42 | <10 | <1 | 0.14 | 20 | 0.48 | 46 | <1 | 0.01 |
| M171492 | | <2 | 0.07 | <0.5 | 4 | 77 | 4 | 1.08 | <10 | <1 | 0.15 | 30 | 0.40 | 56 | <1 | 0.02 |
| M171493 | | <2 | 0.20 | <0.5 | 3 | 93 | 5 | 0.95 | <10 | <1 | 0.12 | 20 | 0.32 | 138 | <1 | 0.01 |
| M171494 | | <2 | 0.18 | <0.5 | 3 | 81 | 11 | 0.89 | <10 | <1 | 0.17 | 20 | 0.27 | 160 | <1 | 0.01 |
| M171495 | | <2 | 0.08 | <0.5 | 4 | 71 | 5 | 1.18 | <10 | <1 | 0.13 | 30 | 0.32 | 73 | <1 | 0.01 |
| M171496 | | <2 | 0.05 | <0.5 | 4 | 62 | 2 | 1.13 | <10 | <1 | 0.13 | 20 | 0.20 | 34 | <1 | 0.02 |
| M171497 | | <2 | 0.32 | <0.5 | 2 | 93 | 13 | 0.72 | <10 | <1 | 0.12 | 20 | 0.17 | 63 | <1 | 0.02 |
| M171498 | | <2 | 0.14 | <0.5 | 2 | 80 | 3 | 0.73 | <10 | <1 | 0.12 | 20 | 0.13 | 86 | <1 | 0.02 |
| M171499 | | <2 | 0.17 | <0.5 | 4 | 68 | 7 | 0.89 | <10 | <1 | 0.14 | 20 | 0.31 | 108 | <1 | 0.01 |
| M171500 | | <2 | 1.09 | <0.5 | 17 | 11 | 6930 | 4.83 | 10 | <1 | 0.23 | 10 | 1.84 | 800 | 4 | 0.15 |
| M171501 | | <2 | 0.10 | <0.5 | 3 | 77 | 6 | 1.01 | <10 | <1 | 0.12 | 20 | 0.15 | 74 | <1 | 0.02 |
| M171502 | | <2 | 0.19 | <0.5 | 4 | 90 | 3 | 1.19 | <10 | <1 | 0.11 | 10 | 0.37 | 42 | <1 | 0.02 |
| M171503 | | <2 | 0.19 | <0.5 | 4 | 100 | 4 | 1.14 | <10 | <1 | 0.08 | 10 | 0.35 | 47 | <1 | 0.02 |
| M171504 | | <2 | 0.13 | <0.5 | 4 | 92 | 2 | 1.16 | <10 | 1 | 0.13 | 20 | 0.37 | 54 | <1 | 0.02 |
| M171505 | | <2 | 0.18 | <0.5 | 4 | 86 | 3 | 1.10 | <10 | <1 | 0.14 | 20 | 0.29 | 51 | 1 | 0.03 |
| M171506 | | <2 | 0.07 | <0.5 | 4 | 81 | 2 | 1.24 | <10 | <1 | 0.14 | 20 | 0.36 | 39 | 1 | 0.02 |
| M171507 | | <2 | 0.02 | <0.5 | <1 | 36 | 34 | 2.90 | <10 | <1 | 0.30 | 30 | 0.03 | 43 | 3 | 0.01 |
| M171508 | | <2 | 0.12 | <0.5 | 6 | 66 | 1 | 1.11 | <10 | <1 | 0.15 | 30 | 0.49 | 100 | 1 | 0.02 |
| M171509 | | <2 | 0.11 | <0.5 | 5 | 120 | 3 | 1.32 | <10 | <1 | 0.16 | 20 | 0.39 | 141 | 2 | 0.01 |
| M171510 | | <2 | 0.24 | <0.5 | 5 | 119 | 1 | 1.42 | <10 | <1 | 0.13 | 20 | 0.26 | 129 | 1 | 0.01 |
| M171511 | | <2 | 0.33 | <0.5 | 4 | 93 | 1 | 1.19 | <10 | <1 | 0.14 | 20 | 0.22 | 134 | <1 | 0.01 |
| M171512 | | <2 | 0.13 | <0.5 | 6 | 54 | 1 | 1.48 | <10 | <1 | 0.16 | 30 | 0.31 | 97 | 1 | 0.01 |
| M171513 | | <2 | 0.65 | <0.5 | 7 | 99 | 2 | 1.99 | <10 | <1 | 0.16 | 20 | 0.71 | 384 | <1 | 0.01 |
| M171514 | | <2 | 0.30 | <0.5 | 6 | 111 | 3 | 2.11 | <10 | <1 | 0.15 | 20 | 0.32 | 233 | 1 | 0.01 |
| M171515 | | <2 | 0.11 | <0.5 | 2 | 116 | 2 | 0.74 | <10 | <1 | 0.09 | 10 | 0.21 | 63 | <1 | 0.02 |
| M171516 | | <2 | 0.05 | <0.5 | 1 | 131 | 2 | 0.68 | <10 | <1 | 0.05 | 10 | 0.10 | 30 | <1 | 0.03 |
| M171517 | | <2 | 0.09 | <0.5 | 5 | 91 | 1 | 1.35 | <10 | <1 | 0.13 | 20 | 0.35 | 76 | <1 | 0.01 |
| M171518 | | <2 | 0.18 | <0.5 | 4 | 78 | 1 | 0.89 | <10 | <1 | 0.12 | 20 | 0.33 | 55 | <1 | 0.02 |
| M171519 | | <2 | 0.23 | <0.5 | 5 | 126 | 1 | 1.06 | <10 | <1 | 0.09 | 20 | 0.21 | 82 | <1 | 0.02 |
| M171520 | | <2 | 0.17 | <0.5 | 3 | 114 | 2 | 0.84 | <10 | 1 | 0.08 | 20 | 0.30 | 60 | <1 | 0.03 |
| M171521 | | <2 | 0.68 | <0.5 | 6 | 93 | 1 | 1.96 | <10 | <1 | 0.16 | 20 | 0.98 | 171 | <1 | 0.01 |
| M171522 | | <2 | 0.19 | <0.5 | 4 | 123 | 1 | 1.64 | <10 | 1 | 0.13 | 10 | 0.50 | 78 | <1 | 0.01 |
| M171523 | | <2 | 0.14 | <0.5 | 4 | 76 | 1 | 2.10 | <10 | <1 | 0.23 | 10 | 0.43 | 60 | 1 | 0.01 |
| M171524 | | <2 | 0.12 | <0.5 | 4 | 86 | 1 | 1.34 | <10 | <1 | 0.13 | 20 | 0.38 | 68 | <1 | 0.02 |

Comments: NSS is non-sufficient sample.



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Date : 17-Oct-2003
Account: NJY

Project : Z-03-16/17

CERTIFICATE OF ANALYSIS VA03040151

| Sample Description | Method Analyte Units LOR | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 |
|--------------------|-----------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M171525 | | <2 | 0.95 | 3.5 | 20 | 27 | 180 | 3.59 | <10 | 1 | 0.25 | 10 | 0.86 | 722 | 28 | 0.04 |
| M171526 | | <2 | 0.21 | <0.5 | 2 | 110 | 3 | 0.86 | <10 | <1 | 0.10 | 20 | 0.17 | 45 | <1 | 0.02 |
| M171527 | | <2 | 0.16 | <0.5 | 3 | 140 | 2 | 1.11 | <10 | <1 | 0.17 | 20 | 0.15 | 53 | <1 | 0.02 |
| M171528 | | <2 | 0.12 | <0.5 | 3 | 235 | 2 | 1.40 | <10 | <1 | 0.15 | 20 | 0.08 | 35 | <1 | 0.01 |
| M171529 | | <2 | 0.08 | <0.5 | 3 | 74 | 1 | 1.59 | <10 | <1 | 0.22 | 30 | 0.07 | 35 | <1 | 0.01 |
| M171530 | | <2 | 0.11 | <0.5 | 2 | 273 | 2 | 0.77 | <10 | <1 | 0.08 | 10 | 0.06 | 28 | <1 | <0.01 |
| M171531 | | <2 | 0.23 | <0.5 | 2 | 157 | 2 | 0.88 | <10 | <1 | 0.15 | 10 | 0.14 | 31 | <1 | 0.01 |
| M171532 | | <2 | 0.23 | <0.5 | 2 | 178 | 1 | 0.68 | <10 | <1 | 0.12 | 10 | 0.13 | 33 | 1 | 0.01 |
| M171533 | | <2 | 0.18 | <0.5 | 2 | 213 | 2 | 0.51 | <10 | <1 | 0.07 | 10 | 0.15 | 33 | 1 | <0.01 |
| M171534 | | <2 | 0.02 | <0.5 | 2 | 129 | 2 | 0.64 | <10 | <1 | 0.06 | 20 | 0.16 | 26 | <1 | 0.02 |
| M171535 | | <2 | 0.04 | <0.5 | 2 | 136 | 1 | 0.85 | <10 | <1 | 0.09 | 20 | 0.12 | 39 | <1 | 0.03 |
| M171536 | | <2 | 0.03 | <0.5 | 1 | 160 | 2 | 0.70 | <10 | <1 | 0.08 | 20 | 0.13 | 27 | <1 | 0.03 |

Comments: NSS is non-sufficient sample.



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Date : 17-Oct-2003

Account: NJY

Project : Z-03-16/17

CERTIFICATE OF ANALYSIS VA03040151

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|----------------|---------------|----------------|----------------|
| | | Ni ppm 1 | P ppm 10 | Pb ppm 2 | S % 0.01 | Sb ppm 2 | Sc ppm 1 | Sr ppm 1 | Ti % 0.01 | Ti ppm 10 | U ppm 10 | V ppm 1 | W ppm 10 | Zn ppm 2 |
| M171485 | | 5 | 110 | 2 | 0.01 | <2 | 1 | 10 | <0.01 | <10 | <10 | 2 | <10 | 11 |
| M171486 | | 5 | 110 | <2 | 0.01 | <2 | 1 | 19 | <0.01 | <10 | <10 | 2 | <10 | 11 |
| M171487 | | 7 | 130 | 2 | 0.01 | <2 | 1 | 14 | <0.01 | <10 | <10 | 2 | <10 | 11 |
| M171488 | | 4 | 90 | 3 | 0.02 | <2 | 1 | 4 | <0.01 | <10 | <10 | 1 | <10 | 8 |
| M171489 | | 5 | 100 | 4 | 0.02 | <2 | 1 | 4 | <0.01 | <10 | <10 | 1 | <10 | 9 |
| M171490 | | 6 | 170 | 2 | 0.07 | <2 | 1 | 9 | <0.01 | <10 | <10 | 1 | <10 | 9 |
| M171491 | | 8 | 150 | 3 | 0.10 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 14 |
| M171492 | | 6 | 160 | 3 | 0.06 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 12 |
| M171493 | | 5 | 90 | 2 | 0.16 | <2 | 1 | 7 | <0.01 | <10 | <10 | 1 | <10 | 10 |
| M171494 | | 5 | 230 | 2 | 0.20 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 9 |
| M171495 | | 7 | 160 | <2 | 0.02 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 13 |
| M171496 | | 6 | 130 | <2 | <0.01 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 10 |
| M171497 | | 4 | 110 | <2 | <0.01 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 4 |
| M171498 | | 5 | 100 | 2 | 0.03 | <2 | 1 | 7 | <0.01 | <10 | <10 | 1 | <10 | 7 |
| M171499 | | 6 | 150 | 2 | 0.15 | <2 | 1 | 8 | <0.01 | <10 | <10 | 1 | <10 | 10 |
| M171500 | | 13 | 1860 | 4 | 0.09 | <2 | 12 | 77 | 0.24 | <10 | <10 | 222 | <10 | 49 |
| M171501 | | 6 | 140 | <2 | 0.08 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 9 |
| M171502 | | 8 | 90 | 3 | 0.32 | <2 | 1 | 9 | <0.01 | <10 | <10 | 2 | <10 | 10 |
| M171503 | | 6 | 90 | 3 | 0.39 | <2 | 1 | 9 | <0.01 | <10 | <10 | 1 | <10 | 9 |
| M171504 | | 7 | 130 | 2 | 0.07 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 11 |
| M171505 | | 10 | 100 | 2 | 0.09 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 14 |
| M171506 | | 9 | 130 | 3 | 0.03 | <2 | 1 | 4 | <0.01 | <10 | <10 | 3 | <10 | 11 |
| M171507 | | 6 | 250 | 31 | 0.02 | 69 | 7 | 74 | <0.01 | <10 | <10 | 11 | <10 | 14 |
| M171508 | | 9 | 160 | 2 | 0.01 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 18 |
| M171509 | | 12 | 320 | 3 | 0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 15 |
| M171510 | | 8 | 350 | 2 | <0.01 | <2 | 1 | 6 | 0.01 | <10 | <10 | 4 | <10 | 11 |
| M171511 | | 6 | 440 | 3 | <0.01 | <2 | 1 | 8 | <0.01 | <10 | <10 | 3 | <10 | 9 |
| M171512 | | 10 | 190 | 2 | 0.01 | <2 | 1 | 7 | 0.01 | <10 | <10 | 4 | <10 | 12 |
| M171513 | | 12 | 510 | <2 | <0.01 | <2 | 1 | 20 | 0.01 | <10 | <10 | 5 | <10 | 13 |
| M171514 | | 10 | 640 | 2 | 0.09 | <2 | 1 | 7 | <0.01 | <10 | <10 | 3 | <10 | 20 |
| M171515 | | 3 | 100 | 2 | 0.04 | <2 | 1 | 4 | <0.01 | <10 | <10 | 1 | <10 | 7 |
| M171516 | | 4 | 50 | 2 | 0.08 | <2 | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| M171517 | | 7 | 210 | 2 | 0.04 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 14 |
| M171518 | | 5 | 110 | 10 | 0.05 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 11 |
| M171519 | | 7 | 100 | 2 | 0.03 | 2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 14 |
| M171520 | | 5 | 70 | 4 | 0.05 | 2 | 1 | 8 | <0.01 | <10 | <10 | 1 | <10 | 10 |
| M171521 | | 9 | 420 | <2 | <0.01 | <2 | 1 | 11 | 0.01 | <10 | <10 | 5 | <10 | 16 |
| M171522 | | 8 | 350 | 2 | <0.01 | 2 | 1 | 5 | 0.01 | <10 | <10 | 4 | <10 | 11 |
| M171523 | | 12 | 280 | 2 | <0.01 | 2 | 1 | 4 | 0.01 | <10 | <10 | 6 | <10 | 13 |
| M171524 | | 7 | 240 | <2 | <0.01 | <2 | 1 | 8 | 0.01 | <10 | <10 | 3 | <10 | 10 |

Comments: NSS is non-sufficient sample.



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Total # of pages : 3 (A - C)
Date : 17-Oct-2003
Account: NJY

Project : Z-03-16/17

CERTIFICATE OF ANALYSIS VA03040151

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|-----------|----------|-----------|----------|----------|----------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Ti | U | V | W | Zn |
| | | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 | ppm 1 | ppm 1 | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| M171525 | | 16 | 570 | 41 | 1.21 | 2 | 7 | 46 | 0.07 | <10 | <10 | 71 | <10 | 115 |
| M171526 | | 4 | 80 | 2 | <0.01 | 2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 6 |
| M171527 | | 6 | 150 | 2 | <0.01 | 2 | 1 | 7 | <0.01 | <10 | <10 | 4 | <10 | 7 |
| M171528 | | 7 | 310 | <2 | <0.01 | 2 | 1 | 4 | <0.01 | <10 | <10 | 4 | <10 | 5 |
| M171529 | | 8 | 240 | <2 | <0.01 | 2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 7 |
| M171530 | | 5 | 100 | <2 | 0.03 | <2 | <1 | 4 | <0.01 | <10 | <10 | 1 | <10 | 3 |
| M171531 | | 5 | 110 | 3 | 0.07 | 2 | 1 | 10 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| M171532 | | 5 | 50 | <2 | 0.01 | 2 | 1 | 5 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| M171533 | | 4 | 30 | <2 | 0.02 | <2 | <1 | 6 | <0.01 | <10 | <10 | 1 | <10 | 4 |
| M171534 | | 4 | 60 | <2 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 7 |
| M171535 | | 5 | 130 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 8 |
| M171536 | | 3 | 70 | 9 | <0.01 | 2 | 1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 6 |

Comments: NSS is non-sufficient sample.

CHAPLEAU RESOURCL LTD.

DRILL HOLE RECORD

HOLE #: Z-03-17

LENGTH: 168.9 M.

| | | | |
|---|-----------------------------|---------------------------|-------------------------------|
| PROPERTY: ZINGER | | HORI. COMP: 119.43 meters | DRILL CONTRACTOR: Lone Ranger |
| LOCATION: South Zinger (Gold Run Creek) | | VERT. COMP: 119.43 | |
| COMMENCED: September 30, 2003 | COMPLETED: October 6, 2003 | CORR. DIP: -45 | CORE SIZE: NQ |
| COORDS: Long. | Lat. | TRUE BEARING: 118° | CASING: 3.0 |
| COORDS: UTM (E) 558680 | (N) 5474840 (EL) | % RECOVERY: | CORE STORAGE: Vine Properties |
| COORDS: Grid (E) | (N) (EL) | LOGGED DATE: October 2003 | |
| ELEVATION: 2060 meters | COLLAR: Dip: -45° Azi: 118° | LOGGED BY: D.L. Pighin | |
| OBJECTIVE: | | | |
| SURVEYS: Depth: | Dip: Azi: | Type: | |
| ADDITIONAL SURVEYS: | | | |
| Depth: | Dip: Azi: | | |

| | | |
|------|------|---|
| From | To | LITHOLOGY: Quartzite, with scattered thin wispy argillite partings. Unit is less than 5% argillite. |
| 3.0 | 14.0 | COLOR: Light maroon, finely laminated yellowish gray, argillite wisps are apple green. |
| | | PRIMARY STRUCTURE: Thick bedded, bedding is indistinct, fine grained quartzite, generally finely parallel laminated. Bedding to core 3.4 m = 49°, bedding to core at 12 m = 46°. |
| | | TECTONIC STRUCTURE: Weakly to moderately brecciated throughout interval 3.0 – 14.0 meters. Quartz filled fractures to core axis are at 10°, 30° 13°, (40° subparallel to bedding), parallel to core axis, and 32° to core axis which is normal to bedding. |
| | | GENERAL ALTERATION: Strongly sericitic and silicified, fine yellowish sericite accents the fine parallel lamination in quartzites. Quartzites are weakly speckled throughout by late limonite after Fe-carbonate. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Quartz – carbonate (siderite) veins cut core as described above. The veins range in thickness mainly 2 mm to 5 mm rarely 10 mm. The veins host rare fresh pyrite, and abundant limonite after pyrite and siderite? |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|----|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| STND | | 0 | 62 P B | M171385 | | 11.1 | 22.1 | 22 | 35 | 108 | 172 |
| 3 | 4 | 0 | Moderate to weakly brecciated mineralized by drusy quartz, rare fresh pyrite and abundant pyrite | M171386 | | <0.05 | <0.2 | <2 | <2 | 3 | 11 |
| 4 | 5 | 0 | Moderate to weakly brecciated mineralized by drusy quartz, rare fresh pyrite and abundant pyrite | M171387 | 1 | <0.05 | <0.2 | <2 | <2 | 7 | 39 |
| 5 | 6 | 0 | Moderate to weakly brecciated mineralized by drusy quartz, rare fresh pyrite and abundant pyrite | M171388 | | <0.05 | <0.2 | <2 | <2 | 5 | 3 |
| 6 | 7 | 0 | Moderate to weakly brecciated mineralized by drusy quartz, rare fresh pyrite and abundant pyrite | M171389 | 1 | <0.05 | <0.2 | <2 | <2 | 5 | 7 |

27.3.14

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-17

LENGTH: 168.9 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|----|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 7 | 8 | 0 | Moderate to weakly brecciated mineralized by drusy quartz, rare fresh pyrite. | M171390 | 1 | <0.05 | <0.2 | <2 | <2 | 9 | 4 |
| 8 | 9 | 0 | Moderate to weakly brecciated mineralized by drusy quartz, rare fresh pyrite. | M171391 | 1 | <0.05 | <0.2 | <2 | <2 | 5 | 2 |
| 9 | 10 | 0 | Moderate to weakly brecciated mineralized by drusy quartz, rare fresh pyrite. | M171392 | 1 | <0.05 | <0.2 | 2 | <2 | 3 | 4 |
| 10 | 11 | 0 | Moderate to weakly brecciated mineralized by drusy quartz, rare fresh pyrite. | M171393 | 1 | 0.05 | <0.2 | 3 | 7 | 12 | 6 |
| 11 | 12 | 0 | Moderate to weakly brecciated mineralized by drusy quartz, rare fresh pyrite. | M171394 | 1 | <0.05 | <0.2 | 2 | <2 | 6 | 4 |
| 12 | 13 | 0 | Moderate to weakly brecciated mineralized by drusy quartz, rare fresh pyrite. | M171395 | 1 | 0.09 | <0.2 | <2 | <2 | 6 | 3 |
| 13 | 14 | 0 | | M171396 | 1 | <0.05 | <0.2 | <2 | <2 | 6 | 2 |

CHAPLEAU RESOURCE LTD.
DRILL HOLE RECORD

HOLE #: Z-03-17
LENGTH: 168.9 M.

| From | To | LITHOLOGY: Quartzite, rare wispy thin argillite beds unit less than 5% argillite. |
|------|------|--|
| 14.0 | 25.0 | COLOR: Quartzite are purple to dark maroon finely by irregularly lined by dark purple and dark maroon. |
| | | PRIMARY STRUCTURE: Medium to thin bedded, bedding is distinct. Bedding is generally wavy with distorted lamination, parallel lamination is rare. Argillite interbeds are strongly distorted. Bedding to core axis at 21.0 = 51° @ 27.0 = 48°. |
| | | TECTONIC STRUCTURE: Quartz healed fractures as previously described. |
| | | GENERAL ALTERATION: Regional silicification and sericitization? |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: The veinlets in this interval in thickness and core angles are the same as described previous. However these veinlets consists mainly of milky with quartz, minor Fe Carbonate and minor dark green chlorite. Pyrite is very rare. Some of the quartz is very drusy. This section in general is only weakly veined. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|----|------------|------------------------|------------|-------|--------|--------|--------|--------|--------|--------|
| 14 | 15 | 0 | Weakly veined section. | M 171397 | 1 | <0.05 | 0.3 | <2 | <2 | 12 | 5 |
| 15 | 16 | 0 | Weakly veined section. | M 171398 | 1 | <0.05 | <0.2 | 2 | <2 | 6 | 3 |
| 16 | 17 | 0 | Weakly veined section. | M 171399 | 1 | <0.05 | <0.2 | <2 | <2 | 10 | 5 |
| 17 | 18 | 0 | Weakly veined section. | M 171400 | 1 | <0.05 | 0.2 | 2 | <2 | 13 | 3 |
| 18 | 19 | 0 | Weakly veined section. | M 171401 | 1 | <0.05 | <0.2 | <2 | <2 | 23 | 3 |
| 19 | 20 | 0 | Weakly veined section. | M 171402 | 1 | <0.05 | <0.2 | <2 | <2 | 7 | 2 |
| 20 | 21 | 0 | Weakly veined section. | M 171403 | 1 | <0.05 | <0.2 | <2 | <2 | 6 | 3 |
| 21 | 22 | 0 | Weakly veined section. | M 171404 | 1 | <0.05 | <0.2 | 2 | <2 | 9 | 4 |
| 22 | 23 | 0 | Weakly veined section. | M 171405 | 1 | <0.05 | <0.2 | <2 | <2 | 14 | 7 |
| 23 | 24 | 0 | Weakly veined section. | M 171406 | 1 | <0.05 | <0.2 | <2 | <2 | 5 | 7 |
| 24 | 25 | 0 | Weakly veined section. | M 171407 | 1 | <0.05 | <0.2 | <2 | <2 | 23 | 5 |

CHAPLEAU RESOURCE LTD.
DRILL HOLE RECORD

HOLE #: Z-03-17
LENGTH: 168.9 M.

| From | To | LITHOLOGY: Quartzite, rare thin wispy argillite bed partings. Unit is less than 5% argillite. |
|------|------|--|
| 25.0 | 52.5 | COLOR: Quartzites generally light maroon to light brownish maroon, parallel lined by light yellow and yellowish white. |
| | | PRIMARY STRUCTURE: Medium to thin bedded, bedding is sharp and generally wavy. Quartzites are fine grained and finely parallel laminated. Very thin argillite beds are highly distorted. Bedding to core at 41.5 meters = 48°, at 47.0 meters = 48°. |
| | | TECTONIC STRUCTURE: 25.0 – 52.5 is only moderately to weakly fracture at core angles reported previously. |
| | | GENERAL ALTERATION: Intense sericitization and silicification. The sericite is light yellow and accents the parallel laminations in the host sediments. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Quartz veinlets in this interval range in thickness from 2 mm to 4 mm and locally 10 mm. Veinlets consists mainly of light gray quartz with minor Fe-Carbonate pyrite is very rare. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|----|------------|--------------------------------------|------------|-------|--------|--------|--------|--------|--------|--------|
| 25 | 26 | 0 | Weakly veined section. | M171408 | 1 | <0.05 | <0.2 | 4 | 2 | 10 | 3 |
| 26 | 27 | 0 | Weakly veined section. | M171409 | 1 | <0.05 | <0.2 | <2 | <2 | 14 | 4 |
| STND | | 0 | 7 P A | M171410 | | 2.95 | <0.2 | 2450 | 34 | 15 | 36 |
| 27 | 28 | 0 | Weakly veined section. | M171411 | 1 | <0.05 | <0.2 | 7 | <2 | 11 | 4 |
| 28 | 29 | 0 | Weakly veined section. | M171412 | 1 | <0.05 | <0.2 | 3 | 2 | 12 | 3 |
| 29 | 30 | 0 | Weakly veined section. | M171413 | 1 | <0.05 | <0.2 | 4 | <2 | 5 | 3 |
| 30 | 31 | 0 | Weakly veined section. | M171414 | 1 | <0.05 | <0.2 | 3 | <2 | 7 | 3 |
| 31 | 32 | 0 | Weakly veined section. | M171415 | 1 | <0.05 | <0.2 | 2 | <2 | 9 | 3 |
| 32 | 33 | 0 | Weakly veined section. | M171416 | 1 | <0.05 | <0.2 | 2 | <2 | 8 | 6 |
| 33 | 34 | 0 | Weakly veined section. | M171417 | 1 | <0.05 | <0.2 | <2 | <2 | 10 | 3 |
| 34 | 35 | 0 | Weakly veined section. | M171418 | 1 | <0.05 | 0.2 | 2 | 6 | 3 | 6 |
| 35 | 36 | 0 | Weakly veined section. | M171419 | 1 | <0.05 | 0.2 | 4 | 12 | 15 | 10 |
| 36 | 37 | 0 | Weakly fractured weakly mineralized. | M171420 | 1 | <0.05 | <0.2 | 2 | 3 | 9 | 9 |
| 37 | 38 | 0 | Weakly fractured weakly mineralized. | M171421 | 1 | <0.05 | <0.2 | <2 | <2 | 19 | 7 |
| 38 | 39 | 0 | Weakly fractured weakly mineralized. | M171422 | 1 | 0.08 | <0.2 | 2 | <2 | 14 | 8 |
| 39 | 40 | 0 | Weakly fractured weakly mineralized. | M171423 | 1 | <0.05 | <0.2 | <2 | <2 | 10 | 5 |
| 40 | 41 | 0 | Weakly fractured weakly mineralized. | M171424 | 1 | <0.05 | <0.2 | <2 | <2 | 12 | 4 |
| 41 | 42 | 0 | Weakly fractured weakly mineralized. | M171425 | 1 | 0.06 | <0.2 | <2 | <2 | 17 | 3 |
| 42 | 43 | 0 | Weakly fractured weakly mineralized. | M171426 | 1 | <0.05 | <0.2 | <2 | <2 | 10 | 3 |

CHAPLEAU RESOURCE LTD.

DRILL HOLE RECORD

HOLE #: Z-03-17

LENGTH: 168.9 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|----|------------|--------------------------------------|------------|-------|--------|--------|--------|--------|--------|--------|
| 43 | 44 | 0 | Weakly fractured weakly mineralized. | M171427 | 1 | <0.05 | <0.2 | <2 | <2 | 13 | 4 |
| 44 | 45 | 0 | Weakly fractured weakly mineralized. | M171428 | 1 | <0.05 | <0.2 | <2 | <2 | 11 | 3 |
| 45 | 46 | 0 | Weakly fractured weakly mineralized. | M171429 | 1 | <0.05 | <0.2 | <2 | <2 | 10 | 2 |
| 46 | 47 | 0 | Weakly fractured weakly mineralized. | M171430 | 1 | <0.05 | <0.2 | 2 | <2 | 13 | 3 |
| 47 | 48 | 0 | Weakly fractured weakly mineralized. | M171431 | 1 | 0.1 | <0.2 | <2 | <2 | 10 | 4 |
| 48 | 49 | 0 | Weakly fractured weakly mineralized. | M171432 | 1 | <0.05 | <0.2 | 2 | <2 | 10 | 6 |
| 49 | 50 | 0 | Weakly fractured weakly mineralized. | M171433 | 1 | <0.05 | <0.2 | <2 | <2 | 13 | 3 |
| 50 | 51 | 0 | Weakly fractured weakly mineralized. | M171434 | 1 | <0.05 | <0.2 | <2 | <2 | 13 | 3 |
| 51 | 52 | 0 | Weakly fractured weakly mineralized. | M171435 | 1 | <0.05 | <0.2 | <2 | <2 | 1 | 3 |

CHAPLEAU RESOURCE LTD.

DRILL HOLE RECORD

HOLE #: Z-03-17

LENGTH: 168.9 M.

| From | To | LITHOLOGY: Quartzite. |
|------|------|---|
| 52.5 | 56.2 | COLOR: Light brownish maroon, finely speckled by light brown. |
| | | PRIMARY STRUCTURE: Very thick bedded, bedding is indistinct, beds are massive and show no primary structures. The quartzites are very fine grained. |
| | | TECTONIC STRUCTURE: Widely scattered thin quartz – limonite veinlets. |
| | | GENERAL ALTERATION: Intensely silicified and sericitized, speckled brown by late limonite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: These quartz veinlets consist of light gray and white quartz with limonite after siderite. Very finely crystalline pyrite is weakly disseminated in the host quartzite and in some quartz veins. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|----|------------|---|------------|-------|-----------|-----------|-----------|-----------|-----------|-----------|
| 52 | 53 | 0 | | M 171436 | 1 | <0.05 | <0.2 | <2 | <2 | 1 | 3 |
| 53 | 54 | 0 | Widely scattered limonitic drusy quartz veinlets. | M 171437 | 1 | <0.05 | <0.2 | <2 | <2 | 6 | 3 |
| 54 | 55 | 0 | Widely scattered limonitic drusy quartz veinlets. | M 171438 | 1 | <0.05 | <0.2 | <2 | <2 | 7 | 3 |
| 55 | 56 | 0 | Widely scattered limonitic drusy quartz veinlets. | M 171439 | 1 | <0.05 | <0.2 | <2 | 2 | 5 | 3 |
| STND | | 0 | 50 P | M 171440 | | 0.73 | 2.3 | 5 | 4 | 47 | 6760 |

CHAPLEAU RESOURCE LTD.

DRILL HOLE RECORD

HOLE #: Z-03-17

LENGTH: 168.9 M.

| From | To | LITHOLOGY: Quartzite, interbedded argillite. |
|------|------|--|
| 56.2 | 78.5 | COLOR: Quartzites are maroon to light maroon, commonly finely parallel lined by dark maroon and yellow. |
| | | PRIMARY STRUCTURE: Medium to thin bedded, bedding is distinct to sharp, commonly wavy. Quartzites are very fine grained and commonly parallel laminated, rarely marked by crenulating laminations. Argillites form thin highly distorted interbeds deformation is probably due to soft sediment deformation. Bedding to core at 64.0 = 60°, bedding to core axis = at 74.0 = 50°, bedding to core axis = 78.5 = 45°. |
| | | TECTONIC STRUCTURE: 61.0 - 62.0 thin shear zone cuts core axis at 5°, 69.0 to 73.5 strongly brecciated fractures cut core axis at 73° dominant, 56°, 5° and 18°. Strong breccia zone from 75.5 - 78.5 fractures to core as previously reported. |
| | | GENERAL ALTERATION: Mineralized sections (Fracture zones) are intensely silicified and sericitized by yellow sericite, late finely disseminated Fe - Carbonate throughout the fractured sediments. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: 69.0 to 73.5 moderate to strongly fractured Drusy quartz veins range in thickness between 2 mm and 20 mm. The quartz veins are well mineralized by limonite after pyrite and siderite. |
| | | Strongly breccia zone from 75.5 to 78.5. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 56 | 57 | 0 | Weakly brecciated throughout. | M171441 | 1 | <0.05 | <0.2 | <2 | 6 | 10 | 8 |
| 57 | 58 | 0 | Weakly brecciated throughout. | M171442 | 1 | <0.05 | <0.2 | <2 | <2 | 11 | 3 |
| 58 | 59 | 0 | Weakly brecciated throughout. | M171443 | 1 | 0.08 | <0.2 | <2 | <2 | 13 | 3 |
| 59 | 60 | 0 | Weakly brecciated throughout. | M171444 | 1 | 0.14 | <0.2 | 2 | <2 | 14 | 3 |
| 60 | 61 | 0 | Weakly brecciated throughout. | M171445 | 1 | <0.05 | <0.2 | 3 | <2 | 15 | 3 |
| 61 | 62 | 0 | Weakly brecciated throughout. | M171446 | 1 | <0.05 | <0.2 | 4 | <2 | 13 | 3 |
| 62 | 63 | 0 | Weakly brecciated throughout. | M171447 | 1 | 0.28 | <0.2 | <2 | <2 | 13 | 4 |
| 63 | 64 | 0 | Weakly brecciated throughout. | M171448 | 1 | <0.05 | <0.2 | 2 | <2 | 10 | 3 |
| 68 | 69 | 0 | Weakly brecciated throughout. | M171449 | 1 | <0.05 | <0.2 | <2 | 3 | 22 | 8 |
| 69 | 69.5 | 0 | Moderately to strongly fractured and mineralized by quartz and limonite. | M171450 | 0.5 | <0.05 | <0.2 | 5 | <2 | 7 | 3 |
| 69.5 | 70 | 0 | Moderately to strongly fractured and mineralized by quartz and limonite. | M171451 | 0.5 | <0.05 | <0.2 | 2 | <2 | 6 | 3 |
| 70 | 70.5 | 0 | Moderately to strongly fractured and mineralized by quartz and limonite. | M171452 | 0.5 | 0.16 | <0.2 | 2 | 2 | 7 | 3 |
| 70.5 | 71 | 0 | Moderately to strongly fractured and mineralized by quartz and limonite. | M171453 | 0.5 | <0.05 | <0.2 | 2 | <2 | 7 | 2 |
| 71 | 71.5 | 0 | Moderately to strongly fractured and mineralized by quartz and limonite. | M171454 | 0.5 | <0.05 | <0.2 | <2 | 2 | 5 | 2 |
| 71.5 | 72 | 0 | Moderately to strongly fractured and mineralized by quartz and limonite. | M171455 | 0.5 | <0.05 | <0.2 | <2 | <2 | 28 | 7 |
| 72 | 72.5 | 0 | Moderately to strongly fractured and mineralized by quartz and limonite. | M171456 | 0.5 | <0.05 | <0.2 | <2 | 2 | 5 | 2 |

CHAPLEAU RESOURCE LTD.

DRILL HOLE RECORD

HOLE #: Z-03-17

LENGTH: 168.9 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu m |
|------|------|------------|--|------------|-------|--------|--------|--------|--------|--------|------|
| 72.5 | 73 | 0 | Moderately to strongly fractured and mineralized by quartz and limonite. | M171457 | 0.5 | <0.05 | <0.2 | <2 | 2 | 33 | 6 |
| 73 | 73.5 | 0 | Moderately to strongly fractured and mineralized by quartz and limonite. | M171458 | 0.5 | 0.06 | <0.2 | 3 | <2 | 11 | 4 |
| 74 | 75 | 0 | Weakly brecciated. | M171459 | 0.5 | <0.05 | <0.2 | <2 | 2 | 10 | 3 |
| 75 | 75.5 | 0 | Weakly brecciated. | M171460 | 0.5 | <0.05 | <0.2 | <2 | 3 | 13 | 3 |
| 73.5 | 74 | 0 | Weakly brecciated. | M171461 | 0.5 | <0.05 | <0.2 | <2 | 6 | 21 | 3 |
| STND | | 0 | 62 PB | M171462 | | 10.85 | 21.7 | 20 | 36 | 108 | 172 |
| 75.5 | 76 | 0 | Strongly brecciated mineralized by quartz limonite and pyrite. | M171463 | 0.5 | <0.05 | <0.2 | <2 | 4 | 17 | 4 |
| 76 | 76.5 | 0 | Strongly brecciated mineralized by quartz limonite and pyrite. | M171464 | 0.5 | 0.47 | 0.2 | 4 | 68 | 58 | 9 |
| 76.5 | 77 | 0 | Strongly brecciated mineralized by quartz limonite and pyrite. | M171465 | 0.5 | 0.26 | <0.2 | <2 | 12 | 19 | 4 |
| 77 | 77.5 | 0 | Strongly brecciated mineralized by quartz limonite and pyrite. | M171466 | 0.5 | <0.05 | <0.2 | <2 | <2 | 15 | 4 |
| 77.5 | 78 | 0 | Strongly brecciated mineralized by quartz limonite and pyrite. | M171467 | 0.5 | <0.05 | <0.2 | <2 | <2 | 10 | 1 |
| 78 | 78.5 | 0 | Strongly brecciated mineralized by quartz limonite and pyrite. | M171468 | 0.5 | <0.05 | <0.2 | <2 | 2 | 25 | 4 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z-03-17
LENGTH: 168.9 M.

| From | To | LITHOLOGY: Hematitic composite quartzite consisting mainly of quartz sand with abundant thin lenses and clasts of argillite. |
|------|-----|---|
| 78.5 | 90. | COLOR: Dark purple quartzite with thin wisps and lenses of dark gray, to light yellowish argillite. |
| | | PRIMARY STRUCTURE: Very thick bedded, bedding not evident. The quartzite consists of coarse grained mature, unsorted quartzite sand, with abundant – sub parallel very thin wispy layers and lenses of argillite. Argillite clasts (mud chips) are widely scattered throughout. |
| | | TECTONIC STRUCTURE: Nil |
| | | GENERAL ALTERATION: Regional silicification and sericitization. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Weak hematite dust throughout matrix of quartzite. Some widely scattered veinlets of white quartz with disseminated specularite. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|----|------------|----------|------------|-------|--------|--------|--------|--------|--------|--------|
| 78.5 | 79 | 0 | | M 171469 | 0.5 | <0.05 | <0.2 | 3 | <2 | 17 | 3 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-17

LENGTH: 168.9 M.

| From | To | LITHOLOGY: Quartzite. |
|------|-------|---|
| 90.0 | 119.0 | COLOR: Quartzites light maroon and light yellowish gray, beds are marked by fine parallel yellow lineation. |
| | | PRIMARY STRUCTURE: Medium to thin bedded, bedding is distinct, generally wavy. Quartzites are very fine grained and finely parallel laminated. Bedding to core at 99.0 = 56°, at 119.0 = 45°. |
| | | TECTONIC STRUCTURE: Sediments are fractured from 91 to 97 meters, strongly fractured from 92 to 95.0, moderately fracture from 98.0 to 119.0. Fractures to core axis = 77°, 52° and 48°. 48° is normal to bedding. |
| | | GENERAL ALTERATION: Intense silicification and sericitization. The sericite forms paper thin parallel yellow laminations, generally thin argillite interbeds are totally altered to yellowish green sericite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Fracture described above are mineralized by white drusy quartz, limonite after siderite and limonite after pyrite and some fresh pyrite. Very weakly disseminated finely crystalline pyrite occurs through host quartzite beds. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 91 | 92 | 0 | Strongly fractured mineralized by quartz, minor pyrite and siderite. | M 171470 | 1 | <0.05 | <0.2 | <2 | <2 | 4 | 2 |
| 92 | 92.5 | 0 | Strongly fractured mineralized by quartz, minor pyrite and siderite. | M 171471 | 0.5 | <0.05 | <0.2 | <2 | 2 | 5 | 6 |
| 92.5 | 93 | 0 | Strongly fractured mineralized by quartz, minor pyrite and siderite. | M 171472 | 0.5 | <0.05 | <0.2 | <2 | <2 | 3 | 10 |
| 93 | 93.5 | 0 | Strongly fractured mineralized by quartz, minor pyrite and siderite. | M 171473 | 0.5 | <0.05 | 0.2 | <2 | 8 | 2 | 8 |
| 93.5 | 94 | 0 | Strongly fractured mineralized by quartz, minor pyrite and siderite. | M 171474 | 0.5 | 0.05 | 1.3 | 8 | 72 | 12 | 20 |
| 94 | 94.5 | 0 | Strongly fractured mineralized by quartz, minor pyrite and siderite. | M 171475 | 0.5 | 0.17 | <0.2 | 2 | 3 | 9 | 10 |
| 94.5 | 95 | 0 | Strongly fractured mineralized by quartz, minor pyrite and siderite. | M 171476 | 0.5 | <0.05 | <0.2 | 2 | 3 | 5 | 17 |
| 95 | 95.5 | 0 | Moderately to weakly fractured mineralized by quartz minor pyrite and limonite. | M 171477 | 0.5 | <0.05 | 0.2 | <2 | 2 | 6 | 10 |
| 95.5 | 96 | 0 | Moderately to weakly fractured mineralized by quartz minor pyrite and limonite. | M 171478 | 0.5 | <0.05 | 0.2 | 2 | 3 | 4 | 8 |
| 96 | 96.5 | 0 | Moderately to weakly fractured mineralized by quartz minor pyrite and limonite. | M 171479 | 0.5 | <0.05 | <0.2 | 2 | 3 | 10 | 8 |
| 96.5 | 97 | 0 | Moderately to weakly fractured mineralized by quartz minor pyrite and limonite. | M 171480 | 0.5 | <0.05 | <0.2 | 8 | 7 | 7 | 10 |
| 97 | 97.5 | 0 | Moderately to weakly fractured mineralized by quartz minor pyrite and limonite. | M 171481 | 0.5 | <0.05 | <0.2 | 22 | 5 | 5 | 12 |
| STND | | 0 | 7 P A | M 171482 | | 3.12 | <0.2 | 2350 | 30 | 15 | 35 |
| 97.5 | 98 | 0 | Moderately to weakly fractured mineralized by quartz minor pyrite and limonite. | M 171483 | 0.5 | <0.05 | <0.2 | 8 | 3 | 7 | |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-17

LENGTH: 168.9 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|-----|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 98 | 99 | 0 | Moderately to weakly fractured mineralized by quartz minor pyrite and limonite. | M 171484 | 1 | <0.05 | <0.2 | <2 | 3 | 11 | 3 |
| 99 | 100 | 0 | Moderately to weakly fractured mineralized by quartz minor pyrite and limonite. | M 171485 | 1 | <0.05 | <0.2 | 2 | 2 | 11 | 4 |
| 100 | 101 | 0 | Moderately to weakly fractured mineralized by quartz minor pyrite and limonite. | M 171486 | 1 | <0.05 | <0.2 | 3 | <2 | 11 | 2 |
| 101 | 102 | 0 | Moderately to weakly fractured mineralized by quartz minor pyrite and limonite. | M 171487 | 1 | <0.05 | <0.2 | 2 | 2 | 11 | 4 |
| 102 | 103 | 0 | Moderately to weakly fractured mineralized by Quartz minor pyrite and limonite. | M 171488 | 1 | <0.05 | <0.2 | <2 | 3 | 8 | 2 |
| 103 | 104 | 0 | Moderately to weakly fractured mineralized by Quartz minor pyrite and limonite. | M 171489 | 1 | <0.05 | <0.2 | 2 | 4 | 9 | 2 |
| 104 | 105 | 0 | Moderately to weakly fractured mineralized by Quartz minor pyrite and limonite. | M 171490 | 1 | <0.05 | <0.2 | 3 | 2 | 9 | 4 |
| 105 | 106 | 0 | Moderately to weakly fractured mineralized by Quartz minor pyrite and limonite. | M 171491 | 1 | 0.07 | <0.2 | 5 | 3 | 14 | 5 |
| 106 | 107 | 0 | Moderately to weakly fractured mineralized by Quartz minor pyrite and limonite. | M 171492 | 1 | 0.18 | <0.2 | 2 | 3 | 12 | 4 |
| 107 | 108 | 0 | Moderately to weakly fractured mineralized by Quartz minor pyrite and limonite. | M 171493 | 1 | 0.87 | 0.2 | <2 | 2 | 10 | 5 |
| 108 | 109 | 0 | Moderately to weakly fractured mineralized by Quartz minor pyrite and limonite. | M 171494 | 1 | 0.37 | <0.2 | 2 | 2 | 9 | 11 |
| 109 | 110 | 0 | Moderately to weakly fractured mineralized by Quartz minor pyrite and limonite. | M 171495 | 1 | <0.05 | <0.2 | 4 | <2 | 13 | 5 |
| 110 | 111 | 0 | Moderately to weakly fractured mineralized by Quartz minor pyrite and limonite. | M 171496 | 1 | <0.05 | <0.2 | 2 | <2 | 10 | 2 |
| 111 | 112 | 0 | Moderately to weakly fractured mineralized by Quartz minor pyrite and limonite. | M 171497 | 1 | <0.05 | <0.2 | 2 | <2 | 4 | 13 |
| 112 | 113 | 0 | Moderately to weakly fractured mineralized by Quartz minor pyrite and limonite. | M 171498 | 1 | <0.05 | <0.2 | <2 | 2 | 7 | 3 |
| 113 | 114 | 0 | Moderately to weakly fractured mineralized by Quartz minor pyrite and limonite. | M 171499 | 1 | 0.49 | <0.2 | <2 | 2 | 10 | 7 |
| STND | | 0 | 50 P A | M 171500 | | 0.76 | 2.4 | 4 | 4 | 49 | 6930 |
| 114 | 115 | 0 | Moderately to weakly fractured mineralized by Quartz minor pyrite and limonite. | M 171501 | 1 | <0.05 | <0.2 | <2 | <2 | 9 | 6 |
| 115 | 116 | 0 | Moderately to weakly fractured mineralized by Quartz minor pyrite and limonite. | M 171502 | 1 | <0.05 | <0.2 | 3 | 3 | 10 | 3 |
| 116 | 117 | 0 | Moderately to weakly fractured mineralized by Quartz minor pyrite and limonite. | M 171503 | 1 | <0.05 | 0.2 | 2 | 3 | 9 | 4 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-17

LENGTH: 168.9 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|-----|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 117 | 118 | 0 | Moderately to weakly fractured mineralized by Quartz minor pyrite and limonite. | M 171504 | 1 | <0.05 | <0.2 | 2 | 2 | 11 | 2 |
| 118 | 119 | 0 | Moderately to weakly fractured mineralized by Quartz minor pyrite and limonite. | M 171505 | 1 | <0.05 | <0.2 | 3 | 2 | 14 | 3 |

| From | To | LITHOLOGY: Hematitic quartzite interbedded argillite. |
|-------|-------|---|
| 119.0 | 135.0 | COLOR: Dark gray quartzite interlayered by light gray, dark gray and locally green argillite. |
| | | PRIMARY STRUCTURE: Thin to very thin bedded, bedding is sharp and very wavy. Thin beds are lenticular and wispy due to shallow water ripples of both argillite and quartzite beds, micro cross-bedding is evident in some beds. Quartzite beds are formed by coarse grained, mature and submature quartz sand. Bedding to core axis at 120.5 = 98°, at 131.0 = 34°. |
| | | TECTONIC STRUCTURE: Rare veinlets parallel to bedding. |
| | | GENERAL ALTERATION: Regional sericitization and silicification. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Earthy hematite in matrix of quartzite. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|-----|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 119 | 120 | 0 | Rare limonite, rare veinlets, good limonite in matrix of coarse grained. | M 171506 | 1 | <0.05 | <0.2 | 3 | 3 | 11 | 2 |
| STND | | 0 | 7 P D | M 171507 | | | 0.4 | 2340 | 31 | 14 | 34 |
| 125 | 126 | 0 | Rare limonite, rare veinlets, good limonite in matrix of coarse grained. | M 171508 | 1 | <0.05 | <0.2 | 6 | 2 | 18 | 1 |
| 126 | 127 | 0 | Rare limonite, rare veinlets, good limonite in matrix of coarse grained. | M 171509 | 1 | <0.05 | <0.2 | 5 | 3 | 15 | 3 |
| 131 | 132 | 0 | Rare limonite, rare veinlets, good limonite in matrix of coarse grained. | M 171510 | 1 | <0.05 | <0.2 | 4 | 2 | 11 | 1 |
| 132 | 133 | 0 | Rare limonite, rare veinlets, good limonite in matrix of coarse grained. | M 171511 | 1 | <0.05 | <0.2 | 3 | 3 | 9 | 1 |
| 133 | 134 | 0 | Rare limonite, rare veinlets, good limonite in matrix of coarse grained. | M 171512 | 1 | <0.05 | <0.2 | 4 | 2 | 12 | 1 |
| 134 | 135 | 0 | Rare limonite, rare veinlets, good limonite in matrix of coarse grained. | M 171513 | 1 | <0.05 | <0.2 | 5 | <2 | 13 | 2 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z-03-17
LENGTH: 168.9 M.

| From | To | LITHOLOGY: Quartzite interbedded argillite. Unit is 40% argillite. |
|-------|-------|---|
| 135.0 | 147.0 | COLOR: Quartzites are light maroon, thinly banded and mottled by maroon, argillite light yellowish green. |
| | | PRIMARY STRUCTURE: Mainly thin to very thin bedded, some medium beds, bedding is sharp and generally wavy due to soft sediment deformation structures such as Ball and Pillow et. Bedding to core at 141.0 = 39°. |
| | | TECTONIC STRUCTURE: Moderately fractured throughout interval, fracture cut core axis at angles of 65° to bedding this set in normal to bedding and 30° to core axis, rare at 05° to core axis. Best zone from 142 – 143 meters. |
| | | GENERAL ALTERATION: Strongly silicified and sericitized, sericite is generally light yellowish green to light yellow. Light yellow sericite forms, paper thin stylolitic structures in quartzite beds. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Weakly veined to moderately veined from 135.0 – 147.0. Pyrite, minor limonite after pyrite and siderite occur disseminated in white to watery white drusy veinlets, best veinlet zone between 142.0 and 143.0. Finely crystalline euhedral pyrite is weakly disseminated in host quartzite. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|-------|-------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 135 | 136 | 0 | Weakly to moderately brecciated and mineralized by quartz - limonite. | M 171514 | 1 | <0.05 | <0.2 | 4 | 2 | 20 | 3 |
| 136 | 137 | 0 | Weakly to moderately brecciated and mineralized by quartz - limonite. | M 171515 | 1 | <0.05 | <0.2 | 4 | 2 | 7 | 2 |
| 137 | 138 | 0 | Weakly to moderately brecciated and mineralized by quartz - limonite. | M 171516 | 1 | <0.05 | <0.2 | 4 | 2 | 6 | 2 |
| 138 | 139 | 0 | Weakly to moderately brecciated and mineralized by quartz - limonite. | M 171517 | 1 | <0.05 | <0.2 | 2 | 2 | 14 | 1 |
| 141.5 | 142.5 | 0 | Weakly to moderately brecciated and mineralized by quartz - limonite. | M 171518 | 1 | <0.05 | <0.2 | <2 | 10 | 11 | 1 |
| 142.5 | 143.5 | 0 | Weakly to moderately brecciated and mineralized by quartz - limonite, best mineralized interval. | M 171519 | 1 | <0.05 | <0.2 | 2 | 2 | 14 | 1 |
| 143.5 | 144.5 | 0 | Weakly to moderately brecciated and mineralized by quartz - limonite, best mineralized interval. | M 171520 | 1 | <0.05 | <0.2 | 3 | 4 | 10 | 2 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z-03-17
LENGTH: 168.9 M.

| | | |
|--------|-------|---|
| From | To | LITHOLOGY: Quartzite and siltstone interbedded with argillite. |
| 142.0 | 168.0 | COLOR: Gray to smoky gray quartzites and light gray to yellowish gray argillite. |
| | | PRIMARY STRUCTURE: Medium to thin bedded, bedding is sharp and very wavy some quartzite beds are coarse grained and hematitic, but generally siltstone and quartzite beds are fine grained. These sediments are generally current laminated, generally strongly deformed by soft sediment deformation (ie) structure such as Ball & Pillow, soft sediment slump fold etc. Bedding to core at 142.0 = 68°, 147.0 = 47°, at 154.0 = 40°, at 161.0 = 52°, at 168 = 60°. |
| End of | | TECTONIC STRUCTURE: Very widely scattered fractures cut core axis as previously described. |
| Hole | | GENERAL ALTERATION: Regional. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: 151.0 – 153.0 Widely scattered white quartz veins generally parallel to bedding developed in the thin bedded coarse grained hematitic quartzite, rare pyrite – weak hematite throughout. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|-----|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 151 | 152 | 0 | Coarse grained hematitic quartzite beds, with widely scattered quartzite. | M 171521 | 1 | <0.05 | <0.2 | <2 | <2 | 16 | 1 |
| 152 | 153 | 0 | Coarse grained hematitic quartzite beds, with widely scattered quartzite. | M 171522 | 1 | <0.05 | <0.2 | <2 | 2 | 11 | 1 |
| 153 | 154 | 0 | Coarse grained hematitic quartzite beds, with widely scattered quartzite. | M 171523 | 1 | <0.05 | <0.2 | <2 | 2 | 13 | 1 |
| 154 | 155 | 0 | Coarse grained hematitic quartzite beds, with widely scattered quartzite. | M 171524 | 1 | <0.05 | <0.2 | <2 | <2 | 10 | 1 |



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104-135 10TH AVE S
CRANBROOK BC V1C 2N1

Page # : 1
Date : 15-Oct-2003
Account: NJY

CERTIFICATE VA03039504

Project : Z-03-17

P.O. No:

This report is for 100 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 6-Oct-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-21 | Crush entire sample 70% < 6 mm |
| PUL-21 | Pulverize entire sample |
| LOG-24 | Pulp Login - Rcd w/o Barcode |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
104-135 10TH AVE S
CRANBROOK BC V1C 2N1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Page #: 2 - A
Total # of pages : 4 (A - C)
Date : 15-Oct-2003
Account: NJY

Project : Z-03-17

CERTIFICATE OF ANALYSIS VA03039504

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | Au-AA25D Au Check ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|-------------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M171385 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 11.10 | 10.85 | | 22.1 | 1.80 | 22 | <10 | 90 |
| M171386 | | 2.36 | <0.05 | <0.05 | <0.05 | <0.001 | 32.57 | 2245 | <0.01 | 0.01 | | <0.2 | 0.26 | <2 | <10 | 70 |
| M171387 | | 2.06 | <0.05 | <0.05 | <0.05 | <0.001 | 30.25 | 1929.0 | <0.01 | <0.01 | | <0.2 | 0.28 | <2 | <10 | 70 |
| M171388 | | 2.32 | <0.05 | <0.05 | <0.05 | <0.001 | 32.14 | 2187 | <0.01 | <0.01 | | <0.2 | 0.23 | <2 | <10 | 30 |
| M171389 | | 2.76 | <0.05 | <0.05 | <0.05 | <0.001 | 31.89 | 2626 | <0.01 | <0.01 | | <0.2 | 0.16 | <2 | <10 | 20 |
| M171390 | | 3.08 | <0.05 | <0.05 | <0.05 | <0.001 | 32.91 | 2907 | <0.01 | <0.01 | | <0.2 | 0.30 | <2 | <10 | 30 |
| M171391 | | 2.16 | <0.05 | <0.05 | <0.05 | <0.001 | 24.83 | 2063 | <0.01 | <0.01 | | <0.2 | 0.24 | <2 | <10 | 50 |
| M171392 | | 2.28 | <0.05 | <0.05 | <0.05 | <0.001 | 29.13 | 2148 | <0.01 | <0.01 | | <0.2 | 0.19 | 2 | <10 | 20 |
| M171393 | | 2.78 | 0.05 | <0.05 | 0.05 | <0.001 | 30.83 | 2643 | <0.01 | 0.10 | | <0.2 | 0.50 | 3 | <10 | 50 |
| M171394 | | 2.42 | <0.05 | <0.05 | <0.05 | <0.001 | 26.21 | 2294 | <0.01 | <0.01 | | <0.2 | 0.25 | 2 | <10 | 60 |
| M171395 | | 2.32 | 0.09 | 1.51 | 0.07 | 0.050 | 33.19 | 2160 | 0.05 | 0.09 | | <0.2 | 0.18 | <2 | <10 | 30 |
| M171396 | | 2.38 | <0.05 | <0.05 | <0.05 | <0.001 | 27.82 | 2228 | <0.01 | <0.01 | | <0.2 | 0.25 | <2 | <10 | 30 |
| M171397 | | 2.34 | <0.05 | <0.05 | <0.05 | <0.001 | 27.49 | 1950.5 | <0.01 | <0.01 | | 0.3 | 0.26 | <2 | <10 | 60 |
| M171398 | | 2.52 | <0.05 | <0.05 | <0.05 | <0.001 | 28.57 | 2010 | <0.01 | <0.01 | | <0.2 | 0.23 | 2 | <10 | 140 |
| M171399 | | 2.54 | <0.05 | <0.05 | <0.05 | <0.001 | 36.44 | 2401 | <0.01 | <0.01 | | <0.2 | 0.58 | <2 | <10 | 70 |
| M171400 | | 2.78 | <0.05 | <0.05 | <0.05 | <0.001 | 40.69 | 2634 | <0.01 | <0.01 | | <0.2 | 0.30 | 2 | <10 | 50 |
| M171401 | | 2.46 | <0.05 | <0.05 | <0.05 | <0.001 | 21.20 | 2348 | <0.01 | <0.01 | | <0.2 | 0.30 | <2 | <10 | 50 |
| M171402 | | 2.98 | <0.05 | <0.05 | <0.05 | <0.001 | 38.56 | 2861 | <0.01 | <0.01 | | <0.2 | 0.24 | <2 | <10 | 50 |
| M171403 | | 2.42 | <0.05 | <0.05 | <0.05 | <0.001 | 23.95 | 2131 | <0.01 | <0.01 | | <0.2 | 0.25 | <2 | <10 | 40 |
| M171404 | | 2.36 | <0.05 | <0.05 | <0.05 | <0.001 | 31.12 | 2230 | <0.01 | <0.01 | | <0.2 | 0.29 | 2 | <10 | 40 |
| M171405 | | 1.36 | <0.05 | <0.05 | <0.05 | <0.001 | 17.77 | 1271.0 | <0.01 | <0.01 | | 0.3 | 0.58 | <2 | <10 | 40 |
| M171406 | | 2.56 | <0.05 | <0.05 | <0.05 | <0.001 | 18.00 | 2463 | <0.01 | <0.01 | | <0.2 | 0.32 | <2 | <10 | 30 |
| M171407 | | 2.24 | <0.05 | <0.05 | <0.05 | <0.001 | 21.87 | 2140 | <0.01 | <0.01 | | <0.2 | 0.36 | <2 | <10 | 70 |
| M171408 | | 2.84 | <0.05 | <0.05 | <0.05 | <0.001 | 27.59 | 2736 | <0.01 | <0.01 | | 0.2 | 0.34 | 4 | <10 | 80 |
| M171409 | | 2.46 | <0.05 | <0.05 | <0.05 | <0.001 | 25.38 | 2376 | <0.01 | <0.01 | | <0.2 | 0.49 | <2 | <10 | 60 |
| M171410 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 2.95 | 2.87 | | <0.2 | 0.89 | 2450 | 10 | 180 |
| M171411 | | 2.24 | <0.05 | <0.05 | <0.05 | <0.001 | 21.66 | 2138 | <0.01 | <0.01 | | <0.2 | 0.44 | 7 | <10 | 70 |
| M171412 | | 2.94 | <0.05 | <0.05 | <0.05 | <0.001 | 22.87 | 2844 | <0.01 | <0.01 | | <0.2 | 0.43 | 3 | <10 | 40 |
| M171413 | | 2.58 | <0.05 | <0.05 | <0.05 | <0.001 | 30.11 | 2464 | <0.01 | <0.01 | | <0.2 | 0.23 | 4 | <10 | 30 |
| M171414 | | 2.32 | <0.05 | <0.05 | <0.05 | <0.001 | 24.48 | 2193 | <0.01 | <0.01 | | <0.2 | 0.28 | 3 | <10 | 30 |
| M171415 | | 2.38 | <0.05 | <0.05 | <0.05 | <0.001 | 24.73 | 2270 | <0.01 | <0.01 | | <0.2 | 0.22 | 2 | <10 | 40 |
| M171416 | | 2.32 | <0.05 | <0.05 | <0.05 | <0.001 | 24.19 | 2209 | <0.01 | <0.01 | | <0.2 | 0.23 | 2 | <10 | 40 |
| M171417 | | 2.70 | <0.05 | <0.05 | <0.05 | <0.001 | 27.88 | 2581 | <0.01 | <0.01 | | <0.2 | 0.31 | <2 | <10 | 50 |
| M171418 | | 2.02 | <0.05 | <0.05 | <0.05 | <0.001 | 19.94 | 1797.0 | 0.01 | <0.01 | | 0.2 | 0.16 | 2 | <10 | 30 |
| M171419 | | 2.50 | <0.05 | <0.05 | <0.05 | <0.001 | 32.41 | 2370 | <0.01 | <0.01 | | 0.2 | 0.21 | 4 | <10 | 30 |
| M171420 | | 2.62 | <0.05 | <0.05 | <0.05 | <0.001 | 31.05 | 2485 | 0.01 | <0.01 | | <0.2 | 0.15 | 2 | <10 | 20 |
| M171421 | | 3.20 | <0.05 | <0.05 | <0.05 | <0.001 | 36.26 | 3044 | 0.03 | 0.02 | | <0.2 | 0.32 | <2 | <10 | 130 |
| M171422 | | 3.50 | 0.08 | 0.40 | 0.08 | 0.013 | 32.59 | 3369 | 0.03 | 0.12 | | <0.2 | 0.21 | 2 | <10 | 70 |
| M171423 | | 2.48 | <0.05 | <0.05 | <0.05 | <0.001 | 16.51 | 2405 | <0.01 | <0.01 | | <0.2 | 0.26 | <2 | <10 | 40 |
| M171424 | | 2.20 | <0.05 | <0.05 | <0.05 | <0.001 | 29.91 | 2111 | 0.01 | 0.01 | | <0.2 | 0.16 | <2 | <10 | 50 |

Comments: NSS is non-sufficient sample.



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Page #: 3 - A
Total # of pages : 4 (A - C)
Date : 15-Oct-2003
Account: NJY

Project : Z-03-17

CERTIFICATE OF ANALYSIS VA03039504

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | Au-AA25D Au Check ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|-------------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M171425 | | 2.84 | 0.06 | 1.31 | 0.05 | 0.042 | 32.10 | 2732 | 0.03 | 0.07 | | <0.2 | 0.23 | <2 | <10 | 70 |
| M171426 | | 2.76 | <0.05 | <0.05 | <0.05 | <0.001 | 21.96 | 2648 | <0.01 | <0.01 | | <0.2 | 0.23 | <2 | <10 | 30 |
| M171427 | | 1.42 | <0.05 | <0.05 | <0.05 | <0.001 | 17.05 | 1289.0 | <0.01 | <0.01 | | <0.2 | 0.28 | <2 | <10 | 100 |
| M171428 | | 2.38 | <0.05 | <0.05 | <0.05 | <0.001 | 17.74 | 2282 | <0.01 | <0.01 | | <0.2 | 0.28 | <2 | <10 | 50 |
| M171429 | | 2.26 | <0.05 | <0.05 | <0.05 | <0.001 | 19.12 | 2171 | <0.01 | <0.01 | | <0.2 | 0.17 | <2 | <10 | 30 |
| M171430 | | 2.72 | <0.05 | <0.05 | <0.05 | <0.001 | 27.90 | 2592 | 0.01 | <0.01 | | <0.2 | 0.35 | 2 | <10 | 50 |
| M171431 | | 2.18 | 0.10 | <0.05 | 0.11 | <0.001 | 27.83 | 2067 | 0.18 | 0.03 | | <0.2 | 0.15 | <2 | <10 | 340 |
| M171432 | | 2.32 | <0.05 | <0.05 | <0.05 | <0.001 | 21.44 | 2210 | <0.01 | <0.01 | | <0.2 | 0.24 | 2 | <10 | 40 |
| M171433 | | 2.72 | <0.05 | 0.14 | <0.05 | 0.004 | 28.70 | 2593 | <0.01 | <0.01 | | <0.2 | 0.21 | <2 | <10 | 30 |
| M171434 | | 2.98 | <0.05 | <0.05 | <0.05 | <0.001 | 25.73 | 2848 | <0.01 | <0.01 | | <0.2 | 0.31 | <2 | <10 | 60 |
| M171435 | | 2.20 | <0.05 | <0.05 | <0.05 | <0.001 | 28.77 | 2090 | <0.01 | <0.01 | | <0.2 | 0.28 | <2 | <10 | 50 |
| M171436 | | 2.28 | <0.05 | <0.05 | <0.05 | <0.001 | 23.67 | 2183 | <0.01 | <0.01 | | <0.2 | 0.27 | <2 | <10 | 50 |
| M171437 | | 2.54 | <0.05 | 1.34 | <0.05 | 0.030 | 22.37 | 2415 | 0.01 | <0.01 | | <0.2 | 0.21 | <2 | <10 | 60 |
| M171438 | | 2.50 | <0.05 | <0.05 | <0.05 | <0.001 | 22.89 | 2401 | <0.01 | <0.01 | | <0.2 | 0.15 | <2 | <10 | 30 |
| M171439 | | 2.92 | <0.05 | <0.05 | <0.05 | <0.001 | 24.08 | 2784 | <0.01 | 0.01 | | <0.2 | 0.16 | <2 | <10 | 30 |
| M171440 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 0.73 | 0.67 | | 2.3 | 2.17 | 5 | 10 | 40 |
| M171441 | | 2.24 | <0.05 | 1.67 | <0.05 | 0.005 | 2.99 | 2172 | <0.01 | 0.03 | | <0.2 | 0.19 | <2 | <10 | 40 |
| M171442 | | 2.90 | <0.05 | <0.05 | <0.05 | <0.001 | 10.98 | 2794 | 0.01 | 0.01 | | <0.2 | 0.26 | <2 | <10 | 80 |
| M171443 | | 2.26 | 0.08 | 2.43 | 0.08 | 0.010 | 4.11 | 2168 | 0.11 | 0.05 | | <0.2 | 0.32 | <2 | <10 | 160 |
| M171444 | | 2.78 | 0.14 | 0.25 | 0.14 | 0.005 | 19.68 | 2659 | 0.22 | 0.05 | | <0.2 | 0.25 | 2 | <10 | 60 |
| M171445 | | 2.60 | <0.05 | 0.64 | <0.05 | 0.006 | 9.31 | 2491 | 0.01 | 0.02 | | <0.2 | 0.26 | 3 | <10 | 130 |
| M171446 | | 2.32 | <0.05 | <0.05 | <0.05 | <0.001 | 9.77 | 2217 | 0.03 | 0.03 | | <0.2 | 0.29 | 4 | <10 | 40 |
| M171447 | | 2.40 | 0.28 | 20.5 | 0.19 | 0.209 | 10.21 | 2294 | 0.23 | 0.15 | | <0.2 | 0.24 | <2 | <10 | 50 |
| M171448 | | 1.94 | <0.05 | 0.67 | <0.05 | 0.004 | 5.93 | 1849.0 | 0.02 | 0.03 | | <0.2 | 0.26 | 2 | <10 | 150 |
| M171449 | | 2.48 | <0.05 | 5.39 | <0.05 | 0.032 | 6.04 | 2385 | 0.01 | 0.01 | | <0.2 | 0.24 | <2 | <10 | 220 |
| M171450 | | 1.22 | <0.05 | 1.79 | <0.05 | 0.007 | 3.91 | 756.7 | 0.01 | <0.01 | | <0.2 | 0.15 | 5 | <10 | 10 |
| M171451 | | 1.24 | <0.05 | 2.53 | <0.05 | 0.006 | 2.37 | 1183.0 | <0.01 | 0.07 | | <0.2 | 0.17 | 2 | <10 | 20 |
| M171452 | | 1.38 | 0.16 | 25.7 | 0.05 | 0.138 | 5.36 | 1302.5 | 0.05 | 0.05 | | <0.2 | 0.17 | 2 | <10 | 20 |
| M171453 | | 1.36 | <0.05 | <0.05 | <0.05 | <0.001 | 3.38 | 1301.0 | 0.01 | <0.01 | | <0.2 | 0.21 | 2 | <10 | 30 |
| M171454 | | 1.26 | <0.05 | <0.05 | <0.05 | <0.001 | 4.81 | 883.2 | <0.01 | <0.01 | | <0.2 | 0.15 | <2 | <10 | 20 |
| M171455 | | 1.08 | <0.05 | <0.05 | 0.05 | <0.001 | 2.23 | 991.7 | 0.06 | 0.03 | | <0.2 | 0.20 | <2 | <10 | 30 |
| M171456 | | 1.12 | <0.05 | <0.05 | <0.05 | <0.001 | 4.33 | 927.4 | <0.01 | <0.01 | | <0.2 | 0.15 | <2 | <10 | 30 |
| M171457 | | 1.44 | <0.05 | <0.05 | <0.05 | <0.001 | 3.88 | 1104.5 | <0.01 | 0.01 | | <0.2 | 0.21 | <2 | <10 | 40 |
| M171458 | | 1.42 | 0.06 | <0.05 | 0.07 | <0.001 | 6.30 | 1128.5 | 0.13 | <0.01 | | <0.2 | 0.18 | 3 | <10 | 30 |
| M171459 | | 1.16 | <0.05 | <0.05 | <0.05 | <0.001 | 1.92 | 1109.5 | 0.01 | <0.01 | | <0.2 | 0.15 | <2 | <10 | 20 |
| M171460 | | 2.56 | <0.05 | <0.05 | <0.05 | <0.001 | 9.45 | 2289 | <0.01 | <0.01 | | <0.2 | 0.27 | <2 | <10 | 270 |
| M171461 | | 1.00 | <0.05 | <0.05 | <0.05 | <0.001 | 5.82 | 732.5 | <0.01 | <0.01 | | <0.2 | 0.34 | <2 | <10 | 90 |
| M171462 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 10.85 | 11.20 | | 21.7 | 1.80 | 20 | <10 | 90 |
| M171463 | | 1.38 | <0.05 | <0.05 | <0.05 | <0.001 | 4.22 | 1228.5 | 0.01 | 0.04 | | <0.2 | 0.33 | <2 | <10 | 80 |
| M171464 | | 1.56 | 0.47 | 4.30 | 0.44 | 0.040 | 9.31 | 1102.5 | 0.51 | 0.37 | | 0.2 | 0.25 | 4 | <10 | 50 |

Comments: NSS is non-sufficient sample.



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104-135 10TH AVE S
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Date : 15-Oct-2003
Account: NJY

Project : Z-03-17

CERTIFICATE OF ANALYSIS VA03039504

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | Au-AA25D Au Check ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|-------------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M171465 | | 0.94 | 0.26 | 21.5 | 0.21 | 0.039 | 1.81 | 875.2 | 0.40 | 0.08 | 0.16 | <0.2 | 0.20 | <2 | <10 | 50 |
| M171466 | | 1.44 | <0.05 | <0.05 | <0.05 | <0.001 | 14.77 | 1101.5 | 0.03 | 0.02 | | <0.2 | 0.23 | <2 | <10 | 40 |
| M171467 | | 1.34 | <0.05 | <0.05 | <0.05 | <0.001 | 15.51 | 1263.5 | <0.01 | <0.01 | | <0.2 | 0.18 | <2 | <10 | 130 |
| M171468 | | 1.32 | <0.05 | 1.69 | <0.05 | 0.031 | 18.33 | 1153.0 | <0.01 | 0.01 | | <0.2 | 0.28 | <2 | <10 | 130 |
| M171469 | | 1.60 | <0.05 | <0.05 | <0.05 | <0.001 | 27.91 | 1488.5 | <0.01 | <0.01 | | <0.2 | 0.28 | 3 | <10 | 150 |
| M171470 | | 2.44 | <0.05 | <0.05 | <0.05 | <0.001 | 10.35 | 2359 | <0.01 | <0.01 | | <0.2 | 0.16 | <2 | <10 | 50 |
| M171471 | | 1.38 | <0.05 | <0.05 | <0.05 | <0.001 | 13.28 | 1227.5 | <0.01 | <0.01 | | <0.2 | 0.15 | <2 | <10 | 20 |
| M171472 | | 1.34 | <0.05 | <0.05 | <0.05 | <0.001 | 5.72 | 1272.5 | <0.01 | 0.01 | | <0.2 | 0.13 | <2 | <10 | 20 |
| M171473 | | 1.66 | <0.05 | 0.24 | <0.05 | 0.005 | 21.25 | 1544.0 | <0.01 | <0.01 | | 0.2 | 0.21 | <2 | <10 | 40 |
| M171474 | | 1.36 | 0.05 | <0.05 | 0.06 | <0.001 | 6.64 | 1254.0 | 0.06 | 0.05 | | 1.3 | 0.26 | 8 | <10 | 80 |
| M171475 | | 1.34 | 0.17 | <0.05 | 0.17 | <0.001 | 14.15 | 1219.0 | 0.21 | 0.13 | | <0.2 | 0.17 | 2 | <10 | 40 |
| M171476 | | 1.36 | <0.05 | <0.05 | <0.05 | <0.001 | 6.57 | 1273.5 | <0.01 | <0.01 | | <0.2 | 0.21 | 2 | <10 | 40 |
| M171477 | | 1.20 | <0.05 | <0.05 | <0.05 | <0.001 | 13.69 | 1078.0 | 0.02 | <0.01 | | 0.2 | 0.25 | <2 | <10 | 40 |
| M171478 | | 0.78 | <0.05 | <0.05 | <0.05 | <0.001 | 3.40 | 701.8 | <0.01 | <0.01 | | 0.2 | 0.16 | 2 | <10 | 20 |
| M171479 | | 0.90 | <0.05 | <0.05 | <0.05 | <0.001 | 3.33 | 768.8 | <0.01 | <0.01 | | <0.2 | 0.21 | 2 | <10 | 30 |
| M171480 | | 1.92 | <0.05 | <0.05 | <0.05 | <0.001 | 19.85 | 1835.5 | <0.01 | <0.01 | | 0.2 | 0.15 | 8 | <10 | 30 |
| M171481 | | 1.20 | <0.05 | <0.05 | <0.05 | <0.001 | 5.69 | 1124.5 | 0.03 | 0.04 | | <0.2 | 0.18 | 22 | <10 | 20 |
| M171482 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 3.12 | 2.91 | | <0.2 | 0.83 | 2350 | 10 | 170 |
| M171483 | | 1.20 | <0.05 | <0.05 | <0.05 | <0.001 | 8.84 | 1129.0 | 0.01 | <0.01 | | <0.2 | 0.22 | 8 | <10 | 50 |
| M171484 | | 2.82 | <0.05 | 0.22 | <0.05 | 0.008 | 36.82 | 2674 | <0.01 | <0.01 | | <0.2 | 0.24 | <2 | <10 | 190 |

Comments: NSS is non-sufficient sample.



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Page #: 2 - B
Total # of pages : 4 (A - C)
Date : 15-Oct-2003
Account: NJY

Project : Z-03-17

CERTIFICATE OF ANALYSIS VA03039504

| Sample Description | Method Analyte Units LOR | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 |
|--------------------|-----------------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|
| M171385 | | <0.5 | <2 | 1.01 | 3.9 | 21 | 25 | 172 | 3.68 | 10 | <1 | 0.28 | 10 | 0.89 | 756 | 30 |
| M171386 | | <0.5 | <2 | 0.50 | <0.5 | 2 | 128 | 11 | 0.54 | <10 | <1 | 0.16 | 20 | 0.25 | 64 | 1 |
| M171387 | | <0.5 | <2 | 0.28 | <0.5 | 5 | 122 | 39 | 0.96 | <10 | <1 | 0.16 | 30 | 0.15 | 76 | <1 |
| M171388 | | <0.5 | <2 | 0.25 | <0.5 | 2 | 108 | 3 | 0.51 | <10 | <1 | 0.16 | 30 | 0.16 | 54 | <1 |
| M171389 | | <0.5 | <2 | 0.33 | <0.5 | 2 | 184 | 7 | 0.49 | <10 | <1 | 0.12 | 10 | 0.19 | 53 | <1 |
| M171390 | | <0.5 | <2 | 0.19 | <0.5 | 3 | 87 | 4 | 0.96 | <10 | <1 | 0.19 | 30 | 0.14 | 57 | <1 |
| M171391 | | <0.5 | <2 | 0.12 | <0.5 | 2 | 156 | 2 | 0.73 | <10 | <1 | 0.12 | 30 | 0.07 | 33 | <1 |
| M171392 | | <0.5 | <2 | 0.26 | <0.5 | 1 | 158 | 4 | 0.56 | <10 | <1 | 0.09 | 20 | 0.15 | 29 | <1 |
| M171393 | | <0.5 | <2 | 0.06 | <0.5 | 2 | 124 | 6 | 0.69 | <10 | <1 | 0.11 | 30 | 0.14 | 38 | 1 |
| M171394 | | <0.5 | <2 | 0.07 | <0.5 | 1 | 148 | 4 | 0.50 | <10 | <1 | 0.09 | 30 | 0.09 | 27 | <1 |
| M171395 | | <0.5 | <2 | 0.15 | <0.5 | 2 | 160 | 3 | 0.61 | <10 | <1 | 0.08 | 20 | 0.07 | 37 | <1 |
| M171396 | | <0.5 | <2 | 0.02 | <0.5 | 2 | 149 | 2 | 0.76 | <10 | <1 | 0.11 | 30 | 0.04 | 31 | <1 |
| M171397 | | <0.5 | <2 | 0.19 | <0.5 | 5 | 153 | 5 | 1.21 | <10 | <1 | 0.14 | 30 | 0.13 | 32 | <1 |
| M171398 | | <0.5 | <2 | 0.30 | <0.5 | 2 | 132 | 3 | 1.01 | <10 | <1 | 0.12 | 30 | 0.16 | 55 | <1 |
| M171399 | | 0.6 | <2 | 0.10 | <0.5 | 4 | 116 | 5 | 1.18 | <10 | <1 | 0.11 | 30 | 0.28 | 43 | <1 |
| M171400 | | <0.5 | <2 | 0.06 | <0.5 | 6 | 116 | 3 | 0.99 | <10 | <1 | 0.14 | 40 | 0.12 | 39 | <1 |
| M171401 | | <0.5 | <2 | 0.10 | <0.5 | 8 | 136 | 3 | 1.56 | <10 | <1 | 0.16 | 30 | 0.21 | 48 | <1 |
| M171402 | | <0.5 | <2 | 0.10 | <0.5 | 3 | 128 | 2 | 1.16 | <10 | <1 | 0.12 | 30 | 0.17 | 34 | <1 |
| M171403 | | <0.5 | <2 | 0.11 | <0.5 | 3 | 131 | 3 | 0.99 | <10 | <1 | 0.13 | 30 | 0.12 | 28 | <1 |
| M171404 | | <0.5 | <2 | 0.09 | <0.5 | 4 | 153 | 4 | 1.04 | <10 | <1 | 0.11 | 30 | 0.12 | 36 | <1 |
| M171405 | | <0.5 | <2 | 0.09 | <0.5 | 4 | 188 | 7 | 0.99 | <10 | <1 | 0.12 | 30 | 0.27 | 21 | <1 |
| M171406 | | <0.5 | <2 | 0.14 | <0.5 | 2 | 152 | 7 | 0.92 | <10 | <1 | 0.08 | 30 | 0.13 | 21 | <1 |
| M171407 | | <0.5 | <2 | 0.19 | <0.5 | 8 | 86 | 5 | 1.58 | <10 | <1 | 0.15 | 40 | 0.87 | 112 | <1 |
| M171408 | | <0.5 | <2 | 0.12 | <0.5 | 4 | 170 | 3 | 1.20 | <10 | <1 | 0.16 | 30 | 0.32 | 36 | <1 |
| M171409 | | <0.5 | <2 | 0.09 | <0.5 | 5 | 156 | 4 | 1.29 | <10 | <1 | 0.17 | 40 | 0.56 | 35 | <1 |
| M171410 | | 1.2 | <2 | 0.02 | <0.5 | 1 | 42 | 36 | 2.97 | <10 | <1 | 0.35 | 40 | 0.04 | 45 | 3 |
| M171411 | | <0.5 | <2 | 0.12 | <0.5 | 5 | 148 | 4 | 1.28 | <10 | <1 | 0.17 | 30 | 0.47 | 42 | <1 |
| M171412 | | <0.5 | <2 | 0.10 | <0.5 | 5 | 146 | 3 | 1.28 | <10 | <1 | 0.19 | 40 | 0.36 | 31 | <1 |
| M171413 | | <0.5 | <2 | 0.12 | <0.5 | 3 | 166 | 3 | 0.90 | <10 | <1 | 0.11 | 30 | 0.12 | 32 | <1 |
| M171414 | | <0.5 | <2 | 0.11 | <0.5 | 3 | 147 | 3 | 1.18 | <10 | <1 | 0.16 | 40 | 0.11 | 30 | <1 |
| M171415 | | <0.5 | <2 | 0.11 | <0.5 | 4 | 128 | 3 | 1.16 | <10 | <1 | 0.12 | 30 | 0.22 | 37 | <1 |
| M171416 | | <0.5 | <2 | 0.08 | <0.5 | 3 | 166 | 6 | 0.94 | <10 | <1 | 0.12 | 30 | 0.11 | 42 | <1 |
| M171417 | | <0.5 | <2 | 0.08 | <0.5 | 3 | 75 | 3 | 1.04 | <10 | <1 | 0.19 | 40 | 0.08 | 25 | <1 |
| M171418 | | <0.5 | <2 | 0.22 | <0.5 | 2 | 194 | 6 | 0.55 | <10 | <1 | 0.07 | 20 | 0.11 | 35 | 1 |
| M171419 | | <0.5 | <2 | 0.11 | <0.5 | 2 | 110 | 10 | 0.71 | <10 | <1 | 0.13 | 40 | 0.13 | 35 | 1 |
| M171420 | | <0.5 | <2 | 0.03 | <0.5 | 2 | 162 | 9 | 0.68 | <10 | <1 | 0.07 | 20 | 0.03 | 29 | 1 |
| M171421 | | 0.5 | <2 | 0.12 | <0.5 | 6 | 88 | 7 | 1.40 | <10 | <1 | 0.20 | 40 | 0.15 | 53 | <1 |
| M171422 | | <0.5 | <2 | 0.12 | <0.5 | 3 | 134 | 8 | 0.86 | <10 | <1 | 0.13 | 30 | 0.13 | 54 | <1 |
| M171423 | | <0.5 | <2 | 0.09 | <0.5 | 2 | 148 | 5 | 0.69 | <10 | <1 | 0.16 | 30 | 0.10 | 34 | <1 |
| M171424 | | <0.5 | <2 | 0.18 | <0.5 | 2 | 111 | 4 | 0.63 | <10 | <1 | 0.10 | 20 | 0.29 | 38 | <1 |

Comments: NSS is non-sufficient sample.



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 Total # of pages : 4 (A - C)
 Date : 15-Oct-2003
 Account: NJY

Project : Z-03-17

CERTIFICATE OF ANALYSIS VA03039504

| Method Analyte Units LOR | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 |
|-----------------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|
| Sample Description | | | | | | | | | | | | | | | |
| M171425 | <0.5 | <2 | 0.47 | <0.5 | 3 | 152 | 3 | 0.74 | <10 | <1 | 0.14 | 20 | 0.42 | 41 | <1 |
| M171426 | <0.5 | <2 | 0.10 | <0.5 | 3 | 170 | 3 | 0.70 | <10 | <1 | 0.13 | 30 | 0.28 | 34 | <1 |
| M171427 | <0.5 | <2 | 0.17 | <0.5 | 3 | 238 | 4 | 0.89 | <10 | <1 | 0.18 | 30 | 0.21 | 53 | 1 |
| M171428 | <0.5 | <2 | 0.06 | <0.5 | 3 | 160 | 3 | 0.79 | <10 | <1 | 0.17 | 30 | 0.18 | 29 | <1 |
| M171429 | <0.5 | <2 | 0.06 | <0.5 | 2 | 138 | 2 | 0.69 | <10 | <1 | 0.09 | 20 | 0.15 | 30 | <1 |
| M171430 | <0.5 | <2 | 0.06 | <0.5 | 4 | 172 | 3 | 0.94 | <10 | <1 | 0.21 | 40 | 0.07 | 32 | <1 |
| M171431 | <0.5 | <2 | 0.13 | <0.5 | 2 | 114 | 4 | 0.74 | <10 | <1 | 0.08 | 20 | 0.08 | 55 | <1 |
| M171432 | <0.5 | <2 | 0.03 | <0.5 | 2 | 265 | 6 | 0.89 | <10 | <1 | 0.12 | 30 | 0.05 | 46 | 1 |
| M171433 | <0.5 | <2 | 0.02 | <0.5 | 3 | 156 | 3 | 0.96 | <10 | <1 | 0.10 | 30 | 0.04 | 42 | <1 |
| M171434 | <0.5 | <2 | 0.06 | <0.5 | 4 | 136 | 3 | 1.00 | <10 | <1 | 0.18 | 30 | 0.07 | 37 | <1 |
| M171435 | <0.5 | <2 | 0.04 | <0.5 | 3 | 118 | 3 | 0.91 | <10 | <1 | 0.15 | 30 | 0.04 | 41 | <1 |
| M171436 | <0.5 | <2 | 0.03 | <0.5 | 3 | 196 | 3 | 0.95 | <10 | <1 | 0.15 | 30 | 0.04 | 33 | 1 |
| M171437 | <0.5 | <2 | 0.06 | <0.5 | 2 | 136 | 3 | 0.61 | <10 | <1 | 0.12 | 30 | 0.05 | 28 | <1 |
| M171438 | <0.5 | <2 | 0.08 | <0.5 | 2 | 222 | 3 | 0.64 | <10 | <1 | 0.07 | 20 | 0.07 | 29 | <1 |
| M171439 | <0.5 | <2 | 0.08 | <0.5 | 2 | 150 | 3 | 0.63 | <10 | <1 | 0.08 | 20 | 0.05 | 25 | <1 |
| M171440 | 0.6 | 3 | 1.16 | <0.5 | 18 | 13 | 6760 | 4.95 | 10 | <1 | 0.26 | 10 | 1.91 | 812 | 4 |
| M171441 | <0.5 | <2 | 0.07 | <0.5 | 2 | 182 | 8 | 0.81 | <10 | <1 | 0.10 | 30 | 0.10 | 34 | <1 |
| M171442 | <0.5 | <2 | 0.13 | <0.5 | 4 | 120 | 3 | 1.02 | <10 | <1 | 0.15 | 30 | 0.15 | 41 | 1 |
| M171443 | <0.5 | <2 | 0.09 | <0.5 | 5 | 114 | 3 | 1.22 | <10 | <1 | 0.18 | 30 | 0.08 | 63 | <1 |
| M171444 | <0.5 | <2 | 0.03 | <0.5 | 5 | 144 | 3 | 1.28 | <10 | <1 | 0.15 | 30 | 0.03 | 75 | <1 |
| M171445 | <0.5 | <2 | 0.08 | <0.5 | 6 | 151 | 3 | 1.52 | <10 | <1 | 0.16 | 20 | 0.07 | 67 | <1 |
| M171446 | 0.5 | <2 | 0.03 | <0.5 | 5 | 118 | 3 | 1.10 | <10 | <1 | 0.17 | 50 | 0.04 | 74 | <1 |
| M171447 | <0.5 | <2 | 0.06 | <0.5 | 5 | 150 | 4 | 1.06 | <10 | <1 | 0.14 | 30 | 0.05 | 63 | <1 |
| M171448 | <0.5 | <2 | 0.12 | <0.5 | 3 | 137 | 3 | 0.92 | <10 | <1 | 0.16 | 40 | 0.09 | 61 | <1 |
| M171449 | <0.5 | <2 | 0.12 | <0.5 | 4 | 132 | 8 | 1.16 | <10 | <1 | 0.14 | 30 | 0.08 | 77 | 1 |
| M171450 | <0.5 | <2 | 0.03 | <0.5 | 2 | 216 | 3 | 0.65 | <10 | <1 | 0.08 | 20 | 0.02 | 37 | <1 |
| M171451 | <0.5 | <2 | 0.02 | <0.5 | 1 | 193 | 3 | 0.60 | <10 | <1 | 0.09 | 20 | 0.02 | 28 | <1 |
| M171452 | <0.5 | <2 | 0.02 | <0.5 | 1 | 176 | 3 | 0.68 | <10 | <1 | 0.09 | 20 | 0.02 | 36 | <1 |
| M171453 | <0.5 | <2 | 0.02 | <0.5 | 2 | 152 | 2 | 0.63 | <10 | <1 | 0.12 | 30 | 0.02 | 40 | <1 |
| M171454 | <0.5 | <2 | 0.02 | <0.5 | 1 | 190 | 2 | 0.56 | <10 | <1 | 0.06 | 20 | 0.02 | 37 | <1 |
| M171455 | <0.5 | <2 | <0.01 | <0.5 | 6 | 216 | 7 | 1.54 | <10 | <1 | 0.13 | 20 | 0.03 | 169 | 1 |
| M171456 | <0.5 | <2 | 0.01 | <0.5 | 2 | 219 | 2 | 0.68 | <10 | <1 | 0.08 | 20 | 0.01 | 32 | <1 |
| M171457 | <0.5 | <2 | 0.02 | <0.5 | 9 | 182 | 6 | 2.11 | <10 | <1 | 0.14 | 40 | 0.04 | 143 | <1 |
| M171458 | <0.5 | <2 | 0.05 | <0.5 | 3 | 200 | 4 | 1.04 | <10 | <1 | 0.10 | 30 | 0.08 | 108 | <1 |
| M171459 | <0.5 | <2 | 0.04 | <0.5 | 3 | 198 | 3 | 1.25 | <10 | <1 | 0.07 | 20 | 0.05 | 54 | 1 |
| M171460 | <0.5 | <2 | 0.16 | <0.5 | 5 | 124 | 3 | 1.13 | <10 | <1 | 0.16 | 30 | 0.09 | 75 | <1 |
| M171461 | <0.5 | <2 | 0.09 | <0.5 | 5 | 152 | 3 | 1.37 | <10 | <1 | 0.16 | 30 | 0.07 | 89 | <1 |
| M171462 | <0.5 | <2 | 1.01 | 4.0 | 21 | 25 | 172 | 3.71 | 10 | <1 | 0.28 | 10 | 0.90 | 762 | 30 |
| M171463 | <0.5 | <2 | 0.04 | <0.5 | 5 | 125 | 4 | 1.30 | <10 | <1 | 0.12 | 20 | 0.06 | 156 | <1 |
| M171464 | <0.5 | <2 | 0.01 | 1.1 | 8 | 177 | 9 | 1.95 | <10 | <1 | 0.15 | 20 | 0.03 | 204 | <1 |

Comments: NSS is non-sufficient sample.



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Page #: 4 - B
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CERTIFICATE OF ANALYSIS VA03039504

| Sample Description | Method Analyte Units LOR | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 |
|--------------------|-----------------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|
| M171465 | | <0.5 | <2 | 0.06 | <0.5 | 5 | 296 | 4 | 1.34 | <10 | <1 | 0.14 | 10 | 0.02 | 365 | 1 |
| M171466 | | <0.5 | <2 | 0.17 | <0.5 | 4 | 203 | 4 | 1.26 | <10 | <1 | 0.15 | 10 | 0.08 | 242 | <1 |
| M171467 | | <0.5 | <2 | 0.15 | <0.5 | 4 | 309 | 1 | 1.41 | <10 | <1 | 0.11 | 10 | 0.07 | 276 | 1 |
| M171468 | | <0.5 | <2 | 0.15 | <0.5 | 5 | 212 | 4 | 1.52 | <10 | <1 | 0.15 | 20 | 0.08 | 453 | <1 |
| M171469 | | <0.5 | <2 | 0.42 | <0.5 | 6 | 196 | 3 | 2.01 | <10 | <1 | 0.17 | 30 | 0.24 | 561 | <1 |
| M171470 | | <0.5 | <2 | 0.06 | <0.5 | 2 | 159 | 2 | 0.59 | <10 | <1 | 0.10 | 30 | 0.07 | 25 | <1 |
| M171471 | | <0.5 | <2 | 0.08 | <0.5 | 2 | 179 | 6 | 0.55 | <10 | <1 | 0.08 | 20 | 0.04 | 29 | <1 |
| M171472 | | <0.5 | <2 | 0.02 | <0.5 | 1 | 198 | 10 | 0.54 | <10 | <1 | 0.05 | 10 | 0.02 | 22 | <1 |
| M171473 | | <0.5 | <2 | 0.03 | <0.5 | 2 | 178 | 8 | 0.56 | <10 | <1 | 0.09 | 20 | 0.04 | 29 | <1 |
| M171474 | | <0.5 | <2 | 0.02 | <0.5 | 6 | 150 | 20 | 1.90 | <10 | <1 | 0.13 | 20 | 0.03 | 57 | 1 |
| M171475 | | <0.5 | <2 | 0.02 | <0.5 | 3 | 172 | 10 | 0.80 | <10 | <1 | 0.06 | 10 | 0.03 | 27 | <1 |
| M171476 | | <0.5 | <2 | 0.01 | <0.5 | 3 | 203 | 17 | 0.77 | <10 | <1 | 0.08 | 20 | 0.03 | 50 | 1 |
| M171477 | | <0.5 | <2 | 0.01 | <0.5 | 3 | 164 | 10 | 0.70 | <10 | <1 | 0.11 | 30 | 0.03 | 28 | <1 |
| M171478 | | <0.5 | <2 | 0.37 | <0.5 | 2 | 260 | 8 | 0.85 | <10 | <1 | 0.08 | 20 | 0.17 | 32 | 1 |
| M171479 | | <0.5 | <2 | 0.51 | <0.5 | 5 | 164 | 8 | 0.97 | <10 | <1 | 0.13 | 20 | 0.37 | 35 | <1 |
| M171480 | | <0.5 | <2 | 0.14 | <0.5 | 1 | 157 | 10 | 0.64 | <10 | <1 | 0.06 | 20 | 0.08 | 19 | <1 |
| M171481 | | <0.5 | <2 | 0.10 | <0.5 | 2 | 187 | 12 | 0.85 | <10 | <1 | 0.09 | 20 | 0.06 | 19 | 1 |
| M171482 | | 1.2 | <2 | 0.02 | <0.5 | 1 | 41 | 35 | 2.81 | <10 | <1 | 0.32 | 40 | 0.03 | 43 | 3 |
| M171483 | | <0.5 | <2 | 0.23 | <0.5 | 3 | 157 | 7 | 0.81 | <10 | <1 | 0.11 | 20 | 0.14 | 32 | 1 |
| M171484 | | <0.5 | <2 | 0.09 | <0.5 | 4 | 137 | 3 | 1.17 | <10 | <1 | 0.15 | 30 | 0.26 | 54 | <1 |

Comments: NSS is non-sufficient sample.



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 Total # of pages : 4 (A - C)
 Date : 15-Oct-2003
 Account: NJY

Project : Z-03-17

CERTIFICATE OF ANALYSIS VA03039504

| Sample Description | Method Analyte Units LOR | ME-ICP41 Na % | ME-ICP41 Ni ppm | ME-ICP41 P ppm | ME-ICP41 Pb ppm | ME-ICP41 S % | ME-ICP41 Sb ppm | ME-ICP41 Sc ppm | ME-ICP41 Sr ppm | ME-ICP41 Ti % | ME-ICP41 Ti ppm | ME-ICP41 U ppm | ME-ICP41 V ppm | ME-ICP41 W ppm | ME-ICP41 Zn ppm |
|--------------------|-----------------------------------|---------------------|-----------------------|----------------------|-----------------------|--------------------|-----------------------|-----------------------|-----------------------|---------------------|-----------------------|----------------------|----------------------|----------------------|-----------------------|
| M171385 | | 0.04 | 16 | 590 | 35 | 1.20 | <2 | 8 | 50 | 0.08 | <10 | <10 | 76 | <10 | 108 |
| M171386 | | 0.01 | 12 | 160 | <2 | 0.02 | <2 | 1 | 9 | <0.01 | <10 | <10 | 1 | <10 | 3 |
| M171387 | | 0.01 | 44 | 140 | <2 | 0.05 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 7 |
| M171388 | | <0.01 | 6 | 110 | <2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 1 | <10 | 5 |
| M171389 | | <0.01 | 6 | 30 | <2 | <0.01 | <2 | <1 | 4 | <0.01 | <10 | <10 | 1 | <10 | 5 |
| M171390 | | <0.01 | 7 | 160 | <2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 9 |
| M171391 | | 0.02 | 3 | 100 | <2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 5 |
| M171392 | | 0.02 | 3 | 70 | <2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 1 | <10 | 3 |
| M171393 | | 0.01 | 4 | 70 | 7 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 12 |
| M171394 | | 0.03 | 2 | 60 | <2 | 0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| M171395 | | 0.03 | 4 | 60 | <2 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| M171396 | | 0.02 | 4 | 90 | <2 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 6 |
| M171397 | | 0.01 | 7 | 110 | <2 | <0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 3 | <10 | 12 |
| M171398 | | 0.03 | 5 | 100 | <2 | <0.01 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 6 |
| M171399 | | 0.01 | 7 | 130 | <2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 10 |
| M171400 | | 0.01 | 8 | 130 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 13 |
| M171401 | | 0.01 | 10 | 200 | <2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 3 | <10 | 23 |
| M171402 | | 0.02 | 5 | 140 | <2 | <0.01 | <2 | 1 | 4 | 0.01 | <10 | <10 | 3 | <10 | 7 |
| M171403 | | 0.02 | 4 | 140 | <2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 3 | <10 | 6 |
| M171404 | | 0.02 | 6 | 150 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 9 |
| M171405 | | 0.02 | 6 | 70 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 14 |
| M171406 | | 0.03 | 4 | 90 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 5 |
| M171407 | | 0.01 | 11 | 110 | <2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 23 |
| M171408 | | 0.03 | 8 | 160 | 2 | <0.01 | <2 | 1 | 5 | 0.01 | <10 | <10 | 3 | <10 | 10 |
| M171409 | | 0.03 | 9 | 160 | <2 | <0.01 | <2 | 1 | 3 | 0.01 | <10 | <10 | 4 | <10 | 14 |
| M171410 | | 0.01 | 6 | 300 | 34 | 0.02 | 72 | 8 | 104 | <0.01 | <10 | <10 | 13 | <10 | 15 |
| M171411 | | 0.03 | 8 | 140 | <2 | <0.01 | <2 | 1 | 4 | 0.01 | <10 | <10 | 4 | <10 | 11 |
| M171412 | | 0.02 | 9 | 200 | 2 | <0.01 | <2 | 1 | 3 | 0.01 | <10 | <10 | 4 | <10 | 12 |
| M171413 | | 0.03 | 5 | 100 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 5 |
| M171414 | | 0.03 | 6 | 90 | <2 | <0.01 | <2 | 1 | 3 | 0.01 | <10 | <10 | 4 | <10 | 7 |
| M171415 | | 0.02 | 7 | 90 | <2 | <0.01 | <2 | 1 | 4 | 0.01 | <10 | <10 | 3 | <10 | 9 |
| M171416 | | 0.02 | 6 | 90 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 8 |
| M171417 | | 0.02 | 6 | 180 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 4 | <10 | 10 |
| M171418 | | 0.04 | 3 | 60 | 6 | 0.02 | <2 | 1 | 5 | <0.01 | <10 | <10 | 1 | <10 | 3 |
| M171419 | | 0.03 | 4 | 80 | 12 | 0.04 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 15 |
| M171420 | | 0.03 | 3 | 60 | 3 | 0.02 | <2 | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 9 |
| M171421 | | 0.01 | 8 | 210 | <2 | <0.01 | <2 | 1 | 7 | <0.01 | <10 | <10 | 4 | <10 | 19 |
| M171422 | | 0.02 | 4 | 140 | <2 | 0.02 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 14 |
| M171423 | | 0.03 | 2 | 90 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 10 |
| M171424 | | 0.02 | 3 | 80 | <2 | <0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 1 | <10 | 12 |

Comments: NSS is non-sufficient sample.



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Page #: 3 - C
Total # of pages : 4 (A - C)
Date : 15-Oct-2003
Account: NJY

Project : Z-03-17

CERTIFICATE OF ANALYSIS VA03039504

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|-----------|----------|-----------|----------|-----------|-----------|-----------|----------|-----------|----------|----------|----------|-----------|
| | | Na % | Ni ppm | P ppm | Pb ppm | S % | Sb ppm | Sc ppm | Sr ppm | Ti % | Ti ppm | U ppm | V ppm | W ppm | Zn ppm |
| | | 0.01 | 1 | 10 | 2 | 0.01 | 2 | 1 | 1 | 0.01 | 10 | 10 | 1 | 10 | 2 |
| M171425 | | 0.03 | 3 | 80 | <2 | <0.01 | <2 | 1 | 14 | <0.01 | <10 | <10 | 1 | <10 | 17 |
| M171426 | | 0.03 | 3 | 70 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 10 |
| M171427 | | 0.02 | 6 | 110 | <2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 13 |
| M171428 | | 0.03 | 4 | 100 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 11 |
| M171429 | | 0.04 | 2 | 60 | <2 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 10 |
| M171430 | | 0.02 | 5 | 170 | <2 | <0.01 | 2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 13 |
| M171431 | | 0.02 | 2 | 80 | <2 | 0.01 | <2 | 1 | 11 | <0.01 | <10 | <10 | 1 | <10 | 10 |
| M171432 | | 0.03 | 4 | 70 | <2 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 10 |
| M171433 | | 0.03 | 4 | 90 | <2 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 13 |
| M171434 | | 0.03 | 6 | 120 | <2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 3 | <10 | 13 |
| M171435 | | 0.03 | 5 | 130 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 11 |
| M171436 | | 0.03 | 4 | 110 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 11 |
| M171437 | | 0.03 | 2 | 70 | <2 | 0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 6 |
| M171438 | | 0.04 | 3 | 60 | <2 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 7 |
| M171439 | | 0.03 | 2 | 50 | 2 | 0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 1 | <10 | 5 |
| M171440 | | 0.18 | 13 | 1930 | 4 | 0.10 | <2 | 14 | 87 | 0.26 | <10 | <10 | 240 | <10 | 47 |
| M171441 | | 0.04 | 4 | 80 | 6 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 10 |
| M171442 | | 0.02 | 6 | 130 | <2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 11 |
| M171443 | | 0.02 | 7 | 180 | <2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 13 |
| M171444 | | 0.01 | 8 | 200 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 14 |
| M171445 | | 0.02 | 8 | 240 | <2 | <0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 15 |
| M171446 | | 0.01 | 7 | 210 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 13 |
| M171447 | | 0.01 | 6 | 190 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 13 |
| M171448 | | 0.02 | 5 | 160 | <2 | <0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 10 |
| M171449 | | 0.02 | 5 | 130 | 3 | 0.01 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 22 |
| M171450 | | 0.03 | 3 | 70 | <2 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 7 |
| M171451 | | 0.03 | 3 | 70 | <2 | 0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| M171452 | | 0.03 | 3 | 80 | 2 | 0.02 | <2 | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 7 |
| M171453 | | 0.03 | 3 | 80 | <2 | 0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 7 |
| M171454 | | 0.04 | 3 | 60 | 2 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 5 |
| M171455 | | 0.01 | 6 | 60 | <2 | <0.01 | <2 | 1 | 1 | <0.01 | <10 | <10 | 1 | <10 | 28 |
| M171456 | | 0.04 | 3 | 50 | 2 | 0.02 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 5 |
| M171457 | | 0.01 | 8 | 80 | 2 | <0.01 | <2 | 2 | 2 | <0.01 | <10 | <10 | 1 | <10 | 33 |
| M171458 | | 0.03 | 4 | 60 | <2 | <0.01 | 2 | 1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 11 |
| M171459 | | 0.03 | 5 | 70 | 2 | 0.20 | 2 | 1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 10 |
| M171460 | | 0.02 | 6 | 180 | 3 | 0.01 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 13 |
| M171461 | | 0.03 | 8 | 190 | 6 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 21 |
| M171462 | | 0.04 | 17 | 610 | 36 | 1.22 | <2 | 8 | 49 | 0.07 | <10 | <10 | 75 | <10 | 108 |
| M171463 | | 0.02 | 6 | 200 | 4 | 0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 17 |
| M171464 | | 0.01 | 9 | 160 | 68 | 0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 58 |

Comments: NSS is non-sufficient sample.



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CERTIFICATE OF ANALYSIS VA03039504

| Sample Description | Method Analyte Units LOR | ME-ICP41 Na % | ME-ICP41 Ni ppm | ME-ICP41 P ppm | ME-ICP41 Pb ppm | ME-ICP41 S % | ME-ICP41 Sb ppm | ME-ICP41 Sc ppm | ME-ICP41 Sr ppm | ME-ICP41 Ti % | ME-ICP41 Ti ppm | ME-ICP41 U ppm | ME-ICP41 V ppm | ME-ICP41 W ppm | ME-ICP41 Zn ppm |
|--------------------|-----------------------------------|---------------------|-----------------------|----------------------|-----------------------|--------------------|-----------------------|-----------------------|-----------------------|---------------------|-----------------------|----------------------|----------------------|----------------------|-----------------------|
| | | 0.01 | 1 | 10 | 2 | 0.01 | 2 | 1 | 1 | 0.01 | 10 | 10 | 1 | 10 | 2 |
| M171465 | | 0.01 | 7 | 310 | 12 | 0.07 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 19 |
| M171466 | | 0.01 | 7 | 330 | <2 | 0.05 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 15 |
| M171467 | | 0.01 | 7 | 350 | <2 | 0.02 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 10 |
| M171468 | | 0.01 | 7 | 310 | 2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 25 |
| M171469 | | 0.01 | 8 | 440 | <2 | <0.01 | <2 | 1 | 11 | <0.01 | <10 | <10 | 4 | <10 | 17 |
| M171470 | | 0.03 | 4 | 70 | <2 | 0.03 | <2 | <1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 4 |
| M171471 | | 0.03 | 3 | 60 | 2 | 0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 5 |
| M171472 | | 0.04 | 3 | 50 | <2 | 0.05 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 3 |
| M171473 | | 0.03 | 3 | 60 | 8 | 0.03 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 2 |
| M171474 | | 0.02 | 7 | 110 | 72 | 0.09 | <2 | 2 | 3 | <0.01 | <10 | <10 | 2 | <10 | 12 |
| M171475 | | 0.03 | 4 | 60 | 3 | 0.12 | <2 | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 9 |
| M171476 | | 0.03 | 5 | 60 | 3 | 0.04 | 2 | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 5 |
| M171477 | | 0.02 | 4 | 70 | 2 | 0.03 | <2 | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| M171478 | | 0.04 | 4 | 130 | 3 | 0.31 | <2 | 1 | 14 | <0.01 | <10 | <10 | 1 | 280 | 4 |
| M171479 | | 0.03 | 7 | 90 | 3 | 0.27 | <2 | 1 | 22 | <0.01 | <10 | <10 | 2 | <10 | 10 |
| M171480 | | 0.04 | 3 | 90 | 7 | 0.23 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | 150 | 7 |
| M171481 | | 0.03 | 4 | 90 | 5 | 0.14 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | 140 | 5 |
| M171482 | | 0.01 | 6 | 250 | 30 | 0.02 | 93 | 8 | 86 | <0.01 | <10 | <10 | 12 | <10 | 15 |
| M171483 | | 0.04 | 5 | 80 | 3 | 0.23 | <2 | 1 | 9 | <0.01 | <10 | <10 | 2 | <10 | 7 |
| M171484 | | 0.02 | 7 | 200 | 3 | 0.03 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 11 |

Comments: NSS is non-sufficient sample.



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CERTIFICATE VA03040151

Project : Z-03-16/17

P.O. No:

This report is for 52 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 8-Oct-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-21 | Crush entire sample 70% < 6 mm |
| PUL-21 | Pulverize entire sample |
| LOG-24 | Pulp Login - Rcd w/o BarCode |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-SCRa | Au Screen FA - Over Wt. A | WST-SIM |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Project : Z-03-16/17

CERTIFICATE OF ANALYSIS VA03040151

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M171485 | | 2.08 | <0.05 | <0.05 | <0.05 | <0.001 | 15.46 | 1994.5 | <0.01 | <0.01 | <0.2 | 0.18 | 2 | <10 | 120 | <0.5 |
| M171486 | | 2.60 | <0.05 | <0.05 | <0.05 | <0.001 | 22.78 | 2481 | <0.01 | <0.01 | <0.2 | 0.18 | 3 | <10 | 280 | <0.5 |
| M171487 | | 2.16 | <0.05 | <0.05 | <0.05 | <0.001 | 14.18 | 2074 | 0.03 | <0.01 | <0.2 | 0.23 | 2 | <10 | 250 | <0.5 |
| M171488 | | 2.24 | <0.05 | <0.05 | <0.05 | <0.001 | 8.78 | 2178 | <0.01 | <0.01 | <0.2 | 0.16 | <2 | <10 | 70 | <0.5 |
| M171489 | | 2.18 | <0.05 | <0.05 | <0.05 | <0.001 | 24.96 | 2095 | <0.01 | <0.01 | <0.2 | 0.17 | 2 | <10 | 30 | <0.5 |
| M171490 | | 3.24 | <0.05 | 0.33 | <0.05 | 0.012 | 36.46 | 3130 | <0.01 | 0.01 | <0.2 | 0.16 | 3 | <10 | 20 | <0.5 |
| M171491 | | 2.92 | 0.07 | 0.75 | 0.06 | 0.032 | 42.78 | 2792 | 0.06 | 0.06 | <0.2 | 0.21 | 5 | <10 | 30 | <0.5 |
| M171492 | | 2.38 | 0.18 | 0.08 | 0.19 | 0.001 | 12.51 | 2327 | 0.22 | 0.15 | <0.2 | 0.22 | 2 | <10 | 50 | <0.5 |
| M171493 | | 2.70 | 0.87 | 3.27 | 0.84 | 0.120 | 36.72 | 2594 | 0.95 | 0.72 | 0.2 | 0.17 | <2 | <10 | 30 | <0.5 |
| M171494 | | 1.84 | 0.37 | 1.25 | 0.36 | 0.034 | 27.29 | 1576.0 | 0.29 | 0.42 | <0.2 | 0.24 | 2 | <10 | 30 | <0.5 |
| M171495 | | 3.60 | <0.05 | 0.59 | <0.05 | 0.030 | 50.43 | 3404 | 0.03 | 0.04 | <0.2 | 0.20 | 4 | <10 | 120 | <0.5 |
| M171496 | | 2.72 | <0.05 | 1.72 | <0.05 | 0.034 | 19.72 | 2637 | 0.01 | <0.01 | <0.2 | 0.21 | 2 | <10 | 140 | <0.5 |
| M171497 | | 2.56 | <0.05 | <0.05 | <0.05 | <0.001 | 23.16 | 2479 | <0.01 | <0.01 | <0.2 | 0.19 | 2 | <10 | 130 | <0.5 |
| M171498 | | 2.48 | <0.05 | <0.05 | <0.05 | <0.001 | 16.44 | 2411 | 0.03 | 0.01 | <0.2 | 0.19 | <2 | <10 | 90 | <0.5 |
| M171499 | | 2.84 | 0.49 | 2.26 | 0.46 | 0.103 | 45.50 | 2738 | 0.65 | 0.27 | <0.2 | 0.19 | <2 | <10 | 140 | <0.5 |
| M171500 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 0.76 | 0.71 | 2.4 | 2.02 | 4 | 10 | 40 | 0.5 |
| M171501 | | 3.02 | <0.05 | 0.18 | <0.05 | 0.007 | 39.25 | 2907 | 0.03 | 0.02 | <0.2 | 0.20 | <2 | <10 | 110 | <0.5 |
| M171502 | | 2.40 | <0.05 | 1.87 | <0.05 | 0.051 | 27.29 | 2305 | 0.03 | 0.01 | <0.2 | 0.17 | 3 | <10 | 70 | <0.5 |
| M171503 | | 2.68 | <0.05 | <0.05 | <0.05 | <0.001 | 19.99 | 2586 | 0.01 | <0.01 | 0.2 | 0.13 | 2 | <10 | 20 | <0.5 |
| M171504 | | 2.32 | <0.05 | <0.05 | <0.05 | <0.001 | 22.93 | 2239 | <0.01 | <0.01 | <0.2 | 0.18 | 2 | <10 | 40 | <0.5 |
| M171505 | | 2.24 | <0.05 | <0.05 | <0.05 | <0.001 | 35.06 | 2136 | 0.02 | <0.01 | <0.2 | 0.21 | 3 | <10 | 60 | <0.5 |
| M171506 | | 2.28 | <0.05 | <0.05 | <0.05 | <0.001 | 23.95 | 2211 | <0.01 | <0.01 | <0.2 | 0.22 | 3 | <10 | 90 | <0.5 |
| M171507 | | 0.08 | NSS | NSS | NSS | NSS | NSS | NSS | 3.09 | 3.08 | 0.4 | 0.74 | 2340 | 10 | 170 | 1.1 |
| M171508 | | 2.14 | <0.05 | <0.05 | <0.05 | <0.001 | 31.96 | 2056 | <0.01 | <0.01 | <0.2 | 0.24 | 6 | <10 | 250 | <0.5 |
| M171509 | | 2.36 | <0.05 | <0.05 | <0.05 | <0.001 | 35.34 | 2225 | <0.01 | <0.01 | <0.2 | 0.24 | 5 | <10 | 180 | <0.5 |
| M171510 | | 2.28 | <0.05 | <0.05 | <0.05 | <0.001 | 27.02 | 2380 | 0.01 | <0.01 | <0.2 | 0.20 | 4 | <10 | 70 | <0.5 |
| M171511 | | 3.14 | <0.05 | <0.05 | <0.05 | <0.001 | 33.28 | 3009 | <0.01 | <0.01 | <0.2 | 0.22 | 3 | <10 | 80 | <0.5 |
| M171512 | | 2.68 | <0.05 | <0.05 | <0.05 | <0.001 | 23.57 | 2600 | 0.01 | <0.01 | <0.2 | 0.25 | 4 | <10 | 170 | <0.5 |
| M171513 | | 1.74 | <0.05 | <0.05 | <0.05 | <0.001 | 37.22 | 1639.0 | <0.01 | <0.01 | <0.2 | 0.24 | 5 | <10 | 150 | <0.5 |
| M171514 | | 3.10 | <0.05 | <0.05 | <0.05 | <0.001 | 34.30 | 2983 | 0.01 | 0.01 | <0.2 | 0.24 | 4 | <10 | 110 | <0.5 |
| M171515 | | 2.16 | <0.05 | <0.05 | <0.05 | <0.001 | 19.14 | 2092 | 0.01 | <0.01 | <0.2 | 0.15 | 4 | <10 | 90 | <0.5 |
| M171516 | | 2.30 | <0.05 | <0.05 | <0.05 | <0.001 | 16.22 | 2244 | <0.01 | <0.01 | <0.2 | 0.11 | 4 | <10 | 20 | <0.5 |
| M171517 | | 3.16 | <0.05 | <0.05 | <0.05 | <0.001 | 38.16 | 2983 | 0.02 | <0.01 | <0.2 | 0.20 | 2 | <10 | 160 | <0.5 |
| M171518 | | 3.08 | <0.05 | <0.05 | <0.05 | <0.001 | 33.76 | 2976 | <0.01 | 0.01 | <0.2 | 0.21 | <2 | <10 | 80 | <0.5 |
| M171519 | | 2.22 | <0.05 | <0.05 | <0.05 | <0.001 | 19.49 | 2105 | <0.01 | <0.01 | <0.2 | 0.17 | 2 | <10 | 100 | <0.5 |
| M171520 | | 2.46 | <0.05 | <0.05 | <0.05 | <0.001 | 14.17 | 2378 | 0.01 | <0.01 | <0.2 | 0.16 | 3 | <10 | 210 | <0.5 |
| M171521 | | 2.66 | <0.05 | <0.05 | <0.05 | <0.001 | 58.72 | 2529 | 0.01 | <0.01 | 0.2 | 0.26 | <2 | <10 | 70 | <0.5 |
| M171522 | | 2.26 | <0.05 | <0.05 | <0.05 | <0.001 | 24.51 | 2186 | 0.01 | <0.01 | <0.2 | 0.24 | <2 | <10 | 90 | <0.5 |
| M171523 | | 2.32 | <0.05 | <0.05 | <0.05 | <0.001 | 13.26 | 2239 | <0.01 | <0.01 | <0.2 | 0.46 | <2 | <10 | 70 | 0.5 |
| M171524 | | 2.54 | <0.05 | <0.05 | <0.05 | <0.001 | 2.32 | 2482 | 0.01 | <0.01 | <0.2 | 0.25 | <2 | <10 | 110 | <0.5 |

Comments: NSS is non-sufficient sample.



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Date : 17-Oct-2003

Account: NJY

Project : Z-03-16/17

CERTIFICATE OF ANALYSIS VA03040151

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 S ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M171525 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 10.30 | 10.60 | 21.4 | 1.74 | 16 | <10 | 100 | <0.5 |
| M171526 | | 2.16 | <0.05 | <0.05 | <0.05 | <0.001 | 8.15 | 2092 | 0.01 | <0.01 | <0.2 | 0.18 | <2 | <10 | 30 | <0.5 |
| M171527 | | 2.56 | <0.05 | <0.05 | <0.05 | <0.001 | 13.98 | 2484 | <0.01 | <0.01 | <0.2 | 0.28 | <2 | <10 | 250 | <0.5 |
| M171528 | | 2.78 | <0.05 | <0.05 | <0.05 | <0.001 | 25.08 | 2689 | <0.01 | <0.01 | <0.2 | 0.28 | <2 | <10 | 90 | <0.5 |
| M171529 | | 1.92 | <0.05 | <0.05 | <0.05 | <0.001 | 5.10 | 1849.5 | <0.01 | <0.01 | <0.2 | 0.40 | <2 | <10 | 150 | 0.5 |
| M171530 | | 2.52 | <0.05 | <0.05 | <0.05 | <0.001 | 18.03 | 2363 | <0.01 | 0.02 | <0.2 | 0.15 | <2 | <10 | 50 | <0.5 |
| M171531 | | 2.82 | <0.05 | <0.05 | <0.05 | <0.001 | 11.50 | 2756 | <0.01 | <0.01 | 0.2 | 0.28 | <2 | <10 | 70 | <0.5 |
| M171532 | | 1.90 | <0.05 | <0.05 | <0.05 | <0.001 | 10.93 | 1832.0 | <0.01 | 0.01 | <0.2 | 0.21 | <2 | <10 | 40 | <0.5 |
| M171533 | | 2.44 | <0.05 | <0.05 | <0.05 | <0.001 | 23.86 | 2374 | <0.01 | <0.01 | <0.2 | 0.10 | <2 | <10 | 20 | <0.5 |
| M171534 | | 2.52 | <0.05 | <0.05 | <0.05 | <0.001 | 22.19 | 2382 | 0.01 | <0.01 | <0.2 | 0.36 | 2 | <10 | 40 | <0.5 |
| M171535 | | 2.52 | <0.05 | <0.05 | <0.05 | <0.001 | 6.58 | 2447 | <0.01 | <0.01 | <0.2 | 0.33 | <2 | <10 | 40 | <0.5 |
| M171536 | | 2.48 | <0.05 | <0.05 | <0.05 | <0.001 | 12.96 | 2370 | 0.01 | <0.01 | <0.2 | 0.35 | 3 | <10 | 80 | <0.5 |

Comments: NSS is non-sufficient sample.



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 Date: 17-Oct-2003
 Account: NJY

Project: Z-03-16/17

CERTIFICATE OF ANALYSIS VA03040151

| Sample Description | Method Analyte Units LOR | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 |
|--------------------|-----------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M171485 | | <2 | 0.14 | <0.5 | 4 | 104 | 4 | 1.05 | <10 | <1 | 0.12 | 20 | 0.39 | 55 | <1 | 0.02 |
| M171486 | | <2 | 0.07 | <0.5 | 4 | 79 | 2 | 1.25 | <10 | <1 | 0.12 | 20 | 0.37 | 45 | <1 | 0.01 |
| M171487 | | <2 | 0.29 | <0.5 | 4 | 72 | 4 | 1.25 | <10 | <1 | 0.14 | 20 | 0.33 | 48 | <1 | 0.02 |
| M171488 | | <2 | 0.11 | <0.5 | 2 | 101 | 2 | 0.91 | <10 | <1 | 0.10 | 20 | 0.20 | 40 | <1 | 0.02 |
| M171489 | | 2 | 0.09 | <0.5 | 3 | 95 | 2 | 0.91 | <10 | <1 | 0.11 | 20 | 0.29 | 38 | <1 | 0.02 |
| M171490 | | <2 | 0.15 | <0.5 | 3 | 85 | 4 | 0.95 | <10 | <1 | 0.09 | 10 | 0.27 | 45 | <1 | 0.02 |
| M171491 | | <2 | 0.07 | <0.5 | 5 | 75 | 5 | 1.42 | <10 | <1 | 0.14 | 20 | 0.48 | 46 | <1 | 0.01 |
| M171492 | | <2 | 0.07 | <0.5 | 4 | 77 | 4 | 1.08 | <10 | <1 | 0.15 | 30 | 0.40 | 56 | <1 | 0.02 |
| M171493 | | <2 | 0.20 | <0.5 | 3 | 93 | 5 | 0.95 | <10 | <1 | 0.12 | 20 | 0.32 | 138 | <1 | 0.01 |
| M171494 | | <2 | 0.18 | <0.5 | 3 | 81 | 11 | 0.89 | <10 | <1 | 0.17 | 20 | 0.27 | 160 | <1 | 0.01 |
| M171495 | | <2 | 0.08 | <0.5 | 4 | 71 | 5 | 1.18 | <10 | <1 | 0.13 | 30 | 0.32 | 73 | <1 | 0.01 |
| M171496 | | <2 | 0.05 | <0.5 | 4 | 62 | 2 | 1.13 | <10 | <1 | 0.13 | 20 | 0.20 | 34 | <1 | 0.02 |
| M171497 | | <2 | 0.32 | <0.5 | 2 | 93 | 13 | 0.72 | <10 | <1 | 0.12 | 20 | 0.17 | 63 | <1 | 0.02 |
| M171498 | | <2 | 0.14 | <0.5 | 2 | 80 | 3 | 0.73 | <10 | <1 | 0.12 | 20 | 0.13 | 86 | <1 | 0.02 |
| M171499 | | <2 | 0.17 | <0.5 | 4 | 68 | 7 | 0.89 | <10 | <1 | 0.14 | 20 | 0.31 | 108 | <1 | 0.01 |
| M171500 | | <2 | 1.09 | <0.5 | 17 | 11 | 6930 | 4.83 | 10 | <1 | 0.23 | 10 | 1.84 | 800 | 4 | 0.15 |
| M171501 | | <2 | 0.10 | <0.5 | 3 | 77 | 6 | 1.01 | <10 | <1 | 0.12 | 20 | 0.15 | 74 | <1 | 0.02 |
| M171502 | | <2 | 0.19 | <0.5 | 4 | 90 | 3 | 1.19 | <10 | <1 | 0.11 | 10 | 0.37 | 42 | <1 | 0.02 |
| M171503 | | <2 | 0.19 | <0.5 | 4 | 100 | 4 | 1.14 | <10 | <1 | 0.08 | 10 | 0.35 | 47 | <1 | 0.02 |
| M171504 | | <2 | 0.13 | <0.5 | 4 | 92 | 2 | 1.16 | <10 | 1 | 0.13 | 20 | 0.37 | 54 | <1 | 0.02 |
| M171505 | | <2 | 0.18 | <0.5 | 4 | 86 | 3 | 1.10 | <10 | <1 | 0.14 | 20 | 0.29 | 51 | 1 | 0.03 |
| M171506 | | <2 | 0.07 | <0.5 | 4 | 81 | 2 | 1.24 | <10 | <1 | 0.14 | 20 | 0.36 | 39 | 1 | 0.02 |
| M171507 | | <2 | 0.02 | <0.5 | <1 | 36 | 34 | 2.90 | <10 | <1 | 0.30 | 30 | 0.03 | 43 | 3 | 0.01 |
| M171508 | | <2 | 0.12 | <0.5 | 6 | 66 | 1 | 1.11 | <10 | <1 | 0.15 | 30 | 0.49 | 100 | 1 | 0.02 |
| M171509 | | <2 | 0.11 | <0.5 | 5 | 120 | 3 | 1.32 | <10 | <1 | 0.16 | 20 | 0.39 | 141 | 2 | 0.01 |
| M171510 | | <2 | 0.24 | <0.5 | 5 | 119 | 1 | 1.42 | <10 | <1 | 0.13 | 20 | 0.26 | 129 | 1 | 0.01 |
| M171511 | | <2 | 0.33 | <0.5 | 4 | 93 | 1 | 1.19 | <10 | <1 | 0.14 | 20 | 0.22 | 134 | <1 | 0.01 |
| M171512 | | <2 | 0.13 | <0.5 | 6 | 54 | 1 | 1.48 | <10 | <1 | 0.16 | 30 | 0.31 | 97 | 1 | 0.01 |
| M171513 | | <2 | 0.65 | <0.5 | 7 | 99 | 2 | 1.99 | <10 | <1 | 0.16 | 20 | 0.71 | 384 | <1 | 0.01 |
| M171514 | | <2 | 0.30 | <0.5 | 6 | 111 | 3 | 2.11 | <10 | <1 | 0.15 | 20 | 0.32 | 233 | 1 | 0.01 |
| M171515 | | <2 | 0.11 | <0.5 | 2 | 116 | 2 | 0.74 | <10 | <1 | 0.09 | 10 | 0.21 | 63 | <1 | 0.02 |
| M171516 | | <2 | 0.05 | <0.5 | 1 | 131 | 2 | 0.68 | <10 | <1 | 0.05 | 10 | 0.10 | 30 | <1 | 0.03 |
| M171517 | | <2 | 0.09 | <0.5 | 5 | 91 | 1 | 1.35 | <10 | <1 | 0.13 | 20 | 0.35 | 76 | <1 | 0.01 |
| M171518 | | <2 | 0.18 | <0.5 | 4 | 78 | 1 | 0.89 | <10 | <1 | 0.12 | 20 | 0.33 | 55 | <1 | 0.02 |
| M171519 | | <2 | 0.23 | <0.5 | 5 | 126 | 1 | 1.06 | <10 | <1 | 0.09 | 20 | 0.21 | 82 | <1 | 0.02 |
| M171520 | | <2 | 0.17 | <0.5 | 3 | 114 | 2 | 0.84 | <10 | 1 | 0.08 | 20 | 0.30 | 60 | <1 | 0.03 |
| M171521 | | <2 | 0.68 | <0.5 | 6 | 93 | 1 | 1.96 | <10 | <1 | 0.16 | 20 | 0.98 | 171 | <1 | 0.01 |
| M171522 | | <2 | 0.19 | <0.5 | 4 | 123 | 1 | 1.64 | <10 | 1 | 0.13 | 10 | 0.50 | 78 | <1 | 0.01 |
| M171523 | | <2 | 0.14 | <0.5 | 4 | 76 | 1 | 2.10 | <10 | <1 | 0.23 | 10 | 0.43 | 60 | 1 | 0.01 |
| M171524 | | <2 | 0.12 | <0.5 | 4 | 86 | 1 | 1.34 | <10 | <1 | 0.13 | 20 | 0.38 | 68 | <1 | 0.02 |

Comments: NSS is non-sufficient sample.



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Date : 17-Oct-2003

Account: NJY

Project : Z-03-16/17

CERTIFICATE OF ANALYSIS VA03040151

| Sample Description | Method Analyte Units LOR | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 |
|--------------------|-----------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M171525 | | <2 | 0.95 | 3.5 | 20 | 27 | 180 | 3.59 | <10 | 1 | 0.25 | 10 | 0.86 | 722 | 28 | 0.04 |
| M171526 | | <2 | 0.21 | <0.5 | 2 | 110 | 3 | 0.86 | <10 | <1 | 0.10 | 20 | 0.17 | 45 | <1 | 0.02 |
| M171527 | | <2 | 0.16 | <0.5 | 3 | 140 | 2 | 1.11 | <10 | <1 | 0.17 | 20 | 0.15 | 53 | <1 | 0.02 |
| M171528 | | <2 | 0.12 | <0.5 | 3 | 235 | 2 | 1.40 | <10 | <1 | 0.15 | 20 | 0.06 | 35 | <1 | 0.01 |
| M171529 | | <2 | 0.08 | <0.5 | 3 | 74 | 1 | 1.59 | <10 | <1 | 0.22 | 30 | 0.07 | 35 | <1 | 0.01 |
| M171530 | | <2 | 0.11 | <0.5 | 2 | 273 | 2 | 0.77 | <10 | <1 | 0.08 | 10 | 0.06 | 28 | <1 | <0.01 |
| M171531 | | <2 | 0.23 | <0.5 | 2 | 157 | 2 | 0.88 | <10 | <1 | 0.15 | 10 | 0.14 | 31 | <1 | 0.01 |
| M171532 | | <2 | 0.23 | <0.5 | 2 | 178 | 1 | 0.68 | <10 | <1 | 0.12 | 10 | 0.13 | 33 | 1 | 0.01 |
| M171533 | | <2 | 0.18 | <0.5 | 2 | 213 | 2 | 0.51 | <10 | <1 | 0.07 | 10 | 0.15 | 33 | 1 | <0.01 |
| M171534 | | <2 | 0.02 | <0.5 | 2 | 129 | 2 | 0.64 | <10 | <1 | 0.06 | 20 | 0.16 | 26 | <1 | 0.02 |
| M171535 | | <2 | 0.04 | <0.5 | 2 | 136 | 1 | 0.85 | <10 | <1 | 0.09 | 20 | 0.12 | 39 | <1 | 0.03 |
| M171536 | | <2 | 0.03 | <0.5 | 1 | 160 | 2 | 0.70 | <10 | <1 | 0.08 | 20 | 0.13 | 27 | <1 | 0.03 |

Comments: NSS is non-sufficient sample.



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Account: NJY

Project : Z-03-16/17

CERTIFICATE OF ANALYSIS VA03040151

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | |
|--------------------|-----------------------------------|----------|-----------|----------|-----------|----------|----------|----------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Ti | U | V | W | Zn |
| | | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 | ppm 1 | ppm 1 | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| M171485 | | 5 | 110 | 2 | 0.01 | <2 | 1 | 10 | <0.01 | <10 | <10 | 2 | <10 | 11 |
| M171486 | | 5 | 110 | <2 | 0.01 | <2 | 1 | 19 | <0.01 | <10 | <10 | 2 | <10 | 11 |
| M171487 | | 7 | 130 | 2 | 0.01 | <2 | 1 | 14 | <0.01 | <10 | <10 | 2 | <10 | 11 |
| M171488 | | 4 | 90 | 3 | 0.02 | <2 | 1 | 4 | <0.01 | <10 | <10 | 1 | <10 | 8 |
| M171489 | | 5 | 100 | 4 | 0.02 | <2 | 1 | 4 | <0.01 | <10 | <10 | 1 | <10 | 9 |
| M171490 | | 6 | 170 | 2 | 0.07 | <2 | 1 | 9 | <0.01 | <10 | <10 | 1 | <10 | 9 |
| M171491 | | 8 | 150 | 3 | 0.10 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 14 |
| M171492 | | 6 | 160 | 3 | 0.06 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 12 |
| M171493 | | 5 | 90 | 2 | 0.16 | <2 | 1 | 7 | <0.01 | <10 | <10 | 1 | <10 | 10 |
| M171494 | | 5 | 230 | 2 | 0.20 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 9 |
| M171495 | | 7 | 160 | <2 | 0.02 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 13 |
| M171496 | | 6 | 130 | <2 | <0.01 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 10 |
| M171497 | | 4 | 110 | <2 | <0.01 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 4 |
| M171498 | | 5 | 100 | 2 | 0.03 | <2 | 1 | 7 | <0.01 | <10 | <10 | 1 | <10 | 7 |
| M171499 | | 6 | 150 | 2 | 0.15 | <2 | 1 | 8 | <0.01 | <10 | <10 | 1 | <10 | 10 |
| M171500 | | 13 | 1860 | 4 | 0.09 | <2 | 12 | 77 | 0.24 | <10 | <10 | 222 | <10 | 49 |
| M171501 | | 6 | 140 | <2 | 0.08 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 9 |
| M171502 | | 8 | 90 | 3 | 0.32 | <2 | 1 | 9 | <0.01 | <10 | <10 | 2 | <10 | 10 |
| M171503 | | 6 | 90 | 3 | 0.39 | <2 | 1 | 9 | <0.01 | <10 | <10 | 1 | <10 | 9 |
| M171504 | | 7 | 130 | 2 | 0.07 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 11 |
| M171505 | | 10 | 100 | 2 | 0.09 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 14 |
| M171506 | | 9 | 130 | 3 | 0.03 | <2 | 1 | 4 | <0.01 | <10 | <10 | 3 | <10 | 11 |
| M171507 | | 6 | 250 | 31 | 0.02 | 69 | 7 | 74 | <0.01 | <10 | <10 | 11 | <10 | 14 |
| M171508 | | 9 | 160 | 2 | 0.01 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 18 |
| M171509 | | 12 | 320 | 3 | 0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 15 |
| M171510 | | 8 | 350 | 2 | <0.01 | <2 | 1 | 6 | 0.01 | <10 | <10 | 4 | <10 | 11 |
| M171511 | | 6 | 440 | 3 | <0.01 | <2 | 1 | 8 | <0.01 | <10 | <10 | 3 | <10 | 9 |
| M171512 | | 10 | 190 | 2 | 0.01 | <2 | 1 | 7 | 0.01 | <10 | <10 | 4 | <10 | 12 |
| M171513 | | 12 | 510 | <2 | <0.01 | <2 | 1 | 20 | 0.01 | <10 | <10 | 5 | <10 | 13 |
| M171514 | | 10 | 640 | 2 | 0.09 | <2 | 1 | 7 | <0.01 | <10 | <10 | 3 | <10 | 20 |
| M171515 | | 3 | 100 | 2 | 0.04 | <2 | 1 | 4 | <0.01 | <10 | <10 | 1 | <10 | 7 |
| M171516 | | 4 | 50 | 2 | 0.08 | <2 | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| M171517 | | 7 | 210 | 2 | 0.04 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 14 |
| M171518 | | 5 | 110 | 10 | 0.05 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 11 |
| M171519 | | 7 | 100 | 2 | 0.03 | 2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 14 |
| M171520 | | 5 | 70 | 4 | 0.05 | 2 | 1 | 8 | <0.01 | <10 | <10 | 1 | <10 | 10 |
| M171521 | | 9 | 420 | <2 | <0.01 | <2 | 1 | 11 | 0.01 | <10 | <10 | 5 | <10 | 16 |
| M171522 | | 8 | 350 | 2 | <0.01 | 2 | 1 | 5 | 0.01 | <10 | <10 | 4 | <10 | 11 |
| M171523 | | 12 | 280 | 2 | <0.01 | 2 | 1 | 4 | 0.01 | <10 | <10 | 6 | <10 | 13 |
| M171524 | | 7 | 240 | <2 | <0.01 | <2 | 1 | 8 | 0.01 | <10 | <10 | 3 | <10 | 10 |

Comments: NSS is non-sufficient sample.



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Page #: 3 - C
Total # of pages : 3 (A - C)
Date : 17-Oct-2003
Account: NJY

Project : Z-03-16/17

CERTIFICATE OF ANALYSIS VA03040151

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|-----------|----------|-----------|----------|----------|----------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Ti | U | V | W | Zn |
| | | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 | ppm 1 | ppm 1 | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| M171525 | | 16 | 570 | 41 | 1.21 | 2 | 7 | 46 | 0.07 | <10 | <10 | 71 | <10 | 115 |
| M171526 | | 4 | 80 | 2 | <0.01 | 2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 6 |
| M171527 | | 6 | 150 | 2 | <0.01 | 2 | 1 | 7 | <0.01 | <10 | <10 | 4 | <10 | 7 |
| M171528 | | 7 | 310 | <2 | <0.01 | 2 | 1 | 4 | <0.01 | <10 | <10 | 4 | <10 | 5 |
| M171529 | | 8 | 240 | <2 | <0.01 | 2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 7 |
| M171530 | | 5 | 100 | <2 | 0.03 | <2 | <1 | 4 | <0.01 | <10 | <10 | 1 | <10 | 3 |
| M171531 | | 5 | 110 | 3 | 0.07 | 2 | 1 | 10 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| M171532 | | 5 | 50 | <2 | 0.01 | 2 | 1 | 5 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| M171533 | | 4 | 30 | <2 | 0.02 | <2 | <1 | 6 | <0.01 | <10 | <10 | 1 | <10 | 4 |
| M171534 | | 4 | 60 | <2 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 7 |
| M171535 | | 5 | 130 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 8 |
| M171536 | | 3 | 70 | 9 | <0.01 | 2 | 1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 6 |

Comments: NSS is non-sufficient sample.

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-18

LENGTH: 84.1 M.

| | | | |
|---|----------------------------|--------------------------|-------------------------------|
| °PROPERTY: ZINGER | | HORI. COMP: 59.47 meters | DRILL CONTRACTOR: Lone Ranger |
| LOCATION: South Zinger, Ridge NW of Gold Run Lake | | VERT. COMP: 59.47 meters | |
| COMMENCED: October 5, 2003 | COMPLETED: October 6, 2003 | CORR. DIP: -45° | CORE SIZE: NQ |
| COORDS: Long. | Lat. | TRUE BEARING: 118° Azi | CASING: 3.0 meters |
| COORDS: UTM (E) 558530 | (N) 5474700 (EL) | % RECOVERY: | CORE STORAGE: Vine Property |
| COORDS: Grid (E) | (N) (EL) | LOGGED DATE: Oct. 2003 | |
| ELEVATION: 2020 meters | COLLAR: Dip: Azi: | LOGGED BY: D.L. Pighin | |
| OBJECTIVE: | | | |
| SURVEYS: Depth: | Dip: -45° Azi: 118° | Type: | |
| ADDITIONAL SURVEYS: | | | |
| Depth: | Dip: Azi: | | |

| From | To | LITHOLOGY: Quartzite, rare thin argillite interbeds. (Argillite less than 5% of unit). |
|------|------|--|
| 3.0 | 16.5 | COLOR: Quartzites, are maroon mottled and parallel laminated by dark maroon. Argillite beds yellowish green. |
| | | PRIMARY STRUCTURE: Thin to very thin bedded, bedding is sharp, and slightly wavy. Quartzite are very fine grained, commonly finely parallel laminated, in some beds laminations are crenulated. Argillite interbeds are very thin wispy and generally distorted (soft sediment deformation). |
| | | TECTONIC STRUCTURE: Rare thin white quartz veinlets cut core at 89°, 56° and 40° to core axis. Bedding to core axis is 36°. |
| | | GENERAL ALTERATION: Mainly Regional silicification and sericitization. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Rare disseminated limonite in veinlets. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|----|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| STND | | 0 | 62 P B | M 171525 | | 10.3 | 21.4 | 16 | 41 | 115 | 180 |
| 14 | 15 | 0 | Widely scattered quartz veinlets with minor disseminated limonite. | M 171526 | 1 | <0.05 | <0.2 | <2 | 2 | 6 | 3 |
| 15 | 16 | 0 | Widely scattered quartz veinlets with minor disseminated limonite. | M 171527 | 1 | <0.05 | <0.2 | <2 | 2 | 5 | 2 |
| 16 | 17 | 0 | Coarse grained quartzite with limonitic matrix and rare limonite veinlets. | M 171528 | | <0.05 | <0.2 | <2 | 2 | 5 | 2 |

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

27,340

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z-03-18
LENGTH: 84.1 M.

| From | To | LITHOLOGY: Quartzite interbedded argillite, argillite form 40% of interval. |
|------|------|--|
| 16.5 | 19.0 | COLOR: Quartzites generally dark gray, to dark brownish gray, and light brown, argillites light yellow, to light maroon. |
| | | PRIMARY STRUCTURE: Very thin bedded, bedding is distinct, and wavy, quartzites are composed of coarse grains, mature and unsorted quartz sand, argillite forms thin wispy and distorted interbeds. |
| | | TECTONIC STRUCTURE: Quartzite are weakly to locally strongly fracture mainly parallel to bedding at 47°, rare fracture at 40°, 56°, and 89°. |
| | | GENERAL ALTERATION: Regional silicification and sericitization overprinted by limonite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Limonite, replaces or form part of the matrix in the coarse grained quartzite. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|----|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 17 | 18 | 0 | Coarse grained quartzite with limonitic matrix and rare limonite veinlets. | M 171529 | 1 | <0.05 | <0.2 | <2 | <2 | 7 | 1 |
| 18 | 19 | 0 | Coarse grained quartzite with limonitic matrix and rare limonite veinlets. | M 171530 | 1 | <0.05 | <0.2 | <2 | <2 | 3 | 2 |

| From | To | LITHOLOGY: Auratze interbedded argillite. |
|------|------|---|
| 19.0 | 35.0 | COLOR: Same as interval 3.0 – 16.5 m. |
| | | PRIMARY STRUCTURE: Same as interval 3.0 – 16.5 m. Bedding to core = 47° at 32.0 m. |
| | | TECTONIC STRUCTURE: Widely scattered quartz filled fracture, with rare 10 cm thick zone of abundant quartz filled fractures, fracture cut core axis at 89°, 56°, 45° and 40°. The 40° fracture generally normal to bedding. |
| | | GENERAL ALTERATION: Regional silicification and sericitization, with zones of late silicification, yellow sericitization with late disseminated limonite overprinting all previous alteration. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Quartz veinlets host rare disseminated limonite after siderite? All the quartz veinlets are drusy and some are partly filled by deep green massive talc. Some veins host minor disseminated specularite. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|----|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 19 | 20 | 0 | Widely scattered quartz - limonite filled fractures, some talc and specularite. | M 171531 | 1 | <0.05 | <0.2 | 0.2 | 3 | 6 | 2 |
| 20 | 21 | 0 | Widely scattered quartz - limonite filled fractures, some talc and specularite. | M 171532 | 1 | <0.05 | <0.2 | <2 | <2 | 6 | 1 |
| 21 | 22 | 0 | Widely scattered quartz - limonite filled fractures, some talc and specularite. | M 171533 | 1 | <0.05 | <0.2 | <2 | <2 | 4 | 2 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z-03-18
 LENGTH: 84.1 M.

| From | To | LITHOLOGY: Quartzite. |
|------|------|---|
| 35.0 | 41.5 | COLOR: Quartzite light maroon to pinkish maroon, finely speckled brown. |
| | | PRIMARY STRUCTURE: Thick to very thick bedded, bedding distinct generally wavy. Quartzites are very fine grained and massive. |
| | | TECTONIC STRUCTURE: Widely scattered fractures which cut core as reported previously. |
| | | GENERAL ALTERATION: Intensely silicified and finely sericitized, with scattered late stylolitic structure lined by yellow sericite, brown specks of limonite, disseminated throughout the interval. Some early chlorite line paper thin veinlets. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Drusy white quartz fractures are weakly scattered throughout the interval. These quartz veinlets range between 2mm thick and 20 mm thick. The veinlets host limonite after Fe Carbonate. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|----|------------|--|------------|-------|-----------|-----------|-----------|-----------|-----------|-----------|
| 39 | 40 | 0 | Widely scattered quartz - limonite filled fractures. | M 171534 | 1 | <0.05 | <0.2 | 2 | <2 | 7 | 2 |
| 40 | 41 | 0 | Widely scattered quartz - limonite filled fractures. | M 171535 | 1 | <0.05 | <0.2 | <2 | <2 | 8 | 1 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z-03-18
LENGTH: 84.1 M.

| From | To | LITHOLOGY: Quartzite interbedded argillite. |
|------|------|---|
| 41.5 | 81.0 | COLOR: Quartzites are light maroon, locally light brownish gray, generally parallel lined by dark maroon and yellow, argillite is yellowish green. |
| | | PRIMARY STRUCTURE: Medium to thin bedded, locally very thin bedded, some medium beds, bedding is sharp, and generally weakly wavy. Quartzite beds generally very finely grained, and finely parallel laminated. Bedding to core at 47.0 = 53°, at 53 = 54°, at 67.0 = 62°, at 78.0 = 57°, 84.0 = 42°. |
| | | TECTONIC STRUCTURE: 53.0 to 77.0 all weakly fracture at angles to core axis of 52° dominant cuts bedding 70° 3° (tension fractures) and 73°, 70.2 to 70.70 very strongly brecciated. |
| | | GENERAL ALTERATION: 53.0 to 77.0 intensely silicified and sericitized quartzites, argillite beds and partings are completely altered to yellowish green sericite, yellow sericite forms some of the parallel laminations in the quartzite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Mineralization in this interval is generally weakly scattered drusy quartz veinlets host rare pyrite and more abundant limonite after carbonate. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|----|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 44 | 45 | 0 | Weakly fractured and weakly mineralized by limonite. | M 171536 | 1 | <0.05 | <0.2 | 3 | 9 | 6 | 2 |
| 53 | 54 | 0 | Weakly fractured and weakly mineralized by limonite. | M 171537 | 1 | 0.11 | <0.2 | <2 | <2 | 11 | 12 |
| 54 | 55 | 0 | Weakly fractured and weakly mineralized by limonite. | M 171538 | 1 | 0.36 | 0.2 | 3 | 3 | 10 | 68 |
| 55 | 56 | 0 | Weakly fractured and weakly mineralized by limonite. | M 171539 | 1 | 0.24 | 0.2 | 2 | 2 | 10 | 93 |
| 56 | 57 | 0 | Weakly fractured and weakly mineralized by limonite. | M 171540 | 1 | 0.21 | 0.2 | <2 | <2 | 9 | 33 |
| 57 | 58 | 0 | Weakly fractured and weakly mineralized by limonite. | M 171541 | 1 | <0.05 | 0.2 | 2 | 3 | 7 | 3 |
| 58 | 59 | 0 | Weakly fractured and weakly mineralized by limonite. | M 171542 | 1 | <0.05 | <0.2 | <2 | 3 | 6 | 2 |
| 59 | 60 | 0 | Weakly fractured and weakly mineralized by limonite. | M 171543 | 1 | <0.05 | <0.2 | 2 | 3 | 7 | 3 |
| 60 | 61 | 0 | Weakly fractured and weakly mineralized by limonite. | M 171544 | 1 | <0.05 | <0.2 | <2 | <2 | 6 | 1 |
| STND | | 0 | 62 PA | M 171545 | | 9.7 | 18.6 | 18 | 41 | 112 | 168 |
| 61 | 62 | 0 | Weakly fractured and weakly mineralized by limonite. | M 171546 | 1 | <0.05 | <0.2 | 2 | 3 | 12 | 3 |
| 62 | 63 | 0 | Weakly fractured and weakly mineralized by limonite. | M 171547 | 1 | <0.05 | <0.2 | 2 | 3 | 6 | 3 |
| 63 | 64 | 0 | Weakly fractured and weakly mineralized by limonite. | M 171548 | 1 | <0.05 | <0.2 | 2 | 3 | 4 | 2 |
| 64 | 65 | 0 | Weakly fractured and weakly mineralized by limonite. | M 171549 | 1 | <0.05 | <0.2 | 3 | 2 | 5 | 2 |
| 65 | 66 | 0 | Weakly fractured and weakly mineralized by limonite. | M 171550 | 1 | <0.05 | <0.2 | <2 | 3 | 5 | 2 |
| 66 | 67 | 0 | Weakly fractured and weakly mineralized by limonite. | M 171551 | 1 | <0.05 | <0.2 | <2 | 2 | 5 | 1 |
| 67 | 68 | 0 | Weakly fractured and weakly mineralized by limonite. | M 171552 | 1 | <0.05 | <0.2 | <2 | <2 | 3 | 2 |
| 68 | 69 | 0 | Weakly fractured and weakly mineralized by limonite. | M 171553 | 1 | <0.05 | <0.2 | 4 | 3 | 4 | 1 |
| 69 | 70 | 0 | Weakly fractured and weakly mineralized by limonite. | M 171554 | 1 | <0.05 | <0.2 | <2 | <2 | 5 | 1 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-18

LENGTH: 84.1 M.

| From | To | %Core Loss | Comments | Sample # | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|----|------------|--|----------|-------|--------|--------|--------|--------|--------|--------|
| 70 | 71 | 0 | Strongly brecciated rare pyrite and minor limonite. | M 171555 | 1 | <0.05 | <0.2 | 2 | <2 | 13 | 1 |
| 71 | 72 | 0 | Weakly fractured and weakly mineralized by limonite. | M 171556 | 1 | <0.05 | <0.2 | 3 | <2 | 10 | 1 |
| 72 | 73 | 0 | Weakly fractured and weakly mineralized by limonite. | M 171557 | 1 | <0.05 | <0.2 | 4 | <2 | 4 | 1 |
| 73 | 74 | 0 | Weakly fractured and weakly mineralized by limonite. | M 171558 | 1 | <0.05 | <0.2 | 2 | <2 | 4 | 1 |
| 74 | 75 | 0 | Weakly fractured and weakly mineralized by limonite. | M 171559 | 1 | <0.05 | <0.2 | <2 | 2 | 3 | 1 |
| 75 | 76 | 0 | Weakly fractured and weakly mineralized by limonite. | M 171560 | 1 | <0.05 | <0.2 | 3 | 2 | 3 | 1 |
| 76 | 77 | 0 | Weakly fractured and weakly mineralized by limonite. | M 171561 | 1 | <0.05 | <0.2 | <2 | <2 | 112 | 2 |

| From | To | LITHOLOGY: Quartzite, thin argillite parting. |
|--------------|------|---|
| 81.0 | 84.0 | COLOR: Banded gray and white, with apple green argillite partings. |
| End of Hole. | | PRIMARY STRUCTURE: Thin to very thin bedded, bedding sharp and very wavy, quartzites consist of coarse grained mature, unsorted sand, argillite form very thin bed partings. |
| | | TECTONIC STRUCTURE: Nil. |
| | | GENERAL ALTERATION: White quartzite beds are intensely silicified with a siliceous matrix, dark gray quartzites have a matrix totally altered to sericite. Some beds have late disseminated limonite as part of their matrix. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: No mineralization. |
| | | ADDITIONAL OBSERVATIONS: |



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Page #: 1
Date: 17-Oct-2003
Account: NJY

CERTIFICATE VA03040151

Project: Z-03-16/17

P.O. No:

This report is for 52 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 8-Oct-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-21 | Crush entire sample 70% < 6 mm |
| PUL-21 | Pulverize entire sample |
| LOG-24 | Pulp Login - Rcd w/o BarCode |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-SCRa | Au Screen FA - Over Wt. A | WST-SIM |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



ALS Chemex

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Page #: 2 - A
Total # of pages : 3 (A - C)
Date : 17-Oct-2003
Account: NJY

Project : Z-03-16/17

CERTIFICATE OF ANALYSIS VA03040151

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M171485 | | 2.08 | <0.05 | <0.05 | <0.05 | <0.001 | 15.46 | 1994.5 | <0.01 | <0.01 | <0.2 | 0.18 | 2 | <10 | 120 | <0.5 |
| M171486 | | 2.80 | <0.05 | <0.05 | <0.05 | <0.001 | 22.78 | 2481 | <0.01 | <0.01 | <0.2 | 0.18 | 3 | <10 | 280 | <0.5 |
| M171487 | | 2.16 | <0.05 | <0.05 | <0.05 | <0.001 | 14.16 | 2074 | 0.03 | <0.01 | <0.2 | 0.23 | 2 | <10 | 250 | <0.5 |
| M171488 | | 2.24 | <0.05 | <0.05 | <0.05 | <0.001 | 8.78 | 2178 | <0.01 | <0.01 | <0.2 | 0.18 | <2 | <10 | 70 | <0.5 |
| M171489 | | 2.18 | <0.05 | <0.05 | <0.05 | <0.001 | 24.96 | 2095 | <0.01 | <0.01 | <0.2 | 0.17 | 2 | <10 | 30 | <0.5 |
| M171490 | | 3.24 | <0.05 | 0.33 | <0.05 | 0.012 | 36.46 | 3130 | <0.01 | 0.01 | <0.2 | 0.16 | 3 | <10 | 20 | <0.5 |
| M171491 | | 2.92 | 0.07 | 0.75 | 0.06 | 0.032 | 42.78 | 2792 | 0.06 | 0.06 | <0.2 | 0.21 | 5 | <10 | 30 | <0.5 |
| M171492 | | 2.38 | 0.18 | 0.08 | 0.19 | 0.001 | 12.51 | 2327 | 0.22 | 0.15 | <0.2 | 0.22 | 2 | <10 | 50 | <0.5 |
| M171493 | | 2.70 | 0.87 | 3.27 | 0.84 | 0.120 | 36.72 | 2594 | 0.95 | 0.72 | 0.2 | 0.17 | <2 | <10 | 30 | <0.5 |
| M171494 | | 1.64 | 0.37 | 1.25 | 0.36 | 0.034 | 27.29 | 1576.0 | 0.29 | 0.42 | <0.2 | 0.24 | 2 | <10 | 30 | <0.5 |
| M171495 | | 3.60 | <0.05 | 0.59 | <0.05 | 0.030 | 50.43 | 3404 | 0.03 | 0.04 | <0.2 | 0.20 | 4 | <10 | 120 | <0.5 |
| M171496 | | 2.72 | <0.05 | 1.72 | <0.05 | 0.034 | 19.72 | 2837 | 0.01 | <0.01 | <0.2 | 0.21 | 2 | <10 | 140 | <0.5 |
| M171497 | | 2.56 | <0.05 | <0.05 | <0.05 | <0.001 | 23.18 | 2479 | <0.01 | <0.01 | <0.2 | 0.19 | 2 | <10 | 130 | <0.5 |
| M171498 | | 2.48 | <0.05 | <0.05 | <0.05 | <0.001 | 16.44 | 2411 | 0.03 | 0.01 | <0.2 | 0.19 | <2 | <10 | 90 | <0.5 |
| M171499 | | 2.84 | 0.49 | 2.26 | 0.46 | 0.103 | 45.50 | 2738 | 0.65 | 0.27 | <0.2 | 0.19 | <2 | <10 | 140 | <0.5 |
| M171500 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 0.76 | 0.71 | 2.4 | 2.02 | 4 | 10 | 40 | 0.5 |
| M171501 | | 3.02 | <0.05 | 0.18 | <0.05 | 0.007 | 39.25 | 2907 | 0.03 | 0.02 | <0.2 | 0.20 | <2 | <10 | 110 | <0.5 |
| M171502 | | 2.40 | <0.05 | 1.87 | <0.05 | 0.051 | 27.29 | 2305 | 0.03 | 0.01 | <0.2 | 0.17 | 3 | <10 | 70 | <0.5 |
| M171503 | | 2.68 | <0.05 | <0.05 | <0.05 | <0.001 | 19.99 | 2586 | 0.01 | <0.01 | 0.2 | 0.13 | 2 | <10 | 20 | <0.5 |
| M171504 | | 2.32 | <0.05 | <0.05 | <0.05 | <0.001 | 22.93 | 2239 | <0.01 | <0.01 | <0.2 | 0.18 | 2 | <10 | 40 | <0.5 |
| M171505 | | 2.24 | <0.05 | <0.05 | <0.05 | <0.001 | 35.06 | 2136 | 0.02 | <0.01 | <0.2 | 0.21 | 3 | <10 | 60 | <0.5 |
| M171506 | | 2.28 | <0.05 | <0.05 | <0.05 | <0.001 | 23.95 | 2211 | <0.01 | <0.01 | <0.2 | 0.22 | 3 | <10 | 90 | <0.5 |
| M171507 | | 0.08 | NSS | NSS | NSS | NSS | NSS | NSS | 3.09 | 3.08 | 0.4 | 0.74 | 2340 | 10 | 170 | 1.1 |
| M171508 | | 2.14 | <0.05 | <0.05 | <0.05 | <0.001 | 31.96 | 2056 | <0.01 | <0.01 | <0.2 | 0.24 | 6 | <10 | 250 | <0.5 |
| M171509 | | 2.36 | <0.05 | <0.05 | <0.05 | <0.001 | 35.34 | 2225 | <0.01 | <0.01 | <0.2 | 0.24 | 5 | <10 | 180 | <0.5 |
| M171510 | | 2.28 | <0.05 | <0.05 | <0.05 | <0.001 | 27.02 | 2380 | 0.01 | <0.01 | <0.2 | 0.20 | 4 | <10 | 70 | <0.5 |
| M171511 | | 3.14 | <0.05 | <0.05 | <0.05 | <0.001 | 33.28 | 3009 | <0.01 | <0.01 | <0.2 | 0.22 | 3 | <10 | 80 | <0.5 |
| M171512 | | 2.68 | <0.05 | <0.05 | <0.05 | <0.001 | 23.57 | 2600 | 0.01 | <0.01 | <0.2 | 0.25 | 4 | <10 | 170 | <0.5 |
| M171513 | | 1.74 | <0.05 | <0.05 | <0.05 | <0.001 | 37.22 | 1839.0 | <0.01 | <0.01 | <0.2 | 0.24 | 5 | <10 | 150 | <0.5 |
| M171514 | | 3.10 | <0.05 | <0.05 | <0.05 | <0.001 | 34.30 | 2983 | 0.01 | 0.01 | <0.2 | 0.24 | 4 | <10 | 110 | <0.5 |
| M171515 | | 2.16 | <0.05 | <0.05 | <0.05 | <0.001 | 19.14 | 2092 | 0.01 | <0.01 | <0.2 | 0.15 | 4 | <10 | 90 | <0.5 |
| M171516 | | 2.30 | <0.05 | <0.05 | <0.05 | <0.001 | 16.22 | 2244 | <0.01 | <0.01 | <0.2 | 0.11 | 4 | <10 | 70 | <0.5 |
| M171517 | | 3.16 | <0.05 | <0.05 | <0.05 | <0.001 | 38.16 | 2983 | 0.02 | <0.01 | <0.2 | 0.20 | 2 | <10 | 160 | <0.5 |
| M171518 | | 3.08 | <0.05 | <0.05 | <0.05 | <0.001 | 33.76 | 2976 | <0.01 | 0.01 | <0.2 | 0.21 | <2 | <10 | 80 | <0.5 |
| M171519 | | 2.22 | <0.05 | <0.05 | <0.05 | <0.001 | 19.49 | 2105 | <0.01 | <0.01 | <0.2 | 0.17 | 2 | <10 | 100 | <0.5 |
| M171520 | | 2.46 | <0.05 | <0.05 | <0.05 | <0.001 | 14.17 | 2378 | 0.01 | <0.01 | <0.2 | 0.18 | 3 | <10 | 210 | <0.5 |
| M171521 | | 2.86 | <0.05 | <0.05 | <0.05 | <0.001 | 58.72 | 2529 | 0.01 | <0.01 | 0.2 | 0.26 | <2 | <10 | 70 | <0.5 |
| M171522 | | 2.26 | <0.05 | <0.05 | <0.05 | <0.001 | 24.51 | 2186 | 0.01 | <0.01 | <0.2 | 0.24 | <2 | <10 | 90 | <0.5 |
| M171523 | | 2.32 | <0.05 | <0.05 | <0.05 | <0.001 | 13.26 | 2239 | <0.01 | <0.01 | <0.2 | 0.46 | <2 | <10 | 70 | 0.5 |
| M171524 | | 2.54 | <0.05 | <0.05 | <0.05 | <0.001 | 2.32 | 2482 | 0.01 | <0.01 | <0.2 | 0.25 | <2 | <10 | 110 | <0.5 |

Comments: NSS is non-sufficient sample.



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Total # of pages : 3 (A - C)

Date : 17-Oct-2003

Account: NJY

Project : Z-03-16/17

CERTIFICATE OF ANALYSIS VA03040151

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 S ppm 10 | ME-ICP41 Se ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M171525 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 10.30 | 10.60 | 21.4 | 1.74 | 16 | <10 | 100 | <0.5 |
| M171526 | | 2.16 | <0.05 | <0.05 | <0.05 | <0.001 | 8.15 | 2092 | 0.01 | <0.01 | <0.2 | 0.18 | <2 | <10 | 30 | <0.5 |
| M171527 | | 2.56 | <0.05 | <0.05 | <0.05 | <0.001 | 13.98 | 2494 | <0.01 | <0.01 | <0.2 | 0.29 | <2 | <10 | 250 | <0.5 |
| M171528 | | 2.78 | <0.05 | <0.05 | <0.05 | <0.001 | 25.08 | 2889 | <0.01 | <0.01 | <0.2 | 0.28 | <2 | <10 | 80 | <0.5 |
| M171529 | | 1.92 | <0.05 | <0.05 | <0.05 | <0.001 | 5.10 | 1849.5 | <0.01 | <0.01 | <0.2 | 0.40 | <2 | <10 | 150 | 0.5 |
| M171530 | | 2.52 | <0.05 | <0.05 | <0.05 | <0.001 | 18.03 | 2363 | <0.01 | 0.02 | <0.2 | 0.15 | <2 | <10 | 50 | <0.5 |
| M171531 | | 2.82 | <0.05 | <0.05 | <0.05 | <0.001 | 11.50 | 2756 | <0.01 | <0.01 | 0.2 | 0.28 | <2 | <10 | 70 | <0.5 |
| M171532 | | 1.90 | <0.05 | <0.05 | <0.05 | <0.001 | 10.93 | 1832.0 | <0.01 | 0.01 | <0.2 | 0.21 | <2 | <10 | 40 | <0.5 |
| M171533 | | 2.44 | <0.05 | <0.05 | <0.05 | <0.001 | 23.88 | 2374 | <0.01 | <0.01 | <0.2 | 0.10 | <2 | <10 | 20 | <0.5 |
| M171534 | | 2.52 | <0.05 | <0.05 | <0.05 | <0.001 | 22.19 | 2382 | 0.01 | <0.01 | <0.2 | 0.36 | 2 | <10 | 40 | <0.5 |
| M171535 | | 2.52 | <0.05 | <0.05 | <0.05 | <0.001 | 6.58 | 2447 | <0.01 | <0.01 | <0.2 | 0.33 | <2 | <10 | 40 | <0.5 |
| M171536 | | 2.48 | <0.05 | <0.05 | <0.05 | <0.001 | 12.96 | 2370 | 0.01 | <0.01 | <0.2 | 0.35 | 3 | <10 | 80 | <0.5 |

Comments: NSS is non-sufficient sample.



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Total # of pages: 3 (A - C)
Date: 17-Oct-2003
Account: NJY

Project: Z-03-16/17

CERTIFICATE OF ANALYSIS VA03040151

| Sample Description | Method Analyte Units LOR | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 |
|--------------------|-----------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M171485 | | <2 | 0.14 | <0.5 | 4 | 104 | 4 | 1.05 | <10 | <1 | 0.12 | 20 | 0.39 | 55 | <1 | 0.02 |
| M171486 | | <2 | 0.07 | <0.5 | 4 | 79 | 2 | 1.25 | <10 | <1 | 0.12 | 20 | 0.37 | 45 | <1 | 0.01 |
| M171487 | | <2 | 0.29 | <0.5 | 4 | 72 | 4 | 1.25 | <10 | <1 | 0.14 | 20 | 0.33 | 48 | <1 | 0.02 |
| M171488 | | <2 | 0.11 | <0.5 | 2 | 101 | 2 | 0.91 | <10 | <1 | 0.10 | 20 | 0.20 | 40 | <1 | 0.02 |
| M171489 | | 2 | 0.09 | <0.5 | 3 | 95 | 2 | 0.91 | <10 | <1 | 0.11 | 20 | 0.28 | 38 | <1 | 0.02 |
| M171490 | | <2 | 0.15 | <0.5 | 3 | 85 | 4 | 0.95 | <10 | <1 | 0.09 | 10 | 0.27 | 45 | <1 | 0.02 |
| M171491 | | <2 | 0.07 | <0.5 | 5 | 75 | 5 | 1.42 | <10 | <1 | 0.14 | 20 | 0.48 | 48 | <1 | 0.01 |
| M171492 | | <2 | 0.07 | <0.5 | 4 | 77 | 4 | 1.08 | <10 | <1 | 0.15 | 30 | 0.40 | 58 | <1 | 0.02 |
| M171493 | | <2 | 0.20 | <0.5 | 3 | 93 | 5 | 0.95 | <10 | <1 | 0.12 | 20 | 0.32 | 138 | <1 | 0.01 |
| M171494 | | <2 | 0.18 | <0.5 | 3 | 81 | 11 | 0.89 | <10 | <1 | 0.17 | 20 | 0.27 | 180 | <1 | 0.01 |
| M171495 | | <2 | 0.08 | <0.5 | 4 | 71 | 5 | 1.18 | <10 | <1 | 0.13 | 30 | 0.32 | 73 | <1 | 0.01 |
| M171496 | | <2 | 0.05 | <0.5 | 4 | 62 | 2 | 1.13 | <10 | <1 | 0.13 | 20 | 0.20 | 34 | <1 | 0.02 |
| M171497 | | <2 | 0.32 | <0.5 | 2 | 93 | 13 | 0.72 | <10 | <1 | 0.12 | 20 | 0.17 | 63 | <1 | 0.02 |
| M171498 | | <2 | 0.14 | <0.5 | 2 | 80 | 3 | 0.73 | <10 | <1 | 0.12 | 20 | 0.13 | 88 | <1 | 0.02 |
| M171499 | | <2 | 0.17 | <0.5 | 4 | 68 | 7 | 0.89 | <10 | <1 | 0.14 | 20 | 0.31 | 108 | <1 | 0.01 |
| M171500 | | <2 | 1.09 | <0.5 | 17 | 11 | 6930 | 4.83 | 10 | <1 | 0.23 | 10 | 1.84 | 800 | 4 | 0.15 |
| M171501 | | <2 | 0.10 | <0.5 | 3 | 77 | 6 | 1.01 | <10 | <1 | 0.12 | 20 | 0.15 | 74 | <1 | 0.02 |
| M171502 | | <2 | 0.19 | <0.5 | 4 | 90 | 3 | 1.19 | <10 | <1 | 0.11 | 10 | 0.37 | 42 | <1 | 0.02 |
| M171503 | | <2 | 0.19 | <0.5 | 4 | 100 | 4 | 1.14 | <10 | <1 | 0.08 | 10 | 0.35 | 47 | <1 | 0.02 |
| M171504 | | <2 | 0.13 | <0.5 | 4 | 92 | 2 | 1.18 | <10 | 1 | 0.13 | 20 | 0.37 | 54 | <1 | 0.02 |
| M171505 | | <2 | 0.18 | <0.5 | 4 | 86 | 3 | 1.10 | <10 | <1 | 0.14 | 20 | 0.29 | 51 | 1 | 0.03 |
| M171506 | | <2 | 0.07 | <0.5 | 4 | 81 | 2 | 1.24 | <10 | <1 | 0.14 | 20 | 0.38 | 39 | 1 | 0.02 |
| M171507 | | <2 | 0.02 | <0.5 | <1 | 36 | 34 | 2.90 | <10 | <1 | 0.30 | 30 | 0.03 | 43 | 3 | 0.01 |
| M171508 | | <2 | 0.12 | <0.5 | 6 | 66 | 1 | 1.11 | <10 | <1 | 0.15 | 30 | 0.49 | 100 | 1 | 0.02 |
| M171509 | | <2 | 0.11 | <0.5 | 5 | 120 | 3 | 1.32 | <10 | <1 | 0.18 | 20 | 0.39 | 141 | 2 | 0.01 |
| M171510 | | <2 | 0.24 | <0.5 | 5 | 119 | 1 | 1.42 | <10 | <1 | 0.13 | 20 | 0.28 | 129 | 1 | 0.01 |
| M171511 | | <2 | 0.33 | <0.5 | 4 | 93 | 1 | 1.19 | <10 | <1 | 0.14 | 20 | 0.22 | 134 | <1 | 0.01 |
| M171512 | | <2 | 0.13 | <0.5 | 6 | 54 | 1 | 1.48 | <10 | <1 | 0.18 | 30 | 0.31 | 97 | 1 | 0.01 |
| M171513 | | <2 | 0.65 | <0.5 | 7 | 99 | 2 | 1.99 | <10 | <1 | 0.18 | 20 | 0.71 | 384 | <1 | 0.01 |
| M171514 | | <2 | 0.30 | <0.5 | 6 | 111 | 3 | 2.11 | <10 | <1 | 0.15 | 20 | 0.32 | 233 | 1 | 0.01 |
| M171515 | | <2 | 0.11 | <0.5 | 2 | 116 | 2 | 0.74 | <10 | <1 | 0.09 | 10 | 0.21 | 83 | <1 | 0.02 |
| M171516 | | <2 | 0.05 | <0.5 | 1 | 131 | 2 | 0.68 | <10 | <1 | 0.05 | 10 | 0.10 | 30 | <1 | 0.03 |
| M171517 | | <2 | 0.09 | <0.5 | 5 | 91 | 1 | 1.35 | <10 | <1 | 0.13 | 20 | 0.35 | 76 | <1 | 0.01 |
| M171518 | | <2 | 0.18 | <0.5 | 4 | 78 | 1 | 0.89 | <10 | <1 | 0.12 | 20 | 0.33 | 55 | <1 | 0.02 |
| M171519 | | <2 | 0.23 | <0.5 | 5 | 126 | 1 | 1.08 | <10 | <1 | 0.09 | 20 | 0.21 | 82 | <1 | 0.02 |
| M171520 | | <2 | 0.17 | <0.5 | 3 | 114 | 2 | 0.84 | <10 | 1 | 0.08 | 20 | 0.30 | 80 | <1 | 0.03 |
| M171521 | | <2 | 0.68 | <0.5 | 6 | 93 | 1 | 1.96 | <10 | <1 | 0.18 | 20 | 0.98 | 171 | <1 | 0.01 |
| M171522 | | <2 | 0.19 | <0.5 | 4 | 123 | 1 | 1.84 | <10 | 1 | 0.13 | 10 | 0.50 | 78 | <1 | 0.01 |
| M171523 | | <2 | 0.14 | <0.5 | 4 | 76 | 1 | 2.10 | <10 | <1 | 0.23 | 10 | 0.43 | 60 | 1 | 0.01 |
| M171524 | | <2 | 0.12 | <0.5 | 4 | 86 | 1 | 1.34 | <10 | <1 | 0.13 | 20 | 0.38 | 68 | <1 | 0.02 |

Comments: NSS is non-sufficient sample.



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: 3 - B
Total # of pages : 3 (A - C)
Date : 17-Oct-2003
Account: NJY

Project : Z-03-16/17

CERTIFICATE OF ANALYSIS VA03040151

| Method Analyte Units LOR | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 |
|-----------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| Sample Description | | | | | | | | | | | | | | | |
| M171525 | <2 | 0.95 | 3.5 | 20 | 27 | 180 | 3.59 | <10 | 1 | 0.25 | 10 | 0.86 | 722 | 28 | 0.04 |
| M171526 | <2 | 0.21 | <0.5 | 2 | 110 | 3 | 0.88 | <10 | <1 | 0.10 | 20 | 0.17 | 45 | <1 | 0.02 |
| M171527 | <2 | 0.16 | <0.5 | 3 | 140 | 2 | 1.11 | <10 | <1 | 0.17 | 20 | 0.15 | 53 | <1 | 0.02 |
| M171528 | <2 | 0.12 | <0.5 | 3 | 235 | 2 | 1.40 | <10 | <1 | 0.15 | 20 | 0.06 | 35 | <1 | 0.01 |
| M171529 | <2 | 0.08 | <0.5 | 3 | 74 | 1 | 1.59 | <10 | <1 | 0.22 | 30 | 0.07 | 35 | <1 | 0.01 |
| M171530 | <2 | 0.11 | <0.5 | 2 | 273 | 2 | 0.77 | <10 | <1 | 0.08 | 10 | 0.08 | 28 | <1 | <0.01 |
| M171531 | <2 | 0.23 | <0.5 | 2 | 157 | 2 | 0.88 | <10 | <1 | 0.15 | 10 | 0.14 | 31 | <1 | 0.01 |
| M171532 | <2 | 0.23 | <0.5 | 2 | 178 | 1 | 0.88 | <10 | <1 | 0.12 | 10 | 0.13 | 33 | 1 | 0.01 |
| M171533 | <2 | 0.18 | <0.5 | 2 | 213 | 2 | 0.51 | <10 | <1 | 0.07 | 10 | 0.15 | 33 | 1 | <0.01 |
| M171534 | <2 | 0.02 | <0.5 | 2 | 129 | 2 | 0.64 | <10 | <1 | 0.06 | 20 | 0.16 | 26 | <1 | 0.02 |
| M171535 | <2 | 0.04 | <0.5 | 2 | 136 | 1 | 0.85 | <10 | <1 | 0.09 | 20 | 0.12 | 39 | <1 | 0.03 |
| M171536 | <2 | 0.03 | <0.5 | 1 | 160 | 2 | 0.70 | <10 | <1 | 0.08 | 20 | 0.13 | 27 | <1 | 0.03 |

Comments: NSS is non-sufficient sample.



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P # : 2 - C
Total # of pages : 3 (A - C)
Date : 17-Oct-2003
Account: NJY

Project : Z-03-16/17

CERTIFICATE OF ANALYSIS VA03040151

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|-----------|----------|-----------|----------|----------|----------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Ti | U | V | W | Zn |
| | | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 | ppm 1 | ppm 1 | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| M171485 | | 5 | 110 | 2 | 0.01 | <2 | 1 | 10 | <0.01 | <10 | <10 | 2 | <10 | 11 |
| M171486 | | 5 | 110 | <2 | 0.01 | <2 | 1 | 19 | <0.01 | <10 | <10 | 2 | <10 | 11 |
| M171487 | | 7 | 130 | 2 | 0.01 | <2 | 1 | 14 | <0.01 | <10 | <10 | 2 | <10 | 11 |
| M171488 | | 4 | 90 | 3 | 0.02 | <2 | 1 | 4 | <0.01 | <10 | <10 | 1 | <10 | 8 |
| M171489 | | 5 | 100 | 4 | 0.02 | <2 | 1 | 4 | <0.01 | <10 | <10 | 1 | <10 | 9 |
| M171490 | | 6 | 170 | 2 | 0.07 | <2 | 1 | 9 | <0.01 | <10 | <10 | 1 | <10 | 9 |
| M171491 | | 8 | 150 | 3 | 0.10 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 14 |
| M171492 | | 6 | 160 | 3 | 0.06 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 12 |
| M171493 | | 5 | 90 | 2 | 0.18 | <2 | 1 | 7 | <0.01 | <10 | <10 | 1 | <10 | 10 |
| M171494 | | 5 | 230 | 2 | 0.20 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 9 |
| M171495 | | 7 | 160 | <2 | 0.02 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 13 |
| M171496 | | 6 | 130 | <2 | <0.01 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 10 |
| M171497 | | 4 | 110 | <2 | <0.01 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 4 |
| M171498 | | 5 | 100 | 2 | 0.03 | <2 | 1 | 7 | <0.01 | <10 | <10 | 1 | <10 | 7 |
| M171499 | | 6 | 150 | 2 | 0.15 | <2 | 1 | 8 | <0.01 | <10 | <10 | 1 | <10 | 10 |
| M171500 | | 13 | 1860 | 4 | 0.09 | <2 | 12 | 77 | 0.24 | <10 | <10 | 222 | <10 | 49 |
| M171501 | | 6 | 140 | <2 | 0.08 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 9 |
| M171502 | | 8 | 90 | 3 | 0.32 | <2 | 1 | 9 | <0.01 | <10 | <10 | 2 | <10 | 10 |
| M171503 | | 6 | 90 | 3 | 0.39 | <2 | 1 | 9 | <0.01 | <10 | <10 | 1 | <10 | 9 |
| M171504 | | 7 | 130 | 2 | 0.07 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 11 |
| M171505 | | 10 | 100 | 2 | 0.09 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 14 |
| M171506 | | 9 | 130 | 3 | 0.03 | <2 | 1 | 4 | <0.01 | <10 | <10 | 3 | <10 | 11 |
| M171507 | | 6 | 250 | 31 | 0.02 | 69 | 7 | 74 | <0.01 | <10 | <10 | 11 | <10 | 14 |
| M171508 | | 9 | 160 | 2 | 0.01 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 18 |
| M171509 | | 12 | 320 | 3 | 0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 15 |
| M171510 | | 8 | 350 | 2 | <0.01 | <2 | 1 | 6 | 0.01 | <10 | <10 | 4 | <10 | 11 |
| M171511 | | 6 | 440 | 3 | <0.01 | <2 | 1 | 8 | <0.01 | <10 | <10 | 3 | <10 | 9 |
| M171512 | | 10 | 190 | 2 | 0.01 | <2 | 1 | 7 | 0.01 | <10 | <10 | 4 | <10 | 12 |
| M171513 | | 12 | 510 | <2 | <0.01 | <2 | 1 | 20 | 0.01 | <10 | <10 | 5 | <10 | 13 |
| M171514 | | 10 | 640 | 2 | 0.09 | <2 | 1 | 7 | <0.01 | <10 | <10 | 3 | <10 | 20 |
| M171515 | | 3 | 100 | 2 | 0.04 | <2 | 1 | 4 | <0.01 | <10 | <10 | 1 | <10 | 7 |
| M171516 | | 4 | 50 | 2 | 0.08 | <2 | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| M171517 | | 7 | 210 | 2 | 0.04 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 14 |
| M171518 | | 5 | 110 | 10 | 0.05 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 11 |
| M171519 | | 7 | 100 | 2 | 0.03 | 2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 14 |
| M171520 | | 5 | 70 | 4 | 0.05 | 2 | 1 | 8 | <0.01 | <10 | <10 | 1 | <10 | 10 |
| M171521 | | 9 | 420 | <2 | <0.01 | <2 | 1 | 11 | 0.01 | <10 | <10 | 5 | <10 | 16 |
| M171522 | | 8 | 350 | 2 | <0.01 | 2 | 1 | 5 | 0.01 | <10 | <10 | 4 | <10 | 11 |
| M171523 | | 12 | 280 | 2 | <0.01 | 2 | 1 | 4 | 0.01 | <10 | <10 | 6 | <10 | 13 |
| M171524 | | 7 | 240 | <2 | <0.01 | <2 | 1 | 8 | 0.01 | <10 | <10 | 3 | <10 | 10 |

Comments: NSS is non-sufficient sample.



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P. 1: 3 - C

Total # of pages : 3 (A - C)

Date : 17-Oct-2003

Account: NJY

Project : Z-03-16/17

CERTIFICATE OF ANALYSIS VA03040151

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|-----------|----------|-----------|----------|----------|----------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Ti | U | V | W | Zn |
| | | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 | ppm 1 | ppm 1 | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| M171525 | | 16 | 570 | 41 | 1.21 | 2 | 7 | 46 | 0.07 | <10 | <10 | 71 | <10 | 115 |
| M171526 | | 4 | 80 | 2 | <0.01 | 2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 6 |
| M171527 | | 6 | 150 | 2 | <0.01 | 2 | 1 | 7 | <0.01 | <10 | <10 | 4 | <10 | 7 |
| M171528 | | 7 | 310 | <2 | <0.01 | 2 | 1 | 4 | <0.01 | <10 | <10 | 4 | <10 | 8 |
| M171529 | | 8 | 240 | <2 | <0.01 | 2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 7 |
| M171530 | | 5 | 100 | <2 | 0.03 | <2 | <1 | 4 | <0.01 | <10 | <10 | 1 | <10 | 3 |
| M171531 | | 5 | 110 | 3 | 0.07 | 2 | 1 | 10 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| M171532 | | 5 | 50 | <2 | 0.01 | 2 | 1 | 5 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| M171533 | | 4 | 30 | <2 | 0.02 | <2 | <1 | 6 | <0.01 | <10 | <10 | 1 | <10 | 4 |
| M171534 | | 4 | 60 | <2 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 7 |
| M171535 | | 5 | 130 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 8 |
| M171536 | | 3 | 70 | 9 | <0.01 | 2 | 1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 6 |

Comments: NSS is non-sufficient sample.



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Page #: 1
Date : 29-Oct-2003
Account: NJY

CERTIFICATE VA03040026

Project : Z-03-18/19

P.O. No:

This report is for 74 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 9-Oct-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-21 | Crush entire sample 70% < 6 mm |
| PUL-21 | Pulverize entire sample |
| LOG-24 | Pulp Login - Rcd w/o Barcode |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-SCRa | Au Screen FA - Over Wt. A | WST-SIM |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Total # of pages : 3 (A - C)
Date : 29-Oct-2003
Account: NJY

Project : Z-03-18/19

CERTIFICATE OF ANALYSIS VA03040026

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M171537 | | 2.56 | 0.11 | <0.05 | 0.12 | <0.001 | 5.25 | 2451 | 0.14 | 0.09 | <0.2 | 0.22 | <2 | <10 | 80 | <0.5 |
| M171538 | | 2.66 | 0.36 | 1.74 | 0.35 | 0.045 | 25.93 | 2595 | 0.29 | 0.40 | 0.2 | 0.26 | 3 | <10 | 100 | <0.5 |
| M171539 | | 2.48 | 0.24 | 7.97 | 0.22 | 0.047 | 5.90 | 2443 | 0.23 | 0.21 | 0.2 | 0.30 | 2 | <10 | 110 | <0.5 |
| M171540 | | 2.46 | 0.21 | 5.33 | 0.20 | 0.050 | 9.38 | 2438 | 0.19 | 0.20 | 0.2 | 0.25 | <2 | <10 | 70 | <0.5 |
| M171541 | | 2.38 | <0.05 | 0.54 | <0.05 | 0.002 | 3.73 | 2371 | 0.01 | <0.01 | 0.2 | 0.34 | 2 | <10 | 110 | <0.5 |
| M171542 | | 2.46 | <0.05 | <0.05 | <0.05 | <0.001 | 19.91 | 2427 | <0.01 | <0.01 | <0.2 | 0.17 | <2 | <10 | 40 | <0.5 |
| M171543 | | 2.12 | <0.05 | <0.05 | <0.05 | <0.001 | 2.06 | 2070 | 0.02 | 0.02 | <0.2 | 0.26 | 2 | <10 | 40 | <0.5 |
| M171544 | | 2.32 | <0.05 | 0.33 | <0.05 | 0.018 | 53.87 | 2256 | <0.01 | <0.01 | <0.2 | 0.12 | <2 | <10 | 30 | <0.5 |
| M171545 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 9.70 | 9.83 | 18.6 | 1.94 | 18 | <10 | 100 | <0.5 |
| M171546 | | 2.68 | <0.05 | <0.05 | <0.05 | <0.001 | 6.33 | 2511 | <0.01 | <0.01 | <0.2 | 0.18 | 2 | <10 | 40 | <0.5 |
| M171547 | | 2.30 | <0.05 | <0.05 | <0.05 | <0.001 | 3.10 | 2177 | 0.01 | 0.01 | <0.2 | 0.19 | 2 | <10 | 30 | <0.5 |
| M171548 | | 2.02 | <0.05 | <0.05 | <0.05 | <0.001 | 14.11 | 1922.5 | <0.01 | <0.01 | <0.2 | 0.14 | 2 | <10 | 50 | <0.5 |
| M171549 | | 2.10 | <0.05 | <0.05 | <0.05 | <0.001 | 11.32 | 2023 | <0.01 | <0.01 | <0.2 | 0.23 | 3 | <10 | 30 | <0.5 |
| M171550 | | 2.32 | <0.05 | 2.50 | <0.05 | 0.036 | 14.42 | 2245 | 0.01 | 0.01 | <0.2 | 0.22 | <2 | <10 | 40 | <0.5 |
| M171551 | | 2.58 | <0.05 | <0.05 | <0.05 | <0.001 | 12.13 | 2479 | <0.01 | <0.01 | <0.2 | 0.26 | <2 | <10 | 60 | <0.5 |
| M171552 | | 2.50 | <0.05 | <0.05 | <0.05 | <0.001 | 38.67 | 2395 | <0.01 | <0.01 | <0.2 | 0.14 | <2 | <10 | 30 | <0.5 |
| M171553 | | 2.36 | <0.05 | <0.05 | <0.05 | <0.001 | 37.74 | 2240 | 0.01 | <0.01 | <0.2 | 0.19 | 4 | <10 | 40 | <0.5 |
| M171554 | | 2.98 | <0.05 | <0.05 | <0.05 | <0.001 | 20.02 | 2899 | 0.01 | 0.01 | <0.2 | 0.26 | <2 | <10 | 90 | <0.5 |
| M171555 | | 2.70 | <0.05 | <0.05 | <0.05 | <0.001 | 44.41 | 2397 | 0.01 | 0.01 | <0.2 | 0.17 | 2 | <10 | 60 | <0.5 |
| M171556 | | 2.72 | <0.05 | <0.05 | <0.05 | <0.001 | 19.67 | 2614 | 0.02 | 0.01 | <0.2 | 0.26 | 3 | <10 | 50 | <0.5 |
| M171557 | | 2.58 | <0.05 | 0.87 | <0.05 | 0.007 | 8.06 | 2356 | 0.01 | 0.01 | <0.2 | 0.25 | 4 | <10 | 80 | <0.5 |
| M171558 | | 2.28 | <0.05 | <0.05 | <0.05 | <0.001 | 24.62 | 2193 | <0.01 | <0.01 | <0.2 | 0.20 | 2 | <10 | 30 | <0.5 |
| M171559 | | 2.56 | <0.05 | <0.05 | <0.05 | <0.001 | 11.73 | 2494 | <0.01 | <0.01 | <0.2 | 0.21 | <2 | <10 | 30 | <0.5 |
| M171560 | | 2.30 | <0.05 | <0.05 | <0.05 | <0.001 | 20.38 | 2226 | <0.01 | 0.01 | <0.2 | 0.15 | 3 | <10 | 20 | <0.5 |
| M171561 | | 2.42 | <0.05 | <0.05 | <0.05 | <0.001 | 8.70 | 2327 | <0.01 | <0.01 | <0.2 | 0.23 | <2 | <10 | 20 | <0.5 |
| M171562 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 11.35 | 11.50 | 22.8 | 1.82 | 19 | <10 | 100 | <0.5 |
| M171563 | | 2.26 | <0.05 | <0.05 | <0.05 | <0.001 | 20.28 | 2155 | <0.01 | 0.01 | <0.2 | 0.30 | <2 | <10 | 30 | <0.5 |
| M171564 | | 2.48 | <0.05 | <0.05 | <0.05 | <0.001 | 15.95 | 2368 | <0.01 | <0.01 | <0.2 | 0.28 | 2 | <10 | 30 | <0.5 |
| M171565 | | 2.32 | <0.05 | <0.05 | <0.05 | <0.001 | 15.13 | 2214 | <0.01 | 0.01 | <0.2 | 0.35 | 3 | <10 | 40 | <0.5 |
| M171566 | | 2.38 | <0.05 | <0.05 | <0.05 | <0.001 | 15.26 | 2289 | <0.01 | 0.01 | <0.2 | 0.30 | <2 | <10 | 40 | <0.5 |
| M171567 | | 1.44 | <0.05 | <0.05 | <0.05 | <0.001 | 10.33 | 1374.0 | <0.01 | <0.01 | <0.2 | 0.31 | <2 | <10 | 50 | <0.5 |
| M171568 | | 2.08 | <0.05 | <0.05 | <0.05 | <0.001 | 40.27 | 1973.5 | <0.01 | <0.01 | <0.2 | 0.22 | 5 | <10 | 50 | <0.5 |
| M171569 | | 2.96 | <0.05 | <0.05 | <0.05 | <0.001 | 21.53 | 2822 | <0.01 | <0.01 | <0.2 | 0.36 | 2 | <10 | 100 | 0.6 |
| M171570 | | 4.08 | <0.05 | <0.05 | <0.05 | <0.001 | 32.16 | 3887 | <0.01 | 0.01 | <0.2 | 0.20 | <2 | <10 | 30 | <0.5 |
| M171571 | | 2.26 | <0.05 | <0.05 | <0.05 | <0.001 | 53.31 | 2060 | <0.01 | <0.01 | <0.2 | 0.24 | 4 | <10 | 30 | <0.5 |
| M171572 | | 2.60 | <0.05 | <0.05 | <0.05 | <0.001 | 21.56 | 2508 | <0.01 | <0.01 | <0.2 | 0.22 | 2 | <10 | 20 | <0.5 |
| M171573 | | 2.26 | <0.05 | <0.05 | <0.05 | <0.001 | 24.67 | 2172 | <0.01 | <0.01 | <0.2 | 0.29 | 2 | <10 | 30 | <0.5 |
| M171574 | | 2.30 | <0.05 | <0.05 | <0.05 | <0.001 | 23.38 | 2192 | <0.01 | <0.01 | <0.2 | 0.22 | 3 | <10 | 20 | <0.5 |
| M171575 | | 2.34 | <0.05 | <0.05 | <0.05 | <0.001 | 38.38 | 2174 | <0.01 | <0.01 | <0.2 | 0.65 | 4 | <10 | 40 | 0.8 |
| M171576 | | 2.76 | <0.05 | <0.05 | <0.05 | <0.001 | 24.78 | 2606 | <0.01 | 0.01 | <0.2 | 0.39 | 2 | <10 | 70 | 0.5 |

Comments: NSS is non-sufficient sample.



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Date : 29-Oct-2003
Account: NJY

Project : Z-03-18/19

CERTIFICATE OF ANALYSIS VA03040026

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M171577 | | 2.72 | <0.05 | <0.05 | <0.05 | <0.001 | 19.77 | 2601 | <0.01 | <0.01 | <0.2 | 0.38 | 3 | <10 | 80 | <0.5 |
| M171578 | | 1.74 | <0.05 | <0.05 | <0.05 | <0.001 | 23.56 | 1650.5 | <0.01 | 0.03 | <0.2 | 0.26 | 2 | <10 | 40 | <0.5 |
| M171579 | | 2.52 | <0.05 | <0.05 | <0.05 | <0.001 | 21.65 | 2382 | <0.01 | <0.01 | <0.2 | 0.43 | <2 | <10 | 110 | 0.5 |
| M171580 | | 1.42 | <0.05 | <0.05 | <0.05 | <0.001 | 18.12 | 1323.5 | <0.01 | <0.01 | <0.2 | 0.32 | <2 | <10 | 80 | <0.5 |
| M171581 | | 0.10 | | | | | | | 11.10 | 11.15 | 23.2 | 1.85 | 26 | <10 | 110 | <0.5 |
| M171582 | | 1.34 | <0.05 | <0.05 | <0.05 | <0.001 | 27.26 | 1255.0 | 0.01 | 0.01 | <0.2 | 0.28 | <2 | <10 | 160 | <0.5 |
| M171583 | | 1.46 | <0.05 | <0.05 | <0.05 | <0.001 | 25.01 | 1442.0 | 0.01 | 0.01 | <0.2 | 0.37 | 4 | <10 | 90 | <0.5 |
| M171584 | | 1.06 | <0.05 | <0.05 | <0.05 | <0.001 | 16.50 | 1044.0 | <0.01 | <0.01 | <0.2 | 0.29 | 3 | <10 | 40 | <0.5 |
| M171585 | | 2.40 | <0.05 | <0.05 | <0.05 | <0.001 | 5.76 | 2347 | 0.02 | 0.02 | <0.2 | 0.44 | <2 | <10 | 60 | <0.5 |
| M171586 | | 1.40 | 0.55 | 0.42 | 0.56 | 0.006 | 14.15 | 1404.0 | 0.59 | 0.52 | 0.3 | 0.27 | 4 | <10 | 50 | <0.5 |
| M171587 | | 1.10 | <0.05 | <0.05 | <0.05 | <0.001 | 3.20 | 1063.0 | 0.03 | 0.04 | <0.2 | 0.27 | 12 | <10 | 50 | <0.5 |
| M171588 | | 1.00 | 0.05 | <0.05 | 0.05 | <0.001 | 10.64 | 1005.5 | 0.04 | 0.06 | 0.9 | 0.62 | 8 | <10 | 50 | 0.6 |
| M171589 | | 0.96 | 0.05 | 1.39 | <0.05 | 0.005 | 3.61 | 954.2 | 0.06 | 0.02 | 3.1 | 0.28 | 18 | <10 | 60 | <0.5 |
| M171590 | | 1.56 | <0.05 | <0.05 | <0.05 | <0.001 | 35.93 | 1490.0 | <0.01 | 0.01 | 0.4 | 0.31 | 33 | <10 | 60 | <0.5 |
| M171591 | | 1.10 | <0.05 | <0.05 | <0.05 | <0.001 | 4.25 | 1092.5 | 0.01 | 0.03 | 0.3 | 0.21 | 10 | <10 | 30 | <0.5 |
| M171592 | | 1.10 | <0.05 | <0.05 | <0.05 | <0.001 | 12.32 | 1103.5 | <0.01 | 0.02 | 0.2 | 0.21 | 12 | <10 | 30 | <0.5 |
| M171593 | | 1.66 | <0.05 | <0.05 | <0.05 | <0.001 | 19.05 | 1602.5 | 0.03 | 0.01 | <0.2 | 0.34 | 6 | <10 | 50 | <0.5 |
| M171594 | | 1.18 | <0.05 | <0.05 | <0.05 | <0.001 | 29.42 | 1165.0 | <0.01 | 0.01 | <0.2 | 0.12 | 3 | <10 | 20 | <0.5 |
| M171595 | | 1.00 | <0.05 | 1.38 | <0.05 | 0.006 | 4.35 | 981.3 | 0.02 | 0.01 | 3.6 | 0.18 | 2 | <10 | 20 | <0.5 |
| M171596 | | 1.50 | 0.09 | <0.05 | 0.10 | 0.001 | 40.88 | 1459.0 | 0.09 | 0.10 | 0.2 | 0.30 | 4 | <10 | 40 | <0.5 |
| M171597 | | 1.02 | <0.05 | <0.05 | <0.05 | <0.001 | 4.40 | 1000.0 | <0.01 | 0.01 | <0.2 | 0.45 | <2 | <10 | 60 | 0.6 |
| M171598 | | 1.48 | <0.05 | <0.05 | <0.05 | <0.001 | 20.88 | 1442.5 | <0.01 | <0.01 | <0.2 | 0.43 | <2 | <10 | 50 | 0.6 |
| M171599 | | 1.24 | 0.10 | 0.16 | 0.10 | 0.001 | 6.33 | 1221.5 | 0.10 | 0.09 | 0.3 | 0.34 | 2 | <10 | 80 | <0.5 |
| M171600 | | 0.10 | | | | | | | 9.61 | 9.77 | 19.0 | 1.82 | 18 | <10 | 100 | <0.5 |
| M171601 | | 2.28 | <0.05 | <0.05 | <0.05 | <0.001 | 22.55 | 2131 | 0.01 | 0.01 | <0.2 | 0.46 | <2 | <10 | 60 | 0.6 |
| M171602 | | 3.22 | <0.05 | <0.05 | <0.05 | <0.001 | 12.75 | 3019 | <0.01 | <0.01 | <0.2 | 0.35 | <2 | <10 | 130 | <0.5 |
| M171603 | | 2.34 | <0.05 | <0.05 | <0.05 | <0.001 | 14.31 | 2194 | 0.01 | <0.01 | <0.2 | 0.37 | <2 | <10 | 50 | <0.5 |
| M171604 | | 2.40 | <0.05 | <0.05 | <0.05 | <0.001 | 16.98 | 2265 | <0.01 | <0.01 | <0.2 | 0.51 | <2 | <10 | 70 | 0.5 |
| M171605 | | 2.80 | <0.05 | <0.05 | <0.05 | <0.001 | 6.14 | 2651 | 0.01 | <0.01 | <0.2 | 0.34 | <2 | <10 | 60 | <0.5 |
| M171606 | | 2.54 | <0.05 | <0.05 | <0.05 | <0.001 | 3.54 | 2443 | <0.01 | <0.01 | <0.2 | 0.31 | <2 | <10 | 180 | <0.5 |
| M171607 | | 2.60 | <0.05 | <0.05 | <0.05 | <0.001 | 12.21 | 2484 | <0.01 | <0.01 | <0.2 | 0.38 | <2 | <10 | 200 | 0.5 |
| M171608 | | 2.36 | <0.05 | <0.05 | <0.05 | <0.001 | 6.26 | 2264 | <0.01 | <0.01 | <0.2 | 0.34 | <2 | <10 | 60 | <0.5 |
| M171609 | | 2.44 | <0.05 | 0.25 | <0.05 | 0.001 | 4.04 | 2346 | <0.01 | <0.01 | <0.2 | 0.31 | <2 | <10 | 80 | <0.5 |

Comments: NSS is non-sufficient sample.



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Account: NJY

Project : Z-03-18/19

CERTIFICATE OF ANALYSIS VA03040026

| Sample Description | Method Analyte Units LOR | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 |
|--------------------|-----------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M171537 | | <2 | 0.08 | <0.5 | 4 | 118 | 12 | 1.08 | <10 | <1 | 0.12 | 20 | 0.16 | 95 | 1 | 0.03 |
| M171538 | | <2 | 0.06 | <0.5 | 5 | 95 | 68 | 1.12 | <10 | <1 | 0.16 | 20 | 0.12 | 93 | 1 | 0.01 |
| M171539 | | <2 | 0.05 | <0.5 | 4 | 87 | 93 | 0.92 | <10 | <1 | 0.19 | 20 | 0.07 | 98 | <1 | 0.02 |
| M171540 | | <2 | 0.10 | <0.5 | 2 | 154 | 33 | 0.70 | <10 | <1 | 0.16 | 20 | 0.07 | 102 | 1 | 0.01 |
| M171541 | | <2 | 0.03 | <0.5 | 2 | 138 | 3 | 0.70 | <10 | <1 | 0.16 | 20 | 0.06 | 35 | <1 | 0.03 |
| M171542 | | <2 | 0.11 | <0.5 | 2 | 166 | 2 | 0.70 | <10 | <1 | 0.09 | 20 | 0.07 | 38 | <1 | 0.02 |
| M171543 | | <2 | 0.02 | <0.5 | 2 | 107 | 3 | 0.61 | <10 | <1 | 0.12 | 30 | 0.05 | 42 | <1 | 0.02 |
| M171544 | | <2 | 0.09 | <0.5 | 1 | 101 | 1 | 0.50 | <10 | <1 | 0.06 | 20 | 0.09 | 32 | <1 | 0.02 |
| M171545 | | <2 | 1.32 | 3.0 | 20 | 26 | 168 | 3.61 | 10 | <1 | 0.26 | 10 | 0.99 | 801 | 25 | 0.06 |
| M171546 | | <2 | 0.07 | <0.5 | 1 | 161 | 3 | 0.61 | <10 | <1 | 0.10 | 20 | 0.07 | 29 | 1 | 0.03 |
| M171547 | | <2 | 0.04 | <0.5 | 2 | 152 | 3 | 0.66 | <10 | <1 | 0.09 | 30 | 0.04 | 27 | <1 | 0.03 |
| M171548 | | <2 | 0.11 | <0.5 | 2 | 219 | 2 | 0.63 | <10 | <1 | 0.06 | 20 | 0.08 | 25 | <1 | 0.03 |
| M171549 | | <2 | 0.03 | <0.5 | 2 | 171 | 2 | 0.56 | <10 | <1 | 0.11 | 30 | 0.05 | 23 | <1 | 0.03 |
| M171550 | | <2 | 0.11 | <0.5 | 2 | 193 | 2 | 0.96 | <10 | <1 | 0.13 | 30 | 0.08 | 55 | 1 | 0.02 |
| M171551 | | <2 | 0.08 | <0.5 | 2 | 119 | 1 | 0.82 | <10 | <1 | 0.14 | 30 | 0.07 | 41 | 1 | 0.03 |
| M171552 | | <2 | 0.11 | <0.5 | 1 | 129 | 2 | 0.54 | <10 | <1 | 0.07 | 20 | 0.08 | 43 | 1 | 0.02 |
| M171553 | | <2 | 0.25 | <0.5 | 2 | 79 | 1 | 0.64 | <10 | <1 | 0.10 | 20 | 0.14 | 66 | <1 | 0.02 |
| M171554 | | <2 | 0.20 | <0.5 | 2 | 125 | 1 | 0.88 | <10 | <1 | 0.16 | 30 | 0.13 | 82 | <1 | 0.02 |
| M171555 | | <2 | 0.26 | <0.5 | 2 | 102 | 1 | 0.55 | <10 | <1 | 0.11 | 20 | 0.27 | 82 | 1 | 0.01 |
| M171556 | | <2 | 0.15 | <0.5 | 4 | 123 | 1 | 0.79 | <10 | <1 | 0.17 | 30 | 0.20 | 65 | <1 | 0.01 |
| M171557 | | <2 | 0.15 | <0.5 | 3 | 124 | 1 | 0.77 | <10 | <1 | 0.14 | 20 | 0.15 | 62 | <1 | 0.02 |
| M171558 | | <2 | 0.33 | <0.5 | 2 | 121 | 1 | 0.49 | <10 | <1 | 0.11 | 20 | 0.19 | 92 | 1 | 0.01 |
| M171559 | | <2 | 0.23 | <0.5 | 2 | 145 | 1 | 0.53 | <10 | <1 | 0.11 | 30 | 0.16 | 63 | <1 | 0.02 |
| M171560 | | <2 | 0.06 | <0.5 | 1 | 166 | 1 | 0.45 | <10 | <1 | 0.06 | 20 | 0.08 | 22 | 1 | 0.02 |
| M171561 | | <2 | 0.03 | <0.5 | 1 | 175 | 2 | 0.42 | <10 | <1 | 0.07 | 20 | 0.09 | 16 | 1 | 0.03 |
| M171562 | | <2 | 0.99 | 3.6 | 20 | 27 | 180 | 3.64 | 10 | 1 | 0.26 | 10 | 0.83 | 748 | 30 | 0.04 |
| M171563 | | <2 | 0.01 | <0.5 | 5 | 65 | 2 | 1.07 | <10 | <1 | 0.17 | 30 | 0.03 | 79 | <1 | 0.01 |
| M171564 | | <2 | 0.01 | <0.5 | 8 | 128 | 2 | 1.16 | <10 | <1 | 0.16 | 20 | 0.03 | 91 | 1 | 0.01 |
| M171565 | | <2 | 0.01 | <0.5 | 7 | 78 | 1 | 1.28 | <10 | <1 | 0.21 | 30 | 0.03 | 162 | 1 | 0.01 |
| M171566 | | <2 | 0.03 | <0.5 | 6 | 131 | 1 | 1.27 | <10 | <1 | 0.17 | 30 | 0.04 | 130 | 1 | <0.01 |
| M171567 | | <2 | 0.07 | <0.5 | 4 | 88 | 1 | 0.88 | <10 | <1 | 0.20 | 30 | 0.06 | 78 | <1 | 0.01 |
| M171568 | | <2 | 0.05 | <0.5 | 5 | 86 | 2 | 0.99 | <10 | <1 | 0.14 | 20 | 0.08 | 57 | 1 | 0.01 |
| M171569 | | <2 | 0.10 | <0.5 | 5 | 59 | 1 | 1.58 | <10 | <1 | 0.24 | 30 | 0.08 | 75 | <1 | 0.01 |
| M171570 | | <2 | 0.03 | <0.5 | 3 | 172 | 1 | 0.72 | <10 | <1 | 0.12 | 20 | 0.04 | 43 | 1 | 0.01 |
| M171571 | | <2 | 0.04 | <0.5 | 2 | 146 | 1 | 0.45 | <10 | <1 | 0.13 | 20 | 0.05 | 30 | 1 | 0.02 |
| M171572 | | <2 | 0.03 | <0.5 | 2 | 216 | 1 | 0.48 | <10 | <1 | 0.14 | 20 | 0.03 | 29 | 1 | 0.01 |
| M171573 | | <2 | 0.04 | <0.5 | 2 | 109 | 2 | 0.56 | <10 | <1 | 0.11 | 30 | 0.08 | 38 | <1 | 0.01 |
| M171574 | | <2 | 0.11 | <0.5 | 3 | 159 | 1 | 0.58 | <10 | <1 | 0.05 | 20 | 0.11 | 66 | 1 | 0.01 |
| M171575 | | <2 | 0.16 | <0.5 | 5 | 81 | 1 | 0.91 | <10 | <1 | 0.09 | 30 | 0.33 | 66 | <1 | 0.01 |
| M171576 | | <2 | 0.16 | <0.5 | 6 | 97 | 1 | 1.84 | <10 | <1 | 0.20 | 30 | 0.14 | 93 | <1 | <0.01 |

Comments: NSS is non-sufficient sample.



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Project : Z-03-18/19

CERTIFICATE OF ANALYSIS VA03040026

| Sample Description | Method Analyte Units LOR | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 |
|--------------------|-----------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M171577 | | <2 | 0.19 | <0.5 | 4 | 103 | 1 | 1.43 | <10 | <1 | 0.17 | 30 | 0.13 | 68 | <1 | 0.01 |
| M171578 | | <2 | 0.10 | <0.5 | 4 | 123 | <1 | 1.44 | <10 | <1 | 0.14 | 20 | 0.20 | 62 | <1 | 0.02 |
| M171579 | | <2 | 0.18 | <0.5 | 6 | 53 | 1 | 1.78 | <10 | <1 | 0.23 | 30 | 0.27 | 80 | 1 | 0.01 |
| M171580 | | <2 | 0.14 | <0.5 | 7 | 30 | <1 | 2.91 | <10 | <1 | 0.21 | 40 | 0.07 | 108 | <1 | <0.01 |
| M171581 | | <2 | 1.02 | 3.7 | 21 | 27 | 180 | 3.71 | 10 | <1 | 0.27 | 10 | 0.84 | 763 | 30 | 0.04 |
| M171582 | | <2 | 0.14 | <0.5 | 10 | 164 | 1 | 2.58 | <10 | <1 | 0.18 | 30 | 0.14 | 182 | 1 | <0.01 |
| M171583 | | <2 | 0.18 | <0.5 | 7 | 124 | 1 | 2.37 | <10 | <1 | 0.17 | 20 | 0.25 | 133 | <1 | 0.01 |
| M171584 | | <2 | 0.17 | <0.5 | 4 | 217 | 2 | 1.36 | <10 | <1 | 0.14 | 20 | 0.19 | 109 | 1 | 0.02 |
| M171585 | | <2 | 0.15 | <0.5 | 5 | 117 | 2 | 1.38 | <10 | <1 | 0.20 | 30 | 0.18 | 101 | <1 | 0.01 |
| M171586 | | <2 | 0.09 | <0.5 | 5 | 105 | 10 | 1.13 | <10 | <1 | 0.20 | 20 | 0.09 | 105 | 1 | 0.01 |
| M171587 | | <2 | 0.43 | 0.5 | 13 | 252 | 4 | 1.78 | <10 | <1 | 0.10 | 30 | 0.23 | 294 | <1 | 0.01 |
| M171588 | | <2 | 0.64 | 0.5 | 7 | 164 | 2 | 1.50 | <10 | 1 | 0.12 | 10 | 0.48 | 177 | <1 | 0.01 |
| M171589 | | 4 | 4.88 | 1.3 | 8 | 208 | 2 | 3.47 | 10 | <1 | 0.11 | <10 | 2.01 | 467 | <1 | <0.01 |
| M171590 | | <2 | 0.36 | 0.8 | 13 | 100 | 1 | 2.37 | <10 | <1 | 0.14 | 30 | 0.20 | 230 | <1 | 0.01 |
| M171591 | | <2 | 0.55 | 1.2 | 9 | 205 | 2 | 1.91 | 10 | <1 | 0.11 | 20 | 0.68 | 214 | 1 | 0.01 |
| M171592 | | <2 | 0.39 | 0.5 | 8 | 184 | 2 | 1.85 | <10 | <1 | 0.12 | 20 | 0.33 | 179 | <1 | 0.01 |
| M171593 | | <2 | 0.18 | <0.5 | 6 | 141 | 2 | 1.40 | <10 | <1 | 0.16 | 30 | 0.13 | 104 | <1 | 0.01 |
| M171594 | | <2 | 0.21 | <0.5 | 3 | 205 | 2 | 0.87 | <10 | <1 | 0.05 | 10 | 0.10 | 86 | <1 | 0.01 |
| M171595 | | 4 | 0.32 | <0.5 | 2 | 238 | 2 | 0.66 | <10 | <1 | 0.10 | 10 | 0.16 | 59 | <1 | 0.01 |
| M171596 | | <2 | 0.18 | <0.5 | 5 | 85 | 1 | 1.64 | <10 | <1 | 0.17 | 30 | 0.33 | 125 | 1 | 0.01 |
| M171597 | | <2 | 0.10 | 0.5 | 5 | 64 | 1 | 1.67 | <10 | 1 | 0.20 | 30 | 0.37 | 85 | <1 | 0.01 |
| M171598 | | <2 | 0.09 | <0.5 | 7 | 45 | <1 | 1.96 | <10 | <1 | 0.17 | 30 | 0.14 | 98 | <1 | <0.01 |
| M171599 | | <2 | 0.14 | 2.8 | 4 | 131 | 3 | 1.36 | <10 | <1 | 0.12 | 20 | 0.14 | 87 | 1 | 0.01 |
| M171600 | | <2 | 1.36 | 3.7 | 20 | 26 | 164 | 3.54 | 10 | <1 | 0.25 | 10 | 0.94 | 783 | 25 | 0.06 |
| M171601 | | <2 | 0.09 | <0.5 | 5 | 37 | 1 | 1.27 | <10 | <1 | 0.17 | 30 | 0.14 | 72 | <1 | 0.01 |
| M171602 | | <2 | 0.11 | <0.5 | 3 | 129 | 1 | 1.03 | <10 | <1 | 0.14 | 20 | 0.18 | 61 | <1 | 0.02 |
| M171603 | | <2 | 0.53 | <0.5 | 4 | 78 | 1 | 1.10 | <10 | <1 | 0.16 | 30 | 0.33 | 128 | 1 | 0.01 |
| M171604 | | <2 | 0.12 | <0.5 | 5 | 118 | 1 | 1.28 | <10 | <1 | 0.17 | 30 | 0.26 | 61 | <1 | 0.01 |
| M171605 | | <2 | 0.04 | <0.5 | 3 | 96 | 1 | 1.38 | <10 | <1 | 0.19 | 20 | 0.23 | 64 | <1 | 0.02 |
| M171606 | | <2 | 0.13 | <0.5 | 5 | 137 | 1 | 1.39 | <10 | <1 | 0.18 | 30 | 0.39 | 80 | <1 | 0.02 |
| M171607 | | <2 | 0.09 | <0.5 | 5 | 72 | 1 | 1.30 | <10 | <1 | 0.24 | 30 | 0.24 | 80 | <1 | 0.01 |
| M171608 | | <2 | 0.20 | <0.5 | 3 | 141 | 1 | 1.05 | <10 | <1 | 0.16 | 30 | 0.22 | 55 | <1 | 0.02 |
| M171609 | | <2 | 0.22 | <0.5 | 6 | 142 | 1 | 1.15 | <10 | <1 | 0.16 | 30 | 0.49 | 102 | <1 | 0.02 |

Comments: NSS is non-sufficient sample.



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CERTIFICATE OF ANALYSIS VA03040026

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|----------------|---------------|----------------|----------------|
| | | Ni ppm 1 | P ppm 10 | Pb ppm 2 | S % 0.01 | Sb ppm 2 | Sc ppm 1 | Sr ppm 1 | Ti % 0.01 | Ti ppm 10 | U ppm 10 | V ppm 1 | W ppm 10 | Zn ppm 2 |
| M171537 | | 5 | 100 | <2 | 0.05 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 11 |
| M171538 | | 6 | 90 | 3 | 0.20 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 10 |
| M171539 | | 6 | 110 | 2 | 0.04 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 10 |
| M171540 | | 4 | 80 | <2 | 0.06 | <2 | 1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 9 |
| M171541 | | 4 | 100 | 3 | 0.02 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 7 |
| M171542 | | 5 | 70 | 3 | 0.02 | <2 | 1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| M171543 | | 4 | 100 | 3 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 7 |
| M171544 | | 2 | 50 | <2 | 0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| M171545 | | 16 | 630 | 41 | 1.12 | <2 | 8 | 60 | 0.08 | <10 | <10 | 78 | <10 | 112 |
| M171546 | | 3 | 90 | 3 | 0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 12 |
| M171547 | | 3 | 70 | 3 | 0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| M171548 | | 3 | 50 | 3 | 0.07 | <2 | <1 | 4 | <0.01 | <10 | <10 | 1 | <10 | 4 |
| M171549 | | 3 | 80 | 2 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 5 |
| M171550 | | 5 | 130 | 3 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 5 |
| M171551 | | 5 | 100 | 2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 5 |
| M171552 | | 3 | 60 | <2 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 3 |
| M171553 | | 4 | 100 | 3 | <0.01 | 2 | 1 | 6 | <0.01 | <10 | <10 | 1 | <10 | 4 |
| M171554 | | 5 | 170 | <2 | <0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 5 |
| M171555 | | 3 | 80 | <2 | <0.01 | <2 | 1 | 7 | <0.01 | <10 | <10 | 1 | <10 | 9 |
| M171556 | | 6 | 220 | <2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 13 |
| M171557 | | 5 | 100 | <2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 10 |
| M171558 | | 5 | 110 | <2 | <0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 1 | <10 | 4 |
| M171559 | | 4 | 70 | 2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 4 |
| M171560 | | 4 | 60 | 2 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 3 |
| M171561 | | 3 | 60 | <2 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 3 |
| M171562 | | 19 | 590 | 37 | 1.25 | <2 | 7 | 47 | 0.08 | <10 | <10 | 76 | <10 | 112 |
| M171563 | | 6 | 150 | 3 | <0.01 | <2 | 1 | 1 | <0.01 | <10 | <10 | 2 | <10 | 19 |
| M171564 | | 8 | 100 | 2 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 23 |
| M171565 | | 8 | 110 | 2 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 3 | <10 | 24 |
| M171566 | | 9 | 190 | 2 | <0.01 | 2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 25 |
| M171567 | | 7 | 160 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 10 |
| M171568 | | 8 | 150 | 3 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 3 | <10 | 14 |
| M171569 | | 12 | 280 | <2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 3 | <10 | 16 |
| M171570 | | 7 | 70 | <2 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 14 |
| M171571 | | 3 | 90 | 4 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 7 |
| M171572 | | 5 | 60 | 2 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 5 |
| M171573 | | 3 | 60 | <2 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 11 |
| M171574 | | 4 | 30 | <2 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 12 |
| M171575 | | 6 | 60 | 2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 1 | <10 | 19 |
| M171576 | | 14 | 470 | 3 | 0.01 | <2 | 2 | 5 | <0.01 | <10 | <10 | 2 | <10 | 28 |

Comments: NSS is non-sufficient sample.



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CERTIFICATE OF ANALYSIS VA03040026

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 | ME-ICP41 Ti % 0.01 | ME-ICP41 Ti ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 |
|--------------------|-----------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|
| M171577 | | 10 | 190 | 2 | <0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 16 |
| M171578 | | 9 | 110 | 2 | 0.02 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 17 |
| M171579 | | 14 | 380 | 2 | 0.03 | <2 | 1 | 6 | <0.01 | <10 | <10 | 3 | <10 | 19 |
| M171580 | | 16 | 620 | 2 | 0.01 | <2 | 2 | 7 | <0.01 | <10 | <10 | 2 | <10 | 25 |
| M171581 | | 20 | 590 | 38 | 1.26 | <2 | 7 | 48 | 0.08 | <10 | <10 | 77 | <10 | 112 |
| M171582 | | 15 | 480 | <2 | 0.01 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 41 |
| M171583 | | 12 | 320 | <2 | 0.22 | <2 | 2 | 8 | <0.01 | <10 | <10 | 2 | <10 | 39 |
| M171584 | | 7 | 180 | 2 | 0.02 | 2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 20 |
| M171585 | | 8 | 190 | 5 | 0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 18 |
| M171586 | | 7 | 140 | 16 | 0.06 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 17 |
| M171587 | | 19 | 60 | 6 | 0.01 | <2 | 1 | 13 | <0.01 | <10 | <10 | 2 | <10 | 47 |
| M171588 | | 9 | 90 | 363 | 0.01 | <2 | 1 | 36 | <0.01 | <10 | <10 | 1 | <10 | 27 |
| M171589 | | 12 | 870 | 1590 | 0.01 | <2 | 4 | 384 | <0.01 | <10 | 10 | 3 | <10 | 43 |
| M171590 | | 16 | 240 | 159 | <0.01 | <2 | 2 | 14 | <0.01 | <10 | <10 | 2 | <10 | 61 |
| M171591 | | 11 | 70 | 8 | 0.01 | <2 | 1 | 19 | <0.01 | <10 | <10 | 2 | <10 | 74 |
| M171592 | | 12 | 70 | 6 | 0.02 | <2 | 1 | 12 | <0.01 | <10 | <10 | 2 | <10 | 29 |
| M171593 | | 8 | 300 | 4 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 24 |
| M171594 | | 5 | 110 | 3 | <0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 1 | <10 | 12 |
| M171595 | | 3 | 60 | 1660 | 0.04 | <2 | 1 | 18 | <0.01 | <10 | <10 | 1 | <10 | 8 |
| M171596 | | 9 | 190 | 7 | 0.03 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 23 |
| M171597 | | 9 | 220 | 7 | 0.03 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 21 |
| M171598 | | 12 | 290 | 5 | 0.01 | 2 | 2 | 4 | <0.01 | <10 | <10 | 2 | <10 | 26 |
| M171599 | | 6 | 140 | 347 | 0.03 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 275 |
| M171600 | | 17 | 620 | 35 | 1.11 | <2 | 7 | 57 | 0.08 | <10 | 10 | 77 | <10 | 112 |
| M171601 | | 7 | 210 | 4 | 0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 25 |
| M171602 | | 6 | 110 | 3 | 0.03 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 13 |
| M171603 | | 7 | 160 | 2 | 0.01 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 16 |
| M171604 | | 8 | 160 | 2 | 0.02 | <2 | 1 | 4 | <0.01 | <10 | <10 | 3 | <10 | 16 |
| M171605 | | 7 | 70 | 3 | 0.05 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 13 |
| M171606 | | 7 | 110 | <2 | 0.02 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 15 |
| M171607 | | 9 | 190 | <2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 15 |
| M171608 | | 5 | 130 | <2 | <0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 3 | <10 | 10 |
| M171609 | | 8 | 150 | <2 | <0.01 | 2 | 1 | 7 | <0.01 | <10 | <10 | 3 | <10 | 17 |

Comments: NSS is non-sufficient sample.

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-19

LENGTH: 98.1 M.

| | | | |
|---|---------------------------------|------------------------|-------------------------------|
| PROPERTY: ZINGER | | HORI. COMP: 69.37 | DRILL CONTRACTOR: Lone Ranger |
| LOCATION: RIDGE NORTH WEST OF GOLD RUN LAKE | | VERT. COMP: 69.37 | |
| COMMENCED: OCTOBER 6, 2003 | COMPLETED: October 9, 2003 | CORR. DIP: -45° | CORE SIZE: NQ |
| COORDS: Long. | Lat. | TRUE BEARING: 166° Azi | CASING: 3.0 |
| COORDS: UTM (E) 558310 | (N) 5474100 (EL) | % RECOVERY: | CORE STORAGE: Vine Properties |
| COORDS: Grid (E) | (N) (EL) | LOGGED DATE: Oct. 2003 | |
| ELEVATION: 2080 METERS | COLLAR: Dip: -45° Azi: 166° Azi | LOGGED BY: D.L. Pighin | |
| OBJECTIVE: | | | |
| SURVEYS: Depth: | Dip: Azi: | Type: | |
| ADDITIONAL SURVEYS: | | | |
| Depth: | Dip: Azi: | | |

| From | To | LITHOLOGY: Quartzite interbedded argillite (unit 10% argillite). |
|------|------|--|
| 3.0 | 20.5 | COLOR: Quartzites are light brownish maroon, finely parallel lineated by maroon and yellow colors. Argillite yellowish green. |
| | | PRIMARY STRUCTURE: Medium to thin bedded, bedding is sharp and generally wavy. Quartzites are fine grained and finely parallel laminated. Bedding to core axis at 4.0 m. = 45°, at 5.5 m. = 22°, at 7.0 m. = 52°, at 14.0 m. = 60°, at 19.5 m = 40°. |
| | | TECTONIC STRUCTURE: Widely scattered thin fractures, cut core axis at 50° D18° V32°. |
| | | GENERAL ALTERATION: Generally silicified, sericitized, cut by talc and siliceous veils or yellow sericite. Strongly disseminated limonite in sediments overprints all previous alteration. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Fractures are rarely more than 2mm. thick and are generally strongly mineralized by limonite and minor quartz. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|----|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| STND | | | 7 P A | M 171562 | | 11.35 | 22.8 | 19 | 37 | 112 | 180 |
| 3 | 4 | 0 | Widely scattered thin fractures, strongly mineralized by limonite and minor quartz. | M 171563 | 1 | <0.05 | <0.2 | <2 | 3 | 19 | 2 |
| 4 | 5 | 0 | Widely scattered thin fractures, strongly mineralized by limonite and minor quartz. | M 171564 | 1 | <0.05 | <0.2 | 2 | 2 | 23 | 2 |
| 5 | 6 | 0 | Widely scattered thin fractures, strongly mineralized by limonite and minor quartz. | M 171565 | 1 | <0.05 | <0.2 | 3 | 2 | 24 | 1 |
| 6 | 7 | 0 | Widely scattered thin fractures, strongly mineralized by limonite and minor quartz. | M 171566 | 1 | <0.05 | <0.2 | <2 | 2 | 25 | 1 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-19

LENGTH: 98.1 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 7 | 8 | 0 | Widely scattered thin fractures, strongly mineralized by limonite and minor quartz. | M 171567 | 1 | <0.05 | <0.2 | <2 | <2 | 10 | 1 |
| 8 | 9 | 0 | Widely scattered thin fractures, strongly mineralized by limonite and minor quartz. | M 171568 | 1 | <0.05 | <0.2 | 5 | 3 | 14 | 2 |
| 9 | 10 | 0 | Widely scattered thin fractures, strongly mineralized by limonite and minor quartz. | M 171569 | 1 | <0.05 | <0.2 | 2 | <2 | 16 | 1 |
| 10 | 11 | 0 | Widely scattered thin fractures, strongly mineralized by limonite and minor quartz. | M 171570 | 1 | <0.05 | <0.2 | <2 | <2 | 14 | 1 |
| 11 | 12 | 0 | Widely scattered thin fractures, strongly mineralized by limonite and minor quartz. | M 171571 | 1 | <0.05 | <0.2 | 4 | 4 | 7 | 1 |
| 12 | 13 | 0 | Widely scattered thin fractures, strongly mineralized by limonite and minor quartz. | M 171572 | 1 | <0.05 | <0.2 | 2 | 2 | 5 | 1 |
| 13 | 14 | 0 | Widely scattered thin fractures, strongly mineralized by limonite and minor quartz. | M 171573 | 1 | <0.05 | <0.2 | 2 | <2 | 11 | 2 |
| 14 | 15 | 0 | Widely scattered thin fractures, strongly mineralized by limonite and minor quartz. | M 171574 | 1 | <0.05 | <0.2 | 3 | <2 | 12 | 1 |
| 15 | 16 | 0 | Widely scattered thin fractures, strongly mineralized by limonite and minor quartz. | M 171575 | 1 | <0.05 | <0.2 | 4 | 2 | 19 | 1 |
| 16 | 17 | 0 | Widely scattered thin fractures, strongly mineralized by limonite and minor quartz. | M 171576 | 1 | <0.05 | <0.2 | 2 | 3 | 28 | 1 |
| 17 | 18 | 0 | Widely scattered thin fractures, strongly mineralized by limonite and minor quartz. | M 171577 | 1 | <0.05 | <0.2 | 3 | 2 | 16 | 1 |
| 18 | 19 | 0 | Widely scattered thin fractures, strongly mineralized by limonite and minor quartz. | M 171578 | 1 | <0.05 | <0.2 | 2 | 2 | 17 | <1 |
| 19 | 20 | 0 | Widely scattered thin fractures, strongly mineralized by limonite and minor quartz. | M 171579 | 1 | <0.05 | <0.2 | <2 | 2 | 19 | 1 |
| 20 | 20.5 | 0 | Widely scattered thin fractures, strongly mineralized by limonite and minor quartz. | M 171580 | 0.5 | <0.05 | <0.2 | <2 | 2 | 25 | <1 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z-03-19
LENGTH: 98.1 M.

| From | To | LITHOLOGY: Brecciated quartzite, rare argillite. |
|------|------|---|
| 20.5 | 29.5 | COLOR: Mottled dark brown, light brown, white maroon and yellow. |
| | | PRIMARY STRUCTURE: Not evident due to brecciation and mineralization. |
| | | TECTONIC STRUCTURE: Strongly brecciated 20.5 to 29.5. Fractures (quartz-limonite veins) to core axis @ 50° (parallel to bedding), 12°, 44, 15, (rare), and 32°. |
| | | GENERAL ALTERATION: Brecciated sediments are strongly silicified, sericitized by yellow sericite. The yellow sericite is finely disseminated in host sediments, but it also forms hair thin stylolitic structures through out the mineralized zone, late limonite overprints all previous alteration and is strongly disseminated through the zone. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: From 20.5 to 27.5 vein material quartz and limonite forms 50% of the core by volume. Quartz – limonite veins range in thickness between 2 mm and 20 mm. The quartz veins host abundant limonite after pyrite and siderite. Fresh galena and pyrite is present but is rare. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| STND | | 0 | 62 P B | M 171581 | | 11.1 | 23.2 | 26 | 38 | 112 | 180 |
| 20.5 | 21 | 0 | Strongly brecciated, 50% of core by volume is vein material, well mineralized by limonite, rare galena. | M 171582 | 0.5 | <0.05 | <0.2 | <2 | <2 | 41 | 1 |
| 21 | 21.5 | 0 | Strongly brecciated, 50% of core by volume is vein material, well mineralized by limonite, rare galena. | M 171583 | 0.5 | <0.05 | <0.2 | 4 | <2 | 39 | 1 |
| 21.5 | 22 | 0 | Strongly brecciated, 50% of core by volume is vein material, well mineralized by limonite, rare galena. | M 171584 | 0.5 | <0.05 | <0.2 | 3 | 2 | 20 | 2 |
| 22 | 22.5 | 0 | Strongly brecciated, 50% of core by volume is vein material, well mineralized by limonite, rare galena. | M 171585 | 0.5 | <0.05 | <0.2 | <2 | 5 | 18 | 2 |
| 22.5 | 23 | 0 | Strongly brecciated, 50% of core by volume is vein material, well mineralized by limonite, rare galena. | M 171586 | 0.5 | 0.55 | 0.3 | 4 | 16 | 17 | 10 |
| 23 | 23.5 | 0 | Strongly brecciated, 50% of core by volume is vein material, well mineralized by limonite, rare galena. | M 171587 | 0.5 | <0.05 | <0.2 | 12 | 6 | 47 | 4 |
| 23.5 | 24 | 0 | Strongly brecciated, 50% of core by volume is vein material, well mineralized by limonite, rare galena. | M 171588 | 0.5 | 0.05 | 0.9 | 8 | 363 | 27 | 2 |
| 24 | 24.5 | 0 | Strongly brecciated, 50% of core by volume is vein material, well mineralized by limonite, rare galena. | M 171589 | 0.5 | 0.05 | 3.1 | 18 | 1590 | 43 | 2 |
| 24.5 | 25 | 0 | Strongly brecciated, 50% of core by volume is vein material, well mineralized by limonite, rare galena. | M 171590 | 0.5 | <0.05 | 0.4 | 33 | 159 | 61 | 1 |
| 25 | 25.5 | 0 | Strongly brecciated, 50% of core by volume is vein material, well mineralized by limonite, rare galena. | M 171591 | 0.5 | <0.05 | 0.3 | 10 | 8 | 74 | 2 |
| 25.5 | 26 | 0 | Strongly brecciated, 50% of core by volume is vein material, well mineralized by limonite, rare galena. | M 171592 | 0.5 | <0.05 | 0.2 | 12 | 6 | 29 | 2 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-19

LENGTH: 98.1 M.

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 26 | 26.5 | 0 | Strongly brecciated, 50% of core by volume is vein material, well mineralized by limonite, rare galena. | M 171593 | 0.5 | <0.05 | <0.2 | 6 | 4 | 24 | 2 |
| 26.5 | 27 | 0 | Strongly brecciated, 50% of core by volume is vein material, well mineralized by limonite, rare galena. | M 171594 | 0.5 | <0.05 | <0.2 | 3 | 3 | 12 | 2 |
| 27 | 27.5 | 0 | Strongly brecciated, 50% of core is vein material, generally well mineralized by limonite, some pyrite and galena. | M 171595 | 0.5 | <0.05 | 3.6 | 2 | 1660 | 8 | 2 |
| 27.5 | 28 | 0 | Strongly brecciated, 50% of core is vein material, generally well mineralized by limonite, some pyrite and galena. | M 171596 | 0.5 | 0.09 | 0.2 | 4 | 7 | 23 | 1 |
| 28 | 28.5 | 0 | Strongly brecciated, 50% of core is vein material, generally well mineralized by limonite, some pyrite and galena. | M 171597 | 0.5 | <0.05 | <0.2 | <2 | 7 | 21 | 1 |
| 28.5 | 29 | 0 | Strongly brecciated, 50% of core is vein material, generally well mineralized by limonite, some pyrite and galena. | M 171598 | 0.5 | <0.05 | <0.2 | <2 | 5 | 26 | <1 |
| 29 | 29.5 | 0 | Strongly brecciated, 50% of core is vein material, generally well mineralized by limonite, some pyrite and galena. | M 171599 | 0.5 | 0.1 | 0.3 | 2 | 347 | 275 | 3 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-19

LENGTH: 98.1 M.

| From | To | LITHOLOGY: Quartzite, minor interbedded argillite 5% of unit is argillite. |
|------|-----|---|
| 29.5 | 36. | COLOR: quartz light brownish maroon, parallel laminated by dark maroon and yellow lineation. Argillite yellow. |
| | | PRIMARY STRUCTURE: Medium to thin bedded, bedding is sharp, generally wavy. Quartzites are all fine grained commonly parallel laminated, some crenulated laminations. Argillite generally forms, thin distorted bed partings. Bedding to core at 29.0 = 38°, at 35.0 = 34°. |
| | | TECTONIC STRUCTURE: Weakly fractured throughout interval. Fracture to core axis is as described before. |
| | | GENERAL ALTERATION: Quartzite are intensely silicified and sericitized. Early sericite is white, late yellow sericite forms paper thin wispy layers and irregular veinlets. Limonite is weakly disseminated throughout this interval where it overprints all other alteration. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Thin quartz - siderite veinlets are widely scattered throughout this interval, veinlets are rarely more than 2 mm. wide. The veinlets are formed by drusy quartz, dolomite, and limonite, rare fresh pyrite. Pyrite is weakly disseminated in host quartzite beds. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| STND | | 0 | 62 P A | M 171600 | | 9.61 | 19 | 18 | 35 | 112 | 164 |
| 29.5 | 30.5 | 0 | Widely scattered thin quartz - siderite veinlets, rare fresh pyrite. | M 171601 | 1 | <0.05 | <0.2 | <2 | 4 | 25 | 1 |
| 30.5 | 31.5 | 0 | | M 171602 | 1 | <0.05 | <0.2 | <2 | 3 | 13 | 1 |
| 31.5 | 32.5 | 0 | | M 171603 | 1 | <0.05 | <0.2 | <2 | 2 | 16 | 1 |
| 32.5 | 33.5 | 0 | | M 171604 | 1 | <0.05 | <0.2 | <2 | 2 | 16 | 1 |
| 33.5 | 34.5 | 0 | | M 171605 | 1 | <0.05 | <0.2 | <2 | 3 | 13 | 1 |
| 34.5 | 35.5 | 0 | | M 171606 | 1 | <0.05 | <0.2 | <2 | <2 | 15 | 1 |
| 35.5 | 36.5 | 0 | | M 171607 | 1 | <0.05 | <0.2 | <2 | <2 | 15 | 1 |

CHAPLEAU RESOURCES LTD.

HOLE #: Z-03-19

DRILL HOLE RECORD

LENGTH: 98.1 M.

| From | To | LITHOLOGY: Siltstone interbedded argillite (unit is 50% argillite). |
|------|------|---|
| 36.0 | 48.0 | COLOR: Siltstone light purplish gray, argillites are gray, light gray and light greenish gray. |
| | | PRIMARY STRUCTURE: Thin to very thin bedded, bedding is sharp, and strongly wavy due to soft sediment deformation and sedimentation, small scale cross bedding (ripples), flame structures, Ball Pillow structures. |
| | | TECTONIC STRUCTURE: Nil |
| | | GENERAL ALTERATION: Regional. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Nil. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|------|------------|----------------|------------|-------|--------|--------|--------|--------|--------|--------|
| 36.5 | 37.5 | 0 | Rare Veinlets. | M 171608 | 1 | <0.05 | <0.2 | <2 | <2 | 10 | 1 |
| 37.5 | 38.5 | 0 | Rare Veinlets. | M 171609 | 1 | <0.05 | <0.2 | <2 | <2 | 17 | 1 |
| STND | | 0 | 62 P B | M 171610 | | 11.5 | 24.3 | 23 | 48 | 133 | 205 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z-03-19
LENGTH: 98.1 M.

| From | To | LITHOLOGY: Quartzite, minor argillite. |
|------|------|--|
| 48.0 | 59.5 | COLOR: Quartzites are maroon, mottled and banded by dark maroon, some light olive gray argillite partings. |
| | | PRIMARY STRUCTURE: Medium to thin bedded, bedding is distinct and wavy, quartzite are fine grained generally marked by fine crenulating lamination, rare parallel lamination. Bedding at 52.0 meters = 30°. |
| | | TECTONIC STRUCTURE: 48.0 to 53.0 meters moderately well fractured at 35° (dominate), 32°, 35°, and 11° rare, t core axis. |
| | | GENERAL ALTERATION: Regional silicification and sericitization. 48.0 to 53.0 meters shows no real late (hydrothermal alteration). |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: 48 to 53 meters is fracture and mineralized by quartz and dolomite, and rarely with limonitic. Poorly mineralized zone. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|----|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 48 | 49 | 0 | Sediments moderately well veined, but is poorly mineralized by pyrite or limonite. | M 171611 | 1 | <0.05 | <0.2 | <2 | 2 | 9 | 5 |
| 49 | 50 | 0 | Sediments moderately well veined, but is poorly mineralized by pyrite or limonite. | M 171612 | 1 | <0.05 | <0.2 | <2 | 2 | 16 | 2 |
| 50 | 51 | 0 | Sediments moderately well veined, but is poorly mineralized by pyrite or limonite. | M 171613 | 1 | <0.05 | <0.2 | <2 | <2 | 14 | 2 |
| 51 | 52 | 0 | Sediments moderately well veined, but is poorly mineralized by pyrite or limonite. | M 171614 | 1 | <0.05 | <0.2 | <2 | 3 | 17 | 1 |
| 52 | 53 | 0 | Sediments moderately well veined, but is poorly mineralized by pyrite or limonite. | M 171615 | 1 | <0.05 | <0.2 | <2 | 3 | 19 | 2 |

| From | To | LITHOLOGY: Siltstone interbedded argillite (unit 40% argillite). |
|------|------|---|
| 59.5 | 69.0 | COLOR: Gray siltstone and light gray and yellowish gray argillite. |
| | | PRIMARY STRUCTURE: Thin to very thin bedded, bedding is distinct and distorted by soft sediment deformation, beds are current laminated, ripples (x-bedding). Bedding to core axis at 63.0 = 12°, at 67.0 = 20°. |
| | | TECTONIC STRUCTURE: Nil. |
| | | GENERAL ALTERATION: Regional. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Nil. |
| | | ADDITIONAL OBSERVATIONS: |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-19

LENGTH: 98.1 M.

| From | To | LITHOLOGY: Brecciated quartzites. |
|------|------|---|
| 69.0 | 76.0 | COLOR: Light maroon to light yellowish brown quartzite with thin maroon and yellow lineation. |
| | | PRIMARY STRUCTURE: Generally destroyed by brecciation. |
| | | TECTONIC STRUCTURE: 69.0 – 76.0 moderately brecciated, locally strongly brecciated. Fractures at 38° and 43° (dominant) to core axis. Fractures and sediments are approximately normal to each other. |
| | | GENERAL ALTERATION: Intense silicification with yellow sericitization is associated with mineralization. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: 69.0 – 76.0 Brecciated quartzite is healed by quartz dolomite veinlets, rare limonite after dolomite is present, rare disseminated hematite. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|----|------------|----------------------------------|------------|-------|--------|--------|--------|--------|--------|--------|
| 69 | 70 | 0 | Strong to moderately brecciated. | M 171616 | 1 | <0.05 | <0.2 | <2 | 2 | 16 | 3 |
| 70 | 71 | 0 | Strong to moderately brecciated. | M 171617 | 1 | <0.05 | <0.2 | <2 | 2 | 8 | 1 |
| 71 | 72 | 0 | Strong to moderately brecciated. | M 171618 | 1 | <0.05 | <0.2 | <2 | 2 | 8 | 2 |
| 72 | 73 | 0 | Strong to moderately brecciated. | M 171619 | 1 | <0.05 | <0.2 | <2 | 2 | 7 | 2 |
| 73 | 74 | 0 | Strong to moderately brecciated. | M 171620 | 1 | <0.05 | <0.2 | 3 | 2 | 7 | 1 |
| 74 | 75 | 0 | Strong to moderately brecciated. | M 171621 | 1 | <0.05 | <0.2 | <2 | 4 | 11 | 2 |
| 75 | 76 | 0 | Strong to moderately brecciated. | M 171622 | 1 | <0.05 | <0.2 | <2 | 3 | 12 | 2 |

| From | To | LITHOLOGY: Quartzite, minor argillite, (argillite is less than 5% by volume). |
|------|------|--|
| 76.0 | 89.5 | COLOR: Quartzite are light purplish gray, rarely maroon, argillite interbeds are light gray to light yellowish gray. |
| | | PRIMARY STRUCTURE: Medium to thin bedded, bedding is sharp and wavy, quartzites are fine grained and finely wispily laminated, argillite beds form thin distorted bed partings. Bedding to core axis at 73.5 = 23°, @ 79.0 = 28°, @ 89 = 24°. |
| | | TECTONIC STRUCTURE: Nil. |
| | | GENERAL ALTERATION: Regional silicification and sericitization. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Nil |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|----|------------|----------------------------------|------------|-------|--------|--------|--------|--------|--------|--------|
| 76 | 77 | 0 | Strong to moderately brecciated. | M 171623 | 1 | <0.05 | <0.2 | <2 | 2 | 13 | 1 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z-03-19
LENGTH: 98.1 M.

| From | To | LITHOLOGY: Quartzite interbedded argillite, (argillite approximately 30% of unit by volume). |
|--------|------|--|
| 89.8 | 98.1 | COLOR: Light gray quartzite and yellow argillite. |
| End of | | PRIMARY STRUCTURE: Thin to very thin bedded, bedding sharp and very wavy to distorted. Quartzite is fine grained, argillite beds are typically totally distorted. Bedding to core at 95.0 = 18°. |
| Hole | | TECTONIC STRUCTURE: |
| | | GENERAL ALTERATION: Intensely silicified, and sericitized by yellow sericite, widely scattered hairline thick, dark green chlorite filled fractures. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Nil |
| | | ADDITIONAL OBSERVATIONS: |



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To: CHAPLEAU RESOURCES
104-135 10TH AVE S
CRANBROOK BC V1C 2N1

Page # : 1
Date : 27-Oct-2003
Account: NJY

CERTIFICATE VA03042184

Project : Z-03-19/20

P.O. No:

This report is for 24 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 17-Oct-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-21 | Crush entire sample 70% < 6 mm |
| PUL-21 | Pulverize entire sample |
| LOG-24 | Pulp Login - Rcd w/o Barcode |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Page #: 2 - A
Total # of pages : 2 (A - C)
Date : 27-Oct-2003
Account: NJY

Project : Z-03-19/20

CERTIFICATE OF ANALYSIS VA03042184

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M171610 | | <0.02 | NSS | NSS | NSS | NSS | NSS | NSS | 11.50 | 10.60 | 24.3 | 1.78 | 23 | <10 | 120 | <0.5 |
| M171611 | | 2.80 | <0.05 | <0.05 | <0.05 | <0.001 | 16.01 | 2692 | 0.01 | 0.01 | <0.2 | 0.23 | <2 | <10 | 280 | <0.5 |
| M171612 | | 2.50 | <0.05 | <0.05 | <0.05 | <0.001 | 15.71 | 2395 | <0.01 | <0.01 | <0.2 | 0.29 | <2 | <10 | 60 | <0.5 |
| M171613 | | 1.96 | <0.05 | <0.05 | <0.05 | <0.001 | 4.30 | 1881.0 | <0.01 | <0.01 | <0.2 | 0.28 | <2 | <10 | 200 | <0.5 |
| M171614 | | 3.34 | <0.05 | <0.05 | <0.05 | <0.001 | 32.94 | 3093 | <0.01 | <0.01 | <0.2 | 0.35 | <2 | <10 | 70 | <0.5 |
| M171615 | | 2.48 | <0.05 | <0.05 | <0.05 | <0.001 | 24.41 | 2364 | <0.01 | <0.01 | <0.2 | 0.40 | <2 | <10 | 80 | 0.5 |
| M171616 | | 2.12 | <0.05 | <0.05 | <0.05 | <0.001 | 3.19 | 2012 | <0.01 | <0.01 | <0.2 | 0.19 | <2 | <10 | 20 | <0.5 |
| M171617 | | 2.66 | <0.05 | <0.05 | <0.05 | <0.001 | 5.51 | 2348 | <0.01 | <0.01 | <0.2 | 0.17 | <2 | <10 | 20 | <0.5 |
| M171618 | | 1.90 | <0.05 | <0.05 | <0.05 | <0.001 | 16.05 | 1802.0 | <0.01 | <0.01 | <0.2 | 0.20 | <2 | <10 | 20 | <0.5 |
| M171619 | | 2.56 | <0.05 | <0.05 | <0.05 | <0.001 | 5.98 | 2441 | <0.01 | <0.01 | <0.2 | 0.19 | <2 | <10 | 20 | <0.5 |
| M171620 | | 2.54 | <0.05 | <0.05 | <0.05 | <0.001 | 4.01 | 2404 | <0.01 | <0.01 | <0.2 | 0.25 | 3 | <10 | 30 | <0.5 |
| M171621 | | <0.02 | <0.05 | <0.05 | <0.05 | <0.001 | 3.63 | 2763 | <0.01 | <0.01 | <0.2 | 0.17 | <2 | <10 | 20 | <0.5 |
| M171622 | | 3.18 | <0.05 | <0.05 | <0.05 | <0.001 | 6.05 | 2979 | <0.01 | <0.01 | <0.2 | 0.20 | <2 | <10 | 200 | <0.5 |
| M171623 | | 3.18 | <0.05 | <0.05 | <0.05 | <0.001 | 17.05 | 2400 | <0.01 | <0.01 | <0.2 | 0.30 | <2 | <10 | 40 | <0.5 |
| M171624 | | 2.50 | <0.05 | <0.05 | <0.05 | <0.001 | 4.94 | 2234 | <0.01 | <0.01 | <0.2 | 0.28 | <2 | <10 | 50 | <0.5 |
| M171625 | | 2.36 | 0.19 | 0.45 | 0.19 | 0.004 | 8.81 | 1848.0 | 0.15 | 0.22 | <0.2 | 0.35 | 4 | <10 | 60 | <0.5 |
| M171626 | | 2.10 | 0.61 | 0.58 | 0.62 | 0.004 | 6.92 | 1848.0 | 0.66 | 0.57 | 0.3 | 0.24 | 2 | <10 | 40 | <0.5 |
| M171627 | | 2.20 | 0.07 | 1.42 | 0.07 | 0.010 | 7.02 | 2099 | 0.04 | 0.09 | <0.2 | 0.32 | 2 | <10 | 60 | <0.5 |
| M171628 | | 2.24 | <0.05 | <0.05 | <0.05 | <0.001 | 3.59 | 2139 | 0.01 | 0.02 | 0.2 | 0.20 | <2 | <10 | 20 | <0.5 |
| M171629 | | 2.68 | <0.05 | <0.05 | <0.05 | <0.001 | 7.47 | 2563 | 0.01 | 0.01 | 1.6 | 0.26 | 17 | <10 | 50 | <0.5 |
| M171630 | | 2.56 | <0.05 | <0.05 | <0.05 | <0.001 | 10.29 | 2446 | 0.01 | 0.01 | <0.2 | 0.40 | 3 | <10 | 180 | 0.5 |
| M171631 | Standard | 0.10 | 9.48 | <0.05 | 9.61 | <0.001 | 0.28 | 21.2 | 9.66 | 9.55 | 20.0 | 2.13 | 18 | <10 | 100 | <0.5 |
| M171632 | | 3.06 | 0.06 | 0.17 | 0.06 | 0.002 | 11.96 | 2911 | 0.05 | 0.07 | <0.2 | 0.21 | 2 | <10 | 100 | <0.5 |
| M171633 | | 2.48 | <0.05 | <0.05 | <0.05 | <0.001 | 8.43 | 2368 | <0.01 | <0.01 | <0.2 | 0.35 | 2 | <10 | 280 | <0.5 |

Comments: NSS is non-sufficient sample.



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Page #: 2 - B
Total # of pages : 2 (A - C)
Date : 27-Oct-2003
Account: NJY

Project : Z-03-19/20

CERTIFICATE OF ANALYSIS VA03042184

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------------|-----------------|------------------|----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|
| | | Bi ppm 2 | Ca % 0.01 | Cd ppm 0.5 | Co ppm 1 | Cr ppm 1 | Cu ppm 1 | Fe % 0.01 | Ga ppm 10 | Hg ppm 1 | K % 0.01 | La ppm 10 | Mg % 0.01 | Mn ppm 5 | Mo ppm 1 | Na % 0.01 |
| M171610 | | <2 | 0.94 | 3.9 | 21 | 26 | 205 | 3.60 | 10 | 1 | 0.27 | 10 | 0.86 | 797 | 30 | 0.04 |
| M171611 | | <2 | 0.13 | <0.5 | 3 | 147 | 5 | 0.87 | <10 | <1 | 0.13 | 20 | 0.30 | 64 | 1 | 0.02 |
| M171612 | | <2 | 0.12 | <0.5 | 5 | 124 | 2 | 1.05 | <10 | <1 | 0.17 | 30 | 0.52 | 102 | 1 | 0.02 |
| M171613 | | <2 | 0.12 | <0.5 | 4 | 156 | 2 | 1.10 | <10 | 1 | 0.17 | 20 | 0.51 | 108 | <1 | 0.02 |
| M171614 | | <2 | 0.10 | <0.5 | 6 | 87 | 1 | 1.27 | <10 | <1 | 0.22 | 30 | 0.53 | 95 | <1 | 0.02 |
| M171615 | | <2 | 0.15 | <0.5 | 8 | 74 | 2 | 1.77 | <10 | <1 | 0.26 | 30 | 0.78 | 149 | <1 | 0.01 |
| M171616 | | <2 | 0.13 | <0.5 | 6 | 222 | 3 | 1.12 | <10 | <1 | 0.05 | 10 | 0.50 | 113 | 1 | 0.03 |
| M171617 | | <2 | 0.08 | <0.5 | 2 | 188 | 1 | 0.71 | <10 | 1 | 0.05 | 20 | 0.27 | 69 | 1 | 0.03 |
| M171618 | | <2 | 0.12 | <0.5 | 2 | 170 | 2 | 0.63 | <10 | <1 | 0.11 | 20 | 0.25 | 64 | <1 | 0.02 |
| M171619 | | <2 | 0.11 | <0.5 | 1 | 183 | 2 | 0.64 | <10 | 1 | 0.05 | 20 | 0.23 | 56 | <1 | 0.04 |
| M171620 | | <2 | 0.06 | <0.5 | 2 | 155 | 1 | 0.63 | <10 | <1 | 0.10 | 30 | 0.24 | 50 | <1 | 0.03 |
| M171621 | | <2 | 0.11 | <0.5 | 1 | 172 | 2 | 0.73 | <10 | <1 | 0.06 | 20 | 0.26 | 67 | 1 | 0.03 |
| M171622 | | <2 | 0.92 | <0.5 | 3 | 175 | 2 | 0.84 | <10 | <1 | 0.11 | 20 | 0.86 | 132 | 1 | 0.02 |
| M171623 | | <2 | 0.14 | <0.5 | 4 | 65 | 1 | 1.02 | <10 | <1 | 0.18 | 40 | 0.58 | 76 | 1 | 0.01 |
| M171624 | | <2 | 0.13 | <0.5 | 5 | 98 | 2 | 1.01 | <10 | 1 | 0.20 | 30 | 0.31 | 145 | <1 | 0.03 |
| M171625 | | <2 | 0.18 | <0.5 | 5 | 81 | 2 | 1.18 | <10 | 1 | 0.26 | 30 | 0.31 | 207 | 2 | 0.02 |
| M171626 | | <2 | 0.17 | <0.5 | 3 | 170 | 6 | 0.83 | <10 | <1 | 0.18 | 20 | 0.16 | 123 | 3 | 0.02 |
| M171627 | | <2 | 0.18 | <0.5 | 2 | 115 | 24 | 0.59 | <10 | <1 | 0.24 | 20 | 0.15 | 123 | 5 | 0.01 |
| M171628 | | <2 | 0.25 | <0.5 | 1 | 174 | 38 | 0.44 | <10 | 1 | 0.15 | 10 | 0.14 | 132 | 21 | 0.02 |
| M171629 | | 2 | 0.20 | 0.8 | 3 | 211 | 74 | 0.93 | <10 | <1 | 0.14 | 30 | 0.16 | 145 | 4 | 0.01 |
| M171630 | | <2 | 0.17 | <0.5 | 5 | 95 | 2 | 1.61 | <10 | <1 | 0.27 | 30 | 0.43 | 152 | <1 | 0.01 |
| M171631 | | <2 | 1.42 | 3.1 | 20 | 26 | 164 | 3.91 | 10 | <1 | 0.26 | 10 | 1.02 | 865 | 27 | 0.06 |
| M171632 | | <2 | 0.10 | <0.5 | 3 | 143 | 2 | 0.81 | <10 | <1 | 0.12 | 30 | 0.19 | 103 | <1 | 0.03 |
| M171633 | | <2 | 0.18 | <0.5 | 5 | 99 | 1 | 1.00 | <10 | <1 | 0.22 | 50 | 0.47 | 216 | <1 | 0.02 |

Comments: NSS is non-sufficient sample.



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Page #: 2 - C
Total # of pages: 2 (A - C)
Date: 27-Oct-2003
Account: NJY

Project: Z-03-19/20

CERTIFICATE OF ANALYSIS VA03042184

| Sample Description | Method Analyte Units LOR | ME-ICP41 NI ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 | ME-ICP41 Ti % 0.01 | ME-ICP41 Ti ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 |
|--------------------|-----------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|
| M171610 | | 18 | 630 | 48 | 1.34 | <2 | 7 | 50 | 0.08 | <10 | <10 | 76 | <10 | 133 |
| M171611 | | 5 | 110 | 2 | 0.01 | <2 | 1 | 8 | <0.01 | <10 | <10 | 3 | <10 | 9 |
| M171612 | | 8 | 160 | 2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 16 |
| M171613 | | 6 | 270 | <2 | 0.01 | <2 | 1 | 9 | <0.01 | <10 | <10 | 3 | <10 | 14 |
| M171614 | | 9 | 210 | 3 | <0.01 | <2 | 1 | 7 | 0.01 | <10 | <10 | 4 | <10 | 17 |
| M171615 | | 13 | 380 | 3 | <0.01 | <2 | 1 | 8 | 0.01 | <10 | <10 | 5 | <10 | 19 |
| M171616 | | 7 | 80 | 2 | <0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 1 | <10 | 16 |
| M171617 | | 4 | 50 | 2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 1 | <10 | 8 |
| M171618 | | 4 | 70 | 2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 8 |
| M171619 | | 3 | 70 | 2 | <0.01 | 2 | 1 | 5 | <0.01 | <10 | <10 | 1 | <10 | 7 |
| M171620 | | 4 | 80 | 2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 7 |
| M171621 | | 4 | 80 | 4 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 1 | <10 | 11 |
| M171622 | | 6 | 140 | 3 | 0.01 | <2 | 1 | 20 | <0.01 | <10 | <10 | 2 | <10 | 12 |
| M171623 | | 9 | 330 | 2 | <0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 3 | <10 | 13 |
| M171624 | | 6 | 100 | 4 | 0.01 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 15 |
| M171625 | | 6 | 180 | 21 | 0.16 | <2 | 1 | 9 | <0.01 | <10 | <10 | 2 | <10 | 16 |
| M171626 | | 4 | 80 | 41 | 0.24 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 8 |
| M171627 | | 3 | 80 | 29 | 0.11 | <2 | 1 | 10 | <0.01 | <10 | <10 | 2 | <10 | 5 |
| M171628 | | 2 | 40 | 12 | 0.01 | <2 | <1 | 8 | <0.01 | <10 | <10 | 1 | <10 | 4 |
| M171629 | | 5 | 200 | 393 | 0.02 | 7 | 1 | 15 | <0.01 | <10 | <10 | 1 | <10 | 24 |
| M171630 | | 7 | 630 | 3 | 0.02 | <2 | 1 | 13 | <0.01 | <10 | <10 | 3 | <10 | 21 |
| M171631 | | 18 | 700 | 37 | 1.21 | <2 | 8 | 64 | 0.09 | <10 | <10 | 82 | <10 | 100 |
| M171632 | | 5 | 100 | 3 | <0.01 | <2 | 1 | 8 | <0.01 | <10 | <10 | 1 | <10 | 15 |
| M171633 | | 8 | 200 | <2 | 0.01 | <2 | 1 | 13 | <0.01 | <10 | <10 | 2 | <10 | 22 |

Comments: NSS is non-sufficient sample.



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Page #: 1
Date : 29-Oct-2003
Account: NJY

CERTIFICATE VA03040026

Project : Z-03-18/19

P.O. No:

This report is for 74 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 9-Oct-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rod w/o BarCode |
| CRU-21 | Crush entire sample 70% < 6 mm |
| PUL-21 | Pulverize entire sample |
| LOG-24 | Pulp Login - Rod w/o Barcode |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| Au-SCRa | Au Screen FA - Over Wt. A | WST-SIM |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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CRANBROOK BC V1C 2N1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Page #: 2 - A
Total # of pages : 3 (A - C)
Date : 29-Oct-2003
Account: NJY

Project : Z-03-18/19

CERTIFICATE OF ANALYSIS VA03040026

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M171537 | | 2.56 | 0.11 | <0.05 | 0.12 | <0.001 | 5.25 | 2451 | 0.14 | 0.09 | <0.2 | 0.22 | <2 | <10 | 80 | <0.5 |
| M171538 | | 2.66 | 0.36 | 1.74 | 0.35 | 0.045 | 25.93 | 2595 | 0.29 | 0.40 | 0.2 | 0.26 | 3 | <10 | 100 | <0.5 |
| M171539 | | 2.48 | 0.24 | 7.97 | 0.22 | 0.047 | 5.90 | 2443 | 0.23 | 0.21 | 0.2 | 0.30 | 2 | <10 | 110 | <0.5 |
| M171540 | | 2.46 | 0.21 | 5.33 | 0.20 | 0.050 | 9.38 | 2438 | 0.19 | 0.20 | 0.2 | 0.25 | <2 | <10 | 70 | <0.5 |
| M171541 | | 2.38 | <0.05 | 0.54 | <0.05 | 0.002 | 3.73 | 2371 | 0.01 | <0.01 | 0.2 | 0.34 | 2 | <10 | 110 | <0.5 |
| M171542 | | 2.46 | <0.05 | <0.05 | <0.05 | <0.001 | 19.91 | 2427 | <0.01 | <0.01 | <0.2 | 0.17 | <2 | <10 | 40 | <0.5 |
| M171543 | | 2.12 | <0.05 | <0.05 | <0.05 | <0.001 | 2.06 | 2070 | 0.02 | 0.02 | <0.2 | 0.26 | 2 | <10 | 40 | <0.5 |
| M171544 | | 2.32 | <0.05 | 0.33 | <0.05 | 0.018 | 53.87 | 2256 | <0.01 | <0.01 | <0.2 | 0.12 | <2 | <10 | 30 | <0.5 |
| M171545 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 9.70 | 9.83 | 18.6 | 1.94 | 18 | <10 | 100 | <0.5 |
| M171546 | | 2.68 | <0.05 | <0.05 | <0.05 | <0.001 | 6.33 | 2511 | <0.01 | <0.01 | <0.2 | 0.18 | 2 | <10 | 40 | <0.5 |
| M171547 | | 2.30 | <0.05 | <0.05 | <0.05 | <0.001 | 3.10 | 2177 | 0.01 | 0.01 | <0.2 | 0.19 | 2 | <10 | 30 | <0.5 |
| M171548 | | 2.02 | <0.05 | <0.05 | <0.05 | <0.001 | 14.11 | 1922.5 | <0.01 | <0.01 | <0.2 | 0.14 | 2 | <10 | 50 | <0.5 |
| M171549 | | 2.10 | <0.05 | <0.05 | <0.05 | <0.001 | 11.32 | 2023 | <0.01 | <0.01 | <0.2 | 0.23 | 3 | <10 | 30 | <0.5 |
| M171550 | | 2.32 | <0.05 | 2.50 | <0.05 | 0.036 | 14.42 | 2245 | 0.01 | 0.01 | <0.2 | 0.22 | <2 | <10 | 40 | <0.5 |
| M171551 | | 2.58 | <0.05 | <0.05 | <0.05 | <0.001 | 12.13 | 2479 | <0.01 | <0.01 | <0.2 | 0.26 | <2 | <10 | 60 | <0.5 |
| M171552 | | 2.50 | <0.05 | <0.05 | <0.05 | <0.001 | 38.67 | 2395 | <0.01 | <0.01 | <0.2 | 0.14 | <2 | <10 | 30 | <0.5 |
| M171553 | | 2.36 | <0.05 | <0.05 | <0.05 | <0.001 | 37.74 | 2240 | 0.01 | <0.01 | <0.2 | 0.19 | 4 | <10 | 40 | <0.5 |
| M171554 | | 2.98 | <0.05 | <0.05 | <0.05 | <0.001 | 20.02 | 2899 | 0.01 | 0.01 | <0.2 | 0.26 | <2 | <10 | 90 | <0.5 |
| M171555 | | 2.70 | <0.05 | <0.05 | <0.05 | <0.001 | 44.41 | 2397 | 0.01 | 0.01 | <0.2 | 0.17 | 2 | <10 | 60 | <0.5 |
| M171556 | | 2.72 | <0.05 | <0.05 | <0.05 | <0.001 | 19.67 | 2614 | 0.02 | 0.01 | <0.2 | 0.26 | 3 | <10 | 50 | <0.5 |
| M171557 | | 2.58 | <0.05 | 0.87 | <0.05 | 0.007 | 8.06 | 2356 | 0.01 | 0.01 | <0.2 | 0.25 | 4 | <10 | 80 | <0.5 |
| M171558 | | 2.28 | <0.05 | <0.05 | <0.05 | <0.001 | 24.62 | 2193 | <0.01 | <0.01 | <0.2 | 0.20 | 2 | <10 | 30 | <0.5 |
| M171559 | | 2.56 | <0.05 | <0.05 | <0.05 | <0.001 | 11.73 | 2494 | <0.01 | <0.01 | <0.2 | 0.21 | <2 | <10 | 30 | <0.5 |
| M171560 | | 2.30 | <0.05 | <0.05 | <0.05 | <0.001 | 20.38 | 2226 | <0.01 | 0.01 | <0.2 | 0.15 | 3 | <10 | 20 | <0.5 |
| M171561 | Wolc 14 | 2.42 | <0.05 | <0.05 | <0.05 | <0.001 | 8.70 | 2327 | <0.01 | <0.01 | <0.2 | 0.23 | <2 | <10 | 20 | <0.5 |
| M171562 | | 0.10 | NSS | NSS | NSS | NSS | NSS | NSS | 11.35 | 11.50 | 22.8 | 1.82 | 19 | <10 | 100 | <0.5 |
| M171563 | | 2.26 | <0.05 | <0.05 | <0.05 | <0.001 | 20.28 | 2155 | <0.01 | 0.01 | <0.2 | 0.30 | <2 | <10 | 30 | <0.5 |
| M171564 | | 2.48 | <0.05 | <0.05 | <0.05 | <0.001 | 15.95 | 2368 | <0.01 | <0.01 | <0.2 | 0.28 | 2 | <10 | 30 | <0.5 |
| M171565 | | 2.32 | <0.05 | <0.05 | <0.05 | <0.001 | 15.13 | 2214 | <0.01 | 0.01 | <0.2 | 0.35 | 3 | <10 | 40 | <0.5 |
| M171566 | | 2.38 | <0.05 | <0.05 | <0.05 | <0.001 | 15.26 | 2289 | <0.01 | 0.01 | <0.2 | 0.30 | <2 | <10 | 40 | <0.5 |
| M171567 | | 1.44 | <0.05 | <0.05 | <0.05 | <0.001 | 10.33 | 1374.0 | <0.01 | <0.01 | <0.2 | 0.31 | <2 | <10 | 50 | <0.5 |
| M171568 | | 2.08 | <0.05 | <0.05 | <0.05 | <0.001 | 40.27 | 1973.5 | <0.01 | <0.01 | <0.2 | 0.22 | 5 | <10 | 50 | <0.5 |
| M171569 | | 2.96 | <0.05 | <0.05 | <0.05 | <0.001 | 21.53 | 2822 | <0.01 | <0.01 | <0.2 | 0.36 | 2 | <10 | 100 | 0.6 |
| M171570 | | 4.08 | <0.05 | <0.05 | <0.05 | <0.001 | 32.16 | 3887 | <0.01 | 0.01 | <0.2 | 0.20 | <2 | <10 | 30 | <0.5 |
| M171571 | | 2.26 | <0.05 | <0.05 | <0.05 | <0.001 | 53.31 | 2060 | <0.01 | <0.01 | <0.2 | 0.24 | 4 | <10 | 30 | <0.5 |
| M171572 | | 2.60 | <0.05 | <0.05 | <0.05 | <0.001 | 21.56 | 2508 | <0.01 | <0.01 | <0.2 | 0.22 | 2 | <10 | 20 | <0.5 |
| M171573 | | 2.26 | <0.05 | <0.05 | <0.05 | <0.001 | 24.67 | 2172 | <0.01 | <0.01 | <0.2 | 0.29 | 2 | <10 | 30 | <0.5 |
| M171574 | | 2.30 | <0.05 | <0.05 | <0.05 | <0.001 | 23.38 | 2192 | <0.01 | <0.01 | <0.2 | 0.22 | 3 | <10 | 20 | <0.5 |
| M171575 | | 2.34 | <0.05 | <0.05 | <0.05 | <0.001 | 38.38 | 2174 | <0.01 | <0.01 | <0.2 | 0.65 | 4 | <10 | 40 | 0.8 |
| M171576 | | 2.76 | <0.05 | <0.05 | <0.05 | <0.001 | 24.78 | 2806 | <0.01 | 0.01 | <0.2 | 0.39 | 2 | <10 | 70 | 0.5 |

Comments: NSS is non-sufficient sample.



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Page #: 3 - A
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Date : 29-Oct-2003
Account: NJY

Project : Z-03-18/19

CERTIFICATE OF ANALYSIS VA03040026

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|--------------------|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| M171577 | | 2.72 | <0.05 | <0.05 | <0.05 | <0.001 | 19.77 | 2601 | <0.01 | <0.01 | <0.2 | 0.38 | 3 | <10 | 80 | <0.5 |
| M171578 | | 1.74 | <0.05 | <0.05 | <0.05 | <0.001 | 23.56 | 1650.5 | <0.01 | 0.03 | <0.2 | 0.26 | 2 | <10 | 40 | <0.5 |
| M171579 | | 2.52 | <0.05 | <0.05 | <0.05 | <0.001 | 21.65 | 2382 | <0.01 | <0.01 | <0.2 | 0.43 | <2 | <10 | 110 | 0.5 |
| M171580 | | 1.42 | <0.05 | <0.05 | <0.05 | <0.001 | 18.12 | 1323.5 | <0.01 | <0.01 | <0.2 | 0.32 | <2 | <10 | 80 | <0.5 |
| M171581 | | 0.10 | | | | | | | 11.10 | 11.15 | 23.2 | 1.85 | 26 | <10 | 110 | <0.5 |
| M171582 | | 1.34 | <0.05 | <0.05 | <0.05 | <0.001 | 27.26 | 1255.0 | 0.01 | 0.01 | <0.2 | 0.28 | <2 | <10 | 160 | <0.5 |
| M171583 | | 1.46 | <0.05 | <0.05 | <0.05 | <0.001 | 25.01 | 1442.0 | 0.01 | 0.01 | <0.2 | 0.37 | 4 | <10 | 90 | <0.5 |
| M171584 | | 1.06 | <0.05 | <0.05 | <0.05 | <0.001 | 16.50 | 1044.0 | <0.01 | <0.01 | <0.2 | 0.29 | 3 | <10 | 40 | <0.5 |
| M171585 | | 2.40 | <0.05 | <0.05 | <0.05 | <0.001 | 5.76 | 2347 | 0.02 | 0.02 | <0.2 | 0.44 | <2 | <10 | 60 | <0.5 |
| M171586 | | 1.40 | 0.55 | 0.42 | 0.56 | 0.006 | 14.15 | 1404.0 | 0.59 | 0.52 | 0.3 | 0.27 | 4 | <10 | 50 | <0.5 |
| M171587 | | 1.10 | <0.05 | <0.05 | <0.05 | <0.001 | 3.20 | 1063.0 | 0.03 | 0.04 | <0.2 | 0.27 | 12 | <10 | 50 | <0.5 |
| M171588 | | 1.00 | 0.05 | <0.05 | 0.05 | <0.001 | 10.64 | 1005.5 | 0.04 | 0.06 | 0.9 | 0.62 | 8 | <10 | 50 | 0.6 |
| M171589 | | 0.96 | 0.05 | 1.39 | <0.05 | 0.005 | 3.61 | 954.2 | 0.06 | 0.02 | 3.1 | 0.28 | 18 | <10 | 60 | <0.5 |
| M171590 | | 1.56 | <0.05 | <0.05 | <0.05 | <0.001 | 35.93 | 1490.0 | <0.01 | 0.01 | 0.4 | 0.31 | 33 | <10 | 60 | <0.5 |
| M171591 | | 1.10 | <0.05 | <0.05 | <0.05 | <0.001 | 4.25 | 1092.5 | 0.01 | 0.03 | 0.3 | 0.21 | 10 | <10 | 30 | <0.5 |
| M171592 | | 1.10 | <0.05 | <0.05 | <0.05 | <0.001 | 12.32 | 1103.5 | <0.01 | 0.02 | 0.2 | 0.21 | 12 | <10 | 30 | <0.5 |
| M171593 | | 1.66 | <0.05 | <0.05 | <0.05 | <0.001 | 19.05 | 1602.5 | 0.03 | 0.01 | <0.2 | 0.34 | 6 | <10 | 50 | <0.5 |
| M171594 | | 1.18 | <0.05 | <0.05 | <0.05 | <0.001 | 29.42 | 1165.0 | <0.01 | 0.01 | <0.2 | 0.12 | 3 | <10 | 20 | <0.5 |
| M171595 | | 1.00 | <0.05 | 1.38 | <0.05 | 0.006 | 4.35 | 981.3 | 0.02 | 0.01 | 3.6 | 0.18 | 2 | <10 | 20 | <0.5 |
| M171596 | | 1.50 | 0.09 | <0.05 | 0.10 | 0.001 | 40.88 | 1459.0 | 0.09 | 0.10 | 0.2 | 0.30 | 4 | <10 | 40 | <0.5 |
| M171597 | | 1.02 | <0.05 | <0.05 | <0.05 | <0.001 | 4.40 | 1000.0 | <0.01 | 0.01 | <0.2 | 0.45 | <2 | <10 | 60 | 0.6 |
| M171598 | | 1.48 | <0.05 | <0.05 | <0.05 | <0.001 | 20.88 | 1442.5 | <0.01 | <0.01 | <0.2 | 0.43 | <2 | <10 | 50 | 0.6 |
| M171599 | | 1.24 | 0.10 | 0.16 | 0.10 | 0.001 | 6.33 | 1221.5 | 0.10 | 0.09 | 0.3 | 0.34 | 2 | <10 | 80 | <0.5 |
| M171600 | | 0.10 | | | | | | | 9.61 | 9.77 | 19.0 | 1.82 | 18 | <10 | 100 | <0.5 |
| M171601 | | 2.28 | <0.05 | <0.05 | <0.05 | <0.001 | 22.55 | 2131 | 0.01 | 0.01 | <0.2 | 0.46 | <2 | <10 | 60 | 0.6 |
| M171602 | | 3.22 | <0.05 | <0.05 | <0.05 | <0.001 | 12.75 | 3019 | <0.01 | <0.01 | <0.2 | 0.35 | <2 | <10 | 130 | <0.5 |
| M171603 | | 2.34 | <0.05 | <0.05 | <0.05 | <0.001 | 14.31 | 2194 | 0.01 | <0.01 | <0.2 | 0.37 | <2 | <10 | 50 | <0.5 |
| M171604 | | 2.40 | <0.05 | <0.05 | <0.05 | <0.001 | 16.98 | 2265 | <0.01 | <0.01 | <0.2 | 0.51 | <2 | <10 | 70 | 0.5 |
| M171605 | | 2.80 | <0.05 | <0.05 | <0.05 | <0.001 | 6.14 | 2651 | 0.01 | <0.01 | <0.2 | 0.34 | <2 | <10 | 60 | <0.5 |
| M171606 | | 2.54 | <0.05 | <0.05 | <0.05 | <0.001 | 3.54 | 2443 | <0.01 | <0.01 | <0.2 | 0.31 | <2 | <10 | 180 | <0.5 |
| M171607 | | 2.60 | <0.05 | <0.05 | <0.05 | <0.001 | 12.21 | 2484 | <0.01 | <0.01 | <0.2 | 0.38 | <2 | <10 | 200 | 0.5 |
| M171608 | | 2.36 | <0.05 | <0.05 | <0.05 | <0.001 | 6.28 | 2264 | <0.01 | <0.01 | <0.2 | 0.34 | <2 | <10 | 60 | <0.5 |
| M171609 | | 2.44 | <0.05 | 0.25 | <0.05 | 0.001 | 4.04 | 2346 | <0.01 | <0.01 | <0.2 | 0.31 | <2 | <10 | 80 | <0.5 |

Comments: NSS is non-sufficient sample.



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Page #: 2 - B
Total # of pages : 3 (A - C)
Date : 29-Oct-2003
Account: NJY

Project : Z-03-18/19

CERTIFICATE OF ANALYSIS VA03040026

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------------|-----------------|------------------|----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|
| | | Bi ppm 2 | Ca % 0.01 | Cd ppm 0.5 | Co ppm 1 | Cr ppm 1 | Cu ppm 1 | Fe % 0.01 | Ga ppm 10 | Hg ppm 1 | K % 0.01 | La ppm 10 | Mg % 0.01 | Mn ppm 5 | Mo ppm 1 | Na % 0.01 |
| M171537 | | <2 | 0.08 | <0.5 | 4 | 118 | 12 | 1.08 | <10 | <1 | 0.12 | 20 | 0.16 | 95 | 1 | 0.03 |
| M171538 | | <2 | 0.06 | <0.5 | 5 | 95 | 68 | 1.12 | <10 | <1 | 0.16 | 20 | 0.12 | 93 | 1 | 0.01 |
| M171539 | | <2 | 0.05 | <0.5 | 4 | 87 | 93 | 0.92 | <10 | <1 | 0.19 | 20 | 0.07 | 98 | <1 | 0.02 |
| M171540 | | <2 | 0.10 | <0.5 | 2 | 154 | 33 | 0.70 | <10 | <1 | 0.16 | 20 | 0.07 | 102 | 1 | 0.01 |
| M171541 | | <2 | 0.03 | <0.5 | 2 | 138 | 3 | 0.70 | <10 | <1 | 0.16 | 20 | 0.06 | 35 | <1 | 0.03 |
| M171542 | | <2 | 0.11 | <0.5 | 2 | 166 | 2 | 0.70 | <10 | <1 | 0.09 | 20 | 0.07 | 38 | <1 | 0.02 |
| M171543 | | <2 | 0.02 | <0.5 | 2 | 107 | 3 | 0.61 | <10 | <1 | 0.12 | 30 | 0.05 | 42 | <1 | 0.02 |
| M171544 | | <2 | 0.09 | <0.5 | 1 | 101 | 1 | 0.50 | <10 | <1 | 0.06 | 20 | 0.09 | 32 | <1 | 0.02 |
| M171545 | | <2 | 1.32 | 3.0 | 20 | 26 | 168 | 3.61 | 10 | <1 | 0.26 | 10 | 0.99 | 801 | 25 | 0.06 |
| M171546 | | <2 | 0.07 | <0.5 | 1 | 161 | 3 | 0.61 | <10 | <1 | 0.10 | 20 | 0.07 | 29 | 1 | 0.03 |
| M171547 | | <2 | 0.04 | <0.5 | 2 | 152 | 3 | 0.66 | <10 | <1 | 0.09 | 30 | 0.04 | 27 | <1 | 0.03 |
| M171548 | | <2 | 0.11 | <0.5 | 2 | 219 | 2 | 0.63 | <10 | <1 | 0.06 | 20 | 0.08 | 25 | <1 | 0.03 |
| M171549 | | <2 | 0.03 | <0.5 | 2 | 171 | 2 | 0.56 | <10 | <1 | 0.11 | 30 | 0.05 | 23 | <1 | 0.03 |
| M171550 | | <2 | 0.11 | <0.5 | 2 | 193 | 2 | 0.96 | <10 | <1 | 0.13 | 30 | 0.08 | 55 | 1 | 0.02 |
| M171551 | | <2 | 0.08 | <0.5 | 2 | 119 | 1 | 0.82 | <10 | <1 | 0.14 | 30 | 0.07 | 41 | 1 | 0.03 |
| M171552 | | <2 | 0.11 | <0.5 | 1 | 129 | 2 | 0.54 | <10 | <1 | 0.07 | 20 | 0.08 | 43 | 1 | 0.02 |
| M171553 | | <2 | 0.25 | <0.5 | 2 | 79 | 1 | 0.64 | <10 | <1 | 0.10 | 20 | 0.14 | 66 | <1 | 0.02 |
| M171554 | | <2 | 0.20 | <0.5 | 2 | 125 | 1 | 0.88 | <10 | <1 | 0.16 | 30 | 0.13 | 82 | <1 | 0.02 |
| M171555 | | <2 | 0.26 | <0.5 | 2 | 102 | 1 | 0.55 | <10 | <1 | 0.11 | 20 | 0.27 | 82 | 1 | 0.01 |
| M171556 | | <2 | 0.15 | <0.5 | 4 | 123 | 1 | 0.79 | <10 | <1 | 0.17 | 30 | 0.20 | 65 | <1 | 0.01 |
| M171557 | | <2 | 0.15 | <0.5 | 3 | 124 | 1 | 0.77 | <10 | <1 | 0.14 | 20 | 0.15 | 62 | <1 | 0.02 |
| M171558 | | <2 | 0.33 | <0.5 | 2 | 121 | 1 | 0.49 | <10 | <1 | 0.11 | 20 | 0.19 | 92 | 1 | 0.01 |
| M171559 | | <2 | 0.23 | <0.5 | 2 | 145 | 1 | 0.53 | <10 | <1 | 0.11 | 30 | 0.16 | 63 | <1 | 0.02 |
| M171560 | | <2 | 0.06 | <0.5 | 1 | 166 | 1 | 0.45 | <10 | <1 | 0.06 | 20 | 0.08 | 22 | 1 | 0.02 |
| M171561 | | <2 | 0.03 | <0.5 | 1 | 175 | 2 | 0.42 | <10 | <1 | 0.07 | 20 | 0.09 | 16 | 1 | 0.03 |
| M171562 | | <2 | 0.99 | 3.6 | 20 | 27 | 180 | 3.64 | 10 | 1 | 0.26 | 10 | 0.83 | 748 | 30 | 0.04 |
| M171563 | | <2 | 0.01 | <0.5 | 5 | 65 | 2 | 1.07 | <10 | <1 | 0.17 | 30 | 0.03 | 79 | <1 | 0.01 |
| M171564 | | <2 | 0.01 | <0.5 | 8 | 128 | 2 | 1.16 | <10 | <1 | 0.16 | 20 | 0.03 | 91 | 1 | 0.01 |
| M171565 | | <2 | 0.01 | <0.5 | 7 | 78 | 1 | 1.28 | <10 | <1 | 0.21 | 30 | 0.03 | 162 | 1 | 0.01 |
| M171566 | | <2 | 0.03 | <0.5 | 6 | 131 | 1 | 1.27 | <10 | <1 | 0.17 | 30 | 0.04 | 130 | 1 | <0.01 |
| M171567 | | <2 | 0.07 | <0.5 | 4 | 88 | 1 | 0.88 | <10 | <1 | 0.20 | 30 | 0.06 | 78 | <1 | 0.01 |
| M171568 | | <2 | 0.05 | <0.5 | 5 | 86 | 2 | 0.99 | <10 | <1 | 0.14 | 20 | 0.08 | 57 | 1 | 0.01 |
| M171569 | | <2 | 0.10 | <0.5 | 5 | 59 | 1 | 1.58 | <10 | <1 | 0.24 | 30 | 0.08 | 75 | <1 | 0.01 |
| M171570 | | <2 | 0.03 | <0.5 | 3 | 172 | 1 | 0.72 | <10 | <1 | 0.12 | 20 | 0.04 | 43 | 1 | 0.01 |
| M171571 | | <2 | 0.04 | <0.5 | 2 | 146 | 1 | 0.45 | <10 | <1 | 0.13 | 20 | 0.05 | 30 | 1 | 0.02 |
| M171572 | | <2 | 0.03 | <0.5 | 2 | 216 | 1 | 0.48 | <10 | <1 | 0.14 | 20 | 0.03 | 29 | 1 | 0.01 |
| M171573 | | <2 | 0.04 | <0.5 | 2 | 109 | 2 | 0.56 | <10 | <1 | 0.11 | 30 | 0.08 | 38 | <1 | 0.01 |
| M171574 | | <2 | 0.11 | <0.5 | 3 | 159 | 1 | 0.58 | <10 | <1 | 0.05 | 20 | 0.11 | 66 | 1 | 0.01 |
| M171575 | | <2 | 0.16 | <0.5 | 5 | 81 | 1 | 0.91 | <10 | <1 | 0.09 | 30 | 0.33 | 66 | <1 | 0.01 |
| M171576 | | <2 | 0.16 | <0.5 | 6 | 97 | 1 | 1.84 | <10 | <1 | 0.20 | 30 | 0.14 | 93 | <1 | <0.01 |

Comments: NSS is non-sufficient sample.



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Page #: 3 - B
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Date: 29-Oct-2003
Account: NJY

Project: Z-03-18/19

CERTIFICATE OF ANALYSIS VA03040026

| Sample Description | Method Analyte Units LOR | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 |
|--------------------|-----------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| M171577 | | <2 | 0.19 | <0.5 | 4 | 103 | 1 | 1.43 | <10 | <1 | 0.17 | 30 | 0.13 | 68 | <1 | 0.01 |
| M171578 | | <2 | 0.10 | <0.5 | 4 | 123 | <1 | 1.44 | <10 | <1 | 0.14 | 20 | 0.20 | 62 | <1 | 0.02 |
| M171579 | | <2 | 0.18 | <0.5 | 6 | 53 | 1 | 1.78 | <10 | <1 | 0.23 | 30 | 0.27 | 80 | 1 | 0.01 |
| M171580 | | <2 | 0.14 | <0.5 | 7 | 30 | <1 | 2.91 | <10 | <1 | 0.21 | 40 | 0.07 | 108 | <1 | <0.01 |
| M171581 | | <2 | 1.02 | 3.7 | 21 | 27 | 180 | 3.71 | 10 | <1 | 0.27 | 10 | 0.84 | 783 | 30 | 0.04 |
| M171582 | | <2 | 0.14 | <0.5 | 10 | 164 | 1 | 2.58 | <10 | <1 | 0.18 | 30 | 0.14 | 182 | 1 | <0.01 |
| M171583 | | <2 | 0.18 | <0.5 | 7 | 124 | 1 | 2.37 | <10 | <1 | 0.17 | 20 | 0.25 | 133 | <1 | 0.01 |
| M171584 | | <2 | 0.17 | <0.5 | 4 | 217 | 2 | 1.36 | <10 | <1 | 0.14 | 20 | 0.19 | 109 | 1 | 0.02 |
| M171585 | | <2 | 0.15 | <0.5 | 5 | 117 | 2 | 1.38 | <10 | <1 | 0.20 | 30 | 0.18 | 101 | <1 | 0.01 |
| M171586 | | <2 | 0.09 | <0.5 | 5 | 105 | 10 | 1.13 | <10 | <1 | 0.20 | 20 | 0.09 | 105 | 1 | 0.01 |
| M171587 | | <2 | 0.43 | 0.5 | 13 | 252 | 4 | 1.78 | <10 | <1 | 0.10 | 30 | 0.23 | 294 | <1 | 0.01 |
| M171588 | | <2 | 0.64 | 0.5 | 7 | 164 | 2 | 1.50 | <10 | 1 | 0.12 | 10 | 0.48 | 177 | <1 | 0.01 |
| M171589 | | 4 | 4.88 | 1.3 | 8 | 208 | 2 | 3.47 | 10 | <1 | 0.11 | <10 | 2.01 | 467 | <1 | <0.01 |
| M171590 | | <2 | 0.36 | 0.8 | 13 | 100 | 1 | 2.37 | <10 | <1 | 0.14 | 30 | 0.20 | 230 | <1 | 0.01 |
| M171591 | | <2 | 0.55 | 1.2 | 9 | 205 | 2 | 1.91 | 10 | <1 | 0.11 | 20 | 0.68 | 214 | 1 | 0.01 |
| M171592 | | <2 | 0.39 | 0.5 | 8 | 184 | 2 | 1.85 | <10 | <1 | 0.12 | 20 | 0.33 | 179 | <1 | 0.01 |
| M171593 | | <2 | 0.18 | <0.5 | 6 | 141 | 2 | 1.40 | <10 | <1 | 0.16 | 30 | 0.13 | 104 | <1 | 0.01 |
| M171594 | | <2 | 0.21 | <0.5 | 3 | 205 | 2 | 0.87 | <10 | <1 | 0.05 | 10 | 0.10 | 86 | <1 | 0.01 |
| M171595 | | 4 | 0.32 | <0.5 | 2 | 238 | 2 | 0.66 | <10 | <1 | 0.10 | 10 | 0.16 | 59 | <1 | 0.01 |
| M171596 | | <2 | 0.18 | <0.5 | 5 | 85 | 1 | 1.64 | <10 | <1 | 0.17 | 30 | 0.33 | 125 | 1 | 0.01 |
| M171597 | | <2 | 0.10 | 0.5 | 5 | 64 | 1 | 1.67 | <10 | 1 | 0.20 | 30 | 0.37 | 85 | <1 | 0.01 |
| M171598 | | <2 | 0.09 | <0.5 | 7 | 45 | <1 | 1.96 | <10 | <1 | 0.17 | 30 | 0.14 | 98 | <1 | <0.01 |
| M171599 | | <2 | 0.14 | 2.8 | 4 | 131 | 3 | 1.36 | <10 | <1 | 0.12 | 20 | 0.14 | 87 | 1 | 0.01 |
| M171600 | | <2 | 1.36 | 3.7 | 20 | 26 | 164 | 3.54 | 10 | <1 | 0.25 | 10 | 0.94 | 783 | 25 | 0.06 |
| M171601 | | <2 | 0.09 | <0.5 | 5 | 37 | 1 | 1.27 | <10 | <1 | 0.17 | 30 | 0.14 | 72 | <1 | 0.01 |
| M171602 | | <2 | 0.11 | <0.5 | 3 | 129 | 1 | 1.03 | <10 | <1 | 0.14 | 20 | 0.18 | 61 | <1 | 0.02 |
| M171603 | | <2 | 0.53 | <0.5 | 4 | 78 | 1 | 1.10 | <10 | <1 | 0.16 | 30 | 0.33 | 128 | 1 | 0.01 |
| M171604 | | <2 | 0.12 | <0.5 | 5 | 118 | 1 | 1.28 | <10 | <1 | 0.17 | 30 | 0.26 | 61 | <1 | 0.01 |
| M171605 | | <2 | 0.04 | <0.5 | 3 | 96 | 1 | 1.38 | <10 | <1 | 0.19 | 20 | 0.23 | 64 | <1 | 0.02 |
| M171606 | | <2 | 0.13 | <0.5 | 5 | 137 | 1 | 1.39 | <10 | <1 | 0.18 | 30 | 0.39 | 80 | <1 | 0.02 |
| M171607 | | <2 | 0.09 | <0.5 | 5 | 72 | 1 | 1.30 | <10 | <1 | 0.24 | 30 | 0.24 | 80 | <1 | 0.01 |
| M171608 | | <2 | 0.20 | <0.5 | 3 | 141 | 1 | 1.05 | <10 | <1 | 0.16 | 30 | 0.22 | 55 | <1 | 0.02 |
| M171609 | | <2 | 0.22 | <0.5 | 6 | 142 | 1 | 1.15 | <10 | <1 | 0.16 | 30 | 0.49 | 102 | <1 | 0.02 |

Comments: NSS is non-sufficient sample.



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Page #: 2 - C
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Date : 29-Oct-2003
Account: NJY

Project : Z-03-18/19

CERTIFICATE OF ANALYSIS VA03040026

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|-----------|----------|-----------|----------|----------|----------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Ti | U | V | W | Zn |
| | | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 | ppm 1 | ppm 1 | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| M171537 | | 5 | 100 | <2 | 0.05 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 11 |
| M171538 | | 6 | 90 | 3 | 0.20 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 10 |
| M171539 | | 6 | 110 | 2 | 0.04 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 10 |
| M171540 | | 4 | 80 | <2 | 0.06 | <2 | 1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 9 |
| M171541 | | 4 | 100 | 3 | 0.02 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 7 |
| M171542 | | 5 | 70 | 3 | 0.02 | <2 | 1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| M171543 | | 4 | 100 | 3 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 7 |
| M171544 | | 2 | 50 | <2 | 0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| M171545 | | 16 | 630 | 41 | 1.12 | <2 | 8 | 60 | 0.08 | <10 | <10 | 78 | <10 | 112 |
| M171546 | | 3 | 90 | 3 | 0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 12 |
| M171547 | | 3 | 70 | 3 | 0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 6 |
| M171548 | | 3 | 50 | 3 | 0.07 | <2 | <1 | 4 | <0.01 | <10 | <10 | 1 | <10 | 4 |
| M171549 | | 3 | 80 | 2 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 5 |
| M171550 | | 5 | 130 | 3 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 5 |
| M171551 | | 5 | 100 | 2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 5 |
| M171552 | | 3 | 60 | <2 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 3 |
| M171553 | | 4 | 100 | 3 | <0.01 | 2 | 1 | 6 | <0.01 | <10 | <10 | 1 | <10 | 4 |
| M171554 | | 5 | 170 | <2 | <0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 5 |
| M171555 | | 3 | 80 | <2 | <0.01 | <2 | 1 | 7 | <0.01 | <10 | <10 | 1 | <10 | 9 |
| M171556 | | 6 | 220 | <2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 13 |
| M171557 | | 5 | 100 | <2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 10 |
| M171558 | | 5 | 110 | <2 | <0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 1 | <10 | 4 |
| M171559 | | 4 | 70 | 2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 4 |
| M171560 | | 4 | 60 | 2 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 3 |
| M171561 | | 3 | 60 | <2 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 3 |
| M171562 | | 19 | 590 | 37 | 1.25 | <2 | 7 | 47 | 0.08 | <10 | <10 | 76 | <10 | 112 |
| M171563 | | 6 | 150 | 3 | <0.01 | <2 | 1 | 1 | <0.01 | <10 | <10 | 2 | <10 | 19 |
| M171564 | | 8 | 100 | 2 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 23 |
| M171565 | | 8 | 110 | 2 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 3 | <10 | 24 |
| M171566 | | 9 | 190 | 2 | <0.01 | 2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 25 |
| M171567 | | 7 | 160 | <2 | <0.01 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 10 |
| M171568 | | 8 | 150 | 3 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 3 | <10 | 14 |
| M171569 | | 12 | 280 | <2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 3 | <10 | 16 |
| M171570 | | 7 | 70 | <2 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 14 |
| M171571 | | 3 | 90 | 4 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 7 |
| M171572 | | 5 | 60 | 2 | <0.01 | <2 | <1 | 2 | <0.01 | <10 | <10 | 1 | <10 | 5 |
| M171573 | | 3 | 60 | <2 | <0.01 | <2 | 1 | 2 | <0.01 | <10 | <10 | 2 | <10 | 11 |
| M171574 | | 4 | 30 | <2 | <0.01 | <2 | <1 | 3 | <0.01 | <10 | <10 | 1 | <10 | 12 |
| M171575 | | 6 | 60 | 2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 1 | <10 | 19 |
| M171576 | | 14 | 470 | 3 | 0.01 | <2 | 2 | 5 | <0.01 | <10 | <10 | 2 | <10 | 28 |

Comments: NSS is non-sufficient sample.



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Page #: 3 - C
Total # of pages : 3 (A - C)
Date : 29-Oct-2003
Account: NJY

Project : Z-03-18/19

CERTIFICATE OF ANALYSIS VA03040026

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 | ME-ICP41 Ti % 0.01 | ME-ICP41 Ti ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 |
|--------------------|-----------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|
| M171577 | | 10 | 190 | 2 | <0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 16 |
| M171578 | | 9 | 110 | 2 | 0.02 | <2 | 1 | 3 | <0.01 | <10 | <10 | 2 | <10 | 17 |
| M171579 | | 14 | 380 | 2 | 0.03 | <2 | 1 | 6 | <0.01 | <10 | <10 | 3 | <10 | 19 |
| M171580 | | 16 | 620 | 2 | 0.01 | <2 | 2 | 7 | <0.01 | <10 | <10 | 2 | <10 | 25 |
| M171581 | | 20 | 590 | 38 | 1.28 | <2 | 7 | 48 | 0.08 | <10 | <10 | 77 | <10 | 112 |
| M171582 | | 15 | 480 | <2 | 0.01 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 41 |
| M171583 | | 12 | 320 | <2 | 0.22 | <2 | 2 | 8 | <0.01 | <10 | <10 | 2 | <10 | 39 |
| M171584 | | 7 | 180 | 2 | 0.02 | 2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 20 |
| M171585 | | 8 | 190 | 5 | 0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 18 |
| M171586 | | 7 | 140 | 16 | 0.06 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 17 |
| M171587 | | 19 | 60 | 6 | 0.01 | <2 | 1 | 13 | <0.01 | <10 | <10 | 2 | <10 | 47 |
| M171588 | | 9 | 90 | 363 | 0.01 | <2 | 1 | 36 | <0.01 | <10 | <10 | 1 | <10 | 27 |
| M171589 | | 12 | 870 | 1590 | 0.01 | <2 | 4 | 384 | <0.01 | <10 | 10 | 3 | <10 | 43 |
| M171590 | | 16 | 240 | 159 | <0.01 | <2 | 2 | 14 | <0.01 | <10 | <10 | 2 | <10 | 61 |
| M171591 | | 11 | 70 | 8 | 0.01 | <2 | 1 | 19 | <0.01 | <10 | <10 | 2 | <10 | 74 |
| M171592 | | 12 | 70 | 6 | 0.02 | <2 | 1 | 12 | <0.01 | <10 | <10 | 2 | <10 | 29 |
| M171593 | | 8 | 300 | 4 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 24 |
| M171594 | | 5 | 110 | 3 | <0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 1 | <10 | 12 |
| M171595 | | 3 | 60 | 1660 | 0.04 | <2 | 1 | 18 | <0.01 | <10 | <10 | 1 | <10 | 8 |
| M171596 | | 9 | 190 | 7 | 0.03 | <2 | 1 | 6 | <0.01 | <10 | <10 | 2 | <10 | 23 |
| M171597 | | 9 | 220 | 7 | 0.03 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 21 |
| M171598 | | 12 | 290 | 5 | 0.01 | 2 | 2 | 4 | <0.01 | <10 | <10 | 2 | <10 | 26 |
| M171599 | | 6 | 140 | 347 | 0.03 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 275 |
| M171600 | | 17 | 620 | 35 | 1.11 | <2 | 7 | 57 | 0.08 | <10 | 10 | 77 | <10 | 112 |
| M171601 | | 7 | 210 | 4 | 0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 | 25 |
| M171602 | | 6 | 110 | 3 | 0.03 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 | 13 |
| M171603 | | 7 | 160 | 2 | 0.01 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 | 16 |
| M171604 | | 8 | 160 | 2 | 0.02 | <2 | 1 | 4 | <0.01 | <10 | <10 | 3 | <10 | 16 |
| M171605 | | 7 | 70 | 3 | 0.05 | <2 | 1 | 3 | <0.01 | <10 | <10 | 3 | <10 | 13 |
| M171606 | | 7 | 110 | <2 | 0.02 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 | 15 |
| M171607 | | 9 | 190 | <2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 | 15 |
| M171608 | | 5 | 130 | <2 | <0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 3 | <10 | 10 |
| M171609 | | 8 | 150 | <2 | <0.01 | 2 | 1 | 7 | <0.01 | <10 | <10 | 3 | <10 | 17 |

Comments: NSS is non-sufficient sample.

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-20

LENGTH: 117.7 M.

| | | | |
|---|-----------------------------|--------------------------|-----------------------------|
| PROPERTY: ZINGER | | HORI. COMP: 83.23 meters | DRILL CONTRACTOR: |
| LOCATION: ALONG ACCESS ROAD 600 Meters SE of Gold Run Lake | | VERT. COMP: 83.23 meters | Lone Ranger |
| COMMENCED: October 12, 2003 | COMPLETED: October 15, 2003 | CORR. DIP: -45° | CORE SIZE: NQ |
| COORDS: Long. | Lat. | TRUE BEARING: 118° Azi | CASING: 7.6 |
| COORDS: UTM (E) 559400 | (N) 5474650 (EL) | % RECOVERY: | CORE STORAGE: Vine Property |
| COORDS: Grid (E) | (N) (EL) | LOGGED DATE: Oct. 2003 | |
| ELEVATION: 1890 meters | COLLAR: Dip: -45° Azi: 118° | LOGGED BY: D.L. Pighin | |
| OBJECTIVE: | | | |
| SURVEYS: Depth: | Dip: Azi: | Type: | |
| ADDITIONAL SURVEYS: | | | |
| Depth: | Dip: Azi: | | |

| From | To | LITHOLOGY: Quartzite interbedded argillite, and lesser siltstone. |
|------|------|---|
| 7.6 | 15.0 | COLOR: Quartzite and siltstone medium gray, argillite, gray-olive gray, and rare light greenish gray. |
| | | PRIMARY STRUCTURE: Medium to thin and very thin bedded, bedding is distinct, generally wavy. Quartzite are fine grained, bedding to core at 11.0 = 45°. |
| | | TECTONIC STRUCTURE: Nil. |
| | | GENERAL ALTERATION: Regional silicification and sericitization. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Nil. |
| | | ADDITIONAL OBSERVATIONS: |

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

27.340

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-20

LENGTH: 117.7 M.

| From | To | LITHOLOGY: Quartzite interbedded argillite and arenaceous argillite (unit + 10% argillite) |
|------|------|--|
| 15.0 | 52.5 | COLOR: Quartzites are light gray to light greenish gray, argillites are apple green with some olive gray argillite beds. |
| | | PRIMARY STRUCTURE: Medium to thin bedded and very thin bedded, bedding is sharp and wavy. Quartzite beds are mainly fine grained, but some coarse grained beds are present, argillite beds are thinly laminated, laminations are wispy and wavy. Mature quartz sand is widely scattered throughout some argillite beds. Bedding to core 20.0 = 52°, at 30 = 36°, at 38 = 40°, at 44.5 = 33°. |
| | | TECTONIC STRUCTURE: Quartz filled fractures are widely scattered throughout this section. The veinlets cut core axis at 40°, 30° and 60°. |
| | | GENERAL ALTERATION: Strongly silicified and sericitized by light yellowish green and white sericite. This is late alteration may be related to late quartz - carbonate veinlets which are widely scattered throughout this section. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Quartz and carbonate (dolomite) and (siderite)? Veinlets are rarely more than 10 mm thick. The veinlets rare host sulphides. 47.0 - 51.0 the veinlets have minor pyrite and rare sphalerite. 50.0 + 50.5 quartz veins hosts weakly disseminated chalcopyrite, rare tetrahedrite, and very rare galena. Malachite and limonite occurs in some of thin fractures. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|----|------------|---|------------|-------|--------|--------|--------|--------|--------|--------|
| 45 | 46 | | Widely scattered quartz - dolomite - siderite drusy quartz veinlets, very rare pyrite. | M 171624 | 1 | <0.05 | <0.2 | <2 | 4 | 15 | 2 |
| 46 | 47 | | Widely scattered quartz - dolomite - siderite drusy quartz veinlets, very rare pyrite. | M 171625 | 1 | 0.19 | <0.2 | 4 | 21 | 16 | 2 |
| 47 | 48 | | Widely scattered quartz - dolomite - siderite drusy quartz veinlets, very rare pyrite. | M 171626 | 1 | 0.61 | 0.3 | 2 | 41 | 8 | 6 |
| 48 | 49 | | Widely scattered quartz - dolomite - siderite drusy quartz veinlets, very rare pyrite. | M 171627 | 1 | 0.07 | <0.2 | 2 | 29 | 5 | 24 |
| 49 | 50 | | Widely scattered quartz - dolomite - siderite drusy quartz veinlets, very rare pyrite. | M 171628 | 1 | <0.05 | 0.2 | <2 | 12 | 4 | 38 |
| 50 | 51 | | Veinlets more abundant, with weak chalcopyrite, rare tetrahedrite, some limonite and malachite. | M 171629 | 1 | <0.05 | 1.6 | 17 | 393 | 24 | 74 |

CHAPLEAU RESOURCES LTD.
DRILL HOLE RECORD

HOLE #: Z-03-20
LENGTH: 117.7 M.

| From | To | LITHOLOGY: Quartzite interbedded argillite. (Section 10% argillite). |
|------|------|---|
| 52.5 | 82.7 | COLOR: Quartzites are light maroon, light purplish gray, and light gray argillite beds are generally yellowish green to yellow. |
| | | PRIMARY STRUCTURE: Thin to very thin bedded, bedding is sharp and strongly wavy. Quartzites are fine grained, rarely parallel laminated, some crenulated lamination. Thin argillite beds show fine wispy and discontinuous current laminations. Bedding to core axis at 53.0 = 37°, at 67.0 = 45°, at 81.0 = 45°. |
| | | TECTONIC STRUCTURE: Moderately fractured and veined from 67.0 to 68.0, fractures are mainly at 90° to bedding at 27° to core, some fractures are parallel to bedding at 45° to core, 73.0 to 74.0 similar fracture zone. |
| | | GENERAL ALTERATION: Regional alteration is "overprinted" by intense late silicification and sericitization. Yellow sericite replaces most of the argillite beds and forms paper thin parallel veinlets and scattered irregular veinlets. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: 67.0 to 68.0 moderately fractured, mineralized by quartz and dolomite, no sulphides. 73 to 74.0 numerous quartz filled fracture (veinlets) rare specularite in quartz veinlets. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|----|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 51 | 52 | | Weakly fracture and very rare pyrite. | M 171630 | 1 | <0.05 | <0.2 | 3 | 3 | 21 | 2 |
| STND | | | 62 P A | M 171631 | | 9.48 | 20 | 18 | 37 | 100 | 164 |
| 67 | 68 | | Moderately fractured and mineralized by quartz, dolomite and disseminated specularite. | M 171632 | 1 | 0.06 | <0.2 | 2 | 3 | 15 | 2 |
| 73 | 74 | | Moderately fractured and mineralized by quartz, dolomite and disseminated specularite. | M 171633 | 1 | <0.05 | <0.2 | 2 | <2 | 22 | 1 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-20

LENGTH: 117.7 M.

| From | To | LITHOLOGY: Quartzite interbedded argillite (unit is 10% argillite). |
|------|------|--|
| 82.7 | 114. | COLOR: Quartzites are light gray, light maroonish gray, with fine yellow lineations. Argillite is generally light yellowish green. |
| | | PRIMARY STRUCTURE: Thin to very thin bedded, bedding is sharp and generally wavy. Quartzites are fine grained, finely wisply laminated by yellow sericite. Argillite beds are generally very thin and finely current laminated. |
| | | TECTONIC STRUCTURE: 89.0 93.0 Moderately fractured at 40° and 29° to core axis and 95.0 – 96.0 moderate fractured, as previously described, 82.7 – 114.0 in general is weakly fractured throughout. |
| | | GENERAL ALTERATION: 82.7 – 114.0 strongly silicified and sericitized. Yellow sericite form paper thin lamina in the quartzite, and generally alters thin argillite beds to yellow sericite. Clear euhedral quartz crystals, in quartz vein vugs are coated in part by small knobs of late dark green chlorite. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Fracture zones described above, are mineralized by white drusy quartz veins, hosting rare pyrite and specularite. Veinlets range from 2 mm to 10 mm in thickness, rarely 30 mm in thickness. |
| | | ADDITIONAL OBSERVATIONS: |

| From | To | %Core Loss | Comments | Sample No. | Width | Au ppm | Ag ppm | As ppm | Pb ppm | Zn ppm | Cu ppm |
|------|-----|------------|--|------------|-------|--------|--------|--------|--------|--------|--------|
| 89 | 90 | | Moderately fractured and mineralized by quartz, dolomite and disseminated specularite. | M 171634 | 1 | <0.05 | 0.2 | <2 | 26 | 17 | 6 |
| 90 | 91 | | Moderately fractured and mineralized by quartz, dolomite and disseminated specularite. | M 171635 | 1 | <0.05 | <0.2 | <2 | 2 | 9 | 2 |
| 91 | 92 | | Moderately fractured and mineralized by quartz, dolomite and disseminated specularite. | M 171636 | 1 | <0.05 | <0.2 | <2 | 7 | 14 | 2 |
| 92 | 93 | | Moderately fractured and mineralized by quartz, dolomite and disseminated specularite. | M 171637 | 1 | <0.05 | 0.2 | <2 | 56 | 24 | 12 |
| 95 | 96 | | Moderately fractured and mineralized by quartz, dolomite and disseminated specularite. | M 171638 | 1 | <0.05 | <0.2 | <2 | 10 | 11 | 6 |
| 106 | 107 | | Moderately fractured and mineralized by quartz, dolomite and disseminated specularite. | M 171639 | 1 | <0.05 | <0.2 | <2 | 9 | 76 | 5 |
| 107 | 108 | | Moderately fractured and mineralized by quartz, dolomite and disseminated specularite. | M 171640 | 1 | <0.05 | <0.2 | <2 | 3 | 10 | 3 |
| 108 | 109 | | Moderately fractured and mineralized by quartz, dolomite and disseminated specularite. | M 171641 | 1 | <0.05 | <0.2 | <2 | 3 | 8 | 3 |

CHAPLEAU RESOURCES LTD.

DRILL HOLE RECORD

HOLE #: Z-03-20

LENGTH: 117.7 M.

| From | To | LITHOLOGY: Quartzite interbedded argillite. |
|--------|-------|--|
| 114.0 | 117.7 | COLOR: Quartzites are gray, argillite light olive gray. |
| End of | | PRIMARY STRUCTURE: Thin to very thin bedded, bedding is distinct and wavy. Quartzite and argillite beds are finely current laminated. In general thin quartzite beds are fine grained, but rare thin coarse grained beds do occur. Bedding to core axis at 117.7 = 52°. |
| Hole. | | TECTONIC STRUCTURE: Nil. |
| | | GENERAL ALTERATION: Only regional. |
| | | MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Nil. |
| | | ADDITIONAL OBSERVATIONS: |



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CRANBROOK BC V1C 2N1

Page #: 1
Date : 27-Oct-2003
Account: NJY

CERTIFICATE VA03042184

Project : Z-03-19/20

P.O. No:

This report is for 24 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 17-Oct-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-21 | Crush entire sample 70% < 6 mm |
| PUL-21 | Pulverize entire sample |
| LOG-24 | Pulp Login - Rcd w/o Barcode |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
104-135 10TH AVE S
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Date : 27-Oct-2003
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CERTIFICATE OF ANALYSIS VA03042184

| Method Analyte Units LOR | WEI-21 Recvd Wt kg 0.02 | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 |
|-----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| Sample Description | | | | | | | | | | | | | | | |
| M171610 | <0.02 | NSS | NSS | NSS | NSS | NSS | NSS | 11.50 | 10.60 | 24.3 | 1.78 | 23 | <10 | 120 | <0.5 |
| M171611 | 2.80 | <0.05 | <0.05 | <0.05 | <0.001 | 16.01 | 2692 | 0.01 | 0.01 | <0.2 | 0.23 | <2 | <10 | 280 | <0.5 |
| M171612 | 2.50 | <0.05 | <0.05 | <0.05 | <0.001 | 15.71 | 2395 | <0.01 | <0.01 | <0.2 | 0.29 | <2 | <10 | 60 | <0.5 |
| M171613 | 1.96 | <0.05 | <0.05 | <0.05 | <0.001 | 4.30 | 1881.0 | <0.01 | <0.01 | <0.2 | 0.28 | <2 | <10 | 200 | <0.5 |
| M171614 | 3.34 | <0.05 | <0.05 | <0.05 | <0.001 | 32.94 | 3093 | <0.01 | <0.01 | <0.2 | 0.35 | <2 | <10 | 70 | <0.5 |
| M171615 | 2.48 | <0.05 | <0.05 | <0.05 | <0.001 | 24.41 | 2364 | <0.01 | <0.01 | <0.2 | 0.40 | <2 | <10 | 80 | 0.5 |
| M171616 | 2.12 | <0.05 | <0.05 | <0.05 | <0.001 | 3.19 | 2012 | <0.01 | <0.01 | <0.2 | 0.19 | <2 | <10 | 20 | <0.5 |
| M171617 | 2.66 | <0.05 | <0.05 | <0.05 | <0.001 | 5.51 | 2348 | <0.01 | <0.01 | <0.2 | 0.17 | <2 | <10 | 20 | <0.5 |
| M171618 | 1.90 | <0.05 | <0.05 | <0.05 | <0.001 | 16.05 | 1802.0 | <0.01 | <0.01 | <0.2 | 0.20 | <2 | <10 | 20 | <0.5 |
| M171619 | 2.56 | <0.05 | <0.05 | <0.05 | <0.001 | 5.98 | 2441 | <0.01 | <0.01 | <0.2 | 0.19 | <2 | <10 | 20 | <0.5 |
| M171620 | 2.54 | <0.05 | <0.05 | <0.05 | <0.001 | 4.01 | 2404 | <0.01 | <0.01 | <0.2 | 0.25 | 3 | <10 | 30 | <0.5 |
| M171621 | <0.02 | <0.05 | <0.05 | <0.05 | <0.001 | 3.63 | 2763 | <0.01 | <0.01 | <0.2 | 0.17 | <2 | <10 | 20 | <0.5 |
| M171622 | 3.18 | <0.05 | <0.05 | <0.05 | <0.001 | 6.05 | 2979 | <0.01 | <0.01 | <0.2 | 0.20 | <2 | <10 | 200 | <0.5 |
| M171623 | 3.18 | <0.05 | <0.05 | <0.05 | <0.001 | 17.05 | 2400 | <0.01 | <0.01 | <0.2 | 0.30 | <2 | <10 | 40 | <0.5 |
| M171624 | 2.50 | <0.05 | <0.05 | <0.05 | <0.001 | 4.94 | 2234 | <0.01 | <0.01 | <0.2 | 0.28 | <2 | <10 | 50 | <0.5 |
| M171625 | 2.36 | 0.19 | 0.45 | 0.19 | 0.004 | 8.81 | 1848.0 | 0.15 | 0.22 | <0.2 | 0.35 | 4 | <10 | 60 | <0.5 |
| M171626 | 2.10 | 0.61 | 0.58 | 0.62 | 0.004 | 6.92 | 1848.0 | 0.66 | 0.57 | 0.3 | 0.24 | 2 | <10 | 40 | <0.5 |
| M171627 | 2.20 | 0.07 | 1.42 | 0.07 | 0.010 | 7.02 | 2099 | 0.04 | 0.09 | <0.2 | 0.32 | 2 | <10 | 60 | <0.5 |
| M171628 | 2.24 | <0.05 | <0.05 | <0.05 | <0.001 | 3.59 | 2139 | 0.01 | 0.02 | 0.2 | 0.20 | <2 | <10 | 20 | <0.5 |
| M171629 | 2.68 | <0.05 | <0.05 | <0.05 | <0.001 | 7.47 | 2563 | 0.01 | 0.01 | 1.6 | 0.26 | 17 | <10 | 50 | <0.5 |
| M171630 | 2.56 | <0.05 | <0.05 | <0.05 | <0.001 | 10.29 | 2446 | 0.01 | 0.01 | <0.2 | 0.40 | 3 | <10 | 180 | 0.5 |
| M171631 | 0.10 | 9.48 | <0.05 | 9.61 | <0.001 | 0.28 | 21.2 | 9.66 | 9.55 | 20.0 | 2.13 | 18 | <10 | 100 | <0.5 |
| M171632 | 3.06 | 0.06 | 0.17 | 0.06 | 0.002 | 11.96 | 2911 | 0.05 | 0.07 | <0.2 | 0.21 | 2 | <10 | 100 | <0.5 |
| M171633 | 2.48 | <0.05 | <0.05 | <0.05 | <0.001 | 8.43 | 2368 | <0.01 | <0.01 | <0.2 | 0.35 | 2 | <10 | 280 | <0.5 |

Comments: NSS is non-sufficient sample.



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Page #: 2 - B
Total # of pages : 2 (A - C)
Date : 27-Oct-2003
Account: NJY

Project : Z-03-19/20

CERTIFICATE OF ANALYSIS VA03042184

| Method Analyte Units LOR | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 |
|-----------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| Sample Description | | | | | | | | | | | | | | | |
| M171610 | <2 | 0.94 | 3.9 | 21 | 26 | 205 | 3.60 | 10 | 1 | 0.27 | 10 | 0.86 | 797 | 30 | 0.04 |
| M171611 | <2 | 0.13 | <0.5 | 3 | 147 | 5 | 0.87 | <10 | <1 | 0.13 | 20 | 0.30 | 64 | 1 | 0.02 |
| M171612 | <2 | 0.12 | <0.5 | 5 | 124 | 2 | 1.05 | <10 | <1 | 0.17 | 30 | 0.52 | 102 | 1 | 0.02 |
| M171613 | <2 | 0.12 | <0.5 | 4 | 156 | 2 | 1.10 | <10 | 1 | 0.17 | 20 | 0.51 | 108 | <1 | 0.02 |
| M171614 | <2 | 0.10 | <0.5 | 6 | 87 | 1 | 1.27 | <10 | <1 | 0.22 | 30 | 0.53 | 95 | <1 | 0.02 |
| M171615 | <2 | 0.15 | <0.5 | 8 | 74 | 2 | 1.77 | <10 | <1 | 0.26 | 30 | 0.78 | 149 | <1 | 0.01 |
| M171616 | <2 | 0.13 | <0.5 | 6 | 222 | 3 | 1.12 | <10 | <1 | 0.05 | 10 | 0.50 | 113 | 1 | 0.03 |
| M171617 | <2 | 0.08 | <0.5 | 2 | 188 | 1 | 0.71 | <10 | 1 | 0.05 | 20 | 0.27 | 69 | 1 | 0.03 |
| M171618 | <2 | 0.12 | <0.5 | 2 | 170 | 2 | 0.63 | <10 | <1 | 0.11 | 20 | 0.25 | 64 | <1 | 0.02 |
| M171619 | <2 | 0.11 | <0.5 | 1 | 183 | 2 | 0.64 | <10 | 1 | 0.05 | 20 | 0.23 | 56 | <1 | 0.04 |
| M171620 | <2 | 0.06 | <0.5 | 2 | 155 | 1 | 0.63 | <10 | <1 | 0.10 | 30 | 0.24 | 50 | <1 | 0.03 |
| M171621 | <2 | 0.11 | <0.5 | 1 | 172 | 2 | 0.73 | <10 | <1 | 0.06 | 20 | 0.26 | 67 | 1 | 0.03 |
| M171622 | <2 | 0.92 | <0.5 | 3 | 175 | 2 | 0.84 | <10 | <1 | 0.11 | 20 | 0.86 | 132 | 1 | 0.02 |
| M171623 | <2 | 0.14 | <0.5 | 4 | 65 | 1 | 1.02 | <10 | <1 | 0.18 | 40 | 0.58 | 76 | 1 | 0.01 |
| M171624 | <2 | 0.13 | <0.5 | 5 | 98 | 2 | 1.01 | <10 | 1 | 0.20 | 30 | 0.31 | 145 | <1 | 0.03 |
| M171625 | <2 | 0.18 | <0.5 | 5 | 81 | 2 | 1.18 | <10 | 1 | 0.26 | 30 | 0.31 | 207 | 2 | 0.02 |
| M171626 | <2 | 0.17 | <0.5 | 3 | 170 | 6 | 0.83 | <10 | <1 | 0.18 | 20 | 0.16 | 123 | 3 | 0.02 |
| M171627 | <2 | 0.18 | <0.5 | 2 | 115 | 24 | 0.59 | <10 | <1 | 0.24 | 20 | 0.15 | 123 | 5 | 0.01 |
| M171628 | <2 | 0.25 | <0.5 | 1 | 174 | 38 | 0.44 | <10 | 1 | 0.15 | 10 | 0.14 | 132 | 21 | 0.02 |
| M171629 | 2 | 0.20 | 0.8 | 3 | 211 | 74 | 0.93 | <10 | <1 | 0.14 | 30 | 0.16 | 145 | 4 | 0.01 |
| M171630 | <2 | 0.17 | <0.5 | 5 | 95 | 2 | 1.61 | <10 | <1 | 0.27 | 30 | 0.43 | 152 | <1 | 0.01 |
| M171631 | <2 | 1.42 | 3.1 | 20 | 26 | 164 | 3.91 | 10 | <1 | 0.26 | 10 | 1.02 | 865 | 27 | 0.06 |
| M171632 | <2 | 0.10 | <0.5 | 3 | 143 | 2 | 0.81 | <10 | <1 | 0.12 | 30 | 0.19 | 103 | <1 | 0.03 |
| M171633 | <2 | 0.18 | <0.5 | 5 | 99 | 1 | 1.00 | <10 | <1 | 0.22 | 50 | 0.47 | 216 | <1 | 0.02 |

Comments: NSS is non-sufficient sample.



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Page #: 2 - C
Total # of pages: 2 (A - C)
Date: 27-Oct-2003
Account: NJY

Project: Z-03-19/20

CERTIFICATE OF ANALYSIS VA03042184

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|-----------|----------|-----------|----------|----------|----------|-----------|-----------|-----------|----------|-----------|
| | | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Ti | U | V | W |
| | | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 | ppm 1 | ppm 1 | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 |
| M171610 | | 18 | 630 | 48 | 1.34 | <2 | 7 | 50 | 0.08 | <10 | <10 | 76 | <10 |
| M171611 | | 5 | 110 | 2 | 0.01 | <2 | 1 | 8 | <0.01 | <10 | <10 | 3 | <10 |
| M171612 | | 8 | 160 | 2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 3 | <10 |
| M171613 | | 6 | 220 | <2 | 0.01 | <2 | 1 | 9 | <0.01 | <10 | <10 | 3 | <10 |
| M171614 | | 9 | 210 | 3 | <0.01 | <2 | 1 | 7 | 0.01 | <10 | <10 | 4 | <10 |
| M171615 | | 13 | 380 | 3 | <0.01 | <2 | 1 | 8 | 0.01 | <10 | <10 | 5 | <10 |
| M171616 | | 7 | 80 | 2 | <0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 1 | <10 |
| M171617 | | 4 | 50 | 2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 1 | <10 |
| M171618 | | 4 | 70 | 2 | <0.01 | <2 | 1 | 5 | <0.01 | <10 | <10 | 2 | <10 |
| M171619 | | 3 | 70 | 2 | <0.01 | 2 | 1 | 5 | <0.01 | <10 | <10 | 1 | <10 |
| M171620 | | 4 | 80 | 2 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 2 | <10 |
| M171621 | | 4 | 80 | 4 | <0.01 | <2 | 1 | 4 | <0.01 | <10 | <10 | 1 | <10 |
| M171622 | | 6 | 140 | 3 | 0.01 | <2 | 1 | 20 | <0.01 | <10 | <10 | 2 | <10 |
| M171623 | | 9 | 330 | 2 | <0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 3 | <10 |
| M171624 | | 6 | 100 | 4 | 0.01 | <2 | 1 | 7 | <0.01 | <10 | <10 | 2 | <10 |
| M171625 | | 6 | 180 | 21 | 0.16 | <2 | 1 | 9 | <0.01 | <10 | <10 | 2 | <10 |
| M171626 | | 4 | 80 | 41 | 0.24 | <2 | 1 | 8 | <0.01 | <10 | <10 | 2 | <10 |
| M171627 | | 3 | 80 | 29 | 0.11 | <2 | 1 | 10 | <0.01 | <10 | <10 | 2 | <10 |
| M171628 | | 2 | 40 | 12 | 0.01 | <2 | <1 | 8 | <0.01 | <10 | <10 | 1 | <10 |
| M171629 | | 5 | 200 | 393 | 0.02 | 7 | 1 | 15 | <0.01 | <10 | <10 | 1 | <10 |
| M171630 | | 7 | 630 | 3 | 0.02 | <2 | 1 | 13 | <0.01 | <10 | <10 | 3 | <10 |
| M171631 | | 18 | 700 | 37 | 1.21 | <2 | 8 | 64 | 0.09 | <10 | <10 | 82 | <10 |
| M171632 | | 5 | 100 | 3 | <0.01 | <2 | 1 | 8 | <0.01 | <10 | <10 | 1 | <10 |
| M171633 | | 8 | 200 | <2 | 0.01 | <2 | 1 | 13 | <0.01 | <10 | <10 | 2 | <10 |

Comments: NSS is non-sufficient sample.



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Page #: 1
Date : 3-Nov-2003
Account: NJY

CERTIFICATE VA03042719

Project : Z-03-20/B-03-12

P.O. No:

This report is for 10 DRILL CORE samples submitted to our lab in North Vancouver, BC, Canada on 22-Oct-2003.

The following have access to data associated with this certificate:

ROBIN SUDO

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rod w/o BarCode |
| CRU-21 | Crush entire sample 70% < 6 mm |
| PUL-21 | Pulverize entire sample |
| SCR-21 | Screen to -100 um |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: CHAPLEAU RESOURCES
ATTN: ROBIN SUDO
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Total # of pages : 2 (A - C)
Date : 3-Nov-2003
Account: NJY

Project : Z-03-20/B-03-12

CERTIFICATE OF ANALYSIS VA03042719

| Sample Description | Method Analyte Units LOR | WEI-21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-SCR21 | Au-AA25 | Au-AA25D | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-----------------------|----------------------|-------------------|-------------------|------------------|-----------------|----------------|----------------|-----------------|------------------|
| | | Recvd Wt kg 0.02 | Au Total ppm 0.05 | Au (+) F ppm 0.05 | Au (-) F ppm 0.05 | Au (+) m mg 0.001 | WT. + Fr g 0.01 | WT. - Fr g 0.1 | Au ppm 0.01 | Au ppm 0.01 | Ag ppm 0.2 | Al % 0.01 | As ppm 2 | S ppm 10 | Sa ppm 10 | Se ppm 0.5 |
| M171634 | | 2.68 | <0.05 | <0.05 | <0.05 | <0.001 | 36.90 | 2543 | <0.01 | <0.01 | 0.2 | 0.23 | <2 | <10 | 20 | <0.5 |
| M171635 | | 2.66 | <0.05 | <0.05 | <0.05 | <0.001 | 28.24 | 2538 | <0.01 | <0.01 | <0.2 | 0.12 | <2 | <10 | 40 | <0.5 |
| M171636 | | 2.70 | <0.05 | <0.05 | <0.05 | <0.001 | 23.73 | 2589 | <0.01 | <0.01 | <0.2 | 0.22 | <2 | <10 | 60 | <0.5 |
| M171637 | | 2.22 | <0.05 | <0.05 | <0.05 | <0.001 | 27.56 | 2114 | <0.01 | <0.01 | 0.2 | 0.25 | <2 | <10 | 40 | <0.5 |
| M171638 | | 2.56 | <0.05 | <0.05 | <0.05 | <0.001 | 25.54 | 2460 | <0.01 | 0.01 | <0.2 | 0.14 | <2 | <10 | 20 | <0.5 |
| M171639 | | 2.80 | <0.05 | <0.05 | <0.05 | <0.001 | 23.85 | 2674 | <0.01 | <0.01 | <0.2 | 0.36 | <2 | <10 | 50 | <0.5 |
| M171640 | | 2.50 | <0.05 | <0.05 | <0.05 | <0.001 | 32.88 | 2380 | <0.01 | <0.01 | <0.2 | 0.15 | <2 | <10 | 10 | <0.5 |
| M171641 | | 2.22 | <0.05 | <0.05 | <0.05 | <0.001 | 24.89 | 2116 | <0.01 | <0.01 | <0.2 | 0.24 | <2 | <10 | 20 | <0.5 |
| M171642 | | 1.10 | <0.05 | <0.05 | <0.05 | <0.001 | 22.41 | 1003.0 | 0.01 | 0.01 | 0.2 | 0.56 | 29 | <10 | 50 | <0.5 |
| M171643 | | 1.90 | <0.05 | <0.05 | <0.05 | <0.001 | 38.40 | 1742.0 | <0.01 | <0.01 | 0.2 | 0.51 | 32 | <10 | 40 | <0.5 |



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Total # of pages : 2 (A - C)
Date : 3-Nov-2003
Account: NJY

Project : Z-03-20/B-03-12

CERTIFICATE OF ANALYSIS VA03042719

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------------|-----------------|------------------|----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|
| | | Bi ppm 2 | Ca % 0.01 | Cd ppm 0.5 | Co ppm 1 | Cr ppm 1 | Cu ppm 1 | Fe % 0.01 | Ga ppm 10 | Hg ppm 1 | K % 0.01 | La ppm 10 | Mg % 0.01 | Mn ppm 5 | Mo ppm 1 | Na % 0.01 |
| M171634 | | <2 | 0.21 | <0.5 | 2 | 124 | 6 | 0.90 | <10 | <1 | 0.08 | 40 | 0.18 | 197 | <1 | 0.03 |
| M171635 | | <2 | 0.24 | <0.5 | 1 | 144 | 2 | 0.89 | <10 | <1 | 0.05 | 20 | 0.13 | 178 | <1 | 0.03 |
| M171636 | | <2 | 0.33 | <0.5 | 2 | 142 | 2 | 0.98 | <10 | <1 | 0.15 | 30 | 0.22 | 196 | <1 | 0.02 |
| M171637 | | <2 | 0.17 | <0.5 | 3 | 136 | 12 | 1.01 | <10 | <1 | 0.15 | 30 | 0.23 | 148 | 1 | 0.02 |
| M171638 | | <2 | 0.07 | <0.5 | 1 | 134 | 6 | 0.72 | <10 | <1 | 0.05 | 20 | 0.13 | 60 | 1 | 0.04 |
| M171639 | | <2 | 0.21 | 1.9 | 4 | 98 | 5 | 1.54 | <10 | <1 | 0.20 | 50 | 0.37 | 148 | <1 | 0.01 |
| M171640 | | <2 | 0.15 | <0.5 | 2 | 149 | 3 | 0.72 | <10 | <1 | 0.05 | 10 | 0.17 | 97 | 1 | 0.03 |
| M171641 | | <2 | 0.11 | <0.5 | 2 | 159 | 3 | 0.55 | <10 | <1 | 0.06 | 10 | 0.15 | 62 | <1 | 0.03 |
| M171642 | | <2 | 0.39 | <0.5 | 11 | 42 | 26 | 2.99 | <10 | <1 | 0.20 | 40 | 0.13 | 755 | 1 | 0.02 |
| M171643 | | <2 | 0.10 | <0.5 | 12 | 35 | 38 | 2.75 | <10 | <1 | 0.18 | 40 | 0.16 | 685 | 1 | 0.01 |



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Date : 3-Nov-2003
Account: NJY

Project : Z-03-20/B-03-12

CERTIFICATE OF ANALYSIS VA03042719

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|-----------|----------|-----------|----------|----------|----------|-----------|-----------|-----------|----------|-----------|----------|
| | | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn |
| | | ppm 1 | ppm 10 | ppm 2 | % 0.01 | ppm 2 | ppm 1 | ppm 1 | % 0.01 | ppm 10 | ppm 10 | ppm 1 | ppm 10 | ppm 2 |
| M171634 | | 3 | 70 | 26 | 0.03 | <2 | 1 | 13 | <0.01 | <10 | <10 | 2 | <10 | 17 |
| M171635 | | 2 | 60 | 2 | 0.01 | <2 | 1 | 9 | <0.01 | <10 | <10 | 1 | <10 | 9 |
| M171636 | | 5 | 100 | 7 | 0.02 | <2 | 1 | 13 | <0.01 | <10 | <10 | 2 | <10 | 14 |
| M171637 | | 5 | 100 | 56 | <0.01 | <2 | 1 | 12 | <0.01 | <10 | <10 | 2 | <10 | 24 |
| M171638 | | 2 | 60 | 10 | <0.01 | <2 | 1 | 7 | <0.01 | <10 | <10 | 1 | <10 | 11 |
| M171639 | | 7 | 430 | 9 | 0.01 | <2 | 1 | 15 | <0.01 | <10 | <10 | 2 | <10 | 76 |
| M171640 | | 3 | 60 | 3 | <0.01 | <2 | 1 | 8 | <0.01 | <10 | <10 | 1 | <10 | 10 |
| M171641 | | 3 | 70 | 3 | <0.01 | <2 | <1 | 8 | <0.01 | <10 | <10 | 1 | <10 | 8 |
| M171642 | | 16 | 490 | 22 | 0.01 | <2 | 2 | 14 | <0.01 | <10 | <10 | 4 | <10 | 43 |
| M171643 | | 17 | 400 | 26 | 0.04 | <2 | 1 | 10 | <0.01 | <10 | <10 | 3 | <10 | 40 |