PART A

ASSESSMENT REPORT

on

PROSPECTING, GEOLOGICAL MAPPING & ROCK GEOCHEMISTRY

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ZINGER CLAIMS

Upper Perry Creek Area

FORT STEELE MINING DIVISION

NTS 82 F/9 E
TRIM 82F.050

UTM 5478000N 561000E

By

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1.00 INTRODUCTION

This report describes a program of prospecting, geological mapping and rock geochemistry completed on the Zinger property in the upper Perry Creek and Hellroaring Creek drainages during 2002.

1.10 Location and Access

The Zinger claims are 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 the headwaters of both drainages. The claims are centered near UTM coordinates 5478000N, 561000E.

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

1.20 Property

The Zinger claims as reported on here are a contiguous group of 169 two-post claims either owned by or under option to National Gold Corporation of Vancouver, B.C. (Fig. 2). They include the Zinger 1 to 96, Zinger 100 to 168, Soc. Hoard 2 and 3, Hot Sausage and H.S. mineral claims and are contiguous with a larger block of claims that includes the GAR claims which are the subject of part B of this report.

1.30 Physiography

The Zinger claim group occurs within the Moyie Range of the Purcell Mountains, in moderately rugged terrain near the headwaters of Perry and Hellroaring Creeks. Elevation on the claim block ranges from 1520m to 2220m. Forest cover consists of a mixture of pine, fir and larch. Portions of the claim block in both the Perry Creek and Hellroaring Creek drainages have been recently clear-cut logged.

1.40 History of Previous Exploration

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 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 this century. Several adits and shafts on the old 'Yellow Metal' property, which is now part of the Zinger claims, are described in B.C Ministry of Mines Annual Report for 1916.

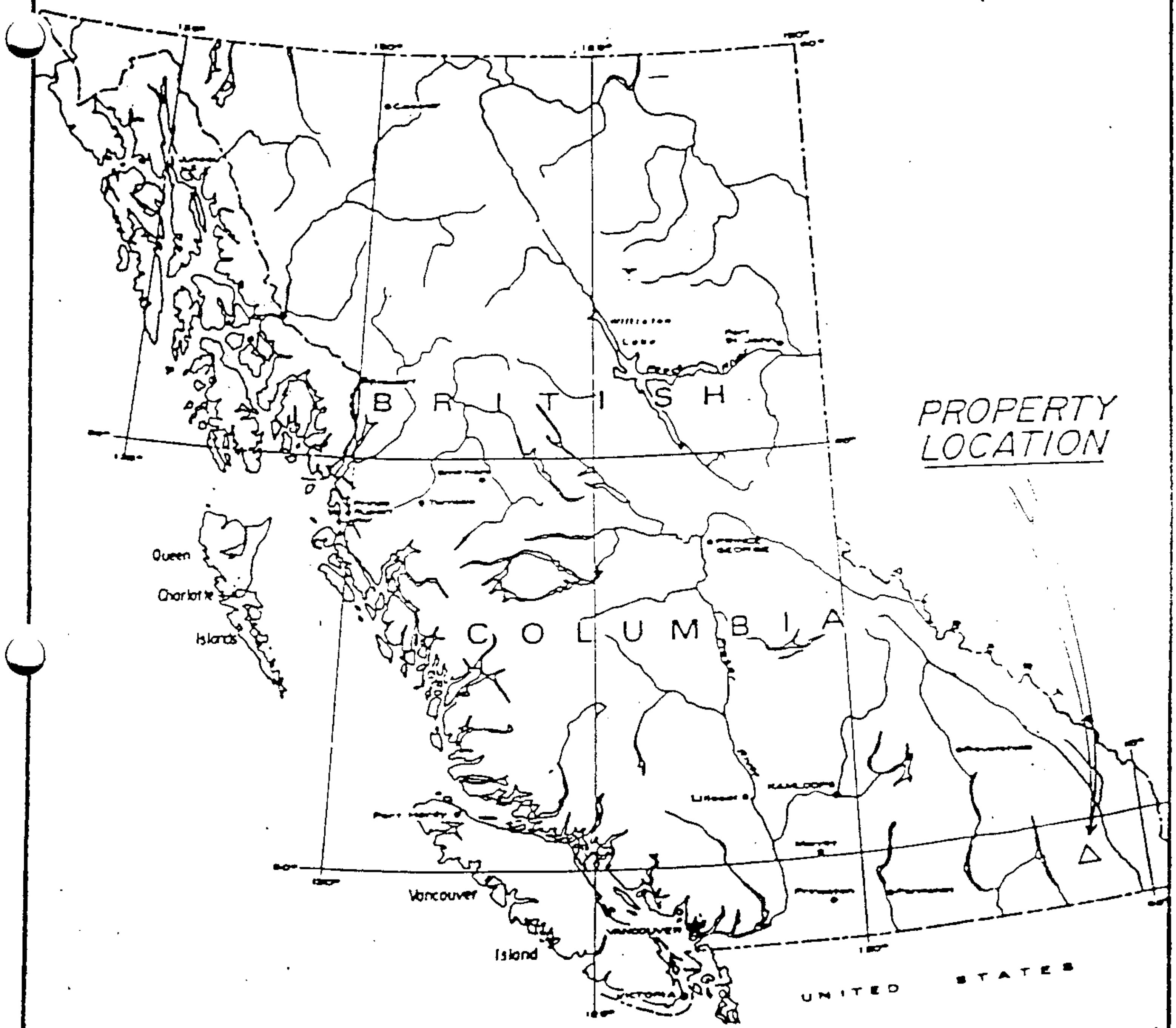

Figure 1
ZINGER CLAIMS
PROPERTY LOCATION MAP

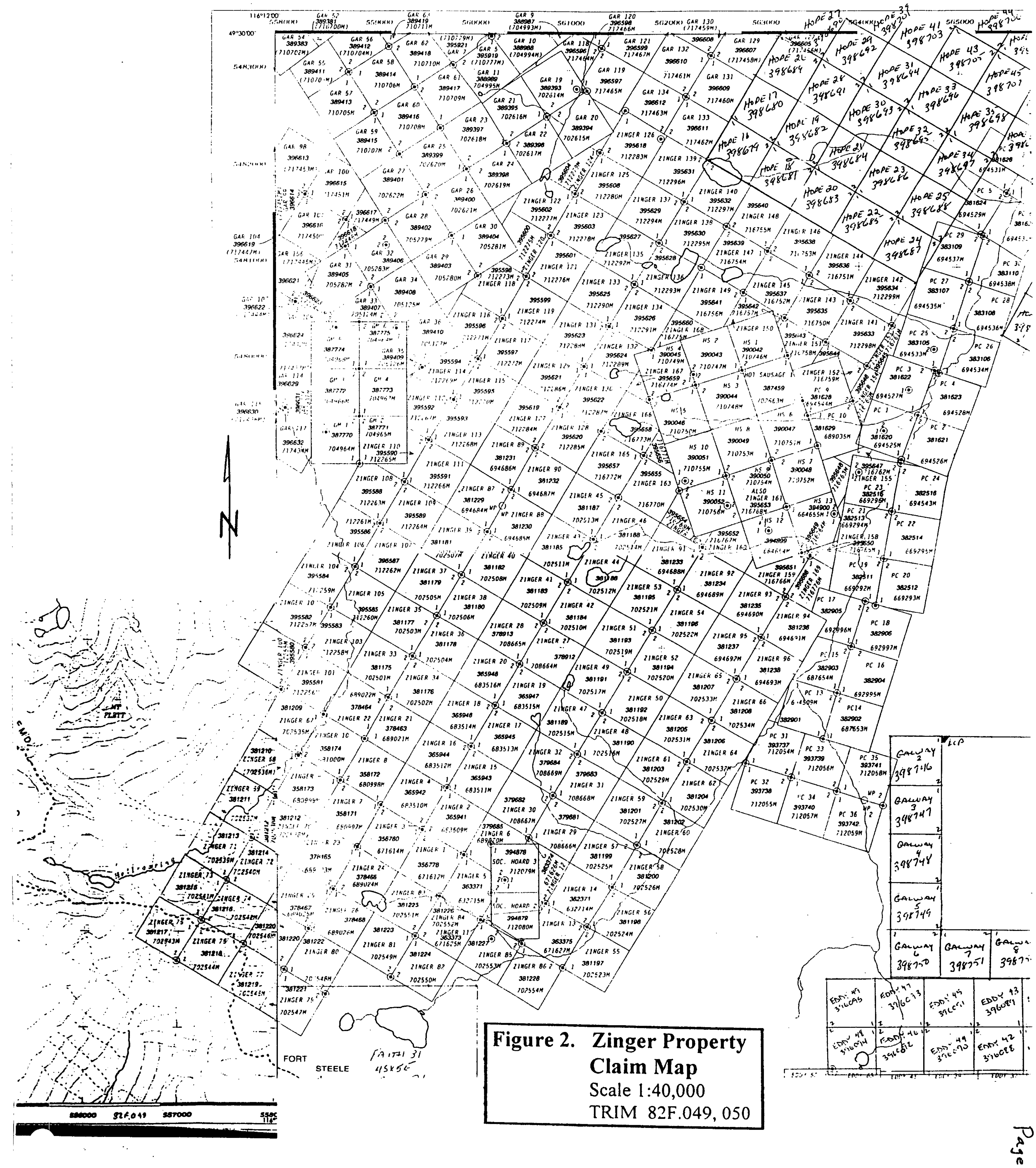

Figure 2. Zinger Property Claim Map
Scale 1:40,000
TRIM 82F.049, 050

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

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 (Bishop, 1987, A.R. 16,656).

Also in the mid-1980's, the 'Yellow Metal' prospect was explored using soil geochemistry and ground geophysics and trenching (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 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, AR 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, AR 26,216).

In 2000 additional soil and rock geochemistry sampling was done and the area of anomalous gold mineralization was extended to the northeast into the Heart Lake area (Klewchuk, 2001).

1.50 Purpose of Survey

During 2002 much of the claim block was prospected by Tom Kennedy with numerous rock samples collected. A follow-up geologic mapping program covered most of the claim area and focused on the more favourable rock geochem mineralization..

2.00 GEOLOGY

2.10 Regional Geology

The area of the Zinger claims is underlain by the Mesoproterozoic Purcell Supergroup, a thick succession of fine grained clastic and carbonate sedimentary rocks exposed in the core of the Purcell Anticlinorium in southeast British Columbia. These rocks are believed by most workers (eg. Harrison, 1972) to have been deposited in an epicratonic re-entrant of a sea that extended along the western margin of the Precambrian North American Craton.

The oldest known member of the Purcell Supergroup is the Aldridge Formation, a thick sequence of fine-grained siliciclastic rocks deposited largely by turbidity currents. The Aldridge Formation is gradationally overlain by shallower-water deltaic clastics of the Creston Formation. The Creston Formation is in turn overlain by predominantly dolomitic siltstones of the Kitchener Formation.

The Purcell Anticlinorium is transected by a number of steep transverse and longitudinal faults. The transverse faults appear to have been syndepositional (Lis and Price, 1976) and Hoy (1982) suggests a possible genetic link between mineralization and syndepositional faulting. Longitudinal faults which more closely parallel the direction of basin growth faults may have played a similar role. Gold mineralization, most of which is believed Cretaceous in age, appears to be related to felsic intrusive activity and controlled by brittle deformation structures. The Grassy Mountain Stock, a Cretaceous granitic plug, outcrops east of Hellroaring Creek about two kilometers west of the northwestern Zinger claim boundary.

2.20 Property Geology

The Zinger property is underlain mainly by rocks of the Creston Formation with small portions of the claim block underlain by Kitchener Formation rocks. 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. Kitchener Formation is also exposed lower in the Perry Creek valley, below the Perry Creek Fault. On the property, the Creston Formation consists mainly of shallow water laminated and thin bedded argillites, medium to thick bedded siltstones and medium and thicker bedded quartzites. The lithologic character can vary 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 tan 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.

The Kitchener Formation is typically thin bedded to laminated and consists of vari-colored siltstones and argillites that are commonly dolomitic and thus weather to a buff-brown color.

Quartz Veining.

Quartz veining is widespread over the property but varies considerably in intensity from place to place. Three main styles of quartz veining are present on the Zinger claims:

1. Massive to brecciated, northeast-trending quartz veins, some of which are associated with shear zones.
2. Narrow stockwork veins which are bedding and / or cleavage -parallel and which carry the most consistent high gold values ("Zinger Zones").
3. Northwest-striking 'barren', and presumably late, veins up to 4 meters wide, commonly with specular hematite and usually with proximal chlorite alteration.

1. *Northeast-trending quartz veins / shear zones*

The largest quartz veins seen on the property are northeast-striking (parallel to the Perry Creek Fault) but dip more steeply to the west than their host Creston Fm sediments. Margins of these veins are typically sheared, indicating the veins have been intruded into shear zones or there has been later deformation. Two styles of northeast quartz veining are present; one is a lens-shaped quartz ledge or quartz flooded zone and the other is a more obvious shear zone. The best examples of the shear zone style of quartz veining are about 1.5 kilometers east of Gold Run Lake; one of the quartz vein / shear zone systems was trenched and drilled by Consolidated Ramrod Gold Corp. in 1993 (Klewchuk, 1994, AR 23,398).

Quartz ledges or quartz flooded zones are northeast-striking and typically dip more steeply to the west than their host Creston Fm sediments. A suite of these massive quartz lenses occurs on the broad ridge between Shorty Creek and Liverpool Creek. Some of the quartz flooded zones appear to be entirely exposed at surface; others are only partially exposed or indicated by local concentrations of massive quartz rubble. They are up to 5 meters wide and can be followed for up to 200 meters along strike. They include massive milky white bull quartz, internally brecciated quartz and some marginal brecciated host sediments. Locally, abundant pyrite can be present, along with minor galena and chalcopyrite, although generally the sulfide content is low. Argillite and siltstone bands along the contacts tend to be phyllitic and sericitically altered. The numerous quartz lenses mapped to date on the property are all parallel-trending, with a northeast strike, parallel to the Perry Creek Fault. They appear to be tension gash fillings and thus may be oblique to their causative structures. The presence of (generally weak) gold mineralization within these quartz lenses indicates they were developed during the gold-mineralizing event. Gold values tend to be low, commonly less than 100 ppb although selected grab samples (eg, HS 55, on the Hot Sausage claims north of the Zinger claims, of brecciated sediments and quartz near a contact) have up to 1707 ppb Au (Kennedy and Klewchuk, 2002).

Similar lensoid quartz flooded zones are present elsewhere in the district, in the vicinity of known placer and lode gold occurrences. Much of the historic trenching that has taken place in the district looking for lode gold has been on these quartz flooded zones.

2. *Narrow, gold-enriched stockwork veins (Zinger Zones)*

Small stockworks of thin sulfide-enriched auriferous quartz veins are developed at a number of localities on the Zinger property, almost always adjacent to steep-dipping northwest fractures . The thin quartz veins are typically only a few millimeters wide, rarely getting over 2 or 3 centimeters in width. On flatter bedrock surfaces the stockwork veins can be seen developed parallel to (bedding sub-parallel) cleavage. On small cliff exposures these zones can also be seen developed in local sub-horizontal monoclinal kink folds which appear to trend about 070° to 075° and dip eastward at 15 to 25°.Where more than one kink fold -controlled Zinger zone is present in a steep rock face, they tend to be developed in an en echelon manner, and with en echelon offsets in both directions. Individual zones that have been observed to date are small, usually less than one meter in thickness and a few tens of meters in strike length although one zone just east of Gold Run Lake was traced for over 400 meters. As only two dimensions are usually seen in the field, the actual size of individual zones is unknown. Pyrite is common and results in a distinctive limonitic weathering. Galena and / or chalcopyrite are present locally. Silicification and sericite alteration usually accompany the quartz stockworks and more locally there is a carbonate alteration which weathers a distinctive pinkish-brown color. Most of the higher gold values obtained on the rock geochemistry survey are from these zones which are referred to as "Zinger Zones".

Zinger zones occur within different lithologies. They may have a preference for thin and medium bedded, blocky weathering siltstone-argillite (-quartzite) packages. Within thicker sequences of more quartzitic beds they tend to be better developed in the narrow, thin bedded argillaceous (argillite-siltstone) bands, probably because these deformed more readily during tectonism.

Zinger zones are not commonly developed in areas of strong alteration. Quite often only limonitic / pyritic alteration is obvious, sometimes weak carbonate and usually only weak hematite. In areas where strong hematite and chlorite are present, Zinger zones are not obviously associated with either. Strong hematite alteration is, however seen adjacent to some Zinger zones . but this may not be a genetic relationship.

3. *Northwest quartz veins*

Northwest-striking, near-vertical quartz veins that range from a few centimeters up to four meters in thickness are common across the Zinger claim group. These veins are usually barren of sulfides and the few analyses that have been made indicate these veins carry only very low gold values. These veins commonly carry some specular hematite and minor chlorite. Stronger chlorite alteration can be developed proximal to these veins. It appears that the northwest-trending quartz veins and chlorite alteration are both developed later than the gold mineralization.

Structure

Beds mostly strike northeasterly and dip moderately to steeply to the northwest. Some variation in dip is present and 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 are commonly slightly wavy and there is local thickening and thinning of individual beds.

Across the claim block there is widespread structural deformation with numerous scattered fault and shear zones. These zones of deformation cannot always be followed a long distance on strike; they appear at least locally to die out, suggesting an '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 exists on the property to some degree but the amount of displacement on any of the faults 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 northeast quartz veins but elsewhere northwest veins cut across northeast shearing.

Structures recognized to date on the Zinger claims and which may have influenced the deposition of gold mineralization include:

1. Northeast shear zones
2. Northwest fractures
3. NNE faults
4. Monoclinal kink folds

In addition, two other structural features have been noted but they appear unrelated to gold mineralization:

5. 'Older' NNE faults
6 Flat fractures

1. *Northeast Shear Zones*

At least two northeast trending shear zones are present on the property. Both are located on or near the ridge east of Gold Run Lake. The eastern-most one was the focus of a trenching and drilling program conducted by Consolidated Ramrod Gold Corp. in 1993 (Klewchuk, 1994, AR23,398). Gold values are generally low although local high grade gold was detected. The second shear zone is about 750 m to the west and was sampled on the ridge near UTM coords 560200E, 5475100N with all the samples returning low gold values. Northeast-trending shear zones are a potential gold-bearing target on the Zinger property.

2. *Northwest Fractures*

Northwest fractures are an important control of gold mineralization on the Zinger and Hot Sausage / HS claims as most typical "Zinger zones" are developed adjacent to NW fractures. Zinger zones are developed on both sides of northwest fractures but appear more commonly developed on the the northeast side. The intensity of NW fractures varies across the property. It is strong generally NW of Heart Lake and north of Gold Run Lake, two areas of better gold mineralization.

3. *North-South to North-northeast Faults*

A fault structure west of Shorty Lakes strikes ~ 020° and trends south into the broad ridge where Unique Resources did trenching and grid soil geochemistry and detected significant anomalous gold (eg Mark, 1986). Drag folding on the fault west of Shorty Lakes indicates west side up movement which would repeat part of the stratigraphic section. Anomalous gold occurs near this structure (eg sample ZR 62, 6177 ppb Au) and hematitic, chloritic, argillic and pyritic alteration are well developed near the fault west of Shorty Lakes.

4. *Monoclinal Kink Folds*

In the 'central' part of the Zinger property from north of Liverpool Creek to north of Gold Run Lake, Zinger zone style gold mineralization is associated with small monoclinal kink folds. 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. These monoclinal kink fold zones are seen in cross-section on steep cliff-like exposures and their three-dimensional extent is unknown. Most of the observed zones have at least one pinched out termination; the other is either covered, extends to depth, or is eroded. In some cases two or more zones are developed in an en echelon manner, compatible with them being developed like tension gash zones within a sheared, fault-bounded block.

The kink fold -hosted gold mineralization is similar in style to the cleavage-controlled Zinger zones which are developed proximal to NW fractures and the 2 styles of gold mineralizaton are probably a product of the same mineralizing process.

5. *'Older' North-northeast Faults*

North of Gold Run Lake, a number of NNE striking, steep to moderate (65° to 90°) E-dipping, apparently small fault zones have been noticed. These have isoclinal drag folding which indicates east side down, normal movement which repeats (or at least expands) the stratigraphic section. Movement on the structures appears to be minor. but there could be a few larger faults of this orientation, with more displacement. The NW fractures which control Zinger zones in the vicinity of NNE faults are not displaced by the NNE faults, indicating the NW fractures and Zinger zones were developed later than the fault structures.. Most of the NNE faults have no quartz within them but a few have narrow white discontinuous quartz veins up to ~ 10 cm wide.

6. *Flat Fractures*

In the area north of Gold Run Lake numerous relatively flat fractures are evident. These are developed sub-parallel to each other and have a similar weathering character to the sup-parallel trending NW fractures in that they are discontinuously developed. Individual Zinger zones can be traced, without displacement, across a number of flat fractures.

Intrusions

The only intrusions recognized to date on the Zinger claims are narrow gabbro bodies within the Creston Formation. These are presumably part of the Moyie Intrusions, which are considerably more prolific in the underlying Aldridge Formation (not exposed on the Zinger claims). Narrow gabbro intrusions were observed on the Zinger 6 and Zinger 8 claims. These are bedding-parallel and appear to be sills although they may be structure-parallel dikes. The gabbro on the Zinger 6 claim is sheared and poorly exposed, about 7 or 8 meters wide, and has a variably pyritic quartz vein zone on its west side.

A strongly magnetic gabbro dike present west and south of Gold Run Lake is about 15 meters wide, fine to medium grained, and trends roughly east-west, crossing the regional structure. South of Gold Run Lake this gabbro is broken up by NNE structures and locally extends into the NNE structures. The gabbro dike is altered with carbonate, magnetite and epidote common. Near its western-most exposure in the upper Hellroaring Creek drainage, an adit is developed on the upper (south) contact of the gabbro dike, where it is carbonate altered and sheared. A thin quartz vein breccia zone is also developed on this contact.

Another gabbro northeast of Upper Shorty Lake trends ENE and dips steeply, sub-parallel to bedding of the host stratigraphy.

The Cretaceous Grassy Mountain Stock, a quartz monzonite to granodiorite composition felsic intrusion, crops out on the ridge west of Hellroaring Creek less than 2 kilometers west of the northwest boundary of the Zinger property. A smaller, generally similar composition newly-discovered intrusion is located less than one kilometer west of the Zinger 114 claim on the GM claims and is the closest known such intrusive to the Zinger claims. Gold mineralization on the Zinger claims may be related to felsic intrusive activity such as these stocks

Alteration

Alteration on the Zinger property includes pyrite, silica, carbonate, hematite, chlorite and argillic alteration, all of which are related to structure.

Gold is associated with pyrite, silica and probably carbonate.

1. *Pyrite alteration*

Pyrite is readily recognized in the Creston Formation (Hc) because there are no 'indigenous' sulfides. Oxidized pyrite shows up as limonitic, rusty weathering on surface rocks. Pyrite is always associated with quartz veining, and the best gold mineralization is associated with both pyrite and quartz. Minor pyrite is also disseminated in host rocks adjacent to quartz vein breccia area. Pyritic alteration (limonite) can occur proximal to weak, medium or strong hematite alteration but tends not to be spatially associated with chlorite alteration.

2. *Carbonate alteration*

Carbonate alteration may be the second most important alteration related to gold. It occurs in 4 ways:

1. Along some NW fracture-controlled small cliff faces, a 'chicken foot' style of weathered out angular indentations are probably from a carbonate mineral. These are best developed in the upper Shorty Creek drainage.

2. A more pervasive style of carbonate alteration occurs near gold mineralized zones also in the Shorty Creek area. It consists of a pink-brown discoloration of Hc siltstones and is probably due to finely dissem iron carbonate. In places this pink-brown hued carbonate alteration occurs away from recognized gold mineralization. In these cases it may reflect proximal gold mineralization either above, and eroded, or below, and still buried.

3. Iron carbonate also occurs with some quartz veins. These have a medium orange limonitic weathering character without the obvious evidence of pyrite present. Carbonate-bearing quartz veins have not been carefully differentiated from pyrite-bearing quartz veins. Iron carbonate-bearing quartz veins do occur within northerly-striking fault zones where they carry minor gold (up to 200 ppb).

4. Orange-brown limonite spotting seen in some places may be a disseminated iron carbonate alteration. This style of carbonate alteration has not been systematically documented.

3. Silica Alteration

Quartz veins are fairly common on the Zinger property. Some are associated with gold mineralization, some are not. Some may simply be sweats from the siliceous host rocks, developed during tectonism and metamorphism. Some are large quartz vein breccias developed as quartz flooded zones in tension gash dilatent zones. Some are late NW to E-W trending, relatively barren white veins that commonly carry specular hematite and chlorite and are probably associated with late chlorite and hematite alteration.

Gold is most commonly associated with thin quartz veins. These are typically developed in small breccias (Zinger Zones) where most of the quartz veins are bedding parallel, cleavage parallel or within the dilatent zones of relatively flat-lying kink folds.

Hematite Alteration

Hematite alteration is variably developed through most of the area of exposed Hc in Perry Creek. It ranges from being quite weak with pale lavender color to very intense with dark purple color. There is a broad variation in the intensity of hematite alteration:

-relatively weak, to moderate, with 'ordinary' gray Hc
-weak with weak chlorite
-moderate, mixed with chlorite
-very intense, and sometimes close to massive chlorite.

Hematite is developed in all Hc lithologies but may be most prevalent in thin and medium bedded units with mixed lithologies (argillite, siltstone and impure quartzite). Typically hematite is only weakly to moderately developed in thicker units of medium and thick siltstone and quartzite (ie it's not usually strongly developed in typical middle Hc units). Hematite is sometimes strongly developed adjacent to limonite, usually separated by a bedding plane.

Hematite alteration does not destroy bedding features (whereas massive chlorite does), indicating that hematite is an earlier alteration than chlorite. Zinger zones are commonly developed in or near rocks with different intensities of hematite alteration. Zinger zones are probably most common with relatively weak hematite and are only rarely proximal to strong hematite. These relationships suggest that gold and hematite alteration are not closely related genetically.

Chlorite Alteration

Chlorite alteration can be divided into 3 intensities:

1. Weak. Mixed with hematite in a mottled pastel-shaded very patchy mixture of chlorite and hematite. Chlorite can be more intensely developed on cross-cutting fractures in these zones. Where chlorite and hematite are mixed, chlorite is usually less strongly developed than hematite.

2. Intermediate. With intermediate chlorite alteration there is usually also moderately well developed hematite. Chlorite tends to be better developed in the more argillite-rich beds. In places where a few medium thick white quartzite beds are present, chlorite will concentrate within the quartzite but near both bedding plane contacts, as though the chlorite alteration fluids moved more easily through the quartzites and then chlorite was precipitated at the margins of the quartzite beds but near the argillite.

3. Massive, pervasive chlorite. This alteration is usually proximal to controlling structures. Where massive chlorite is present, the rocks are uniformly medium green colored with most sedimentary features obliterated. In one locality in upper Shorty Creek, weak limonitic alteration in medium bedded 'normal' gray Hc siltstones changes to the north into first very strong hematite alteration with bedding characteristics preserved, and then further north to massive chlorite alteration with bedding characteristics obliterated. This suggests that pyrite was earliest, hematite later and chlorite the latest. At another locality nearby, strong hematite alteration is separated from massive chlorite alteration by an ENE (058°) fault structure. Hematite occurs on the north side of the structure with chlorite to the south. A thin quartz vein (~1 cm thick) within the fault zone carries weak (49 ppb) gold.

Chlorite alteration is commonly developed adjacent to NW to EW barren white quartz veins (typical thickness of a few cm to 4 m wide) which also commonly carry specular hematite. At Shorty Lakes, strong chlorite is developed on the southwest side of a NW fracture with gold-bearing Zinger zones developed on the immediate NE side.

Argillic alteration

Argillic alteration is seen as white to gray discoloration of Hc siltstones. It is best noted where some disturbance of the surface has occurred, such as haul roads and skid roads for logging. It is difficult to recognize in weathered bedrock exposures. Argillic alteration appears to be quite widespread and is commonly distal to known gold mineralization and is probably more of a curiosity than a useful exploration tool.

3.00 ROCK GEOCHEMISTRY

Rock samples were collected as part of the prospecting and geologic mapping program with a total of 337 samples taken and analyzed. Most of these were reported on previously (Kennedy and Klewchuk, 2002, & Klewchuk, 2003) but not all of the associated costs were applied for assessment credit; all of the 2002 rock geochemistry is included here for completeness.

Location of rock samples, with corresponding gold values, is shown in Figures 5 and 6. Brief descriptions of the samples are provided in Appendix 1. Rock samples were shipped to Acme Analytical Laboratories Ltd. at 852 East Hastings Street, Vancouver, B.C., V6A 1R6, and analyzed for a 30 element ICP package and geochemical gold by standard analytical techniques. Complete geochemical analyses are provided in Appendix 2.

Rock sampling was concentrated along zones of silicification and quartz veining with iron sulfides, hosted by Creston and Kitchener Formation sedimentary rocks. Many of the samples are of quartz stringer stockwork zones although numerous other quartz veins were sampled as well.

Results

Gold mineralization is widespread on the Zinger property with rock sampling indicating strong local concentrations. Most of the higher gold values come from sulfide-bearing stockwork quartz veins or 'Zinger Zones'. Elevated gold is also present in quartz flooded zones and in quartz veins associated with northerly-striking fault zones.

Elevated base metals are common with many of the higher gold values, supporting observed field associations.

4.00 CONCLUSIONS

1. Surface rock geochemistry on the Zinger claims in 2002 substantiated the present of significant anomalous gold mineralization on the property and expanded the area of known surface gold mineralization to the northeast into the upper drainage of Shorty Creek.. New zones of gold mineralization were discovered at a number of locations on the claim block. Gold is typically associated with pyrite and minor base metals (PbS, Cpy and ZnS). Gold is structurally controlled and is usually within thin quartz veins in bedding and / or cleavage -parallel zones or in thin quartz veins developed within gently southeast-dipping kink folds.

2 Chlorite and hematite alteration are widespread but are not obviously closely related to gold mineralization. Field relationships demonstrate that this alteration was controlled by bedding (ie lithology) and by northwest and east-northeast striking fault structures.

2. Further work on the property is warranted to delineate the known gold mineralized zones through trenching and diamond drilling. In addition, favorable structures should be explored along their strike length to search for new zones of gold mineralization.

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6.00 STATEMENT OF EXPENDITURES

As provided by National Gold Corporation

Geology, prospecting, collection of stream samples	$29,043.97
Geochemical analyses	11,644.49
Field Office	3,489.69
Travel and accomodation	4,971.80
Report writing (D. Anderson, P. Klewchuk)	2,400.00
Total Expenditure	$51,549.95

7.00 AUTHOR'S QUALIFICATIONS

As author of this report I, Peter Klewchuk, certify that:

1. I am an independent consulting geologist with offices at 246 Moyie Street, Kimberley, B.C.
2. I am a graduate geologist with a B.Sc. degree (1969) from the University of British Columbia and an M.Sc. degree (1972) from the University of Calgary.
3. I am a Fellow of the Geological Association of Canada and a member of the Association of Professional Engineers and Geoscientists of British Columbia.
4. I have been actively involved in mining and exploration geology, primarily in the province of British Columbia, for the past 28 years.
5. I have been employed by major mining companies and provincial government geological departments.

Dated at Kimberley, British Columbia, this 15th day of January, 2003.

Peter Klewchuk
P. Geo.

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Appendix 1 Description of Rock Samples

Sample No.	Description
ZR-01	Zone of narrow veinlets (quartz); vuggy with some limonite / pyrite - alteration halos along margins of veins which are at ~ 040°/56° NW.
	ZR-02 to ZR-05 are from one 5-6m wide 'quartz ledge' structure with ~attitude 023°/80° E).
ZR-02	Vuggy quartz vein in quartz breccia zone - milky quartz and sericitic sediments with some pyrite / limonite. Quartz flooded zone here is ~ 10 m wide.
ZR-03	120° striking cross fracture zone with limonite wad breccia.
ZR-04	Limonite / pyrite rich quartz veinlets - some vugs. Part of quartz flooded zone ~ 10 m wide.
ZR-05	Quartz breccia with pyrite / limonite diss in altered (sericitic) seds. Composite.
ZR-06	Limonitic-altered seds with narrow quartz veinlets (1 cm wide) with pyrite / limonite ~bedding-parallel at 032° / 60° NW.
ZR-07	Limonitic-altered seds (gray-hematitic banded unit) with narrow quartz veinlets - some pyrite / limonite -leached alteration.
ZR-08	'Zinger Zone' of narrow quartz veinlets within sericitic ' limonitic altered seds. Some pyrite / limonite in veinlets.
ZR-09	Zinger Zone - intensely silicified seds with diss pyrite and narrow quartz veinlets on edge of 330° trending draw - 20m downhill from ZR-08.
ZR-10	1 cm wide bedding-parallel quartz vein with black and brown limonite.
ZR-11	5 cm wide quartz vein with sheared seds ~bedding parallel ~attitude 022° / 60 W.
ZR-12	Quartz blocks in talus 30 cm x 30 cm x 60 cm with quartz crystal vugs, limonite / pyrite and galena.
ZR-13	Limonitic altered seds cut by narrow quartz veinlets with pyrite / limonite.
ZR-14	Same as 13.
ZR-15	Quartz float with abundant limonite / pyrite along argillite layers. Medium sized limonite crystals ~0.5 cm wide sediment inclusions, sheared and silicified.
ZR-16	Quartz breccia / shear zone with limonite / pyrite ~ 040° / 80° SE.
ZR-17	Zinger Zone - silicified seds with diss pyrite cut by pyrite / limonite -bearing quartz veinlets.
ZR-18	Same as 17 (same zone).
ZR-19	Zinger Zone - limonite-altered sheared argillic unit with narrow quartz veinlets with brown limonite - diss pyrite / limonite along margins of veinlets.
ZR-20	Same as 19.
ZR-21	Zinger Zone - silicified limonitic altered seds with Diss pyrite and narrow quartz veinlets with pyrite / limonite.
Zr-22	Same as 21.
ZR-23	Zinger Zone - limonitic altered seds cut by narrow quartz veinlets with brown limonite.

ZR-24	Zinger Zone - limonitic altered phyllitic seds with narrow limonite (brown and black) rich quartz veinlets, some PbS.
ZR-25	Zinger Zone - phyllitic limonite altered argilliote with narrow limonite rich quartz veinlets, some PbS, fresh pyrite.
ZR-26	Zinger Zone - limonitic altered seds cut by vuggy pyrite / limonite rich quartz veinlets.
ZR-27	Zinger Zone - intensely silicified sediments with diss pyrite cut by narrow quartz veinlets with fresh pyrite and PbS.
Zr-28	Zinger Zone - limonitic altered seds with some quartz veinlets with pyrite / limonite.
ZR-29	Zinger Zone - bedding parallel quartz veinlets (1-2 cm wide) with limonite / pyrite, PbS, ZnS.
ZR-30	Same as 29.
ZR-31	Same as 29.
Zr-32	Zinger Zone - limonitic altered silicified seds with diss pyrite cut by limonite / pyrite -rich quartz veinlets.
Zr-33	Same as 32.
ZR-34	Zinger Zone - limonite / pyrite rich quartz veinlets cutting limonite-altered seds along edge of 320° striking fractures.
ZR-35	Sheared seds cut by a series of flat-lying quartz veins (2-3 cm wide) with limonite / pyrite.
ZR-36	Same as 35 - abundant limonite in veinlets.
ZR-37	Narrow quartz veinlets with vuggy limonite / pyrite.
ZR-38	Zinger Zone- weakly silicified limonitic altered seds cut by narrow quartz veinlets with pyrite and limonite.
ZR-39	15 cm wide bedding-parallel quartz vein with limonite / pyrite around green phyllitic clasts - some rotted pyrite / limonite in clasts. Patchy weak limonite in bedrock.
ZR-40	Narrow limonite / iron carbonate quartz veinlets along edge of 120° trending structure. Bedding-parallel zone of thin lensey quartz veinlets <1 to 4 cm wide.
ZR-41	Quartz veinlet breccia zone with PbS, Cpy, py and carbonate in pink carbonate-altered seds.
ZR-42	Same zone as 41 - 1 cm wide roughly bedding-parallel veinlets with Cpy, py, PbS; zone on strike with 41; part of much larger carbonate and weak limonite -altered zone.
ZR-43	1 cm wide quartz veinlet with pyrite / limonite in pyrite / limonite altered seds - veinlet at 028° / 74° NW. Widespread weak limonite, carbonate alteration.
ZR-44	Zinger Zone off edge of 124° striking quartz vein - limonitic quartz veinlets with some PbS / Cpy, pyrite / limonite.
ZR-45	Narrow limonite-rich quartz veinlets in phyllitic greenish seds.
ZR-46	Composite of limonite-rich quartz veinlets over 1 m width in sheared limonitic altered seds.
ZR-47	Series of limonite-rich quartz veinlets cutting phyllitic seds.

ZR-48	1.5 m wide zone of limonite-altered seds with ~ 6 quartz veinlets with pyrite / limonite, ~ bedding-parallel - composite of veinlets.
ZR-49	30 cm wide zone of bedding-parallel quartz veinlets with pyrite and Cpy.
ZR-50	Zinger Zone 5 m x 20 m - strongly silicified seds with diss pyrite. Some pyrite / limonite rich quartz veinlets and PbS.
ZR-51	Same as 50.
ZR-52	Same zone as 50, 51. Weakly limonite / pyrite altered seds cut by quartz veinlets with some pyrite / limonite.
ZR-53	15 cm wide phyllitic zone of altered seds with narrow quartz - carbonate - limonite veinlets, at 028° / 58° W.
ZR-54	Zinger Zone - silicified seds with diss pyrite cut by narrow quartz veinlets with py and PbS.
ZR-55	Same as 54.
ZR-56	Zinger Zone - silicified seds with abundant limonite in quartz veinlets on hinge of fold.
ZR-57	Zinger Zone - silicified seds with diss fresh pyrite and narrow quartz veinlets with pyrite / limonite.
ZR-58	30 cm wide zone with narrow quartz veinlets with pyrite / limonite and carbonate. Some vugs in phyllitic khaki green seds.
ZR-59	0.5 m wide quartz vein with limonite wad pods - some PbS?, Mo? On edge of 020° / 70° E ; vein dips ~40° W.
ZR-60	Narrow 1 cm wide quartz veinlet with abundant limonite / pyrite.
ZR-61	Zinger breccia material with limonitic quartz veinlets, some visible gold.
ZR-62	Quartz float with limonite / pyrite by old trenches.
ZR-63	Bleached / leached seds cut by narrow vuggy quartz veinlets with orange / brown limonite.
ZR-64	Old pit dug on quartz breccia zone of narrow limonite-rich veinlets.
ZR-65	Zinger Zone - limonitic-altered seds with narrow quartz veinlet with pyrite / limonite.
ZR-66	Same zone as 65 - more silicified seds with narrow quartz veinlets, some pyrite / limonite.
ZR-67	Same as 66.
ZR-68	Zone of narrow 1-2 cm wide quartz veinlets with limonite / pyrite in phyllitic seds ~ bedding-parallel.
ZR-69	Quartz veinlets with limonite - poddy - within larger zone of quartz-carbonate breccia.
ZR-70	Quartz breccia zone, 1-2 m wide ~ 020° strike - limonite-rich veinlets and sheared seds.
ZR-71	Same as 70.
ZR-72	30 cm wide shear zone with narrow veinlets of quartz. 15 cm wide core with abundant limonite oriented 360° / 85E, in hanging wall of above structure.
ZR-73	Same zone as 70, 71, ~25 m on strike - narrow limonite-rich quartz veinlets in sheared seds.

ZR-74	Zinger type altered seds cut by narrow limonite-rich veinlets. Some pyrite - in area of abundant 120° striking white chloritic quartz veins.
ZR-75	Similar to ZR-74 in a 3 m wide zone of thicker bedded gray / hematitic quartzite with narrow limonite / pyrite -rich veinlets.
ZR-76	Old workings - Zinger Zone - limonitic altered seds with some narrow limonite / pyrite -rich quartz veinlets.
ZR-77	Same zone as 76 - more limonite / pyrite in quartz veinlets than ZR-76.
ZR-78	Same zone as above ~ 25 m along contour - limonite-rich quartz veinlets in limonite-altered seds.
ZR-79	Limonite-rich vugs in hangingwall veins of a 3-4 m wide quartz breccia zone trending ~ 026° / 70 NW.
ZR-80	Same zone as 79 - limonite-rich quartz veinlets in footwall of structure.
ZR-81	Zone of quartz veining with some limonite / pyrite in carbonate-altered bleached seds.
ZR-82	Zone in quartzites of narrow poddy veinlets with limonite / pyrite; carbonate-altered, bleached.
ZR-83	Zinger Zone - limonite-altered seds cut by narrow limonite and pyrite -rich quartz veinlets. Some limonite diss along veinlet margins.
ZR-84	Same zone as 83, ~ 20 m downslope. Limonite-rich veinlets in limonite-altered seds.
ZR-85	Quartz veinlet breccia zone with limonite and PbS.
ZR-86	Quartz breccia zone with pods of more limonite-rich material; 100° strike ?
ZR-87	Zinger Zone - limonite altered seds cut by narrow quartz veinlets with limonite and pyrite.
ZR-88	Zinger Zone - quartz breccia with vugs and limonite in albitic seds.
ZR-89	Zinger Zone - silicified seds with pyrite / limonite rich veinlets.
Zr-90	Bedding-parallel quartz veinlets with some pyrite / limonite in limonite-altered seds.
ZR-91	Bedding-parallel quartz vein with pyrite / limonite, PbS, ~ 1 cm wide in phyllitic seds, oriented 024° / 64 W.
ZR-92	Zinger Zone - bedding-parallel veinlets with pyrite / limonite.
ZR-93	Bedding-parallel quartz veins with limonite / pyrite in a coarser quartzite unit; visible gold? Weaker limonite zone in hematite-altered seds.
ZR-94	Zinger Zone - along kink fold. Composite of more limonitic quartz veinlets.
ZR-95	Zinger Zone - quartz breccia material - narrow vuggy veinlets with pyrite / limonite.
ZR-96	15 cm wide Zinger Zone of thin bedding-parallel quartz veinlets 1-2 cm wide with limonite, carbonate in vugs within phyllitic, limonitic altered seds.
ZR-97	1-2 m wide quartz vein zone. ~bedding-parallel Zinger Zone with some limonite-rich veinlets.
ZR-98	Zinger Zone - narrow quartz veinlets with leached pyrite and limonite in gray / hematitic limonite-altered quartzites.
ZR-99	Zinger Zone subcrop - limonite-rich veinlets in altered seds.

ZR-100	30 to 45 cm shear zone, bedding-parallel, oriented 035° / 70° NW. Some quartz with limonite / pyrite.
ZR-101	Float in talus, of quartz shear zone material with abundant limonite / pyrite.
ZR-102	Float in talus. Zinger type breccia material with limonite / pyrite in vuggy quartz veinlets.
ZR-103	Quartz float in talus. 5-10 cm wide with abundant limonite / pyrite cubes. Some visible gold.
ZR-104	Large block of quartz float with limonite / pyrite, iron-rich vugs.
ZR-105	1.5 m wide breccia zone with limonite / pyrite. 045° strike.
ZR-106	Zinger Zone pod. Limonite-rich quartz veinlets cutting limonite-altered seds.
ZR-107	Quartz breccia float in talus with limonite and carbonate.
ZR-108	Albitic quartz breccia float with pyrite / limonite. Cranbrook Fm.
ZR-109	Quartz float with abundant fresh pyrite.
ZR-110	30 cm wide quartz vein / breccia with lots of pyrite. ~300° / 60 SW. Some drag along hangingwall.
ZR-111	30 cm wide quartz vein in Cambrian quartzite. Ribboned texture, abundant pyrite.
ZR-112	Quartz float with argillite inclusions. Rotted pyrite along argillite-quartz boundary.
ZR-113	Zone of quartz veinlets in sheared contact zone between Kitchener Fm and Cambrian. Some pyrite / limonite.
ZR-114	Zone of narrow quartz veinlets with pyrite / limonite in green argillite.
ZR-115	Narrow quartz veinlets with abundant black limonite / pyrite. Trends 016° / 70E.
ZR-116	Same as 115; 20 m uphill.
ZR-117	Pyrite / limonite rich vuggy quartz veins. 30 cm wide zone.
ZR-118	Brecciated Cambrian quartzite with rotted out pyrite. Vuggy. Quartz veins strike 040°.
ZR-119	Narrow quartz veinlets. Some limonite / pyrite & carbonate within bleached albitic seds. Some limonite.
ZR-120	Narrow quartz veinlets in green / purple quartzite with pyrite / limonite. Composite of veinlets.
ZR-121	Zinger Zone. 1 m wide silicified seds with diss pyrite. Limonite / pyrite in narrow quartz veinlets.
ZR-122	Gray quartzite with carbonate quartz veinlets. Same zone with limonite / pyrite.
ZR-123	Breccia zone in gray quartzite with limonite / pyrite in seds and veins. Carbonate and quartz crystal vugs.
ZR-124	Same zone as above. More limonite and larger quartz veins. Feldspar?
ZR-125	Zinger Zone. Poddy silicified seds with pyrite / limonite in narrow quartz veinlets.
ZR-126	Structure striking 010° / 70° E. Quartz veinlets and sheared seds with some limonite / pyrite.
ZR-127	Same structure as 126. Sheared seds with narrow limonite / pyrite -rich quartz veinlets.
ZR-128	Zinger style zone. Pyrite / limonite -rich veinlets in limonite / sericite -altered seds.

ZR-129 Same as 128.
ZR-130 Zinger Zone. Quartz breccia material with abundant rotted pyrite in veinlets.

ZR-131 Quartz vein breccia. Weakly limonitic altered seds with some limonite / pyrite in narrow quartz veinlets.
ZR-132 Small but strong-looking Zinger Zone. Silicified seds with pyrite / limonite in narrow bedding-parallel quartz veinlets.
ZR-133 Narrow Zinger Zone. Pyrite / limonite in quartz veinlets within limonitic altered seds.
ZR-134 Limonitic altered seds cut by narrow quartz veinlets with pyrite / limonite and carbonate.
ZR-135 Limonitic altered seds with narrow quartz veinlets with limonite / pyrite along edge of structure.
ZR-136 Albitic / bleached seds with narrow limonitye / pyrite -rich veinlets.
ZR-137 Bedding-parallel narrow quartz veins in sheared seds with some pyrite / limonite. 025° / 74 NW.
ZR-138 Quartz float with limonite / pyrite. Quartz crystal vugs. Bull type quartz.
ZR-139 White quartz vein with some pyrite / limonite.
ZR-140 Same as 139.
ZR-141 Albitic / bleached seds with quartz veinlets. Some pyrite / limonite, carbonate. Thicker than typical ZZ veinlets - bedding-parallel and sub-parallel. Within generally more limonitic zone.
ZR-142 Zone of bedding-parallel quartz veins with limonite / pyrite along edge of NW vein.
ZR-143 Limonitic altered seds with narrow limonite / pyrite -rich quartz veinlets. Some visible gold.
ZR-144 Zinger Zone. Limonite altered seds cut by narrow pyrite / limonite -rich veinlets. Some visible gold. Sample near NE edge? of zone.
ZR-150 Narrow zone of quartz veinlets with limonite / pyrite in limonite-altered seds.

ZR-151 2-4 m wide quartz vein / breccia zone (quartz ledge structure). Trends ~038° / 75° NW. Old trench. Narrow limonitic quartz veinlets in sheared seds.
ZR-152 Subcrop of limonitic-altered seds cut by narrow quartz veinlets with some pyrite / limonite.
ZR-153 Zone of limonite-altered seds with narrow bedding-parallel quartz veinlets with limonite / pyrite and vugs.
ZR-154 Zinger Zone. Narrow quartz veinlets with some pyrite / limonite in limonitic seds.
ZR-155 Zinger Zone. Bedding-parallel quartz veins with some limonite / pyrite. Weak zone.
ZR-156 Zinger Zone. Flat lying 'kink' fold with abundant quartz along flexure. Some limonite / pyrite in veinlets.
ZR-157 Composite of limonite-rich quartz veinlets with visible gold. Some carbonate.
ZR-158 Zinger Zone. Limonitic-altered seds with narrow quartz veinlets with pyrite / limonite.

ZR-159	Zinger Zone. Narrow limonite / pyrite -rich veinlets in limonitic-altered seds within area of NW veining.
ZR-160	Zinger Zone. Limonitic-altered seds with narrow quartz veinlets - limonite / pyrite -rich.
ZR-161	Zinger Zone. Narrow limonite-rich quartz veinlets within limonite-altered seds along flat-lying kink fold hinge.
ZR-162	Zinger Zone. Narrow veinlets with limonite / pyrite in limonitic altered seds.
ZR-163	Same as 162.
ZR-164	Zinger Zone. Bedding-parallel quartz veins with some limonite / pyrite.
ZR-165	Zinger Zone. Limonite-rich quartz veinlets within sheared limonitic seds.
	ZR- 166 to 169 are from one ~ 6 m wide zone
ZR-166	Zinger Zone. Silicified seds with limonite-rich quartz veinlets.
ZR-167	Zinger Zone. Silicified seds with limonite / pyrite, cut by limonite / pyrite -rich quartz veinlets. Some PbS.
ZR-168	Zinger Zone. Silicified seds with limonite / pyrite, cut by limonite / pyrite -rich quartz veinlets. PbS. Clay in vugs.
ZR-169	Zinger Zone. Limonite-altered seds with narrow pyrite / limonite -rich quartz veinlets.
ZR-170	Bedding-parallel veinlets with limonite / pyrite within limonite-altered seds.
ZR-171	Zinger Zone. Limonite-altered seds with narrow quartz veinlets. Some pyrite / limonite.
ZR-172	Zinger Zone. Limonite / pyrite -rich quartz veinlets in limonite-altered seds.
ZR-173	2-4 m wide quartz breccia 'ledge' zone with pyrite / limonite. Some carbonate.
ZR-174	Same as 173. Some quartz crystal vugs.
ZR-175	Weakly limonite-altered seds and veinlets within carbonate-quartz breccia zone.
ZR-176	Same as 175.
ZR-177	Limonite-rich quartz breccia pod in larger breccia zone with quartz-carbonate alteration. Some feldspar?, dolomite in association with110° trending fracture.
ZR-178	Limonitic-altered seds with some quartz veinlets with pyrite / limonite. Massive limonite / pyrite on fractures.
ZR-179	Vuggy quartz vein with iron carbonate. Quartz crystals in vugs. Some patches of limonite / pyrite.
ZR-180	Quartz breccia zone. Iron carbonate, quartz crystals, some limonite / pyrite, feldspar? in veinlets.
ZR-181	Zinger Zone. Limonite-altered seds cut by limonitic iron carbonate. Quartz veinlets. Weak zone.
ZR-182	Zone of flat-lying quartz veinlets with limonite / pyrite.
ZR-183	Zinger Zone. Limonitic-altered seds with quartz breccia. Abundant limonite / pyrite. 30cm wide, flat-lying zone.
ZR-184	Small Zinger Zone on SW side of narrow covered saddle that trends ~ 127°.. Narrow bedding-parallel quartz veinlets with abundant pyrite / limonite.

ZR-185	Narrow bedding-parallel quartz veins with abundant pyrite / limonite within Zinger Zone.
ZR-186	Weak Zinger Zone. Limonitic-altered seds weakly silicified. Some pyrite / limonite on fractures and in quartz veinlets.
ZR-187	Series of flat-lying narrow veinlets with limonite / pyrite. Some shearing.
ZR-188	Zinger Zone on east side of 113° covered draw. Bedding-parallel quartz vein breccia. Narrow bedding-parallel and irregular quartz veinlets with limonite and pyrite. Most QV are ½ to 2 cm wide.
ZR-189	Quartz float with pyrite / limonite. Phyllitic seds, with visible gold.
ZR-190	350° / 58° quartz vein, 2-4 cm wide. Abundant limonite / pyrite; iron-rich vugs.
ZR-191	Quartz breccia zone. Some limonitic Fe carbonate, white quartz.
ZR-192	Narrow quartz vein with black limonite,
ZR-193	Narrow bedding-parallel quartz vein with 10 cm zone of phyllitic seds. Limonite / pyrite -rich. Trends 020° / 58° W.
ZR-194	Same area as 193; upper narrow quartz veinlets with pyrite / limonite.
ZR-195	Zinger Zone - quartz brecciation in quartzite - limonitic veinlets, slips in limonitic altered seds.
ZR-196	Same as 195.
ZR-197	Same as 195, 196.
ZR-198	Upper Creston Fm. Green argillite. Small quartz breccia pod with limonite / pyrite - vuggy quartz, green chlorite.
ZR-200	Narrow bedding parallel quartz veins with rare limonite in zone of sheared seds. Some limonitic alteration.
ZR-201	Limonitic altered seds with quartz breccia zone with some limonite / pyrite.
ZR-202	Limonitic altered seds with narrow limonite-rich quartz veins.
ZR-203	Narrow zone of Zinger style veinlets and altered seds with limonite / pyrite.
ZR-204	Zinger Zone. Limonite altered seds with narrow limonite-rich quartz veinlets.
ZR-205	Old trench on limonite-altered seds with narrow quartz veinlets (pyrite / limonite - rich).
ZR-206	Zinger Zone. Limonite-altered sedwith limonite / pyrite -rich veinlets.
ZR-207	Zinger Zone. Limonite-altered seds with some bedding-parallel quartz veinlets with limonite / pyrite.
ZR-208	Zinger Zone. Flat-lying kink fold with some narrow limonite-rich veinlets.
ZR-209	Same zone as 208 - limonite-rich quartz veinlets.
ZR-210	Composite sample of bedding-parallel quartz veinlets with some limonite / pyrite, phyllitic seds.
ZR-211	Bedding-parallel quartz veinlets. Lots of limonite / pyrite around folded seds.
ZR-212	Ribbon-textured quartz vein ~10 cm wide with pyrite / limonite, Cpy, PbS. Old adit.
ZR-213	50° slip with limonite-rich quartz veinlet. Dip 48° to south.
ZR-214	Vuggy limonite-rich quartz vein in breccia zone - sericite mica.
ZR-215	Zinger like zone with narrow limonite-rich veinlets in limonite-altered seds.
ZR-216	Flat-lying zone of quartz veinlets with carbonate and pods of pyrite / limonite. Some iron staining.

ZR-217	Carbonatite? / carbonate-altered gabbro along contact with seds - some dissem pyrite. Trends ~ 060° / 72° SE.
ZR-218	Quartz breccia zone with carbonate in veinlets. Pods of more limonite / pyrite - rich zones.
ZR-219	Flat-lying veinlets with lots of limonite.
ZR-220	Narrow limonite / pyrite -rich quartz veinlets in limonite-altered seds.
ZR-221	1 m wide quartz vein zone - milky friable quartz with limonite / pyrite.
ZR-222	Quartz float with PbS, limonite / pyrite - milky quartz with vugs.
ZR-223	Quartz breccia zone in albitic seds with some limonite / pyrite.
ZR-501	Sample of rare bedding-sub-parallel 2-3 mm wide rusty quartz veinlets.
ZR-502	Sample of thin limonitic quartz vein on 068° / 90° fault contact betweenhematite alteration to south, chlorite alteration to north. Seds are sheared on both sides. Quartz sampled is Mn-stained, vuggy, lensey.
ZR-503	Irregular 2-3 cm wide medium orange-brown limonitic quartz veins. In phyllitic argillaceous seds that are locally folded. Probable fault zone. (Similar character quartz to HS-14 which is from a northerly-striking fault).
ZR-504	Zinger Zone. Thin rusty quartz veins at east edge of exposure. Pyrite entirely leached. Possible pyromorphite.
ZR-505	~15 m NW of 504. Mostly of thin, rusty, bedding-parallel and sub-parallel quartz veins within broader Zinger Zone.
ZR-506	Zinger Zone. Sample of mostly oxidized quartz veins in limonitic seds. Part of a northwest panel of variably-developed limonite.
ZR-507	Zinger Zone. Northwest panel of variably-developed limonite narrows down to about 70 cm width. Thin, limonitic (oxidized pyrite), bedding-parallel quartz veins plus small pods of irregular white quartz with leached pyrite.
ZR-508	6-7 m NW of 507. Vuggy, slightly more massive white limonitic quartz. Irregular veins associated with more distinct kink fold (minor warp). Strongly limonitic on weathered near-vertical SW face.
ZR-509	Zinger Zone at base of outcrop. Strong limonitic zone, thin quartz veins, oxidized pyrite.Bedding-parallel and sub-parallel lensey veins.
ZR-510	Small Zinger Zone at NE edge of exposure (could be more extensive to NE). Limonitic thin lensey bedding-parallel and sub-parallel quartz veins.
ZR-511	Lensey, vuggy, rusty bedding-parallel quartz veins. Leached out pyrite.
ZR-512	Weaker limonitic zone in phyllitic yellow to light brown seds. Thin bedding-parallel quartz veins. Numerous slight warps present in bedding.
ZR-513	Weak Zinger Zone. Rusty thin quartz veins. Pyrite entirely leached.
ZR-514	Bedding-parallel and cross-cutting quartz veins in weak Zinger Zone. QV are only ½ to 2 mm wide. Thin cross-cutting veins are relatively flat.
ZR-515	Quartz vein breccia, Narrow limonitic, bedding-parallel-looking zone. Spotty orange-brown limonite; may be pyrite &/or iron carbonate. Host seds are weakly hematitic, chloritic.
ZR-516	Narrow, rusty, bedding-parallel quartz veins. Leached pyrite. QV up to 3 mm.

Sample No.	Description
HS-2	Footwall of gabbro vein (grab). Limonite and pyrite.
HS-3	Quartz with limonite wad out of old pits.
HS-4	Pod of Zinger style silicification and narrow limonite-rich quartz veinlets.
HS-5	1.5 m wide zone of liesegange banded sediments with two 2 cm wide quartz veins roughly bedding-parallel.
HS-6	Zinger style zone quartz breccia. Silicified seds, limonitic quartz veinlets.
HS-7	15 cm wide bedding-parallel quartz vein breccia trends 014° / 50 ° W.
HS-8	1 m wide bedding-parallel quartz breccia zone. Limonite in quartz in footwall of vein.
HS-9	Zinger style zone of quartz veinlets. Pyrite / limonite. Sericitic seds.
HS-10	Zinger style zone 1.5 to 2 m wide with py, PbS in narrow veinlets.
HS-11	15 cm wide quartz vein with limonite in sheared seds. Trends ~ 020°.
HS-12	30 cm wide Zinger Zone with 5 cm wide limonite-rich quartz veinlets.
HS-13	5 m wide fault zone trending northerly; cleavage at 011° / 85° E. Limonite-rich quartz veinlets. Irregular quartz vein breccia zone associated with fault. Limonitic, chloritic quartz within pastel phyllitic argillites.
HS-14	Zinger style quartz brecciation. Limonite in quartz veinlets.
HS-15	2 m wide quartz vein with limonite. Trends 238° / 56° NW.
HS-16	Quartz vein on edge of structure. 3 cm wide with limonite, Pbs, visible gold.
HS-17	010° trending structure, 4 m wide; limonitic breccia with quartz.
HS-18	5 cm wide quartz vein with Cpy, py, limonite in2 m wide quartzite unit, 15° dip.
HS-19	2 cm wide bedding-parallel quartz vein with limonite. Trends 020° / 38° W.
HS-20	Big Ledge zone Shorty Ridge. Quartz with lots of dissem pyrite.
HS-21	Zinger Zone - 1 m wide vuggy quartz, alteration over 7 m. 030° trending zone.
HS-22	30 cm wide Zinger Zone. Silicified seds, limonite, pyrite. Slickenside plane 18° dip.
HS-23	Limonitic quartz in sheared seds - feldspars in quartz?
HS-24	10 cm wide bedding-parallel quartz vein with pyrite, PbS. Runs into Zinger Zone. On fold hinge.
HS-25	Old working. Quartz breccia with limonite wad.
HS-26	Float from breccia zone beside big vein with Cpy, py, PbS, visible gold.
HS-27	Big vein by quartz breccia zone with limonitic pyrite ~ 2-3 m wide
HS-28	Quartz from big vein with limonite.
HS-50	5 cm wide quartz vein with vugs - some limonite / pyrite - within zone of argillic altered seds. ~ 030° strike.
HS-51	12-15 cm wide quartz vein with limonite / pyrite and argillic altered clasts.
HS-52	Quartz vein material with limonite wad in argillic altered seds. Brecciated.
HS-53	Quartz material in ditch line of road - composite of more limonite-rich material.
HS-54	Old working. Quartz breccia zone. ~020° strike. Narrow veinlets with limonite / pyrite, limonitic altered seds.
HS-55	Old working. Dump material of quartz breccia and limonite-altered seds.
HS-56	Old working. Pyrite-rich material (silicified seds?) Brecciated with dissem py.

Sample No.	Description
HS-57	Quartz breccia zone above old working (sample 55, 56). Vuggy quartz, silicified seds with py. 025° strike.
HS-58	Old workings on same structure as above. Very pyrite-rich material with some PbS (like Homestake).
	Samples HS-59, 60, 61 are from one 5 m wide zone.
HS-59	Upper large quartz breccia zone - quartz vein with orange-brown limonite and argillic clasts.
HS-60	Upper large quartz breccia zone - quartz breccia with limonite / pyrite in narrow quartz veinlets.
HS-61	Upper large quartz breccia zone - quartz breccia with limonite / pyrite in quartz veinlets and altered seds.
HS-62	Same as above zone (59, 60, 61) - quartz breccia with limonite / pyrite in vuggy quartz with reddish oxide and quartz crystal vugs.
HS-63	Same structure as above - footwall material of limonite-rich quartz veinlets in argillic / sericitic seds.
HS-64	Quartz breccia blocks in skid trail - friable white milky quartz with orange-brown weathering limonite / pyrite.
HS-65	Quartz vein / breccia in limonitic / argillic altered seds - some limonite and quartz crystal vugs - on road.
HS-66	Quartz breccia zone, Zinger style on edge of 2 m wide quartz vein - some limonite in seds and veinlets.
HS-67	Weak Zinger style zone. Some limonite / pyrite in veinlets.
HS-68	Narrow quartz vein (1 cm wide) ~bedding-parallel with rotted limonite vugs - visible gold?
HS-69	Series of veinlets with rotted pyrite / limonite (chalcopyrite).
HS-70	Series of veinlets with rotted pyrite / limonite - visible gold?
HS-71	Series of quartz veinlets with limonite / pyrite - visible gold.
HS-72	Old working - vuggy limonite-rich quartz breccia.
HS-73	Same site - punky altered seds / intrusive? Cu stain? - 040° strike to structure.
HS-74	Narrow quartz veinlets ~ 040° strike on edge of large breccia zone. Some pyrite / limonite in veinlets.
HS-75	5 m wide quartz breccia / silicified zone with pyrite / limonite crossing zone with more vuggy quartz material with limonite.
HS-76	Same as above zone - more veinlets in sericitic / limonitic altered seds.
HS-77	2-4 m wide quartz breccia zone - sample of more vuggy quartz vein material with pyrite / limonite.
HS-78	Quartz veinlets in seds with lots of limonite. Seds sericitic, limonitic altered.
HS-79	Sheared seds with limonitic quartz veinlets - vuggy, orange colored.
HS-80	Zinger style zone with limonite / pyrite -rich quartz veinlets and silicified seds.
HS-81	Same as 80.
HS-82	Same as above samples - with some PbS.
HS-83	Bedding-parallel quartz vein 5-15 cm wide with lots of limonite / pyrite on contacts. Some carbonate?

Sample No.	Description
HS-84	Large quartz breccia zone - flat-lying quartz veins cutting breccia zone with pyrite / limonite, quartz crystal vugs (ladder veins).
HS-85	Zone of quartz veinlets with sheared seds , with pyrite / limonite. 030° strike - same structure as above.
HS-86	Same breccia zone as above - flat-lying zone of quartz veins with limonite wad in vugs with quartz crystals.
HS-87	Same breccia zone as above - Footwall contact - orange stained quartz veinlets with limonite / pyrite.
HS-88	Same breccia zone as above - flat-lying zone ~1.5 m wide with more limonite / pyrite - orange weathering quartz.
HS-89	Zone in breccia near hangingwall contact of sericitically altered seds with limonite / pyrite -rich quartz veinlets.
HS-90	Similar to above sample - narrow limonitic veinlets in altered seds - middle of large breccia zone.
HS-91	Same breccia zone as above - 130° striking limonite wad breccia cutting the 'large breccia zone', with fresh pyrite.
HS-92	Big breccia zone - quartz float with ribboned material (green tourmaline needles?), limonite / pyrite.
HS-93	Same breccia zone as HS-91 - quartz vein with brown-weathering limonite / pyrite.
HS-94	Quartz float with PbS, some limonite / pyrite.
HS-95	Large quartz breccia zone (HS-84 to 92) - some limonite-rich quartz veinlet breccia material. Footwall contact.
HS-96	On a small fold. Limonite appears restricted to immediate hinge area.
HS-301 to 307 are from ditch rubble on landing in Kitchener Fm.	
HS-301	Cm scale quartz veins in seds - part of QV breccia. Fine dissem pyrite in QV, partly oxidized.
HS-302	Coarse white quartz with irregular bands of medium grained pyrite, mostly oxidized.
HS-303	Banded quartz with abundant fine and medium grained pyrite. Mostly quartz but some sheared, limonitic, pyritic seds (argillite and siltstone). Seds are phyllitic.
HS-304	Thin (up to 3 cm) wavy, irregular, vuggy pyritic quartz veins in pastel green argillic-altered seds. QV breccia; sampled mostly QV, some phyllitic seds.
HS-305	QV breccia / shear zone. Wavy banded lensey quartz veins and limonitic seds in ~ equal amounts.Vuggy with abundant rounded pits, possibly oxidized sulfides.
HS-306	Semi-massive limonite / oxidized pyrite. Coarse blebs of pyrite, minor quartz.
HS-307	Sheared quartzite and argillite. Wavy-banded, thin irregular quartz veins, moderate pyrite, fairly evenly distributed. Argillite is yellow-brown argillic / limonitic. Quartzite is fine-grained, silicified with phyllitic argillaceous partings and, where massive, has dissem fine-grained fresh pyrite.
HS-308	Bedrock sample from NE edge of exposed zone. QV breccia. Mostly quartz with some included phyllitic seds. Moderately limonitic.
HS-309	Weakly limonitic quartz vein breccia. From within a fairly wide flatter bedded zone (fold flexure?) and within fairly thick bedded silty quartzites.

Sample No.	Description
HS-310	Axial plane cleavage quartz veins in synclinal hinge. ~ 10 m below ridge in steep draw eroded on probable fault zone in syncline axis.
HS-311	Bedding-parallel limonitic quartz veins on west side of syncline.
HTSM 1, 2 & 3	Zinger style quartz blow-out in subcrop vein / breccia over 7 m by 10 m area. Limonite and pyrite abundant. Possible visible gold.
ZR-518	Orange-brown limonitic float quartz with abundant fine to medium-grained partially leached pyrite.
ZR-519	Float quartz in clear cut. Darker orange-brown limonitic quartz, 12-15 cm wide. Abundant dissem oxidized pyrite and considerable medium brown-orange 'clay' material -altered argillite? Overall texture is a breccia.

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GEOCHEMICAL ANALYSIS CERTIFICATE

Hot Sausage

Super Group Holdings Ltd. File # A200525 Page 1
1805 - 13th Ave South, Cranbrook BC V1C 5Y1 Submitted by: T. Kennedy

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm
SI	.6	.1	<.1	<1	<.1	.2	<.1	1	.02	<.5	<.1	.5	<1	1	<.1	<.1	<.1	1	.05	<.001	<1	4.1	<.01	1	<.001	<1	<.01	.205	<.01	.1	<.01	<.1	<.1	<.05	<1
HS-2	4.5	12.9	32.4	8	.3	42.3	269.4	42	4.00	17.4	.1	14.8	.1	4	<.1	.1	1.4	5	.01	.003	1	110.2	.06	17	.001	2	.07	.011	.01	1.6	<.01	.2	<.1	2.45	<1
HS-3	2.5	12.6	35.5	99	.6	93.3	32.1	180	10.53	105.4	3.4	3837.2	1.5	2	.6	1.1	1.7	7	<.01	.021	1	78.9	.03	90	.001	2	.12	.005	.07	1.3	.01	.9	<.1	1.31	<1
HS-4	1.9	2.1	50.3	10	.1	2.0	1.2	18	.67	8.6	1.6	180.8	10.4	10	.1	.1	.3	2	<.01	.023	22	36.4	.02	1002	.001	1	.34	.009	.26	.5	<.01	.4	<.1	.07	<1
HS-5	1.9	6.1	26.5	13	.1	8.4	4.7	74	1.21	12.5	4.7	377.9	6.0	3	.1	.1	.2	5	.04	.039	19	83.2	.02	60	.001	2	.28	.008	.19	.4	<.01	.7	<.1	<.05	<1
HS-6	1.7	4.4	7.4	10	.3	3.3	2.0	43	.99	.5	.8	227.5	6.5	2	<.1	.1	.1	2	<.01	.014	22	40.0	.02	38	.001	1	.25	.004	.18	.5	<.01	.3	<.1	<.05	<1
HS-7	4.1	10.8	272.8	228	.3	6.2	1.6	565	2.15	8	.5	108.3	4.9	2	.9	.1	.3	6	<.01	.009	16	110.1	.01	101	.001	1	.22	.005	.16	.4	.05	.6	<.1	.07	<1
HS-8	13.7	3.2	17.3	31	.1	16.7	10.2	68	2.21	3.3	2.9	106.1	1.5	1	<.1	.1	.7	4	<.01	.011	3	104.4	.01	48	<.001	3	.09	.002	.06	1.3	.01	1.0	<.1	<.05	<1
HS-9	3.7	5.5	22.4	8	<.1	4.2	.7	25	.65	<.5	.3	309.2	7.7	2	<.1	.2	.1	4	<.01	.007	19	83.1	.02	65	.001	2	.28	.003	.23	.6	<.01	.3	<.1	<.05	<1
HS-10	2.8	638.4	5540.6	3	11.3	2.0	.5	17	.96	<.5	.4	860.4	4.8	3	.2	.2	26.1	3	<.01	.006	12	61.9	.02	145	.001	<1	.23	.004	.19	1.0	.02	.2	<.1	.16	<1
HS-11	2.1	19.9	645.0	26	1.5	13.2	7.7	366	2.66	1.3	1.6	282.7	2.1	1	.1	.2	6.0	5	<.01	.016	7	119.6	.08	113	.001	2	.23	.004	.12	.5	<.01	.4	<.1	<.05	<1
HS-12	3.7	11.7	84.8	8	.1	6.5	5.8	289	.94	6	1.3	89.5	5.6	1	<.1	.1	1.0	5	<.01	.007	18	102.9	.02	62	<.001	<1	.24	.004	.18	.8	<.01	.6	<.1	<.05	<1
HS-13	2.7	9.9	255.4	13	1.7	8.4	3.2	76	2.58	6.5	1.0	56.1	1.9	<1	<.1	.3	19.5	5	<.01	.016	7	129.4	.02	13	.001	1	.11	.003	.07	.7	<.01	.5	<.1	<.05	<1
HS-14	2.9	3.9	16.2	5	<.1	2.3	.3	20	.50	<.5	.7	132.3	6.9	1	<.1	<.1	.7	3	<.01	.008	20	72.1	.02	26	.001	1	.27	.002	.19	.8	<.01	.2	<.1	<.05	<1
HS-15	4.1	11.9	23.5	9	<.1	10.4	7.5	45	1.11	.7	.4	18.8	.3	1	<.1	.1	.7	6	<.01	.010	2	133.3	<.01	7	<.001	<1	.05	.005	.03	.6	<.01	.2	<.1	<.05	<1
RE HS-15	4.1	11.2	22.2	9	<.1	10.1	7.9	45	1.11	1.0	.4	27.4	.3	1	<.1	.1	.6	5	<.01	.010	2	124.9	<.01	7	<.001	1	.05	.005	.02	.7	<.01	.2	<.1	<.05	<1
HS-16	3.9	48.9	14429.3	31	12.5	10.1	10.5	183	2.30	2.2	12.9	1105.3	7.7	8	1.9	.4	37.7	7	.01	.056	26	82.3	.03	60	.001	2	.28	.002	.20	.8	.01	.3	<.1	.09	<1
HS-17	2.0	8.7	207.9	16	.3	8.6	4.0	523	.69	<.5	2.4	19.0	2.8	2	.2	.2	1.0	5	<.01	.007	11	117.0	.02	110	<.001	2	.15	.003	.10	.6	.01	.3	<.1	<.05	<1
HS-18	3.5	2129.6	142.1	16	2.6	5.7	3.4	148	.95	2.7	1.2	182.9	6.9	2	<.1	.4	41.5	3	<.01	.017	17	82.4	.02	195	<.001	<1	.22	.004	.17	.7	<.01	.6	<.1	<.05	<1
HS-19	5.5	112.5	704.1	11	2.0	7.8	3.5	56	1.09	.9	4.4	1827.7	5.9	2	<.1	.3	8.4	5	<.01	.011	20	112.0	.03	160	.001	<1	.18	.004	.14	.5	.02	.5	<.1	<.05	<1
HS-20	4.8	30.5	101.8	10	1.2	27.7	167.3	26	3.90	84.1	6	132.0	.2	3	.1	1.8	3.0	4	<.01	.007	1	111.6	<.01	47	<.001	<1	.07	.004	.05	1.3	<.01	.2	<.1	2.31	<1
HS-21	1.2	5.2	10.5	3	.2	3.1	1.0	27	.83	1.8	.5	753.8	4.1	2	<.1	.1	1.2	4	<.01	.090	9	62.8	.02	60	.002	1	.28	.004	.20	.4	<.01	.4	<.1	<.05	<1
HS-22	3.3	3.9	21.5	6	.2	2.5	.8	20	.98	.6	.6	1109.6	7.5	5	<.1	<.1	.7	3	<.01	.023	18	74.2	.02	124	.001	1	.26	.007	.21	.7	<.01	.3	<.1	.07	<1
HS-23	1.3	4.0	44.7	7	.4	4.9	2.2	93	99	<.5	5	221.0	11.9	11	<.1	.1	1.5	4	.02	.025	27	75.1	.02	1875	.001	<1	.30	.013	.20	.2	.01	.4	<.1	.06	<1
HS-24	4.0	3.4	260.9	14	1.3	6.6	6.6	206	1.14	1.0	2.0	59.8	3.1	4	.1	.1	3.7	4	.04	.028	8	104.3	.02	283	.001	1	.15	.005	.09	1.0	.01	.6	<.1	<.05	<1
HS-25	66.2	55.2	349.8	85	.1	17.0	9.0	17	19.46	15.4	13.5	142.2	4.4	2	.8	3	.5	6	<.01	.100	13	42.7	.04	42	.001	<1	.30	.004	.19	.3	.01	.6	<.1	<.05	<1
HS-26	2.4	1247.4	2502.3	19	9.7	3.2	2.3	147	.65	<.5	1.7	3826.3	6.0	5	.2	.6	5.9	4	.02	.021	18	68.1	.02	577	.001	<1	.30	.012	.16	.7	<.01	.4	<.1	<.05	<1
HS-27	5.0	26.3	94.9	22	.3	36.2	30.4	93	1.90	2.7	1.9	23.9	1.7	5	<.1	.2	1.1	5	<.01	.055	10	114.0	.01	101	.001	16	.11	.010	.07	.4	<.01	.7	<.1	<.05	<1
HS-28	4.5	14.4	45.5	8	.1	27.2	44.9	101	1.37	2.8	2.6	11.2	.2	2	<.1	.3	5.1	6	<.01	.010	<1	105.2	.01	20	<.001	1	.07	.011	.02	1.1	<.01	1.6	<.1	<.05	<1
HTSM-1	1.6	6.6	287.6	37	.1	5.0	1.0	51	1.76	3.7	1.5	332.2	5.4	<1	.1	.1	<.1	4	<.01	.022	9	91.7	.01	27	.001	1	.25	.004	.18	.4	<.01	.6	<.1	<.05	<1
HTSM-2	3.1	6.1	114.6	120	.4	4.7	1.8	33	4.54	6.5	1.3	1952.8	5.0	<1	.1	.1	<.1	3	<.01	.041	8	65.6	.01	21	.001	<1	.23	.003	.15	.8	<.01	.6	<.1	<.05	<1
HTSM-3	1.6	12.2	68.2	61	.9	10.6	8.8	48	14.03	18.1	6	5367.6	8.1	1	.1	.1	1.3	4	<.01	.074	11	58.6	.01	53	.002	<1	.25	.003	.16	.4	.01	.7	<.1	.06	<1
GAR-12	21.0	2.4	7.2	7	.1	2.8	.7	72	1.25	.5	.4	92.1	5.1	4	<.1	.1	2.0	5	<.01	.019	20	95.0	.03	67	.002	2	.24	.008	.18	.8	.01	.2	<.1	<.05	<1
GAR-13	19.1	3.8	2.9	4	.1	12.3	8.6	29	5.70	7.0	5.6	106.9	3.0	6	<.1	4	.6	8	<.01	.074	7	96.2	.06	34	.001	<1	.15	.006	.07	3.5	<.01	.1	<.1	<.05	1
STANDARD DS3	9.2	125.4	38.0	150	.3	36.8	11.6	790	3.20	30.2	5.9	23.5	3.9	27	5.8	5.2	6.0	80	.54	.094	16	182.2	.60	147	.090	2	1.73	.031	.17	4.2	.25	3.0	1.1	<.05	6

GROUP 1DA - 20.0 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 200 ML, ANALYSED BY ICP-MS.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: ROCK R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: FEB 28 2002 **DATE REPORT MAILED:** Mar 7/2002 SIGNED BY ....D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Appendix 2. Rock Geochem Analyses

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
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GEOCHEMICAL ANALYSIS CERTIFICATE

Hot SAUSAGE

National Gold Corporation File # A202001 Page 1

600 - 890 W. Pender St., Vancouver BC V6C 1K4 Submitted by: T. Kennedy

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SI	1	2	<3	1	<.3	<1	<1	12	.02	<2	<8	<2	<2	2	<.5	<3	<3	<1	.09	.001	1	3	<.01	1	<.01	<3	.04	.36	<.01	<2	.2
HS-50	5	6	<3	4	<.3	8	2	75	.54	<2	<8	<2	3	<1	<.5	<3	<3	2	<.01	.004	8	40	.01	15	<.01	<3	.19	.01	.05	11	2.8
HS-51	2	9	<3	12	<.3	9	4	64	.98	8	<8	<2	2	1	<.5	<3	<3	6	.01	.006	3	96	.01	7	<.01	4	.12	<.01	.04	3	7.5
HS-52	7	5	48	110	<.3	26	11	129	11.85	284	20	<2	34	1	<.5	<3	4	4	.01	.121	17	23	.01	27	<.01	<3	.44	.01	.12	6	488.1
HS-53	4	7	53	73	.3	22	18	78	9.55	199	13	<2	66	3	.5	<3	5	6	.01	.098	9	67	.01	60	<.01	<3	.31	.01	.17	4	116.1
HS-54	3	32	128	23	4.9	6	11	66	1.01	17	<8	<2	7	1	<.5	<3	<3	1	.01	.010	16	26	.12	25	<.01	<3	.32	.01	.15	8	13.1
HS-55	5	155	2375	57	5.4	11	11	33	7.22	79	<8	3	6	2	<.5	11	36	3	<.01	.114	15	41	.01	31	<.01	<3	.47	<.01	.17	<2	1707.2
HS-56	5	16	617	9	6.2	8	21	45	1.37	22	<8	<2	2	1	<.5	3	<3	1	.01	.017	3	37	<.01	69	<.01	<3	.08	.01	.03	13	24.0
HS-57	2	11	185	8	2.6	5	6	41	2.23	42	<8	<2	<2	2	<.5	3	<3	2	<.01	.009	3	84	<.01	26	<.01	<3	.07	.01	.04	3	151.0
HS-58	6	8	863	80	2.9	40	583	55	5.27	5	<8	<2	<2	2	1.3	5	6	1	<.01	<.001	2	42	<.01	9	<.01	<3	.05	.01	.03	16	38.0
HS-59	2	7	15	14	.4	7	7	46	1.05	14	<8	<2	2	2	<.5	<3	<3	5	<.01	.011	2	100	.01	12	<.01	<3	.14	.01	.08	3	4.8
HS-60	3	5	16	6	.4	6	4	27	1.03	7	<8	<2	2	1	<.5	<3	3	1	<.01	.009	2	28	.01	19	.01	<3	.20	<.01	.12	8	1.3
RE HS-60	3	4	16	7	<.3	4	4	30	1.03	7	<8	<2	2	1	<.5	<3	<3	1	<.01	.009	3	25	.01	17	<.01	<3	.18	<.01	.12	7	21.0
HS-61	5	7	5	5	<.3	4	1	25	.99	9	<8	<2	2	11	<.5	<3	<3	3	.01	.016	4	63	.01	61	<.01	<3	.21	<.01	.11	<2	5.5
HS-62	5	9	68	14	.5	8	12	80	1.25	17	<8	<2	<2	2	<.5	<3	<3	1	.01	.009	4	45	<.01	12	<.01	<3	.13	<.01	.06	13	30.0
HS-63	2	23	197	23	.9	5	20	39	3.91	34	9	<2	5	3	<.5	3	<3	4	.01	.019	16	55	.01	74	<.01	<3	.39	<.01	.24	<2	62.6
HS-64	5	15	82	67	1.0	16	72	56	1.98	24	<8	<2	2	2	<.5	5	<3	1	.01	.006	3	40	<.01	23	<.01	<3	.05	.01	.02	15	16.3
HS-65	1	7	7	11	<.3	5	15	148	.61	7	<8	<2	2	1	<.5	<3	<3	4	.01	.011	2	69	.01	15	<.01	<3	.18	.01	.08	2	3.1
HS-66	2	9	3	6	<.3	6	1	46	.42	<2	<8	<2	10	2	<.5	<3	<3	2	.01	.009	36	18	.02	36	<.01	<3	.28	<.01	.20	3	13.4
HS-67	1	3	3	18	<.3	4	4	113	.91	2	<8	<2	8	8	<.5	<3	<3	5	.03	.017	25	36	.04	1163	<.01	<3	.43	.02	.24	<2	180.8
HS-68	4	83	751	68	2.4	13	11	637	2.91	4	<8	2	9	4	<.5	<3	14	4	.01	.031	30	24	.05	156	.01	<3	.32	<.01	.21	7	3248.6
HS-69	1	176	721	31	1.2	6	4	235	1.17	<2	<8	<2	7	4	<.5	<3	3	4	<.01	.014	20	68	.04	74	<.01	<3	.33	<.01	.16	<2	2091.5
HS-70	4	39	57	28	<.3	5	2	100	1.04	<2	<8	<2	6	1	<.5	<3	<3	1	<.01	.009	16	26	.02	50	<.01	<3	.27	.01	.18	8	1099.8
HS-71	1	67	753	15	3.0	7	3	114	.71	2	8	4	7	3	<.5	<3	10	4	.04	.025	18	65	.05	48	<.01	<3	.40	<.01	.21	<2	5774.5
HS-72	5	19	54	18	<.3	25	8	57	1.33	26	<8	<2	3	1	<.5	<3	<3	7	<.01	.022	4	41	.01	7	<.01	<3	.19	.01	.09	11	16.0
HS-73	2	11	152	18	.3	16	8	39	1.00	16	<8	<2	14	14	<.5	<3	<3	20	.02	.034	11	59	.03	28	.01	<3	.68	.02	.30	<2	11.0
HS-74	3	5	6	10	<.3	12	16	38	1.18	<2	<8	<2	7	2	<.5	<3	<3	2	<.01	.009	21	17	.24	24	<.01	<3	.49	<.01	.18	4	2.9
HS-75	1	30	224	16	5.5	6	36	43	2.05	65	<8	<2	<2	1	<.5	22	<3	2	<.01	.009	1	76	<.01	2	.01	<3	.05	<.01	.02	2	24.6
HS-76	2	13	128	5	<.3	4	1	19	.66	37	<8	<2	5	1	<.5	4	<3	2	<.01	.006	11	21	.01	20	.01	<3	.35	<.01	.20	4	2.4
HS-77	1	18	40	18	<.3	7	7	25	1.53	30	<8	<2	3	1	<.5	<3	<3	4	<.01	.010	6	82	<.01	8	.01	<3	.10	<.01	.08	2	24.0
HS-78	2	22	101	11	.3	5	15	31	1.70	34	<8	<2	9	1	<.5	<3	<3	2	<.01	.012	34	19	.01	17	<.01	<3	.25	<.01	.17	4	4.6
HS-79	1	21	17	20	<.3	7	3	27	.85	15	<8	<2	3	1	<.5	6	<3	3	<.01	.005	8	62	.01	30	<.01	<3	.27	<.01	.18	<2	2.8
HS-80	5	8	45	9	<.3	9	5	49	2.25	3	<8	<2	2	7	<.5	<3	<3	<1	<.01	.013	9	42	.02	836	<.01	<3	.19	<.01	.14	10	376.8
HS-81	5	8	33	13	<.3	8	7	36	1.66	<2	<8	<2	7	6	<.5	<3	<3	5	<.01	.013	27	54	.02	1614	.01	<3	.32	<.01	.25	<2	254.5
STANDARD DS3	11	127	31	156	.4	36	11	794	3.33	31	<8	<2	6	30	5.9	6	5	83	.57	.089	18	189	.59	144	.08	<3	1.84	.03	.16	5	20.0

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK R150 60C AU* IGNITION BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Sampler T. KENNEDY

DATE RECEIVED: JUL 2 2002 DATE REPORT MAILED: July 10/02 SIGNED BY .... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

National Gold Corporation FILE # A202001

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
HS-82	3	7	196	20	.3	6	1	218	1.22	3	<8	<2	5	3	<.5	<3	4	2	.01	.011	16	26	.02	185	.01	<3	.23	.01	.20	8	135.6
HS-83	19	9	215	80	1.0	6	4	105	1.76	6	<8	<2	8	1	<.5	<3	4	5	<.01	.012	18	75	.02	55	<.01	<3	.27	.02	.20	<2	689.9
HS-84	8	62	284	52	1.3	10	25	50	3.99	57	<8	<2	2	3	<.5	20	<3	3	<.01	.050	4	29	.01	13	<.01	<3	.09	.01	.02	13	16.0
HS-85	1	13	43	10	.6	3	3	34	1.14	15	<8	<2	2	2	<.5	3	<3	6	<.01	.012	9	74	.01	14	.01	<3	.16	.01	.10	2	2.6
HS-86	9	75	1327	101	.5	10	10	161	6.72	108	8	<2	4	4	<.5	37	3	5	<.01	.133	8	31	.01	25	.01	<3	.24	<.01	.07	13	7.1
HS-87	3	15	135	25	.5	5	3	33	1.89	33	<8	<2	2	3	<.5	3	<3	6	<.01	.023	15	78	.01	18	.01	<3	.21	.01	.13	3	1.5
HS-88	9	22	184	44	.7	11	11	54	2.24	34	<8	<2	3	2	<.5	6	<3	2	.01	.034	3	31	<.01	19	.01	<3	.13	.01	.06	14	3.9
HS-89	1	10	37	136	<.3	17	10	17	4.25	18	<8	<2	2	2	<.5	<3	4	4	.01	.062	4	38	.01	21	.01	<3	.26	.01	.17	<2	.6
HS-90	3	9	61	10	.5	6	4	39	1.28	18	<8	<2	2	2	<.5	3	<3	1	<.01	.015	3	28	.01	29	<.01	<3	.22	.02	.16	8	2.0
HS-91	5	4	28	58	.4	65	122	66	10.14	55	<8	<2	5	2	.5	5	3	7	.02	.146	7	38	.01	113	<.01	<3	.33	.01	.19	3	12.5
HS-92	4	7	43	11	.6	6	4	59	.99	5	<8	<2	<2	1	<.5	<3	<3	1	<.01	.008	1	36	<.01	23	<.01	4	.06	<.01	.03	12	5.7
HS-93	2	7	10	24	<.3	14	17	31	2.46	25	<8	<2	<2	1	<.5	<3	<3	3	.01	.019	2	81	<.01	7	<.01	<3	.08	.01	.04	3	25.4
HS-94	6	144	11116	14	33.0	9	1	61	.76	11	<8	<2	<2	1	1.8	35	7	1	<.01	.011	1	45	<.01	19	<.01	<3	.04	.01	.03	20	72.6
HS-95	3	7	55	29	<.3	21	39	48	3.31	33	<8	<2	2	2	<.5	<3	<3	5	<.01	.030	5	87	.01	7	<.01	4	.11	<.01	.05	3	18.4
HS-95A HS 96A	1	4	13	19	<.3	5	8	486	1.06	4	<8	<2	13	6	.6	<3	<3	4	.11	.069	44	36	.03	154	<.01	<3	.37	<.01	.28	<2	148.0
HS-96 HS 96	2	7	87	20	7.4	4	3	72	5.58	3	<8	69	14	2	<.5	<3	7	3	<.01	.038	(74)	14	.02	77	<.01	<3	.33	<.01	.24	4	83273.8
HS-97	1	6	20	7	<.3	4	3	47	1.51	<2	<8	2	8	5	<.5	<3	<3	1	<.01	.019	9	33	.03	670	<.01	<3	.33	<.01	.27	<2	2541.7	97
HS-98	7	38	1085	169	.5	9	5	1062	1.99	3	<8	<2	8	4	<.5	<3	11	1	.03	.045	26	20	.09	218	<.01	<3	.34	<.01	.19	46	200.0
HS-99	3	83	279	81	1.0	12	9	381	3.70	<2	<8	3	5	3	<.5	<3	3	3	.01	.016	10	65	.03	149	<.01	<3	.26	<.01	.21	4	1979.6
HS-100	5	116	42	25	<.3	9	7	3111	2.57	2	<8	<2	9	10	<.5	<3	<3	<1	<.01	.025	27	21	.02	1907	<.01	<3	.27	<.01	.22	7	280.0
HS-101	2	61	339	72	.7	3	1	48	.75	<2	<8	<2	2	1	<.5	<3	<3	1	<.01	.009	6	70	.01	36	<.01	<3	.17	.01	.09	3	217.0
HS-102	3	63	1370	44	.4	5	1	109	.47	<2	<8	<2	6	1	<.5	<3	<3	<1	.01	.017	6	26	.01	155	<.01	<3	.16	<.01	.12	9	55.0
HS-103	1	25	616	108	<.3	5	7	756	.95	3	<8	<2	13	3	.5	<3	<3	2	.01	.017	44	48	.03	136	<.01	<3	.29	<.01	.25	2	2927.2
HS-104	3	135	851	16	21.1	6	3	45	1.98	<2	<8	<2	7	3	<.5	<3	39	<1	<.01	.013	17	21	.02	599	<.01	<3	.23	<.01	.20	9	1308.0
HS-105	2	37	672	64	3.6	4	5	243	1.41	<2	<8	2	5	3	<.5	<3	13	1	<.01	.012	21	55	.02	462	<.01	<3	.24	<.01	.20	2	3339.4
HS-106	1	32	31	9	.5	6	5	28	1.88	2	<8	3	17	5	<.5	<3	<3	1	.06	.034	31	12	.03	821	<.01	<3	.32	<.01	.26	3	4830.5
RE HS-106	1	32	31	9	.4	7	5	28	1.88	2	<8	4	17	5	<.5	<3	<3	1	.04	.035	31	13	.03	816	<.01	<3	.32	<.01	.26	3	4059.2
HS-107	10	93	1060	19	6.5	26	25	66	13.93	7	<8	118	<2	8	<.5	<3	12	1	<.01	.047	3	47	.03	483	<.01	<3	.07	<.01	.06	3	99999.0
HS-108	2	4	24	11	<.3	6	3	110	1.00	3	<8	<2	7	3	<.5	<3	<3	<1	.03	.024	16	17	.02	318	<.01	<3	.28	.05	.10	5	427.0
HS-109	6	18	82	30	2.6	10	9	181	2.15	3	<8	<2	4	3	<.5	<3	18	2	<.01	.008	11	63	.02	917	<.01	<3	.20	.01	.13	3	2538.7
HS-110	3	3	4	11	<.3	6	2	88	.68	2	<8	<2	6	1	<.5	<3	<3	<1	.02	.012	15	26	.04	37	<.01	<3	.29	.01	.13	9	28.0
HS-111	2	12	157	14	.3	9	6	245	1.88	2	<8	<2	8	3	<.5	<3	<3	2	.01	.030	34	67	.02	51	<.01	<3	.25	<.01	.19	3	743.6
STANDARD DS3	9	129	32	160	.3	36	12	795	3.01	30	<8	<2	4	27	6.0	5	6	71	.54	.089	17	175	.56	143	.09	3	1.67	.03	.15	3	21.0
HS-112	3	5	480	8	.4	3	1	279	.59	<2	<8	<2	3	7	<.5	<3	<3	<1	.05	.020	18	12	.02	210	<.01	<3	.15	.01	.13	<2	30.1

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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
HS-301	3	26	23	8	.3	35	181	42	9.37	311	<8	<2	5	1	<.5	5	6	8	.01	.036	10	27	.74	61	<.01	5	.68	<.01	.03	8	167.8
HS-302	5	6	4	3	<.3	16	121	73	4.88	17	<8	<2	<2	1	<.5	<3	<3	1	.01	.011	4	39	.02	33	<.01	<3	.05	<.01	.02	16	22.7
HS-303	5	6	7	16	<.3	22	154	27	8.58	32	<8	<2	8	2	<.5	<3	4	8	.01	.046	28	25	.87	153	<.01	<3	.91	<.01	.05	8	16.7
HS-304	4	15	16	7	<.3	26	132	37	7.29	220	<8	<2	4	1	<.5	4	5	9	.01	.030	6	30	1.10	128	<.01	<3	.90	<.01	.02	7	17.7
HS-305	5	15	22	11	<.3	55	217	42	8.97	122	<8	<2	9	1	<.5	<3	3	7	<.01	.079	47	18	.51	79	<.01	3	.71	.01	.10	4	21.2
HS-306	10	23	139	23	.5	649	1679	66	26.25	695	<8	<2	14	2	.5	7	12	13	.01	.235	58	15	.12	39	<.01	26	.38	<.01	.05	<2	54.1
HS-307	3	5	5	7	<.3	22	45	33	2.00	28	<8	<2	2	2	<.5	<3	<3	4	.01	.013	11	18	.19	481	<.01	<3	.33	<.01	.11	6	7.4
HS-308	5	4	3	10	<.3	14	40	59	2.32	29	<8	<2	4	1	<.5	<3	<3	7	.01	.023	2	26	.96	11	<.01	<3	.98	.01	.03	8	3.7

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
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GEOCHEMICAL ANALYSIS CERTIFICATE

National Gold Corporation File # A202654 Page 1
600 - 890 W. Pender St., Vancouver BC V6C 1K4

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
HS-309	1	51	202	15	5.2	10	17	86	1.00	74	<8	<2	5	3	1.1	50	3	2	.01	.012	19	17	.09	36	<.01	<3	.24	<.01	.12	5	45.0
HS-310	6	19	100	33	2.8	23	11	496	2.39	59	13	<2	4	1	<.5	26	<3	5	<.01	.023	5	29	.05	60	<.01	3	.12	<.01	.07	6	35.0
HS-311	2	13	35	15	.7	5	2	60	1.17	14	<8	<2	4	9	<.5	7	<3	3	<.01	.029	21	19	.02	58	<.01	<3	.22	.01	.19	7	116.9
STANDARD DS3	9	131	32	163	<.3	37	14	765	3.18	30	8	<2	3	28	6.1	4	5	76	.55	.087	18	182	.58	140	.09	4	1.76	.03	.16	5	20.0
ZR-518	2	11	5	3	.3	7	102	41	5.89	15	<8	<2	3	1	<.5	<3	<3	3	<.01	.048	4	18	.02	44	<.01	<3	.14	.01	.07	9	18.5
ZR-519	4	10	335	43	.5	8	33	73	2.43	12	<8	<2	<2	1	<.5	<3	<3	1	<.01	.021	3	24	.01	21	<.01	4	.13	.01	.08	11	13.4

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GEOCHEMICAL ANALYSIS CERTIFICATE

National Gold Corporation File # A202077 Page 1

600 - 890 W. Pender St., Vancouver BC V6C 1K4 Submitted by: T. Kennedy

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SI	<1	1	<3	<1	<.3	<1	<1	2	.02	<2	<8	<2	<2	2	<.5	<3	<3	2	.06	.003	<1	2	<.01	2	<.01	<3	.01	.34	.01	<2	<.2
2R-01	1	38	5	12	<.3	4	3	194	1.09	2	<8	<2	6	18	<.5	<3	<3	3	<.01	.004	21	45	.02	1203	<.01	<3	.26	.04	.13	2	46.9
2R-02	4	10	39	206	<.3	8	5	108	2.07	17	<8	<2	<2	1	<.5	<3	<3	1	<.01	.037	3	26	.01	19	<.01	<3	.12	.01	.07	12	1.9
2R-03	8	8	197	751	<.3	41	36	35	16.43	125	27	<2	4	3	1.7	23	<3	6	<.01	.192	6	33	.02	31	<.01	<3	.16	<.01	.09	6	7.0
2R-04	5	7	56	16	<.3	4	8	31	1.05	25	<8	<2	6	1	<.5	<3	<3	2	<.01	.016	27	18	.01	25	<.01	<3	.26	.01	.18	8	4.6
2R-05	1	3	53	2	<.3	2	<1	20	.51	7	<8	<2	3	1	<.5	<3	<3	3	<.01	.009	38	46	.01	22	<.01	<3	.20	.01	.15	2	8.7
2R-06	2	18	44	11	<.3	6	6	1025	.96	3	<8	<2	31	3	<.5	<3	<3	2	.02	.024	53	13	.03	195	<.01	<3	.34	.01	.24	5	352.5
2R-07	1	4	11	11	<.3	3	1	134	.78	2	<8	<2	5	1	<.5	<3	<3	3	<.01	.011	18	45	.03	39	<.01	<3	.33	.03	.15	2	1.1
2R-08	34	41	240	4	.8	4	1	49	.93	2	<8	<2	5	4	<.5	<3	<3	1	<.01	.012	22	23	.01	840	<.01	<3	.24	.02	.17	9	860.3
2R-09	48	23	215	4	.4	2	1	35	.77	2	<8	<2	7	6	<.5	<3	<3	2	<.01	.011	32	40	.02	462	<.01	<3	.29	.01	.21	2	268.8
2R-10	3	4	20	32	<.3	8	4	155	1.98	3	<8	<2	8	1	<.5	<3	<3	1	<.01	.015	36	21	.04	62	<.01	<3	.30	.01	.21	8	8.0
2R-11	1	213	10490	126	6.5	3	1	138	.50	2	<8	<2	6	2	1.8	<3	15	2	<.01	.017	16	62	.01	427	<.01	<3	.21	.01	.14	3	306.2
2R-12	5	85	6362	29	33.8	7	2	114	1.15	10	<8	<2	<2	1	1.2	<3	167	<1	<.01	.005	3	40	<.01	48	<.01	<3	.06	<.01	.04	17	155.6
2R-13	1	6	123	6	.5	3	2	54	1.38	2	<8	<2	4	5	<.5	<3	3	2	<.01	.016	20	38	.01	72	<.01	<3	.29	.05	.07	2	26.9
2R-14	4	5	53	6	<.3	6	2	70	2.36	11	<8	<2	3	9	<.5	<3	<3	<1	<.01	.016	10	27	.01	23	<.01	<3	.17	.02	.07	12	45.5
2R-15	2	16	97	2	<.3	12	10	35	4.03	201	<8	<2	3	1	<.5	<3	<3	3	<.01	.014	12	59	.03	27	<.01	<3	.16	.01	.12	4	646.4
2R-16	3	4	25	7	<.3	6	6	74	.89	18	<8	<2	3	3	<.5	<3	<3	1	<.01	.011	19	23	.01	30	<.01	3	.18	.01	.13	9	3.8
2R-17	1	11	218	7	.3	2	1	126	.74	4	<8	<2	5	4	<.5	<3	<3	3	<.01	.009	28	47	.02	45	<.01	<3	.30	.01	.23	2	62.1
2R-18	3	11	104	34	<.3	4	1	62	1.09	3	<8	<2	8	2	<.5	<3	<3	2	<.01	.012	27	19	.03	63	<.01	<3	.31	.01	.24	7	276.1
2R-19	1	4	27	12	<.3	4	3	65	1.40	22	<8	<2	11	12	<.5	<3	<3	5	.18	.106	44	27	.05	137	<.01	<3	.57	.01	.40	<2	415.2
2R-20	2	6	50	10	<.3	4	1	263	1.42	9	<8	<2	8	8	<.5	<3	<3	1	<.01	.024	38	16	.03	99	<.01	<3	.35	.01	.29	6	714.0
2R-21	1	6	53	5	<.3	2	1	81	1.07	3	<8	<2	5	3	<.5	<3	<3	2	<.01	.010	24	35	.03	148	<.01	<3	.34	.01	.27	2	194.3
2R-22	3	3	53	2	<.3	3	<1	38	.64	5	<8	<2	4	4	<.5	<3	<3	2	<.01	.009	29	20	.02	52	<.01	<3	.29	.01	.24	7	603.1
2R-23	1	5	93	5	<.3	3	1	58	1.11	10	<8	<2	6	7	<.5	<3	<3	4	<.01	.018	30	46	.03	81	<.01	<3	.33	.01	.25	2	1553.4
RE 2R-23	1	5	92	5	<.3	3	1	56	1.09	10	<8	<2	5	7	<.5	<3	<3	4	<.01	.018	30	47	.03	79	<.01	<3	.33	.01	.25	2	1606.5
2R-24	2	14	213	18	.5	5	3	127	2.06	9	<8	<2	12	8	<.5	<3	<3	3	<.01	.033	21	16	.02	123	<.01	<3	.30	<.01	.23	7	259.4
2R-25	1	8	102	16	<.3	3	1	153	1.41	17	<8	<2	7	14	<.5	<3	<3	4	<.01	.042	32	43	.03	141	<.01	3	.36	.01	.30	2	964.9
2R-26	3	20	333	40	.6	4	2	191	3.20	38	<8	<2	6	6	<.5	<3	<3	3	<.01	.031	29	19	.03	98	<.01	<3	.31	.01	.25	7	1030.4
2R-27	1	39	1469	18	2.3	2	<1	31	.86	7	<8	<2	3	2	<.5	<3	<3	3	<.01	.007	23	45	.02	40	<.01	<3	.26	.01	.24	2	631.3
2R-28	3	6	271	23	<.3	4	1	44	.80	8	<8	<2	6	4	<.5	<3	<3	2	<.01	.011	19	24	.02	444	<.01	<3	.25	<.01	.20	8	64.4
2R-29	1	10	893	325	1.1	3	1	226	.63	6	<8	<2	6	3	4.0	<3	<3	3	.02	.013	37	48	.03	109	<.01	<3	.33	<.01	.26	2	258.3
2R-30	3	31	2579	1047	2.3	6	4	1799	1.38	4	<8	<2	7	5	13.7	<3	<3	2	.06	.019	26	23	.05	159	<.01	<3	.32	<.01	.26	9	140.0
2R-31	1	5	116	32	<.3	2	1	65	.77	6	<8	<2	8	4	<.5	<3	<3	3	.08	.009	45	47	.03	58	<.01	<3	.33	<.01	.27	2	228.5
2R-32	2	3	15	15	<.3	4	2	88	1.18	17	<8	2	9	8	<.5	<3	<3	3	.03	.023	25	14	.02	87	<.01	<3	.31	.02	.25	5	371.0
STANDARD DS3	9	119	34	156	.3	37	12	800	3.13	28	<8	<2	4	29	6.0	5	6	72	.58	.081	18	177	.57	142	.10	<3	1.81	.04	.15	3	23.2

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK R150 60C AU* BY IGNITION ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 5 2002 DATE REPORT MAILED: July 17/02 SIGNED BY.......... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Assay recommend for Pb >5000ppm, Ag >30ppm Au >1000ppb

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
2R-33	1	3	34	6	<.3	2	3	111	1.05	7	<8	<2	7	5	<.5	<3	3	2	.03	.010	27	11	.03	94	<.01	3	.27	.01	.25	2	660.9
2R-34	2	23	110	2	2.1	2	2	71	1.54	11	8	7	5	11	<.5	<3	4	2	.03	.021	22	14	.02	171	<.01	<3	.19	.01	.21	<2	2252.4
2R-35	<1	13	55	6	<.3	4	4	1277	2.11	<2	<8	<2	10	8	<.5	<3	4	2	.01	.028	14	13	.02	338	<.01	<3	.23	<.01	.20	3	110.0
2R-36	3	13	97	3	<.3	5	2	332	2.28	7	<8	<2	9	5	<.5	<3	<3	2	.01	.038	14	20	.01	81	<.01	7	.20	.01	.18	2	167.2
2R-37	1	4	56	9	<.3	3	1	103	1.44	6	<8	<2	7	5	<.5	<3	<3	2	.01	.031	31	11	.02	72	<.01	3	.28	<.01	.26	3	143.1
2R-38	7	3	26	9	<.3	2	2	251	1.10	8	<8	<2	6	4	<.5	<3	<3	2	<.01	.011	35	11	.02	156	<.01	<3	.34	<.01	.27	<2	153.9
STANDARD DS3	9	126	31	151	<.3	35	13	809	3.23	29	11	<2	3	31	5.8	5	5	81	.56	.087	17	185	.57	148	.09	<3	1.74	.04	.16	3	21.9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
[illegible]	<1	2	<3	1	<.3	<1	<1	4	.03	<2	<8	<2	<2	2	<.5	<3	<3	<1	.08	<.001	<1	3	<.01	4	<.01	<3	.01	.36	.01	<2	<.2
ZR-39	4	5	23	6	<.3	6	1	45	.44	48	<8	<2	2	1	<.5	<3	<3	1	.01	.003	6	29	.01	31	<.01	<3	.17	.01	.15	12	14.2
ZR-40	3	3	529	529	.7	6	3	94	.88	2	<8	<2	6	2	1.4	<3	<3	2	.02	.017	18	22	.09	22	<.01	<3	.47	.02	.11	8	483.0
ZR-41	16	783	2858	54	8.0	9	7	396	1.74	2	<8	5	6	2	1.1	<3	11	4	.02	.011	17	43	.03	58	<.01	<3	.26	.04	.13	2	4208.5
ZR-42	26	3716	4078	482	12.7	14	9	238	1.87	2	<8	4	8	10	10.3	<3	11	2	.10	.034	15	14	.09	537	<.01	<3	.36	.01	.21	4	14001.9
ZR-63	1	60	83	16	.6	6	5	111	2.48	8	<8	<2	11	1	<.5	<3	<3	5	<.01	.011	26	46	.03	53	<.01	<3	.38	.01	.22	2	846.0
ZR-64	2	23	157	44	.6	4	3	358	.94	2	<8	<2	7	14	.6	<3	<3	1	.19	.013	17	11	.07	67	<.01	<3	.28	<.01	.22	3	385.0
ZR-65	1	18	204	11	1.0	5	3	374	1.44	<2	<8	<2	7	1	<.5	<3	<3	4	.01	.008	11	74	.02	44	<.01	<3	.19	<.01	.15	4	1008.7
ZR-66	3	10	25	13	1.2	6	3	418	1.41	2	<8	<2	8	4	<.5	<3	<3	2	.01	.021	28	19	.02	66	<.01	<3	.26	<.01	.21	7	1277.5
ZR-67	1	16	75	6	2.3	3	2	135	.92	2	<8	2	7	1	<.5	<3	<3	3	<.01	.013	26	39	.02	43	<.01	<3	.33	.01	.23	2	2128.7
ZR-48	3	23	234	14	3.1	11	9	1636	3.06	2	<8	6	4	12	<.5	<3	5	2	.33	.033	11	23	.08	94	<.01	<3	.22	<.01	.18	9	9187.4
ZR-49	<1	120	16	11	.4	4	3	684	.85	<2	<8	<2	6	4	<.5	<3	<3	3	.04	.008	17	38	.03	65	<.01	<3	.27	.01	.18	2	237.0
ZR-50	2	60	1571	7	3.7	4	1	87	.84	<2	<8	<2	4	3	<.5	<3	4	1	<.01	.011	13	15	.02	46	<.01	<3	.24	.01	.19	6	494.3
RE ZR-50	2	60	1587	7	3.6	4	1	87	.86	<2	<8	<2	4	3	<.5	<3	5	1	<.01	.012	13	15	.02	48	<.01	<3	.23	.01	.19	6	668.1
ZR-51	1	72	705	11	1.1	4	3	460	1.07	<2	<8	<2	5	3	<.5	<3	<3	3	<.01	.009	20	45	.02	91	<.01	<3	.25	<.01	.20	2	167.1
ZR-52	3	13	54	4	.3	4	1	116	.73	<2	<8	<2	3	2	<.5	<3	<3	1	<.01	.006	15	22	.01	68	<.01	<3	.18	.01	.14	8	44.0
ZR-53	3	8	19	45	.7	17	12	625	2.72	9	<8	3	9	37	<.5	<3	<3	5	.52	.095	21	38	.31	720	<.01	<3	.41	.01	.31	2	590.3
ZR-54	2	5	1600	635	.7	3	<1	25	.38	3	<8	<2	6	3	7.3	<3	<3	1	<.01	.006	25	13	.02	82	<.01	<3	.31	<.01	.26	5	42.0
ZR-55	1	6	485	176	.5	2	<1	39	.46	3	<8	<2	6	2	2.2	<3	<3	2	<.01	.010	19	37	.02	59	<.01	<3	.27	.01	.23	2	346.8
ZR-56	3	11	588	70	.6	4	2	696	.97	2	<8	<2	6	3	.6	<3	<3	<1	<.01	.016	23	17	.01	92	<.01	<3	.22	.01	.19	6	766.2
ZR-57	1	7	140	21	<.3	3	1	74	.59	6	<8	<2	5	3	<.5	<3	<3	2	.01	.018	24	51	.01	37	<.01	<3	.23	.01	.19	2	72.3
ZR-58	4	91	125	36	.9	11	9	137	2.34	5	<8	<2	11	3	<.5	<3	5	2	.02	.030	29	19	.02	282	<.01	4	.26	<.01	.19	7	226.3
ZR-59	60	1122	5034	67	108.7	25	24	101	16.35	3	<8	3	7	1	<.5	<3	289	3	<.01	.032	11	34	.01	1085	<.01	<3	.20	<.01	.14	2	3403.0
ZR-60	2	12	41	12	1.8	6	4	38	1.69	<2	<8	4	7	6	<.5	<3	<3	2	<.01	.022	24	16	.02	2128	<.01	<3	.35	<.01	.30	5	1507.2
ZR-61	2	31	26	5	1.4	4	5	29	1.50	<2	<8	6	3	3	<.5	<3	<3	2	<.01	.017	10	44	.02	803	<.01	<3	.25	<.01	.22	2	6594.8
ZR-62	6	34	139	23	1.8	11	5	52	2.75	<2	<8	5	<2	1	<.5	<3	5	1	<.01	.015	4	38	.01	131	<.01	<3	.10	<.01	.07	11	6177.2
ZR-63	1	3	7	20	<.3	7	4	148	1.21	2	<8	<2	13	1	<.5	<3	<3	3	<.01	.015	37	42	.02	36	<.01	<3	.34	.02	.13	<2	21.0
ZR-64	8	7	63	9	<.3	6	2	49	1.67	3	<8	<2	6	1	<.5	<3	<3	2	<.01	.027	18	27	.01	15	<.01	<3	.15	<.01	.09	9	22.0
ZR-65	3	12	148	114	<.3	3	2	58	.90	<2	<8	<2	7	2	.9	<3	<3	3	<.01	.014	24	42	.02	68	<.01	<3	.26	<.01	.22	2	167.0
ZR-66	5	4	77	13	<.3	4	<1	26	.72	<2	<8	<2	2	1	<.5	<3	<3	1	<.01	.006	6	20	.01	56	<.01	<3	.19	<.01	.18	8	39.0
ZR-67	2	5	45	9	.3	3	1	33	1.44	2	<8	<2	4	1	<.5	<3	<3	3	<.01	.011	18	45	.02	51	<.01	<3	.25	<.01	.20	2	129.7
ZR-68	6	5	91	19	1.5	5	4	53	2.05	9	<8	4	17	1	<.5	<3	3	4	<.01	.012	51	19	.02	45	<.01	<3	.29	<.01	.26	5	3402.9

Data ✓ FA ____

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

National Gold Corporation File # A202654 Page 1

600 - 890 W. Pender St., Vancouver BC V6C 1K4

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
ZR-69	1	3	7	4	<.3	3	1	48	.83	2	<8	<2	4	1	<.5	<3	<3	<1	.01	.007	17	12	.01	22	<.01	<3	.16	.03	.06	<2	5.0
ZR-70	2	5	8	3	<.3	2	1	22	1.00	8	<8	<2	<2	<1	<.5	<3	<3	1	<.01	.007	14	9	.01	17	<.01	<3	.14	<.01	.11	3	2.7
ZR-71	4	18	8	5	<.3	13	8	18	3.71	14	<8	<2	7	1	<.5	<3	4	2	<.01	.017	29	14	.02	30	<.01	<3	.16	.01	.12	<2	5.6
ZR-72	1	6	13	5	<.3	1	1	84	4.87	11	<8	<2	3	1	<.5	<3	8	3	<.01	.028	34	13	.01	23	<.01	<3	.19	.01	.15	4	4.8
ZR-73	2	6	<3	4	<.3	6	12	12	4.21	5	<8	<2	3	1	<.5	<3	<3	1	<.01	.020	12	6	.01	198	<.01	<3	.21	<.01	.16	<2	2.7
ZR-74	2	25	6	17	.4	9	8	97	1.73	2	<8	2	6	1	<.5	<3	<3	1	<.01	.015	28	7	.02	21	<.01	<3	.22	<.01	.17	2	1566.2
ZR-75	1	3	<3	11	<.3	4	2	176	.94	<2	<8	<2	12	2	<.5	<3	<3	1	.01	.008	32	12	.02	157	<.01	<3	.18	.03	.09	<2	29.7
ZR-76	1	8	5	6	<.3	3	2	32	.72	<2	<8	<2	4	3	<.5	<3	<3	1	<.01	.009	18	10	.01	298	<.01	<3	.19	.01	.16	3	445.3
ZR-77	3	16	8	3	.4	4	2	16	.87	<2	<8	<2	2	1	<.5	<3	<3	1	.01	.007	16	14	.01	99	<.01	<3	.16	.01	.13	<2	3012.4
ZR-78	1	5	26	11	.8	10	10	22	1.61	<2	<8	<2	4	<1	<.5	<3	<3	1	<.01	.008	19	8	.02	17	<.01	<3	.17	<.01	.14	5	4231.7
ZR-79	1	4	6	5	<.3	10	20	30	1.27	2	<8	<2	4	2	<.5	<3	<3	2	<.01	.019	21	7	.01	24	<.01	<3	.21	<.01	.15	<2	23.1
ZR-80	1	4	<3	8	<.3	16	35	95	1.15	<2	<8	<2	4	3	<.5	<3	3	2	.08	.019	12	10	.03	24	<.01	<3	.22	.01	.15	4	9.7
RE ZR-80	1	3	<3	8	<.3	15	36	95	1.13	2	<8	<2	4	3	<.5	<3	<3	2	.08	.019	13	11	.03	25	<.01	<3	.20	.01	.16	3	7.4
ZR-81	1	2	3	10	<.3	4	3	88	.99	4	<8	<2	4	3	<.5	<3	<3	1	.02	.009	10	12	.01	291	<.01	<3	.12	.02	.06	2	203.0
ZR-82	2	5	11	11	.3	3	2	32	.98	10	<8	<2	7	5	<.5	<3	<3	1	<.01	.011	17	16	.01	84	<.01	<3	.15	.03	.03	3	39.6
ZR-83	1	6	11	6	.3	6	5	39	2.52	<2	<8	<2	10	2	<.5	<3	<3	2	.01	.028	29	7	.01	440	<.01	<3	.20	<.01	.17	2	1201.8
ZR-84	2	3	4	7	<.3	3	3	111	1.15	<2	<8	<2	4	3	<.5	<3	<3	1	.04	.007	21	8	.03	232	<.01	<3	.19	.01	.15	<2	348.0
ZR-85	1	1091	1008	792	1.3	5	5	442	1.14	<2	<8	<2	5	17	11.2	<3	3	1	.21	.025	22	10	.05	449	<.01	<3	.18	.01	.14	3	1332.1
ZR-86	2	15	14	16	.4	7	4	1670	2.30	3	<8	<2	3	5	<.5	<3	<3	5	.01	.015	36	12	.02	73	<.01	<3	.19	.01	.18	3	94.6
ZR-87	1	7	14	8	.3	2	1	117	1.12	2	<8	<2	3	4	<.5	<3	<3	1	.03	.007	13	8	.02	92	<.01	<3	.17	<.01	.16	3	45.0
ZR-88	4	10	176	101	.3	6	5	3111	1.48	3	<8	<2	4	17	1.5	<3	<3	1	.42	.021	8	13	.14	50	<.01	<3	.16	.01	.14	3	47.3
ZR-89	2	3	26	10	<.3	2	1	252	.64	2	<8	<2	3	6	<.5	<3	<3	1	<.01	.008	21	10	.01	136	<.01	<3	.17	<.01	.15	3	58.1
ZR-90	3	13	36	32	.5	3	1	122	.69	<2	<8	<2	3	2	.6	<3	3	1	.02	.007	19	16	.02	98	<.01	<3	.15	<.01	.13	2	38.1
ZR-91	9	355	1925	1249	2.8	3	2	150	1.64	6	<8	<2	8	11	13.5	<3	3	2	.01	.051	42	11	.02	762	<.01	<3	.17	<.01	.16	2	555.4
ZR-92	1	8	167	30	.8	3	2	198	1.07	<2	<8	<2	4	6	<.5	<3	<3	1	.01	.017	26	8	.01	254	<.01	<3	.15	<.01	.13	3	831.1
ZR-93	2	7	10	12	<.3	4	2	66	1.05	3	<8	<2	4	2	<.5	<3	<3	2	.01	.029	18	10	.01	38	<.01	<3	.17	<.01	.14	<2	562.3
ZR-94	1	4	10	5	<.3	4	3	36	1.84	2	<8	<2	11	5	<.5	<3	<3	2	<.01	.028	20	8	.02	534	<.01	<3	.23	.01	.20	2	1544.0
ZR-95	5	14	97	76	.5	3	1	28	1.01	27	<8	<2	3	5	<.5	4	<3	1	.04	.007	8	15	.01	108	<.01	<3	.10	.02	.09	2	3253.1
ZR-96	1	9	16	21	<.3	8	5	415	1.05	<2	<8	<2	11	3	<.5	<3	<3	3	.01	.019	54	11	.02	63	<.01	<3	.26	.01	.23	2	65.1
ZR-97	3	12	27	6	.5	3	1	26	1.51	<2	<8	4	6	1	<.5	<3	<3	1	<.01	.020	18	13	.01	23	<.01	<3	.17	<.01	.13	<2	1820.1
ZR-98	2	3	3	4	<.3	3	1	45	.89	<2	<8	<2	4	27	<.5	<3	<3	2	.01	.028	11	13	.01	56	<.01	<3	.14	<.01	.11	<2	425.4
ZR-99	2	5	59	9	.5	4	4	45	1.60	2	<8	5	4	6	<.5	<3	<3	2	<.01	.024	15	12	.01	251	<.01	<3	.16	.01	.13	2	4379.8
ZR-100	3	10	80	66	<.3	18	14	976	2.73	5	<8	<2	9	9	<.5	<3	4	4	.18	.103	41	12	.03	165	<.01	4	.25	.01	.17	2	1174.9
STANDARD DS3	9	127	36	155	.3	38	12	750	3.24	34	<8	<2	3	27	5.7	6	5	71	.54	.086	16	174	.56	140	.08	3	1.82	.04	.16	5	22.0

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK R150 60C AU* IGNITION BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 29 2002 DATE REPORT MAILED: Aug 8/02 SIGNED BY..........D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Date FA

ACME ANALYTICAL

National Gold Corporation FILE # A202654

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
ZR-101	4	27	94	17	<.3	7	4	56	1.79	39	<8	<2	8	7	<.5	<3	<3	2	.01	.029	30	11	.02	44	<.01	<3	.21	.02	.12	2	58.0
ZR-102	3	42	176	3	4.5	2	1	29	.74	<2	<8	<2	5	<1	<.5	<3	8	1	<.01	.007	10	12	.01	15	<.01	<3	.13	<.01	.09	<2	221.8
ZR-103	4	31	217	41	2.6	13	10	159	3.23	13	<8	17	3	1	<.5	<3	5	1	<.01	.014	12	18	.02	32	<.01	4	.10	<.01	.08	4	15778.6
ZR-104	7	31	341	35	.4	43	424	76	6.14	19	<8	<2	<2	1	<.5	<3	15	2	<.01	.017	3	16	.01	4	<.01	<3	.06	<.01	.02	2	411.0
ZR-105	3	7	9	6	<.3	16	42	83	1.19	4	<8	<2	<2	1	<.5	<3	3	1	<.01	.007	1	13	<.01	6	<.01	<3	.05	.01	.03	2	20.0
ZR-106	3	4	16	10	.6	7	7	116	1.40	3	<8	4	12	5	<.5	<3	<3	2	.02	.019	23	8	.02	245	<.01	<3	.23	<.01	.21	<2	949.9
ZR-107	13	76	24	12	.4	19	32	64	1.99	2	<8	<2	3	4	<.5	<3	3	2	<.01	.021	3	15	.01	18	<.01	3	.12	.01	.06	3	9.4
ZR-108	3	5	<3	3	<.3	12	62	15	1.90	3	<8	<2	<2	<1	<.5	<3	<3	3	<.01	.012	2	10	.01	4	<.01	<3	.05	<.01	.03	<2	4.2
ZR-109	2	4	4	2	<.3	6	9	26	1.44	2	<8	<2	<2	1	<.5	<3	3	1	<.01	.001	2	15	<.01	4	<.01	3	.04	.01	.03	3	2.5
ZR-110	3	3	<3	2	<.3	5	7	14	1.37	<2	<8	<2	<2	1	<.5	<3	<3	1	<.01	.003	3	15	.01	10	<.01	<3	.09	<.01	.08	<2	.9
ZR-111	2	4	7	11	<.3	28	55	284	1.83	3	<8	<2	<2	83	<.5	<3	<3	<1	3.03	.006	2	14	1.67	2	<.01	3	.03	.01	.01	3	33.0
ZR-112	4	6	3	11	<.3	31	35	23	5.52	25	<8	<2	2	1	<.5	<3	<3	7	.02	.037	3	20	.03	4	<.01	13	.09	.01	.05	<2	4.5
ZR-113	4	6	9	7	<.3	13	49	29	2.74	7	<8	<2	4	2	<.5	<3	3	1	.13	.019	4	12	.98	9	<.01	5	.70	.01	.06	3	5.5
ZR-114	20	9	46	14	.3	15	57	44	5.28	5	<8	<2	4	4	<.5	<3	4	3	.02	.023	5	14	.36	98	<.01	4	.42	.01	.10	<2	5.8
RE ZR-114	19	9	53	15	.5	14	57	44	5.31	3	8	<2	5	4	<.5	<3	4	3	.02	.023	6	15	.36	111	<.01	<3	.42	.01	.10	<2	6.2
ZR-115	9	9	21	14	<.3	39	187	36	5.34	7	<8	<2	5	2	<.5	3	5	1	.01	.013	8	16	.51	323	<.01	5	.48	.01	.07	2	8.6
ZR-116	27	21	15	10	.5	4	18	24	3.25	<2	<8	<2	3	1	<.5	<3	6	2	<.01	.014	9	13	.16	31	<.01	<3	.25	.01	.07	<2	5.5
ZR-117	32	21	12	16	<.3	20	97	90	5.83	2	<8	<2	3	1	<.5	<3	4	3	<.01	.033	13	16	.14	15	<.01	<3	.26	.01	.07	3	4.6
ZR-118	3	4	<3	6	<.3	6	15	18	2.07	5	<8	<2	2	1	<.5	<3	<3	1	<.01	.013	3	19	.01	7	<.01	5	.11	.01	.06	<2	1.8
ZR-119	1	6	8	9	.4	4	3	119	1.17	<2	<8	<2	6	3	<.5	<3	<3	3	.03	.021	19	11	.01	67	<.01	<3	.18	.02	.10	<2	11.4
ZR-120	3	7	8	10	<.3	3	2	32	1.08	2	<8	<2	6	1	<.5	<3	<3	1	.01	.008	14	9	.01	14	<.01	<3	.10	.03	.03	<2	13.3
ZR-121	1	5	11	4	<.3	3	1	36	.86	17	<8	<2	8	16	<.5	<3	4	2	.02	.019	31	14	.01	139	<.01	<3	.20	.04	.12	2	18.2
ZR-122	3	10	14	4	<.3	3	8	43	1.04	2	<8	<2	2	5	<.5	<3	<3	1	.07	.008	8	10	.01	80	<.01	<3	.11	.04	.11	<2	1.6
ZR-123	1	4	3	9	<.3	4	3	83	1.33	<2	<8	<2	5	3	<.5	<3	<3	1	.02	.005	11	13	.02	27	<.01	<3	.15	.03	.04	2	88.8
ZR-124	3	3	3	7	<.3	5	4	65	.87	<2	<8	<2	6	2	<.5	<3	3	1	.01	.008	13	10	.02	23	<.01	<3	.17	.02	.04	<2	16.9
ZR-125	1	4	3	3	<.3	4	9	37	.75	<2	<8	<2	4	4	<.5	<3	<3	1	.04	.004	10	12	.01	674	<.01	<3	.13	.02	.07	<2	4.3
ZR-126	4	8	12	5	<.3	5	8	22	.50	<2	<8	<2	2	2	<.5	<3	<3	1	<.01	.006	3	10	.01	430	<.01	<3	.15	<.01	.11	<2	1.0
ZR-127	3	15	16	7	.5	8	71	40	2.50	3	<8	<2	3	<1	<.5	3	4	3	<.01	.013	8	10	.01	17	<.01	<3	.12	<.01	.08	2	7.0
ZR-128	2	8	<3	5	<.3	4	6	32	1.07	3	<8	<2	4	3	<.5	<3	3	1	<.01	.009	22	12	.01	447	<.01	<3	.14	<.01	.10	<2	327.4
STANDARD DS3	11	131	32	161	<.3	40	12	767	3.25	33	8	<2	3	28	6.0	6	5	73	.57	.088	17	180	.58	141	.08	<3	1.81	.04	.16	6	22.0
ZR-129	2	8	<3	5	<.3	4	3	41	1.56	2	<8	<2	5	2	<.5	<3	<3	1	<.01	.012	21	13	.01	164	<.01	<3	.17	<.01	.13	4	480.5
ZR-130	3	67	15	7	<.3	14	8	133	6.74	144	10	<2	4	<1	<.5	<3	3	4	<.01	.015	4	10	.02	14	<.01	<3	.26	<.01	.07	2	5.0
ZR-131	2	3	10	3	<.3	2	2	33	.59	2	<8	<2	7	1	<.5	<3	<3	1	<.01	.006	22	10	.01	141	<.01	<3	.24	.01	.12	3	18.0
ZR-132	2	8	49	2	<.3	2	1	24	1.22	4	<8	<2	4	2	<.5	<3	<3	1	<.01	.005	16	12	.01	66	<.01	<3	.16	.01	.12	<2	970.2
ZR-133	2	19	14	11	<.3	7	28	125	2.42	<2	<8	<2	5	5	<.5	<3	<3	1	<.01	.008	8	10	.01	181	<.01	<3	.15	.02	.11	4	3.3
ZR-134	3	4	<3	13	<.3	5	3	132	1.15	<2	9	<2	5	3	<.5	<3	<3	1	.03	.019	24	11	.01	44	<.01	<3	.14	.03	.05	<2	14.0
STANDARD DS3	9	128	30	162	<.3	40	13	764	3.29	32	10	<2	5	28	6.1	5	6	74	.56	.089	16	180	.58	142	.08	3	1.78	.04	.16	6	22.0

Date FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
ZR-135	2	3	6	18	<.3	4	2	67	1.29	<2	<8	<2	8	2	<.5	<3	<3	2	.01	.011	28	17	.02	38	<.01	<3	.32	.04	.15	3	3.1
ZR-136	3	3	5	17	<.3	8	2	78	1.32	2	<8	<2	7	2	<.5	<3	<3	3	.01	.011	32	23	.03	33	<.01	<3	.31	.07	.09	7	2.9
ZR-137	1	7	5	27	<.3	16	7	133	2.29	<2	<8	<2	20	2	<.5	<3	<3	5	.02	.031	65	17	.04	62	<.01	<3	.53	.01	.28	3	9.9
ZR-138	21	9	77	45	.6	12	5	49	3.44	39	<8	<2	2	1	<.5	4	<3	1	<.01	.012	4	37	.01	19	<.01	<3	.10	.01	.05	15	279.1
ZR-139	3	3	3	5	<.3	3	1	235	.72	<2	<8	<2	<2	1	<.5	<3	<3	1	<.01	.005	1	30	.01	29	<.01	<3	.06	<.01	.02	13	.9
ZR-140	5	4	3	4	<.3	7	1	82	.67	<2	<8	<2	<2	1	<.5	<3	<3	1	<.01	.006	1	41	.06	14	<.01	<3	.11	.01	.03	16	.8
ZR-141	3	9	98	19	1.0	9	4	121	1.55	<2	<8	<2	5	1	<.5	<3	4	2	<.01	.010	15	29	.03	28	<.01	<3	.26	.02	.09	9	4.2
ZR-142	4	43	137	8	3.3	15	8	56	5.75	<2	<8	3	6	8	<.5	<3	<3	3	<.01	.035	16	29	.02	387	<.01	<3	.29	<.01	.23	8	2700.6
ZR-143	3	206	243	5	11.4	4	3	234	1.24	<2	<8	23	16	1	<.5	<3	12	3	.01	.022	50	22	.03	63	<.01	<3	.36	<.01	.26	5	12941.2
ZR-144	6	20	27	24	1.5	19	12	270	3.04	<2	<8	10	7	3	<.5	<3	<3	3	.03	.051	9	30	.03	88	<.01	<3	.38	.01	.27	11	7395.4

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
S1	<1	1	3	1	<.3	<1	<1	4	.01	<2	<8	<2	<2	1	<.5	<3	<3	<1	.05	<.001	<1	<1	<.01	2	<.01	<3	<.01	.22	<.01	<2	.4
ZR-150	3	8	11	11	.3	6	1	58	.96	3	<8	<2	6	6	<.5	3	<3	4	.01	.009	24	16	.03	1930	<.01	<3	.52	.01	.37	7	63.9
ZR-151	3	19	202	48	.8	15	40	97	1.50	38	<8	<2	2	3	<.5	3	<3	3	.01	.019	15	20	.01	153	<.01	3	.27	.02	.17	11	19.8
ZR-152	3	9	41	13	.3	4	1	69	1.01	3	<8	<2	11	1	<.5	<3	<3	3	.01	.018	39	22	.02	56	<.01	<3	.31	.01	.20	16	82.3
ZR-153	1	4	23	37	<.3	11	8	227	1.93	<2	<8	<2	10	2	<.5	<3	<3	2	.02	.026	33	15	.03	73	<.01	<3	.35	.02	.23	6	22.6
ZR-154	3	6	7	6	<.3	5	1	49	.84	<2	<8	<2	9	4	<.5	<3	<3	2	<.01	.012	30	21	.03	240	<.01	<3	.41	.01	.30	7	84.2
ZR-155	2	5	8	9	.3	5	3	56	1.04	<2	<8	<2	5	5	<.5	<3	<3	3	.01	.007	15	19	.02	1021	<.01	<3	.25	.03	.14	8	352.1
ZR-156	4	21	31	6	1.5	8	3	135	1.28	2	<8	3	7	7	<.5	<3	<3	3	.01	.018	20	31	.03	105	<.01	<3	.35	.01	.26	13	2537.8
ZR-157	3	9	82	57	1.0	11	7	522	3.64	2	<8	2	3	7	<.5	<3	<3	2	.01	.025	13	22	.02	112	.01	<3	.15	.01	.11	11	1820.9
ZR-158	3	34	47	17	1.4	8	3	188	1.78	3	<8	2	9	7	<.5	<3	<3	3	<.01	.024	24	23	.03	596	<.01	<3	.37	.01	.27	9	1679.3
ZR-159	3	5	13	7	.3	7	2	92	1.35	<2	<8	<2	8	4	<.5	<3	<3	3	<.01	.017	29	15	.03	493	<.01	<3	.37	<.01	.28	6	543.4
ZR-160	3	6	5	17	.5	8	5	282	2.03	3	<8	<2	10	3	<.5	<3	<3	5	.02	.043	28	18	.04	90	<.01	<3	.45	.01	.30	7	475.0
ZR-161	1	24	16	5	.8	3	2	49	1.37	2	<8	13	6	4	<.5	<3	<3	3	<.01	.021	22	16	.03	207	<.01	<3	.35	.01	.26	7	10146.5
ZR-162	3	193	32	34	5.5	11	5	2980	3.60	4	<8	13	5	4	<.5	<3	<3	3	<.01	.036	17	25	.03	423	<.01	<3	.30	.01	.20	10	8298.2
ZR-163	2	82	24	7	1.2	4	2	429	.86	2	<8	15	5	2	<.5	<3	<3	2	<.01	.013	22	22	.02	43	<.01	<3	.24	<.01	.17	9	9367.6
ZR-164	2	35	14	6	1.1	3	1	75	1.09	3	<8	<2	4	1	<.5	<3	<3	2	<.01	.013	18	22	.02	31	<.01	<3	.27	.01	.20	9	1368.0
ZR-165	3	7	7	6	.4	6	2	79	1.26	2	<8	<2	7	3	<.5	<3	<3	2	.01	.014	25	23	.03	305	<.01	<3	.37	.01	.26	8	372.4
ZR-166	11	49	589	298	2.8	4	1	65	1.91	2	<8	<2	12	2	3.0	<3	<3	3	.01	.011	20	17	.02	182	<.01	<3	.34	.01	.25	6	1405.0
ZR-167	4	30	6051	96	4.6	7	1	53	1.19	<2	<8	9	6	3	.5	<3	<3	3	.01	.017	18	24	.02	193	<.01	<3	.32	.01	.23	10	4314.5
ZR-168	4	52	2360	111	2.8	1	<1	31	2.28	<2	<8	3	12	4	.5	<3	<3	4	<.01	.018	33	13	.03	89	<.01	<3	.40	.01	.30	7	1913.8
ZR-169	4	12	192	200	.5	6	1	47	1.04	<2	<8	<2	6	1	1.6	<3	<3	2	<.01	.009	23	24	.02	66	<.01	<3	.28	.01	.19	10	503.5
ZR-170	2	10	23	8	.4	6	5	262	1.80	3	<8	<2	9	3	<.5	<3	<3	2	<.01	.021	28	15	.02	60	<.01	<3	.34	.01	.23	5	781.8
ZR-171	2	8	13	7	.4	6	2	76	1.77	4	<8	<2	10	5	<.5	<3	<3	5	.01	.031	39	14	.04	172	<.01	<3	.54	.01	.37	4	472.2
ZR-172	2	6	117	22	.4	4	2	113	1.18	3	<8	<2	4	1	<.5	<3	<3	2	.01	.006	14	23	.02	62	<.01	<3	.20	.01	.15	10	124.4
ZR-173	3	4	20	5	<.3	80	127	48	3.25	8	<8	<2	<2	20	<.5	<3	4	3	1.03	.535	6	32	.04	187	<.01	7	.38	.02	.18	15	15.2
RE ZR-173	4	4	19	5	<.3	80	126	53	3.23	9	<8	<2	<2	20	<.5	<3	<3	4	1.03	.532	5	30	.04	187	<.01	7	.38	.01	.17	15	14.2
ZR-174	2	5	58	3	.7	95	201	34	3.64	11	<8	<2	2	6	<.5	<3	5	4	.26	.154	15	24	.02	57	<.01	3	.21	.01	.12	11	68.4
ZR-175	2	3	6	6	<.3	5	2	28	.93	<2	<8	<2	5	2	<.5	<3	<3	2	<.01	.008	20	20	.02	236	<.01	<3	.33	.01	.23	7	71.2
ZR-176	2	3	3	14	<.3	5	4	55	.98	<2	<8	<2	4	2	<.5	<3	<3	1	.01	.015	16	15	.02	528	<.01	<3	.29	<.01	.20	7	233.3
ZR-177	3	2	4	23	<.3	8	2	75	1.35	<2	<8	<2	18	4	<.5	<3	<3	4	.02	.020	38	22	.05	47	<.01	3	.46	.03	.24	7	22.7
ZR-178	2	3	59	48	<.3	5	4	33	1.33	<2	<8	<2	8	4	<.5	<3	<3	2	.05	.034	15	13	.08	162	<.01	<3	.49	.04	.17	5	16.7
ZR-179	5	3	23	123	<.3	7	3	63	1.23	4	<8	<2	12	3	.9	<3	<3	3	.03	.010	28	26	.05	42	<.01	3	.45	.03	.19	9	18.1
ZR-180	3	4	23	14	<.3	5	2	67	.66	2	<8	<2	5	1	<.5	<3	<3	2	.01	.006	15	24	.02	21	<.01	<3	.24	.04	.08	11	10.8
ZR-181	3	6	5	8	<.3	7	2	73	.92	11	<8	2	6	1	<.5	<3	<3	2	<.01	.014	32	22	.02	26	<.01	<3	.34	.01	.22	8	336.2
ZR-182	2	3	8	15	.3	8	4	85	1.77	3	<8	<2	6	2	3.1	<3	<3	2	.03	.026	19	17	.03	109	<.01	<3	.40	<.01	.28	7	[illegible]

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
ZR-183	2	4	4	6	<.3	7	3	65	1.56	3	<8	<2	4	4	<.5	<3	4	2	.01	.006	10	16	.02	84	<.01	<3	.21	<.01	.16	7	328.3
ZR-184	3	5	5	4	.5	12	4	59	1.56	<2	<8	3	3	1	.9	<3	<3	<1	.01	.008	6	25	.02	54	<.01	<3	.21	.01	.12	11	2084.6
ZR-185	5	5	19	4	.3	5	2	78	.96	<2	<8	<2	3	1	<.5	<3	<3	1	<.01	.007	10	26	.02	23	.01	<3	.18	.01	.12	12	402.9
ZR-186	1	4	3	4	<.3	5	1	27	1.04	2	<8	<2	6	4	<.5	<3	<3	3	.01	.019	16	14	.03	158	<.01	<3	.32	.02	.22	5	263.8
ZR-187	6	6	147	5	1.5	5	1	90	1.06	3	<8	<2	6	1	<.5	<3	5	1	.01	.008	14	22	.02	18	<.01	<3	.24	<.01	.16	11	821.0
ZR-188	3	3	13	4	.5	5	1	29	.91	4	<8	4	7	1	<.5	<3	<3	1	<.01	.007	26	20	.02	37	<.01	<3	.32	<.01	.24	7	4504.6
ZR-189	5	62	7	4	<.3	8	4	69	1.61	2	<8	<2	2	<1	<.5	<3	<3	1	<.01	.013	4	30	.01	9	<.01	<3	.11	<.01	.08	16	343.6
ZR-190	5	6	48	4	.9	13	2	78	1.70	26	<8	<2	<2	1	.8	<3	4	<1	<.01	.003	1	47	.01	5	<.01	<3	.04	<.01	.02	23	33.8
ZR-191	2	7	3	22	<.3	6	3	153	2.79	4	<8	<2	<2	9	<.5	<3	<3	12	.14	.095	<1	28	.02	10	<.01	<3	.06	<.01	.02	16	124.1
ZR-192	3	12	27	9	<.3	10	5	341	1.67	3	<8	<2	3	1	<.5	<3	<3	3	<.01	.015	10	27	.02	45	<.01	<3	.17	.01	.12	11	269.5
ZR-193	2	25	17	13	.4	14	8	339	2.90	5	10	2	12	1	<.5	<3	<3	2	<.01	.051	38	22	.01	95	<.01	<3	.21	.01	.15	9	909.9
ZR-194	1	46	14	21	.5	11	9	382	3.44	5	<8	7	17	2	<.5	<3	<3	2	<.01	.050	66	14	.02	137	<.01	<3	.41	<.01	.28	4	5592.9
ZR-195	2	5	5	4	<.3	6	3	80	.90	2	<8	<2	3	1	<.5	<3	<3	1	.02	.018	9	29	.01	22	<.01	<3	.14	<.01	.10	12	151.6
ZR-196	2	5	9	6	<.3	8	2	132	1.17	<2	<8	<2	10	1	<.5	<3	<3	2	<.01	.014	18	31	.03	120	<.01	<3	.33	<.01	.23	8	811.7
ZR-197	1	4	11	5	<.3	6	3	81	1.01	2	<8	<2	9	7	<.5	<3	<3	2	.09	.061	26	21	.03	297	<.01	<3	.29	.01	.23	8	116.1
ZR-198	6	14	32	43	.6	9	3	366	1.25	6	<8	<2	4	3	<.5	<3	4	2	.02	.012	9	30	.12	121	<.01	<3	.31	.01	.17	12	112.2
S1	<1	1	<3	1	<.3	<1	<1	3	.03	<2	<8	<2	<2	2	<.5	<3	<3	1	.09	<.001	<1	2	<.01	2	<.01	<3	.01	.48	.01	13	<.2
ZR-200	1	4	18	77	<.3	11	12	1432	2.97	<2	<8	<2	10	2	<.5	<3	<3	2	.01	.055	26	13	.05	266	<.01	<3	.34	.01	.23	4	2.4
ZR-201	2	192	8	9	1.6	6	7	1180	1.67	<2	<8	<2	10	4	<.5	<3	<3	3	<.01	.025	26	15	.03	94	<.01	<3	.40	.01	.28	4	1937.1
ZR-202	1	11	20	10	1.0	6	3	273	2.35	<2	<8	<2	10	3	<.5	<3	<3	3	<.01	.023	8	8	.02	844	<.01	<3	.32	<.01	.26	2	1034.6
ZR-203	2	5	7	6	<.3	4	2	108	.62	2	<8	<2	11	1	<.5	<3	<3	2	<.01	.009	33	16	.02	59	<.01	<3	.33	.01	.24	4	412.0
ZR-204	1	6	25	6	<.3	2	1	84	1.20	3	<8	<2	7	3	<.5	<3	<3	2	<.01	.023	25	12	.02	42	<.01	<3	.27	<.01	.21	3	374.2
ZR-205	1	9	7	11	<.3	5	2	136	1.66	4	<8	3	14	3	<.5	<3	<3	3	<.01	.039	55	10	.03	96	<.01	<3	.44	<.01	.30	2	1045.9
ZR-206	1	6	5	11	<.3	3	1	31	1.33	<2	<8	3	5	1	<.5	<3	<3	2	<.01	.024	23	11	.02	27	<.01	<3	.27	<.01	.18	3	959.8
ZR-207	3	6	46	10	<.3	4	2	250	.87	2	<8	<2	8	1	<.5	<3	<3	2	.01	.017	23	20	.02	64	<.01	<3	.31	<.01	.24	5	85.2
ZR-208	1	7	26	19	<.3	4	4	433	1.23	<2	<8	<2	9	7	<.5	<3	<3	2	.12	.034	21	11	.05	101	<.01	<3	.34	.02	.26	3	1392.0
ZR-209	2	11	58	9	1.3	6	2	148	1.11	<2	<8	3	5	5	<.5	<3	<3	2	<.01	.016	18	17	.02	661	<.01	<3	.30	.01	.23	5	3059.3
ZR-210	3	9	43	57	<.3	9	8	651	2.39	3	<8	<2	6	33	<.5	<3	<3	3	.03	.042	21	17	.03	2203	<.01	<3	.29	.01	.23	5	380.6
ZR-211	4	35	53	9	1.0	10	10	150	2.71	5	<8	9	15	5	<.5	<3	<3	4	.02	.021	32	24	.02	381	<.01	4	.28	.01	.22	6	12238.7
ZR-212	2	5564	644	46	28.7	9	7	258	1.50	11	<8	77	<2	32	1.0	5	23	4	1.25	.009	1	21	.61	56	<.01	4	.03	<.01	.02	7	39597.4
ZR-213	3	37	12	23	<.3	9	25	145	3.10	7	<8	<2	7	1	<.5	<3	<3	3	<.01	.012	29	17	.03	23	<.01	<3	.34	<.01	.23	4	24.1
ZR-214	3	49	282	70	6.4	41	57	842	7.19	21	9	<2	4	1	<.5	<3	14	4	<.01	.011	6	21	.03	46	<.01	3	.11	.01	.08	6	1252.1
ZR-215	3	17	16	13	<.3	8	4	78	1.39	3	<8	<2	6	3	<.5	<3	<3	2	.01	.014	21	21	.01	24	<.01	<3	.21	.05	.09	6	7.2
ZR-216	2	6	11	7	<.3	6	4	225	1.54	2	<8	<2	5	12	<.5	<3	<3	2	.27	.021	11	15	.11	131	<.01	<3	.25	.02	.16	4	26.3
ZR-217	<1	163	<3	198	<.3	48	37	1581	7.53	120	12	<2	2	83	.7	<3	<3	29	5.57	.102	4	14	2.84	61	<.01	5	.37	.03	.21	9	7.4
ZR-218	2	9	19	74	<.3	4	3	82	1.39	41	<8	<2	9	4	<.5	<3	<3	3	.05	.009	28	14	.04	181	<.01	<3	.31	.03	.19	7	179.8
ZR-219	2	5	6	15	<.3	9	5	107	1.45	4	<8	<2	8	4	<.5	<3	<3	4	.02	.010	20	18	.03	160	<.01	<3	.30	.05	.18	5	9.0
ZR-220	2	7	13	9	<.3	11	7	94	2.69	48	<8	<2	9	5	<.5	<3	<3	6	.04	.045	25	17	.03	142	<.01	<3	.31	.01	.22	5	24.0
RE ZR-220	1	6	10	8	<.3	12	6	97	2.55	45	<8	<2	8	4	<.5	<3	<3	5	.04	.042	24	16	.02	153	<.01	<3	.29	.01	.21	5	24.7
ZR-221	3	5	78	45	<.3	7	2	58	2.06	59	<8	<2	4	1	<.5	<3	<3	2	<.01	.009	12	28	.03	18	<.01	<3	.31	.01	.08	9	1601.3
ZR-222	4	22	24148	227	158.2	4	1	58	.94	7	<8	<2	<2	3	5.4	54	103	1	<.01	.011	1	35	<.01	36	<.01	<3	.03	<.01	.01	12	551.9
ZR-223	3	4	380	13	1.2	10	3	131	1.57	9	<8	<2	4	2	<.5	<3	<3	2	.01	.028	15	28	.01	35	<.01	<3	.23	.01	.14	8	14.1

ACME ANALYTICAL

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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
ZR-501	2	66	32	37	2.6	8	4	300	6.07	3	<8	3	16	15	<.5	<3	<3	4	.01	.154	27	12	.02	149	<.01	<3	.37	.01	.27	2	4115.0
ZR-502	3	5	4	23	<.3	7	5	603	2.22	6	9	<2	9	4	<.5	<3	<3	8	.01	.053	19	33	.03	224	<.01	<3	.43	<.01	.13	4	41.0
RE ZR-502	3	5	5	35	<.3	8	4	604	2.20	5	<8	<2	9	4	<.5	<3	<3	8	.01	.053	19	31	.03	225	<.01	<3	.42	<.01	.13	4	49.0
ZR-503	3	6	422	9	1.2	4	1	186	.75	<2	<8	<2	4	1	<.5	<3	<3	2	<.01	.013	16	29	.02	25	<.01	<3	.20	.01	.15	9	2.7
ZR-504	2	3	60	6	<.3	4	2	75	1.90	8	<8	<2	4	5	<.5	<3	<3	3	<.01	.009	18	16	.02	137	<.01	<3	.23	.02	.21	5	1036.0
ZR-505	2	5	76	6	.5	1	1	80	3.09	33	<8	4	6	4	<.5	<3	<3	3	<.01	.009	22	14	.02	222	<.01	<3	.27	.01	.23	4	2485.4
ZR-506	3	4	50	13	1.5	3	1	74	2.69	28	<8	12	6	2	<.5	<3	<3	3	<.01	.025	32	16	.02	99	<.01	<3	.35	.01	.26	5	13774.1
ZR-507	2	5	104	5	<.3	3	1	79	1.83	16	<8	3	6	5	<.5	<3	<3	3	<.01	.040	21	17	.02	167	<.01	<3	.24	.01	.21	6	1113.1
ZR-508	4	3	29	3	<.3	3	<1	56	.84	21	<8	<2	2	4	<.5	<3	<3	1	<.01	.008	17	23	.02	193	<.01	<3	.21	<.01	.19	6	1463.9
ZR-509	5	8	70	6	1.3	2	1	68	1.83	6	<8	<2	5	5	<.5	<3	<3	3	<.01	.015	25	19	.02	260	<.01	<3	.26	.01	.20	5	376.7
ZR-510	3	2	11	10	<.3	5	3	197	.91	3	<8	<2	8	3	<.5	<3	<3	3	<.01	.016	31	17	.02	309	<.01	<3	.27	.02	.20	4	9.4
ZR-511	2	2	24	6	<.3	3	2	60	1.52	6	<8	<2	9	1	<.5	<3	<3	4	<.01	.022	36	12	.02	88	<.01	<3	.31	.01	.25	3	91.7
STANDARD DS4	7	123	34	154	<.3	35	12	829	3.16	24	<8	<2	4	31	5.0	5	5	76	.55	.097	18	169	.60	148	.10	<3	1.78	.04	.18	4	26.6
ZR-512	4	2	29	5	.5	4	1	50	2.92	6	<8	<2	7	16	<.5	<3	<3	3	<.01	.041	25	15	.03	742	<.01	<3	.39	<.01	.34	6	995.0
ZR-513	2	6	106	4	1.2	3	1	17	3.42	15	<8	5	5	7	<.5	<3	<3	2	<.01	.022	24	11	.02	401	<.01	<3	.28	.01	.27	4	4076.0
ZR-514	2	3	6	21	<.3	10	5	168	1.66	2	<8	<2	10	3	<.5	<3	<3	3	.03	.034	33	17	.03	79	.01	<3	.34	.02	.24	7	60.9
ZR-515	3	8	15	11	<.3	6	3	168	1.44	2	<8	<2	6	3	<.5	<3	<3	1	.01	.022	19	20	.01	26	<.01	<3	.16	.03	.06	9	75.1
ZR-516	3	4	17	6	.4	6	4	89	1.83	6	<8	<2	5	2	<.5	<3	<3	2	<.01	.015	16	18	.02	69	<.01	<3	.31	.01	.23	7	961.0

Data N FA ____

PART B

GAR PROPERTY ASSESSMENT REPORT – GEOLOGICAL AND GEOCHEMICAL

GAR PROPERTY

GAR 1 THROUGH 199

NTS 082F/09

Latitude 49° 31′   Longitude 116° 09′W

Owner – National Gold Corp.
600- 890 West Pender St.
Vancouver, B.C.
V6C 1J9

Operator – Same as above

Consultant – Anderson Minsearch Consultants Ltd.
3205 6th. St. South
Cranbrook, B.C.
V1C 6K1

Author – Douglas Anderson, P.Eng., Geological Engineer

Submitted – September/03

PART B

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PART B

GEOLOGICAL AND GEOCHEMICAL REPORT ON THE GAR PROPERTY

1.0 Introduction
The Gar property is a large block of north-northeast oriented claims located over moderate relief, centered about 25 kilometres southwest of Kimberley,B.C. The claims occupy the Angus Creek drainage and part of the Hellroaring Creek drainage with elevations ranging from 1000 to 2400 metres. The area has bee extensively logged affording good access to most areas but considerable relief and distance has to be traversed on certain portion of the property. Access is gained from the St.Mary river logging road or the St.Mary Lake road west from Highway 95 up the major St.Mary river valley. Secondary logging roads leave the above roads into the Angus Creek and Hellroaring Creek drainages. A Location map is included as Figure 1.

1.10 Property Definition, History and Background Information
The Gar property for the purposes of this report consists of the following claims:
All claims are one unit. A few claim names are repeated.

Claim Names	Record #	Anniversary Date
Gar 1 – 8	395915-395922	2003/08/08
Gar 9 – 18	388987-388936	2003/08/10+18
Gar 19-36	389393-389410	2003/08/25+26
Gar 37-54	389366-389383	2003/08/28
Gar 55-63	389411-389419	2003/08/29
Gar 70-97	395543-395570	2003/07/23
Gar 98-117	396613-396632	2003/09/11+12
Gar 118-134	396596-396612	2003/09/14+15
Gar 133-159	397541-397567	2003/10/15+16
Gar 160-162	397629-397631	2003/10/20-22
Gar 178	397622	2003/10/22
Gar 163-199	397568-397621	2003/10/18-24

The Gar claims cover an area that has not been extensively explored at any time. Active exploration, particularly for gold has been more confined to the adjacent Perry Creek drainage where placer gold and gold indications in bedrock have been pursued at various times. Exploration in the St.Mary/Angus/Hellroaring Creek drainage system has been for lead/zinc of the Sullivan deposit type and therefore in older rocks of the Purcell Supergroup. Recorded exploration work has focused mostly on the Leader Group which occurs on the north end of the Gar Property. The geology and focus here is as follows. A granodiorite stock has intruded rocks of the Creston and Kitchener Formations. The intrusion is a leucocratic, porphyritic and non-porphyritic body with only modest alteration noted in outcrop. The main interest was the Leader quartz vein a 15cm to 1 metre thick vein traced over 600 metres in length. Samples for gold ranged from trace to 4.8 oz/ton gold with associated galena, sphalerite and chalcopyrite. The vein appears to

occupy a shear zone which juxtaposes Creston against Kitchener Formation rocks with the intrusion proximal. The vein strikes approximately north-south and dips east at 68 to 80 degrees.
The Gar claims were acquired as part of a prospecting/rock sampling campaign conducted by Super Group Holdings Ltd. in the East Kootenay region. Recognition of a geological environment permissive for gold mineralization and encouraging analytical results for grab samples led to staking.

1.20 Summary of Work Done
During 2002 a variety of work was initiated on the Gar claim block and adjacent claims. Principally in pursuit of gold, Super Group Holdings completed more prospecting and rock sampling; geological mapping; stream sampling both for silts and heavies; and some initial soil geochem work was started.

2.00 Geological Mapping
The mapping program initiated in 2002 was aimed at providing a regional background on the geology, while starting to evaluate a few specific areas. In hand mapping consisted of GSC mapping: St.Mary Lake by G.B.Leech (Map 15-1957) and Grassy Mountain by J.E. Reesor (Map O.F. 820). These were used as an information base for mapping at 1:10,000 scale over a forty square kilometer area.

The overall regional setting is as follows. The Gar claims are within the Moyie structural block which is a northeast-trending block of ground between two major reverse faults – the St.Mary and Moyie faults. This block, moreso than others in the Purcell Anticlinorium, has apparently been rotated clockwise exposing the deepest stratigraphic level of Lower Aldridge Formation rocks in a northeast-southwest orientation. Overall the sedimentary rocks young to the northwest/west but at various stratigraphic levels the sequence is repeated by reverse faults. Across the Gar alone there a number of younging sequences from east to west. The Gar is underlain by predominantly Mesoproterozoic sedimentary rocks of the Creston and Kitchener Formations. These are dominantly light colored, grey to green, fine clastic rocks succeeded by darker colored, silty argillaceous rocks mixed with carbonates. Granitic intrusions were known to be present in the area and now more have been located. These form small stocks and elongate bodies trending northeast on the property. Structurally the geology is dominated by northeast-trending fault panels. The faults are predominantly reverse faults sympathetic to the bounding major faults. There is small to medium-scale folding which seems restricted to ground adjacent to faults.

The sedimentary sequence is worthy of discussion, as the nature of the rocks does influence the potential for mineralization along with other factors of course. The lowest sedimentary rocks exposed on the property are towards the base of the Creston Formation. The Middle Creston is a grey to greenish weathering sequence dominated by thin to thick bedded, fine-grained quartzitic wackes to quartz wackes. Interbedded argillites are laminated to thin-bedded rocks. Sedimentary features include flame structures, graded bedding, cross-bedding and lenticular bedding. Fresh the quartzites vary from grey to green to mauve colors with shallow water depositional conditions dominant. The overlying Upper Creston is greenish-grey to green argillite sequence with some intermixed siltstones. Thin and wavy bedded, these rocks form a transition to the rocks above. The Kitchener Formation has basically two divisions. The lower division is not as well exposed but is green weathering argillite and siltstone which are thin bedded. Characteristic of Kitchener is presence of carbonate and this shows as buff weathering interbeds of dolomitic siltsone. The upper portion of the Kitchener is a darker grey to black or buff weathering thin bedded succession of argillite, carbonate, and dolomitic siltstone.

These sedimentary rocks have been intruded by granitic-type intrusions such as the Leader stock in the north and the Angus Creek stock in mid-property. Other similar but smaller bodies of intrusive rocks have been located on the property. It is important to note that the intrusions are aligned along the northeast structural fabric as if emplaced along some of the faults. The Leader stock has been dated as Cretaceous. The intrusions are granodiorites or quartz monzonites which are leucocratic, medium to coarse-grained, containing plagioclase, quartz, orthoclase, biotite, and sericite in order of abundance. Petrographic work on a few samples shows lesser epidote, chlorite, apatite and zircon with minor pyrite, hematite, and leucoxene. Near the contact with the sediments locally, these intrusions can be more altered including: coarse phases (almost pegmatitic)with increased K-feldspar; sericitization of the plagioclase; muscovite; and chlorite after biotite. There is an increase in quartz veining, silicification, and alteration of the sediments as well.

Alteration of the sedimentary or intrusive rocks is quite restricted to intrusion contacts or the rocks adjacent to some faults with one exception. A portion or all of the Upper Kitchener appears in outcrop as a white and green siliceous calc-silicate rock. This "skarn" is peculiar in that it forms a linear zone along a strike length of at least 6 kilometres. Adjacent to intrusion at some locales there are significant lengths of the alteration which are lineary distant from intrusion. Petrography on these rocks indicate they are fine-grained, thin-laminated/streaky, siliceous calc-silicate rocks. Interestingly the texture is mylonitic but with some recrystallization subsequent to the crushing. Primarily quartz, the rock also contains diopside, tremolite-actinolite, phlogopite, epidote, and dolomite. At this time, what this alteration unit represents is somewhat enigmatic.

From an economic geology point of view the Gar property is in its early stages. The principal focus has been the Leader shear vein described earlier in the history section. During the eighties the occurrence was drilled with several short holes achieving only narrow, mineralized quartz veins down dip of the surface showing with little grade encouragement. No further evaluation has taken place since. Super Group work on the Gar area has demonstrated significant gold occurs in quartz vein material in different geological settings. Values up to 15 grams/tonne have resulted from grab sampling. Some of the more interesting gold values occur in areas of sheeted quartz veins adjacent to the Angus Creek stock. Quartz vein networks have been noted within and peripheral to the intrusion as well.

3.00 Geochemical Report

3.10 Rock Geochem

Most of the rock geochem sampling and analytical work was completed in 2001. Some additional sampling was done in 2002 but on a limited basis (see included map). There is sufficient sampling done over a large enough area to demonstrate that gold is present on a widespread basis and in interesting quantities. The Gar evidently includes gold from several geological situations – ie different deposit types possible. All rocks have been individual grab samples taken to test a specific specimen. The analytical work was done by Eco Tech Laboratory Ltd. where the rock was crushed to -10 mesh; a subsample is taken; it was pulverized to -140 mesh; a split is digested in aqua-regia and ICP done.

This years sampling did not detect additional gold of interest. Collectively the results show the gold to have several different pathfinder elements associated. They may vary from location to location depending on the geological setting. Lead and silver are consistent in their association. Additional elements include bismuth, arsenic ± molybdenum ± copper.

3.20 Soil Geochem

Later in the field season a soil sampling program was initiated. This was viewed as the beginning phase of a more exhaustive soil campaign the following year, especially for the contour lines.

A soil grid was attempted over the Angus Creek stock with limited success in sampling because of outcrop/a lack of soil, so the coverage is incomplete and erratic. Some results were positive with several zones of anomalous gold in soil with values from 10ppb to 195ppb. Lead is weakly anomalous. There isn't enough detailed coverage to make any other interpretations. The soils were analyzed by ICP after the soils were dried, sieved to -80 mesh and a subsample digested in aqua-regia.

Two contour lines were started in 2002 with a long line along the west side of Angus Creek and a shorter line across the GM area. The samples were collected during the year but analytical work was done later.

3.30 Stream Sampling

A program of stream sampling was undertaken over the property and adjacent ground to help define sources for gold and associated mineralization. It was determined that both a silt sample and a heavy sample would be advantageous. The heavies were large samples (three five gallon pails) taken from selected traps which were then run over a sluice box with retained material collected and panned down to heavies. These were examined by microscope then sent for analysis at Eco Tech labs in Kamloops, B.C. A total of thirty-seven samples were processed in this manner with analysis by assay. The pan concentrate was dried; pulverized entire sample (to 250g) to -140 mesh; then < 30g were fire assayed with an AA finish. The silt samples were analyzed using ICP.

The results are certainly encouraging with values in the silts to 265 ppb gold with nine of the silts distinctly anomalous. RGS samples also show anomalous gold in stream silts in the area. Erratically associated are lead, bismuth, and molybdenum. The heavies are significant with gold values up to 208 g/t. Attaching relative significance to gold values achieved is more difficult/impossible.

4.00 Summary and Conclusions

A multi-phase exploration program was launched on the Gar Property, a set of claims located about 25 kilometres southwest of Kimberley, B.C. in the East Kootenay region of B.C. The exploration was focussed mainly for gold as the geology and stream silts from the RGS indicated potential. Most of the work was done in the June through November period of 2002.

The geological mapping completed was reconnaissance in nature yet is plotted on a scale of 1:10,000. Mainly run as traverses spaced along available ridges, the framework geology is a good basis upon which to add detail and look for specific targets. The rocks are mainly Mesoproterozoic sediments of the Creston and Kitchener Formations. The fine-grained clastics of the Creston, especially the Middle Creston provide good competent sequences of quartzitic rocks which react in a brittle fashion to the numerous faults on the property. The overlying Kitchener rocks are fine-grained, more argillaceous rocks with included carbonate so they are reactive and deform more plastically. So there is a competency contrast on a formational basis. The upper Kitchener is skarnified along a significant strike length where the rock is now a white, siliceous, banded, streaked sediment with greenish interbeds of calc-silicates. This rock is in part a result of the intrusion of several "granitic" stocks along the length of the property. These small stocks and apophyses are granodiorite to quartz monzonite and show some alteration phases near their borders. These intrusions are controlled by the predominantly northeast-trending faults which have effectively repeated the westerly younging stratigraphy several times across the width of the property.

Gold potential is indicated by numerous grab samples of outcrops. Values to 15g/t have been achieved in small grabs. There are several zones with significant concentrations of quartz veining and alteration, sometimes containing visible galena and gold. The Leader shear vein at the north end of the Gar is the only area to be previously explored. Potential for gold is also supplied by stream sediment samples taken by the government and by National Gold during its work. Streams were sampled for silts and heavies and provide numerous positive indications for gold. A limited amount of soil sampling was completed, most of the samples were analyzed post this program.

The Gar property has excellent potential for gold deposits, perhaps of two different types – a structurally-hosted shear vein and or intrusion-related gold. The property is still in its grassroots stage with additional mapping, soil sampling, and trenching needed to develop targets then diamond drilling to test for continuity and grade.

5.00 Itemized Cost Statement of Expenditures
Please refer to the Cost Statement of Part A for a breakdown of the overall costs for both parts of the project.

6.00 Author's Qualifications

I, Douglas Anderson, Consulting Geological Engineer, have my office at 3205 6th. St. South in Cranbrook, B.C., V1C 6K1.

I graduated from the University of British Columbia in 1969 with a Bachelor of Applied Science in Geological Engineering.

I have practiced my profession since 1969, predominantly with one large mining company, in a number of capacities all over Western Canada and currently within southeastern B.C. as a mineral exploration consultant.

I am a Registered Professional Engineer and member of the Association of Professional Engineers and Geoscientists of B.C., and I am authorized to use their seal which has been affixed to this report.

I am also a Fellow of the Geological Association of Canada.

Dated this 7th day August, 2002

Douglas Anderson, P.Eng., B.A.Sc., FGAC
Consulting Geological Engineer

Appendix A – Stream Silts.

7-Oct-02

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2002-381

NATIONAL GOLD CORPORATION
600-890 West Pender Street
Vancouver, BC
V6C 1J9

ATTENTION: J. McDonald

No. of samples received: 39
Sample Type: Soil/Silt
Project #: Gar-Lov
Shipment #: None Given
Samples submitted by: D.L. Pighin

Values in ppm unless otherwise reported

Et #.	Tag #	Mesh Size	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	S-1		15	<0.2	1.63	10	35	<5	0.68	<1	30	30	30	3.25	30	0.60	981	<1	0.02	40	690	32	<5	<20	24	0.07	<10	16	<10	24	102
2	S-2	-48	<5	<0.2	1.72	<5	90	<5	0.57	1	61	15	54	1.38	60	0.19	2428	6	0.02	47	1130	52	<5	<20	45	0.06	<10	11	<10	21	94
3	S-3		<5	0.2	1.82	<5	45	<5	0.53	<1	26	33	33	2.95	30	0.62	754	1	0.02	40	810	30	<5	<20	19	0.06	<10	17	<10	14	84
4	S-4		5	0.2	1.39	<5	65	<5	0.37	1	48	18	16	2.05	20	0.37	1261	5	0.02	32	920	32	<5	<20	17	0.05	<10	10	<10	16	59
5	S-5		<5	<0.2	0.99	<5	115	<5	0.39	<1	5	12	7	0.99	10	0.63	91	<1	0.02	10	510	18	<5	<20	6	0.03	<10	8	<10	5	26
6	S-6	-42	45	<0.2	0.64	<5	90	<5	0.14	<1	6	9	182	1.10	10	0.64	241	<1	0.01	9	260	14	<5	<20	3	0.03	<10	4	<10	2	71
7	S-7		<5	0.2	1.12	<5	220	<5	0.47	<1	7	13	16	1.26	10	0.75	849	<1	0.01	12	560	12	<5	<20	9	0.04	<10	7	<10	7	36
8	S-8		<5	<0.2	0.85	<5	95	<5	0.41	<1	8	14	10	1.11	<10	0.76	340	<1	0.01	11	390	10	<5	<20	15	0.03	30	6	<10	4	32
9	S-9		<5	0.2	1.22	<5	185	<5	0.34	<1	7	14	20	1.31	20	0.77	1010	<1	0.01	13	560	20	<5	<20	9	0.06	<10	10	<10	19	41
10	S-10		<5	0.2	1.04	<5	85	<5	0.34	<1	6	13	15	1.18	10	0.78	411	<1	0.01	14	420	12	<5	<20	8	0.03	10	8	<10	6	36
11	S-11		<5	<0.2	1.60	5	40	<5	0.31	<1	6	17	8	1.54	10	1.70	504	<1	0.01	13	460	20	<5	<20	<1	0.03	<10	10	<10	8	40
12	S-12	-48	<5	<0.2	0.68	<5	70	<5	0.15	<1	5	12	20	1.12	10	0.93	435	<1	0.01	10	350	10	<5	<20	2	0.03	<10	6	<10	4	31
13	S-13		<5	<0.2	1.34	5	160	<5	0.64	<1	7	16	21	1.55	10	1.08	873	<1	0.01	15	610	22	<5	<20	6	0.04	<10	9	<10	10	50
14	S-14		200	<0.2	0.93	<5	135	<5	0.34	<1	5	12	9	1.05	10	0.50	388	<1	0.01	10	670	14	<5	<20	6	0.03	10	7	<10	7	35
15	S-15		265	<0.2	2.47	<5	65	10	0.40	1	36	40	22	3.87	30	0.66	1266	17	0.02	42	760	38	<5	<20	30	0.09	<10	21	10	12	143
16	S-16		10	<0.2	1.64	<5	120	<5	0.43	<1	7	16	14	1.51	20	0.98	438	<1	0.01	18	750	20	<5	<20	8	0.04	<10	8	<10	13	50
17	S-17		<5	<0.2	1.27	<5	120	<5	0.67	<1	6	13	15	1.20	20	0.67	628	<1	0.02	10	760	18	<5	<20	35	0.06	10	14	<10	12	33
18	S-18		<5	<0.2	1.68	<5	185	<5	0.48	<1	7	16	16	1.28	20	0.89	465	<1	0.02	12	680	22	<5	<20	13	0.05	<10	12	<10	11	44
19	S-19		20	<0.2	1.23	<5	125	<5	0.55	<1	9	18	10	1.61	10	0.81	367	<1	0.01	15	700	16	<5	<20	7	0.04	20	11	<10	5	33
20	S-20		6	<0.2	1.18	<5	75	<5	1.06	<1	8	18	12	1.59	10	1.03	414	<1	0.02	16	640	26	<5	<20	<1	0.05	<10	14	<10	10	39
21	S-21		10	<0.2	1.34	5	290	<5	0.33	<1	11	20	24	2.07	10	1.22	4676	5	0.01	14	700	18	<5	<20	7	0.10	30	11	<10	9	97
22	S-22		25	<0.2	1.79	<5	120	5	0.78	<1	10	23	15	1.81	10	1.64	514	<1	0.05	17	520	30	<5	<20	3	0.09	<10	20	<10	9	48
23	S-23		55	0.4	1.73	<5	165	<5	0.51	<1	9	14	11	1.68	20	0.46	1398	8	0.02	10	520	130	<5	<20	67	0.08	20	21	<10	12	46
24	S-24		5	0.2	1.32	<5	120	<5	0.40	<1	8	17	14	1.40	20	0.82	484	<1	0.02	12	610	20	<5	<20	21	0.07	<10	15	<10	11	38
25	S-25	-48	<5	<0.2	0.93	<5	45	<5	0.22	<1	8	19	30	1.5[illegible]	10	0.50	304	<1	0.02	12	340	16	<5	<20	7	0.06	20	26	<10	6	46

NATIONAL GOLD CORPORATION

ICP CERTIFICATE OF ANALYSIS AK 2002-361

ECO TECH LABORATORY LTD.

Et #.	Tag #		Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	S-26	-48	<5	<0.2	1.34	<5	85	5	0.49	<1	13	29	43	2.40	20	0.84	352	<1	0.02	21	430	30	<5	<20	6	0.08	<10	25	<10	15	63
27	S-27	-48	6	0.2	1.38	<5	70	<5	0.39	<1	9	27	27	1.82	20	0.57	548	<1	0.02	15	610	30	<5	<20	12	0.06	<10	27	<10	12	61
28	S-28	-48	<5	<0.2	1.21	<5	110	<5	0.24	<1	8	11	8	1.20	20	0.37	472	<1	0.02	10	510	18	<5	<20	11	0.04	<10	11	<10	6	33
29	S-29	-48	<5	<0.2	0.99	<5	115	<5	0.21	<1	7	11	10	1.07	20	0.38	328	<1	0.01	10	400	12	<5	<20	8	0.04	<10	10	<10	10	33
30	S-30	-48	25	<0.2	1.43	<5	120	<5	0.34	<1	10	19	19	1.44	10	1.54	1052	<1	0.02	14	320	66	<5	<20	<1	0.07	<10	14	<10	12	44
31	S-31	-42	<5	0.2	2.13	<5	45	<5	0.14	<1	28	43	60	4.25	20	0.78	880	14	0.02	41	470	24	<5	<20	12	0.09	<10	20	<10	7	116
32	S-32	-42	5	<0.2	0.61	<5	45	<5	0.10	<1	13	8	114	1.17	10	0.52	256	<1	0.01	8	260	14	<5	<20	<1	0.03	<10	4	<10	3	48
33	S-33	-42	<5	0.4	1.17	10	105	<5	0.48	<1	6	13	69	1.34	10	0.80	362	<1	0.01	10	530	18	<5	<20	1	0.03	<10	9	<10	8	57
34	S-34	-48	<5	0.2	1.12	<5	75	<5	0.40	<1	6	12	23	1.09	10	0.49	323	2	0.02	9	420	20	<5	<20	16	0.05	<10	13	<10	7	45
35	S-35	-48	260	<0.2	1.04	<5	75	20	0.34	<1	7	12	17	1.13	10	0.60	269	1	0.02	8	430	18	<5	<20	14	0.05	<10	12	<10	8	41
36	S-1000	-48	<5	0.2	1.32	<5	145	<5	1.06	<1	5	13	29	1.14	<10	0.76	1006	<1	0.02	11	850	16	<5	<20	4	0.04	20	9	<10	15	38
37	S-1001	-48	<5	0.4	0.84	<5	90	<5	0.43	<1	9	14	66	1.61	10	0.57	511	2	0.02	11	810	26	<5	<20	5	0.05	<10	12	<10	10	54
38	S-1002	-48	5	0.2	1.47	<5	165	<5	0.57	<1	10	18	11	1.70	10	0.99	772	<1	0.02	15	660	20	<5	<20	13	0.06	<10	17	<10	6	39
39	S-1003	12	5	<0.2	0.89	<5	165	<5	1.27	<1	6	18	78	1.12	<10	0.55	512	<1	0.02	12	1220	18	<5	<20	16	0.03	40	8	<10	6	36
QC/DATA																															
Repeat:																															
1	S-1		-	<0.2	1.64	20	30	<5	0.64	<1	30	31	28	3.30	20	0.62	919	<1	0.02	39	890	32	<5	<20	21	0.07	<10	16	<10	23	102
7	S-7		20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	S-10		<5	<0.2	1.08	<5	85	<5	0.34	<1	6	13	14	1.19	10	0.81	402	<1	0.01	12	440	14	<5	<20	9	0.03	10	6	<10	6	37
19	S-19		-	<0.2	1.25	<5	125	<5	0.53	<1	9	18	10	1.64	10	0.84	359	<1	0.01	16	680	16	<5	<20	7	0.04	10	11	<10	6	33
20	S-20		<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	S-28		<5	<0.2	1.28	<5	115	<5	0.26	<1	8	11	6	1.25	20	0.38	498	<1	0.02	11	550	18	<5	<20	11	0.05	<10	11	<10	7	35
Standard:																															
GEO '02			120	1.4	1.62	50	135	<5	1.52	<1	19	62	81	3.41	10	0.93	592	<1	0.03	30	650	24	<5	<20	39	0.14	<10	71	<10	9	66
			-	1.6	1.65	50	140	<5	1.56	<1	19	63	83	3.46	10	0.95	606	<1	0.03	30	680	24	<5	<20	40	0.14	<10	72	<10	9	68

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

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Appendix B – Stream Heavies

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

Eco Tech LABORATORY LTD.

10041 Dallas Drive, Kamloops, B.C. V2C 6T4
Phone (250) 573-5700 Fax (250) 573-4557
email: ecotech@direct.ca

CERTIFICATE OF ASSAY AK 2002-362

NATIONAL GOLD CORPORATION
600-890 West Pender Street
Vancouver, BC
V6C 1J9

4-Oct-02

ATTENTION: J. McDonald

No. of samples received: 37
Sample type: Pan-conc
Project #: **Gar-Lov**
Shipment #: **None given**
Samples submitted by: D.L. Pighin

ET #.	Tag # Silts	Au (g/t)	Au (oz/t)
1	H1 -(S1) 15 ppb Au	<0.03	<0.001
2	H2 (S2) <5 ppb Au)	0.03	0.001
3	H3 (S3) <5 ppb Au	2.14	0.062
4	H4 (S4) 5 ppb Au	0.77	0.022
5	H5 (S5) <5 ppb Au	4.17	0.122
6	H6 (S6) 45 ppb Au	30.0	0.875
7	H7 (S7) <5 ppb Au	3.58	0.104
8	H8 (S8) <5 ppb Au	11.3	0.330
9	H9 (S9) <5 ppb Au	8.38	0.244
10	H10 (S10) <5 ppb Au	<0.03	<0.001
11	H11 (S11) <5 ppb Au	0.76	0.022
12	H12 (S12) <5 ppb Au	217	6.328
13	H13 (S13) <5 ppb Au	0.82	0.024
14	H14 (S14) 200 ppb Au	208	6.066
15	H15 (S15) 265 ppb Au	88.9	2.593
16	H16 (S16) 10 ppb Au	101	2.945
17	H17 (S17) <5 ppb Au	10.2	0.297
18	H18 (S18) <5 ppb Au	4.71	0.137
19	H19 (S19) 20 ppb Au	5.34	0.156
20	H20 (S20) 5 ppb Au	2.02	0.059
21	H21 (S21) 10 ppb Au	2.61	0.076
22	H22 (S22) 25 ppb Au	0.27	0.008
23	H23 (S23) 55 ppb Au	4.44	0.129
24	H24 (S24) 5 ppb Au	173	5.045

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

NATIONAL GOLD CORPORTATION AK2-362 4-Oct-02

ET #.	Tag # Sills	Au (g/t)	Au (oz/t)
25	H25 (S25) <5 PPb Au	3.64	0.106
26	H26 (S26) <5 PPb Au	0.56	0.016
27	H27 (S27) 5 PPb Au	13.9	0.405
28	H28 (S26) <5 PPb Au	0.99	0.029
29	H29 (S27) <5 PPb Au	<0.03	<0.001
30	H30 (S30) 25 PPb Au	<0.03	<0.001
31	H32 (S32) 5 PPb Au	4.37	0.127
32	H33 (S33) <5 PPb Au	0.79	0.023
33	H34 (S34) <5 PPb Au	0.35	0.010
34	H35 (S35) 260 PPb Au	7.66	0.223
35	LUV 1	116	3.383
36	LUV 2	0.20	0.006
37	LUV 3	9.91	0.289

QC DATA:
Standard:

PM171	1.44	0.042

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/kk
XLS/02

11-Oct-02

Appendix C – Rock Analyses.

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2002-377

NATIONAL GOLD CORPORATION
600-890 W. Pender Street
Vancouver, BC
V6C 1J9

ATTENTION: J. McDonald

No. of samples received: 11
Sample Type: Rock
Project #: Gar
Shipment #: 3 (2002)
Samples submitted by: D. Anderson

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	DA GAR	110	0.4	0.31	<5	170	<5	2.55	<1	3	90	300	1.07	10	0.10	2174	3	0.03	10	760	22	<5	<20	61	0.05	<10	6	<10	10	24
2	DA 234 – Lov	<5	<0.2	5.77	<5	10	<5	3.69	<1	31	138	87	5.80	20	1.23	173	<1	0.53	61	1140	46	<5	<20	153	0.08	<10	70	<10	5	29
3	DA 305	<5	<0.2	0.52	<5	85	<5	0.07	<1	3	80	2	1.01	20	0.22	192	1	0.05	3	160	16	<5	<20	10	0.06	<10	27	<10	8	30
4	DA 368A	<5	<0.2	1.25	<5	25	<5	1.88	<1	6	60	11	0.80	10	0.83	80	<1	0.08	12	570	14	<5	<20	14	0.10	<10	14	10	13	25
5	DA 368B	<5	<0.2	0.98	<5	25	<5	1.17	<1	4	47	4	0.67	20	0.63	70	<1	0.07	9	550	12	<5	<20	<1	0.08	<10	11	<10	12	17
6	DA 394	<5	<0.2	2.19	<5	45	5	1.49	<1	7	35	<1	0.80	<10	0.81	333	<1	0.21	15	540	20	<5	<20	18	0.08	<10	5	<10	9	31
7	DA 400	<5	<0.2	1.53	<5	120	<5	0.78	<1	12	80	52	1.45	10	1.24	233	<1	0.04	18	470	14	<5	<20	<1	0.11	<10	18	<10	13	38
8	DA 403	<5	<0.2	0.82	<5	50	<5	2.24	<1	6	89	89	1.03	<10	0.27	209	2	0.06	12	120	16	<5	<20	<1	0.05	<10	9	<10	6	22
9	DA 403A	<5	<0.2	2.04	<5	200	<5	1.60	<1	12	88	30	2.22	10	1.22	208	<1	0.11	21	230	18	<5	<20	9	0.15	<10	26	<10	10	42
10	DA403B	15	<0.2	1.79	<5	180	5	0.74	<1	12	102	40	2.21	10	1.09	154	<1	0.11	17	270	14	<5	<20	1	0.13	<10	26	<10	9	42
11	DA403C	<5	<0.2	1.83	<5	190	5	0.51	<1	13	91	18	2.46	10	1.20	120	<1	0.07	19	360	14	<5	<20	1	0.14	<10	24	<10	9	46

QC DATA:

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
Resplit:																														
1	DA GAR	100	0.4	0.31	<5	170	<5	2.60	<1	3	90	294	1.08	10	0.10	2232	3	0.03	10	750	20	<5	<20	58	0.05	<10	6	<10	10	25
Repeat:																														
1	DA GAR	95	0.4	0.32	<5	170	<5	2.58	<1	3	93	293	1.08	10	0.10	2191	3	0.03	10	750	22	<5	<20	59	0.05	<10	6	<10	10	25
Standard:																														
GEO '02		120	1.2	1.59	55	135	<5	1.64	<1	20	64	84	3.69	10	0.93	637	<1	0.04	31	700	24	<5	<20	34	0.12	<10	72	<10	11	77

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/kk
df/373
XLS/02
Fax: 604-687-1327
CC: D. Anderson - 250-489-4963

Appendix D C · Soil Grid

September 11, 2002

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2002-307

Post-it™ Fax Note 7671E | Date Sept 11 | # of pages ▸ 6
To J. McDonald | From
Co./Dept. CC: D. Anderson | Co.
Phone # | Phone #
Fax # | Fax #

NATIONAL GOLD CORPORATION
600-890 W. Pender Street
Vancouver, BC
V2c 1J9

ATTENTION: J. McDonald

No. of samples received: 159
Sample Type: Soil
Project #: Gar
Shipment #: None Given
Samples submitted by: D. Anderson

Values in ppm unless otherwise reported

Et #.	Tag #			Mesh Size	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	L750W	450	N	-48	<5	0.6	2.55	<5	105	5	0.30	<1	7	17	26	1.88	20	0.31	2287	12	0.03	9	1360	84	<5	<20	40	0.07	40	32	<10	15	44
2	L750W	475	N	-42	<5	0.2	2.24	<5	105	10	0.40	<1	8	17	17	2.27	20	0.35	973	17	0.03	8	620	72	<5	<20	82	0.13	30	36	<10	20	53
3	L750W	500	N	-48	<5	<0.2	1.10	<5	135	5	0.08	<1	6	13	16	1.96	10	0.25	639	3	0.02	6	460	44	<5	<20	38	0.11	<10	36	<10	6	39
4	L750W	525	N	-48	<5	<0.2	4.23	<5	110	10	0.10	<1	9	19	19	2.30	<10	0.29	351	3	0.02	11	1240	44	<5	<20	31	0.13	10	33	<10	12	66
5	L750W	550	N	-48	10	<0.2	1.58	<5	135	5	0.11	<1	7	15	10	2.23	10	0.30	921	3	0.02	7	660	26	<5	<20	40	0.13	<10	41	<10	6	51
6	L750W	575	N	-48	26	<0.2	3.25	<5	170	10	0.18	<1	9	20	14	2.49	10	0.37	1477	<1	0.02	10	2210	(34)	<5	<20	37	0.14	<10	37	<10	11	70
7	L750W	600	N	-48	<5	<0.2	1.70	<5	135	10	0.12	<1	8	16	14	2.28	10	0.30	653	2	0.02	6	1250	34	<5	<20	38	0.12	<10	37	<10	7	48
8	L750W	625	N	-48	<5	0.2	3.30	<5	220	10	0.36	<1	12	21	31	2.97	20	0.44	1865	7	0.03	12	1030	84	<5	<20	137	0.15	30	38	<10	23	61
9	L750W	650	N	-48	<5	<0.2	2.34	<5	180	10	0.25	<1	10	18	18	2.50	10	0.47	659	3	0.02	10	1160	38	<5	<20	64	0.14	<10	38	<10	11	61
10	L750W	675	N	-48	15	<0.2	3.08	<5	145	10	0.28	<1	11	20	18	2.74	10	0.47	385	1	0.02	11	1610	50	<5	<20	59	0.15	<10	39	<10	15	74
11	L750W	700	N	-48	10	<0.2	2.26	<5	180	10	0.35	<1	9	18	18	2.81	10	0.48	390	7	0.02	9	2760	40	<5	<20	101	0.12	<10	36	<10	13	60
12	L750W	725	N	-48	15	<0.2	1.80	<5	200	10	0.23	<1	8	16	14	2.30	10	0.49	461	<1	0.02	7	1200	34	<5	<20	47	0.12	<10	38	<10	11	42
13	L750W	750	N	-48	195	<0.2	2.19	<5	130	10	0.20	<1	10	19	16	2.60	10	0.62	402	<1	0.02	9	1150	34	<5	<20	36	0.16	<10	42	<10	11	46
14	L750W	775	N	-48	5	<0.2	1.80	<5	130	10	0.21	<1	9	17	14	2.22	10	0.60	1081	<1	0.02	8	840	26	<5	<20	50	0.14	<10	38	<10	11	42
15	L750W	800	N	-48	<5	<0.2	2.52	<5	150	5	0.33	<1	8	17	20	2.28	10	0.55	413	<1	0.02	8	1720	28	<5	<20	58	0.12	<10	40	<10	16	39
16	L750W	825	N	-48	16	<0.2	2.18	<5	140	5	0.23	<1	9	17	14	2.23	10	0.56	417	<1	0.02	8	1210	24	<5	<20	27	0.14	<10	40	<10	12	40
17	L750W	850	N	-48	5	<0.2	2.85	<5	100	10	0.24	<1	9	20	15	2.44	10	0.53	322	<1	0.02	10	1400	26	<5	<20	15	0.13	<10	40	<10	14	40
18	L750W	875	N	-48	<5	<0.2	4.25	<5	65	10	0.07	<1	7	20	12	2.55	<10	0.16	525	<1	0.03	9	1440	34	<5	<20	5	0.13	<10	37	<10	8	24
19	L750W	900	N	-48	<5	0.4	4.46	<5	30	10	0.04	<1	6	20	11	1.97	<10	0.14	64	<1	0.03	8	970	36	<5	<20	4	0.12	<10	42	<10	8	16
20	L750W	925	N	-48	<5	<0.2	3.60	<5	50	10	0.05	<1	6	18	11	2.04	<10	0.16	82	<1	0.03	8	1070	32	<5	<20	4	0.13	<10	34	<10	7	22
21	L750W	950	N	-65	<5	<0.2	3.32	<5	65	10	0.04	<1	7	18	12	1.75	<10	0.29	125	<1	0.02	8	530	28	<5	<20	5	0.11	<10	28	<10	8	32
22	L750W	975	N	-65	<5	<0.2	1.75	<5	60	5	0.05	<1	5	15	7	1.78	<10	0.24	138	<1	0.02	8	510	20	<5	<20	6	0.10	<10	32	<10	5	24
23	L750N	1025	N	-48	<5	<0.2	2.83	<5	55	5	0.04	<1	6	18	12	1.85	<10	0.33	124	<1	0.02	9	480	24	<5	<20	6	0.11	<10	28	<10	8	34
24	L750N	1050	N	-48	<5	<0.2	1.15	<5	50	10	0.04	<1	6	12	7	1.53	<10	0.22	178	<1	0.02	6	360	20	<5	<20	4	0.13	<10	31	<10	6	27
25	L750N	1075	N	-48	<5	<0.2	3.19	<5	65	10	0.05	<1	9	28	22	2.28	10	0.99	258	<1	0.02	15	390	24	<5	<20	3	0.13	<10	29	<10	8	54

NATIONAL GOLD CORPORATION **ICP CERTIFICATE OF ANALYSIS AK 2002-307** **ECO TECH LABORATORY LTD.**

Et #.	Tag #		Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	L750W 1100 N	-48	<5	<0.2	2.47	<5	30	5	0.04	<1	6	21	15	1.69	<10	0.45	88	<1	0.03	9	470	20	<5	<20	3	0.12	<10	27	<10	6	27
27	L750W 1125 N	-48	<5	<0.2	3.44	<5	20	10	0.08	<1	6	21	7	2.64	<10	0.06	<1	<1	0.03	6	640	30	<5	<20	6	0.14	<10	48	<10	7	12
28	L750W 1150 N	-48	<5	<0.2	2.50	<5	55	10	0.15	<1	9	34	25	2.26	10	1.55	235	<1	0.02	16	190	18	<5	<20	17	0.16	<10	40	<10	9	63
29	L750W 1175 N	-48	<5	<0.2	3.19	<5	30	5	0.03	<1	4	15	8	1.65	<10	0.05	104	<1	0.03	5	700	26	<5	<20	3	0.09	<10	28	<10	6	11
30	L750W 1200 N	-48	<5	<0.2	3.23	<5	25	10	0.07	<1	5	20	8	1.48	10	0.38	46	<1	0.03	8	370	26	<5	<20	7	0.11	<10	27	<10	8	26
31	L750W 1225 N	-48	<5	<0.2	5.78	<5	20	10	0.08	<1	5	23	10	2.32	<10	0.17	12	<1	0.02	9	770	38	<5	<20	9	0.10	<10	38	<10	8	21
32	L750W 1250 N	-48	<5	<0.2	0.96	<5	30	5	0.08	<1	4	11	9	0.95	<10	0.27	29	<1	0.02	4	160	14	<5	<20	9	0.11	<10	22	<10	6	21
33	L750W 1275 N	-48	<5	<0.2	1.96	<5	25	5	0.22	<1	7	23	12	1.63	10	0.89	370	<1	0.03	10	300	18	<5	<20	25	0.13	<10	29	<10	10	63
34	L750W 1300 N	-48	<5	<0.2	1.77	<5	35	10	0.17	<1	7	25	14	1.88	10	1.00	147	<1	0.02	12	270	18	<5	<20	23	0.13	<10	36	<10	7	60
35	L750W 1325 N	-48	<5	<0.2	2.78	<5	60	10	0.15	<1	8	29	18	1.96	10	1.30	180	<1	0.03	13	380	22	<5	<20	20	0.13	<10	33	<10	8	66
36	L750W 1350 N	-48	<5	<0.2	2.32	<5	85	6	0.20	<1	8	25	14	2.40	10	0.95	250	<1	0.02	11	560	20	<5	<20	39	0.14	<10	40	<10	10	86
37	L750W 1375 N	-48	5	<0.2	1.61	<5	60	5	0.12	<1	6	15	8	1.84	10	0.37	161	<1	0.02	6	620	16	<5	<20	17	0.11	<10	34	<10	7	37
38	L750W 1400 N	-48	<5	<0.2	2.66	<5	60	5	0.10	<1	5	17	10	1.82	<10	0.27	112	<1	0.02	7	800	22	<5	<20	17	0.09	<10	30	<10	8	34
39	L750W 1425 N	-48	<5	<0.2	2.22	<5	135	5	0.43	<1	9	19	13	2.38	20	0.51	538	3	0.03	8	750	24	<5	<20	116	0.12	<10	50	<10	12	40
40	L750W 1450 N	-48	5	<0.2	2.03	<5	90	5	0.14	<1	8	19	12	2.91	10	0.34	198	<1	0.02	7	1260	22	<5	<20	18	0.13	<10	50	<10	8	42
41	BL1000N 225 E	-48	15	<0.2	2.15	<5	145	10	0.15	<1	8	19	16	2.05	10	0.43	1138	3	0.02	11	2660	34	<5	<20	14	0.11	<10	27	<10	8	68
42	BL1000N 250 E	-48	No Sample																												
43	BL1000N 275 E	-48	<5	<0.2	2.08	<5	105	5	0.07	<1	14	30	24	2.63	20	0.94	1248	21	0.03	17	1120	18	<5	<20	7	0.14	<10	30	<10	9	60
44	BL1000N 300 E	-48	<5	<0.2	1.35	<5	130	5	0.06	<1	10	23	11	1.99	10	0.77	579	1	0.02	14	230	14	<5	<20	5	0.13	<10	25	<10	6	59
45	BL1000N 325 E	-48	<5	<0.2	1.77	<5	55	10	0.04	<1	10	24	7	2.47	10	0.68	333	<1	0.02	15	320	16	<5	<20	2	0.14	<10	31	<10	7	49
46	BL1000N 25 E	-48	<5	<0.2	2.87	<5	105	10	0.11	<1	9	21	8	2.76	10	0.48	317	6	0.02	12	1120	38	<5	<20	15	0.14	<10	43	<10	9	48
47	BL1000N 50 E	-48	<5	<0.2	2.43	<5	140	10	0.07	<1	10	19	12	2.62	<10	0.28	1266	3	0.02	8	1300	28	<5	<20	14	0.16	<10	50	<10	8	42
48	BL1000N 75 E	-48	<5	<0.2	1.85	<5	85	10	0.04	<1	7	16	9	2.16	<10	0.26	389	5	0.02	6	750	24	<5	<20	7	0.15	<10	45	<10	6	34
49	BL1000N 100 E	-48	<5	0.4	3.08	<5	160	10	0.11	<1	10	18	16	2.24	<10	0.24	2462	4	0.02	11	1320	114	<5	<20	8	0.15	<10	37	<10	8	83
50	BL1000N 125 E	-48	<5	0.8	4.14	<5	55	5	0.04	<1	8	20	21	2.36	<10	0.11	491	<1	0.02	8	870	200	<5	<20	4	0.12	<10	35	<10	7	53
51	BL1000N 150 E	-48	<5	1.4	3.84	<5	70	10	0.04	<1	9	17	12	1.90	<10	0.13	1188	2	0.02	9	1080	50	<5	<20	4	0.11	<10	30	<10	6	41
52	BL1000N 175 E	-48	55	<0.2	2.89	<5	90	5	0.09	<1	8	21	11	2.55	10	0.39	395	<1	0.02	11	1060	32	<5	<20	10	0.12	<10	39	<10	8	55
53	BL1000N 200 E	-48	5	<0.2	2.68	<5	80	10	0.05	<1	9	24	10	3.29	10	0.34	295	<1	0.02	9	430	34	<5	<20	7	0.16	<10	54	<10	8	45
54	BL1000N 0 W	-48	<5	<0.2	3.01	<5	105	10	0.16	<1	9	22	10	2.86	10	0.58	365	3	0.02	11	1290	34	<5	<20	15	0.14	<10	46	<10	12	51
55	BL1000N 25 W	-48	<5	<0.2	3.32	<5	80	10	0.08	<1	8	21	7	2.93	<10	0.33	188	3	0.02	9	860	30	<5	<20	16	0.14	<10	46	<10	9	36
56	BL1000N 50 W	-48	45	<0.2	2.19	<5	95	10	0.10	<1	9	18	9	2.56	<10	0.39	240	<1	0.02	8	850	28	<5	<20	14	0.16	<10	54	<10	9	37
57	BL1000N 75 W	-48	<5	<0.2	3.38	<5	105	5	0.36	<1	8	18	12	2.39	10	0.39	307	<1	0.02	9	1920	52	<5	<20	20	0.12	<10	42	<10	22	35
58	BL1000N 100 W	-48	<5	<0.2	3.52	<5	95	10	0.21	<1	8	20	9	2.52	<10	0.38	266	<1	0.02	9	1410	30	<5	<20	16	0.13	<10	43	<10	14	36
59	BL1000N 125 W	-48	5	<0.2	2.13	<5	115	5	0.20	<1	9	20	10	2.92	10	0.51	351	<1	0.02	9	1050	24	<5	<20	19	0.15	<10	62	<10	14	39
60	BL1000N 150 W	-48	<5	<0.2	2.16	<5	115	5	0.30	<1	8	17	11	2.44	10	0.43	428	<1	0.02	8	1400	58	<5	<20	20	0.11	<10	42	<10	16	36

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NATIONAL GOLD CORPORATION

ICP CERTIFICATE OF ANALYSIS AK 2002-307

ECO TECH LABORATORY LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
61	BL1000N 175 W	<5	<0.2	2.45	<5	160	5	0.35	<1	8	18	12	2.53	10	0.49	404	2	0.02	8	1590	78	<5	<20	42	0.12	<10	43	<10	17	43
62	BL1000N 200 W	5	0.6	2.66	<5	125	5	0.26	<1	9	19	75	2.63	10	0.52	634	36	0.02	9	1310	846	<5	<20	21	0.14	<10	49	<10	14	57
63	BL1000N 225 W	<5	<0.2	2.21	<5	115	10	0.15	<1	9	17	14	2.46	<10	0.39	332	1	0.02	8	770	122	<5	<20	18	0.14	<10	48	<10	10	41
64	BL1000N 250 W.	<5	<0.2	2.25	<5	186	<5	0.31	<1	6	13	14	1.83	10	0.33	316	<1	0.02	7	1190	38	<5	<20	112	0.09	<10	32	<10	12	36
65	BL1000N 275 W	5	<0.2	2.82	<5	140	<5	0.27	<1	6	13	20	1.80	10	0.30	348	3	0.02	5	2150	26	<5	<20	37	0.08	<10	30	<10	14	28
66	BL1000N 300 W	<5	<0.2	2.94	<5	140	5	0.38	<1	8	19	19	2.54	20	0.49	549	<1	0.02	8	2860	26	<5	<20	47	0.13	10	47	<10	19	42
67	BL1000N 325 W	<5	<0.2	2.18	<5	80	5	0.13	<1	6	14	14	1.86	10	0.28	344	<1	0.02	7	1290	20	<5	<20	18	0.10	<10	35	<10	9	35
68	BL1000N 350 W	5	<0.2	2.93	<5	90	5	0.16	<1	7	16	16	2.00	<10	0.28	263	<1	0.02	9	1510	26	<5	<20	14	0.11	<10	36	<10	11	30
69	BL1000N 375 W	<5	<0.2	5.17	<5	30	10	0.03	<1	7	19	14	2.20	<10	0.13	152	<1	0.03	9	1310	40	<5	<20	4	0.13	<10	31	<10	8	16
70	BL1000N 400 W	<5	<0.2	3.50	<5	55	10	0.04	<1	6	17	14	2.01	<10	0.20	105	<1	0.02	7	1010	30	<5	<20	6	0.11	<10	34	<10	6	28
71	BL1000N 425 W	<5	0.2	5.67	<5	15	10	0.03	<1	5	20	15	2.18	<10	0.06	19	<1	0.03	9	1000	42	<5	<20	4	0.12	<10	29	<10	10	10
72	BL1000N 450 W	<5	<0.2	2.71	<5	60	5	0.08	<1	6	14	10	1.86	<10	0.19	121	<1	0.02	7	920	26	<5	<20	9	0.11	<10	36	<10	6	21
73	BL1000N 475 W	<5	<0.2	2.66	<5	60	10	0.05	<1	8	18	9	2.14	<10	0.17	109	<1	0.03	6	460	26	<5	<20	8	0.13	<10	42	<10	7	21
74	BL1000N 500 W	<5	<0.2	2.15	<5	130	<5	0.30	<1	7	13	12	1.69	<10	0.31	252	<1	0.02	6	1680	20	<5	<20	23	0.09	<10	32	<10	16	26
75	BL1000N 525 W.	<5	<0.2	3.44	<5	65	10	0.08	<1	7	17	13	2.13	<10	0.24	218	<1	0.02	8	910	30	<5	<20	11	0.12	<10	34	<10	11	25
76	BL1000N 550 W	<5	<0.2	3.13	<5	55	5	0.06	<1	6	15	9	1.68	<10	0.17	138	<1	0.03	8	670	28	<5	<20	10	0.11	<10	32	<10	9	22
77	BL1000N 575 W	<5	0.4	4.03	<5	15	10	0.04	<1	6	14	14	1.84	<10	0.10	64	<1	0.03	7	690	34	<5	<20	4	0.12	<10	27	<10	7	10
78	BL1000N 600 W	<5	<0.2	3.50	<5	45	5	0.04	<1	5	14	14	1.67	<10	0.14	67	<1	0.03	6	550	30	<5	<20	6	0.10	<10	26	<10	8	18
79	BL1000N 625 W	<5	<0.2	3.67	<5	70	5	0.06	<1	5	18	9	2.09	10	0.24	121	<1	0.02	9	750	34	<5	<20	9	0.08	<10	31	<10	7	23
80	BL1000N 650 W	6	<0.2	2.58	<5	60	5	0.04	<1	6	14	8	1.82	<10	0.20	121	<1	0.02	5	670	24	<5	<20	9	0.11	<10	31	<10	6	19
81	BL1000N 675 W	<5	<0.2	4.84	<5	20	10	0.03	<1	5	18	13	1.67	<10	0.08	128	<1	0.03	8	1160	38	<5	<20	3	0.10	<10	29	<10	8	12
82	BL1000N 700 W	5	<0.2	3.78	<5	25	5	0.04	<1	5	18	10	2.21	<10	0.09	49	<1	0.03	7	770	32	<5	<20	3	0.10	<10	33	<10	6	12
83	BL1000N 725 W	<5	<0.2	3.07	<5	80	10	0.03	<1	6	15	11	1.78	<10	0.19	166	<1	0.02	7	440	30	<5	<20	5	0.09	<10	29	<10	7	25
84	BL1000N 750 W	5	<0.2	2.86	60	50	<5	0.04	<1	6	16	11	1.65	<10	0.21	100	14	0.03	13	500	26	55	<20	5	0.10	<10	32	<10	6	23
85	BL1000N 775 W	<5	0.2	5.83	<5	10	10	0.03	<1	5	21	16	2.01	<10	0.08	17	<1	0.03	9	1060	44	<5	<20	4	0.11	<10	31	<10	8	10
86	BL1000N 800 W	<5	<0.2	4.11	<5	35	10	0.04	<1	8	24	14	2.11	<10	0.47	112	<1	0.02	12	730	34	<5	<20	2	0.12	<10	28	<10	6	37
87	BL1000N 825 W	15	0.2	4.98	<5	15	10	0.03	<1	6	25	14	2.69	<10	0.13	20	<1	0.03	9	690	44	<5	<20	3	0.13	<10	38	<10	7	15
88	BL1000N 850 W	5	<0.2	0.69	<5	35	5	0.04	<1	5	12	4	1.01	<10	0.25	87	<1	0.02	5	160	10	<5	<20	4	0.09	<10	20	<10	4	15
89	BL1000N 875 W	5	0.2	5.26	<5	10	10	0.03	<1	6	20	13	2.08	<10	0.08	19	<1	0.03	9	870	46	<5	<20	2	0.12	<10	29	<10	8	11
90	BL1000N 900 W	<5	<0.2	3.43	<5	75	5	0.06	<1	5	17	10	1.83	<10	0.09	49	<1	0.02	7	710	32	<5	<20	5	0.10	<10	29	<10	5	19
91	BL1000N 925 W	<5	<0.2	2.55	<5	50	5	0.06	<1	8	25	7	1.96	<10	0.54	161	<1	0.02	11	360	24	<5	<20	4	0.12	<10	28	<10	6	44
92	BL1000N 950 W	<5	<0.2	4.61	<5	35	10	0.05	<1	7	26	8	2.51	<10	0.29	88	<1	0.02	10	1060	38	<5	<20	5	0.11	<10	36	<10	7	29
93	BL1000N 975 W	<5	<0.2	3.29	<5	35	5	0.05	<1	6	17	9	1.89	<10	0.16	60	<1	0.02	6	830	32	<5	<20	5	0.11	<10	34	<10	6	16
94	BL1000N 1000 W	<5	<0.2	3.31	<5	55	10	0.06	<1	8	24	7	2.45	<10	0.36	135	<1	0.02	10	980	30	<5	<20	9	0.12	<10	37	<10	6	36
95	LOW 1025 N	<5	<0.2	3.05	<5	95	10	0.10	<1	9	21	7	2.90	<10	0.43	259	<1	0.02	10	1000	32	<5	<20	10	0.11	<10	45	<10	9	41

NATIONAL GOLD CORPORATION

ICP CERTIFICATE OF ANALYSIS AK 2002-307

ECO TECH LABORATORY LTD.

Et #.	Tag #				Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
96	LOW	1050	N	-48	<5	<0.2	2.37	<5	120	5	0.13	<1	10	19	10	2.34	<10	0.48	297	<1	0.02	11	660	26	<5	<20	18	0.13	<10	39	<10	9	50
97	LOW	1075	N	-48	<5	<0.2	3.66	<5	80	10	0.09	<1	6	15	16	1.74	<10	0.13	202	<1	0.03	7	680	32	<5	<20	11	0.11	<10	27	<10	8	20
98	LOW	1100	N	-48	<5	<0.2	1.52	<5	125	<5	0.19	<1	7	14	9	2.26	10	0.34	271	5	0.02	6	1090	20	<5	<20	42	0.11	<10	36	<10	11	32
99	LOW	1125	N	-48	<5	<0.2	2.64	<5	85	5	0.09	<1	7	14	9	2.09	<10	0.23	183	6	0.03	7	820	28	<5	<20	30	0.10	<10	30	<10	10	23
100	LOW	1150	N	-48	<5	<0.2	2.21	<5	75	10	0.06	<1	6	14	12	2.11	<10	0.20	152	14	0.02	5	750	26	<5	<20	38	0.11	<10	31	<10	8	21
101	LOW	1175	N	-48	No Sample																												
102	LOW	1200	N	-48	<5	<0.2	2.38	<5	50	10	0.07	<1	7	21	9	3.42	<10	0.25	111	6	0.03	6	730	30	<5	<20	29	0.15	<10	54	<10	8	24
103	LOW	1225	N	-48	<5	<0.2	2.60	<5	75	10	0.10	<1	7	16	12	2.17	<10	0.27	198	28	0.03	8	820	56	<5	<20	27	0.12	10	36	<10	14	35
104	LOW	1250	N	-48	No Sample																												
105	LOW	1275	N		45	<0.2	1.09	<5	125	<5	0.09	<1	4	11	26	1.43	<10	0.24	158	14	0.03	4	1510	320	<5	<20	67	0.06	<10	17	<10	7	26
106	LOW	1300	N	-48	<5	<0.2	1.65	<5	130	<5	0.11	<1	5	14	13	2.11	10	0.38	248	33	0.02	5	1180	40	<5	<20	90	0.07	<10	26	<10	6	32
107	LOW	1325	N	-48	5	<0.2	1.48	<5	120	<5	0.14	<1	7	18	20	1.63	10	0.62	1385	3	0.02	9	610	34	<5	<20	52	0.08	<10	23	<10	6	60
108	LOW	1350	N	-48	10	<0.2	3.14	<5	100	5	0.09	<1	11	27	58	2.40	10	0.70	666	<1	0.02	15	1030	142	<5	<20	9	0.13	<10	32	<10	9	100
109	LOW	1375	N	-48	10	<0.2	2.05	<5	110	10	0.17	<1	11	31	27	2.69	10	1.10	553	<1	0.02	15	360	48	<5	<20	11	0.13	<10	39	<10	7	105
110	LOW	1400	N	-48	65	0.6	1.66	<5	280	5	0.29	<1	22	27	32	3.55	20	0.62	6998	27	0.02	15	880	280	<5	<20	17	0.14	20	29	<10	7	125
111	LOW	1425	N	-48	5	<0.2	1.85	<5	180	10	0.40	<1	12	28	21	2.06	10	1.01	1728	<1	0.03	15	420	32	<5	<20	16	0.12	<10	34	<10	6	98
112	LOW	1450	N	-48	<5	<0.2	2.29	<5	85	<5	0.47	<1	9	28	42	1.80	10	1.42	416	6	0.03	16	590	22	<5	<20	25	0.08	<10	27	<10	7	81
113	LOW	1475	N	-48	<5	<0.2	2.75	<5	100	6	0.67	<1	11	31	29	1.93	10	1.72	1358	3	0.03	18	1010	24	<5	<20	30	0.08	<10	31	<10	7	84
114	LOW	1500	N	-48	<5	<0.2	2.96	<5	130	5	0.56	<1	14	39	33	2.36	20	1.97	1393	7	0.03	22	820	26	<5	<20	19	0.11	<10	38	<10	10	104
115	LOW	300	N	-65	,45) 10	0.6	3.88	<5	350	10	0.51	<1	9	21	29	2.61	20	0.35	554	7	0.03	13	650	102	<5	<20	74	0.11	30	41	<10	27	62
116	LOW	325	N	-48	60	<0.2	1.64	<5	365	<5	0.49	<1	7	16	15	1.91	10	0.33	430	4	0.02	8	400	58	<5	<20	55	0.08	<10	33	<10	11	65
117	LOW	350	N	-48	45	0.6	1.69	<5	190	<5	0.21	<1	7	15	13	2.53	20	0.34	216	3	0.02	6	1190	40	<5	<20	14	0.08	<10	31	<10	9	43
118	LOW	375	N	-48	116	<0.2	1.73	<5	145	<5	0.24	<1	8	15	20	2.38	20	0.36	292	4	0.02	7	1430	66	<5	<20	13	0.07	<10	29	<10	10	44
119	LOW	400	N	-48	30	<0.2	1.52	<5	65	<5	0.14	<1	6	14	7	2.08	10	0.23	166	<1	0.02	7	1600	26	<5	<20	7	0.07	<10	33	<10	7	41
120	LOW	425	N	-48	20	<0.2	2.21	<5	70	<5	0.07	<1	6	16	7	2.20	<10	0.20	235	<1	0.02	7	1670	30	<5	<20	5	0.08	<10	34	<10	5	33
121	LOW	450	N Claim Line	-48	55	<0.2	1.81	<5	65	<5	0.09	<1	5	12	7	1.64	<10	0.20	126	<1	0.02	5	970	28	<5	<20	10	0.08	<10	26	<10	6	24
122	LOW	475	N	-48	25	<0.2	0.69	<5	30	<5	0.03	<1	3	7	5	1.13	<10	0.09	47	<1	0.02	3	170	24	<5	<20	5	0.07	<10	30	<10	2	12
123	LOW	500	N	-48	<5	<0.2	2.14	<5	60	<5	0.08	<1	7	21	11	3.44	<10	0.26	132	<1	0.02	7	1460	52	<5	<20	8	0.12	<10	52	<10	6	32
124	LOW	525	N	-48	10	<0.2	1.45	<5	60	<5	0.13	<1	6	13	6	1.99	10	0.26	159	<1	0.02	6	600	32	<5	<20	10	0.07	<10	34	<10	7	27
125	LOW	550	N	-48	45	<0.2	2.16	<5	100	<5	0.26	<1	7	16	11	2.40	10	0.31	256	<1	0.02	7	2270	70	<5	<20	14	0.09	<10	38	<10	12	31
126	LOW	575	N	-48	15	<0.2	1.62	<5	95	<5	0.18	<1	6	13	11	1.79	<10	0.26	209	<1	0.02	6	1250	72	<5	<20	10	0.07	<10	30	<10	8	34
127	LOW	600	N	-48	10	<0.2	2.48	<5	100	<5	0.14	<1	7	18	11	2.69	<10	0.24	162	2	0.02	8	1300	158	<5	<20	10	0.10	<10	46	<10	7	44
128	LOW	625	N	-48	<5	<0.2	2.58	<5	140	<5	0.37	<1	8	18	39	2.61	10	0.46	372	2	0.02	9	1640	184	<5	<20	24	0.10	<10	42	<10	16	46
129	LOW	650	N	-48	10	0.2	2.25	<5	115	5	0.13	<1	7	16	13	2.27	<10	0.20	1168	1	0.02	8	1240	98	<5	<20	14	0.12	<10	41	<10	5	42
130	LOW	675	N	-48	15	0.8	3.57	<5	136	5	0.14	<1	10	19	52	2.26	10	0.23	1623	3	0.03	11	1690	474	<5	<20	18	0.12	20	34	<10	14	92

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
131	LOW 700 N	<5	0.4	2.41	<5	150	10	0.11	<1	12	22	14	3.07	<10	0.42	2888	<1	0.02	10	860	124	<5	<20	17	0.16	<10	56	<10	7	69
132	LOW 725 N	<5	<0.2	2.59	<5	170	10	0.16	<1	10	22	11	3.18	<10	0.51	381	<1	0.02	10	1020	44	<5	<20	45	0.15	<10	57	<10	8	55
133	LOW 750 N	115	<0.2	2.96	<5	175	10	0.25	<1	9	20	13	2.71	10	0.45	497	1	0.02	10	1270	60	<5	<20	41	0.10	<10	41	<10	11	46
134	LOW 775 N	10	<0.2	3.23	<5	105	10	0.07	<1	8	19	11	2.53	<10	0.23	324	<1	0.02	10	1760	48	<5	<20	10	0.12	<10	42	<10	5	63
135	LOW 800 N	<5	<0.2	2.38	<6	115	5	0.13	<1	9	21	11	2.82	<10	0.44	273	4	0.02	10	1070	38	<6	<20	24	0.13	<10	47	<10	6	46
136	LOW 825 N	<5	<0.2	1.40	<5	100	5	0.06	<1	7	15	10	2.12	<10	0.26	514	<1	0.02	7	680	30	<5	<20	8	0.13	<10	45	<10	4	36
137	LOW 850 N	25	<0.2	2.27	<5	120	10	0.12	<1	8	19	9	2.46	<10	0.38	543	6	0.02	9	1140	72	<5	<20	13	0.11	<10	40	<10	6	58
138	LOW 875 N	<5	<0.2	1.77	<5	85	5	0.11	<1	7	19	9	2.73	10	0.40	251	16	0.02	6	860	90	<5	<20	14	0.11	<10	45	<10	6	47
139	LOW 900 N	<5	<0.2	2.23	<5	90	5	0.07	<1	7	18	10	2.44	<10	0.29	183	2	0.02	7	1100	32	<5	<20	10	0.12	<10	45	<10	6	32
140	LOW 925 N	<5	<0.2	2.45	<5	95	5	0.11	<1	8	18	10	2.37	<10	0.35	286	1	0.02	8	970	26	<5	<20	10	0.12	<10	42	<10	6	37
141	LOW 950 N	<5	<0.2	2.22	<5	115	5	0.12	<1	9	19	10	2.61	<10	0.45	485	2	0.02	8	1100	24	<5	<20	15	0.13	<10	46	<10	8	48
142	LOW 975 N	<5	<0.2	2.93	<5	100	10	0.11	<1	9	20	8	2.59	<10	0.41	402	2	0.02	10	770	32	<5	<20	12	0.13	<10	44	<10	9	47
143	BL1000N 1025 W	<5	<0.2	2.48	<5	65	10	0.07	<1	8	24	8	2.74	<10	0.43	143	<1	0.02	9	580	22	<5	<20	11	0.13	<10	47	<10	6	36
144	BL1000N 1050 W 1075 NS	5	<0.2	1.83	<5	85	5	0.10	<1	7	18	6	2.25	10	0.39	158	<1	0.02	8	510	18	<5	<20	17	0.12	<10	46	<10	6	28
145	BL1000N 1100 W	<5	<0.2	1.87	<5	105	5	0.18	<1	10	22	9	2.47	10	0.70	318	<1	0.02	10	820	16	<5	<20	20	0.13	<10	44	<10	9	38
146	BL1000N 1125 W	<5	<0.2	2.58	<5	215	5	0.28	<1	9	19	9	2.40	10	0.55	410	<1	0.03	10	860	24	<5	<20	135	0.12	<10	44	<10	11	44
147	BL1000N 1150 W	<5	<0.2	2.58	<5	245	10	0.28	<1	10	19	12	2.39	10	0.50	937	<1	0.02	9	1090	28	<6	<20	82	0.12	<10	42	<10	13	49
148	BL1000N 1175 W	<5	<0.2	3.32	<5	95	5	0.13	<1	10	24	7	3.07	10	0.46	197	<1	0.02	11	1430	26	<5	<20	17	0.13	<10	66	<10	8	36
149	BL1000N 1200 W	20	<0.2	3.72	<5	45	5	0.06	<1	7	22	13	2.99	<10	0.17	130	<1	0.02	8	1730	32	<5	<20	12	0.12	<10	54	<10	6	26
150	BL1000N 1225 W	14[illegible] 5	<0.2	2.78	<5	75	5	0.16	<1	7	16	12	2.09	<10	0.25	267	<1	0.03	8	1050	30	<5	<20	30	0.09	<10	32	<10	7	28
151	BL1000N 1250 W	135	<0.2	2.52	<5	230	10	0.17	<1	7	19	13	2.81	10	0.46	402	<1	0.02	9	1430	30	<5	<20	53	0.10	<10	42	<10	7	46
152	BL1000N 1275 W	5	<0.2	2.03	<5	40	<5	0.03	<1	5	13	14	1.73	<10	0.08	140	<1	0.02	6	550	24	<5	<20	4	0.09	<10	34	<10	4	23
153	BL1000N 1300 W	5	<0.2	3.70	<5	60	10	0.04	<1	6	19	12	2.39	<10	0.16	66	<1	0.02	7	820	30	<5	<20	5	0.11	<10	39	<10	6	19
154	BL1000N 1325 W	10	<0.2	4.49	<5	15	6	0.04	<1	5	17	15	1.68	<10	0.13	95	<1	0.03	9	860	34	<5	<20	4	0.09	<10	24	<10	5	19
155	BL1000N 1350 W	<5	<0.2	3.26	<5	20	10	0.03	<1	5	17	12	1.83	<10	0.26	60	<1	0.02	7	500	26	<5	<20	2	0.09	<10	27	<10	5	18
156	BL1000N 1375 W	<5	<0.2	5.29	<5	15	10	0.03	<1	5	27	13	2.60	<10	0.13	<1	<1	0.02	8	1310	36	<5	<20	3	0.10	<10	33	<10	5	10
157	BL1000N 1400 W	<5	<0.2	1.12	<5	25	<5	0.02	<1	6	16	7	1.80	20	0.56	73	<1	0.02	9	170	10	<5	<20	3	0.07	<10	27	<10	3	26
158	BL1000N 1425 W	<5	<0.2	0.84	<5	15	<5	0.02	<1	4	13	7	1.23	10	0.54	53	<1	0.02	7	220	8	<5	<20	2	0.05	<10	19	<10	3	21
159	BL1000N 1450 W	5	<0.2	2.54	<5	35	<5	0.03	<1	7	23	13	2.25	10	0.67	92	<1	0.02	13	370	20	<5	<20	2	0.08	<10	24	<10	4	40

NATIONAL GOLD CORPORATION

ICP CERTIFICATE OF ANALYSIS AK 2002-307

ECO TECH LABORATORY LTD.

QC/DATA

Repeat:

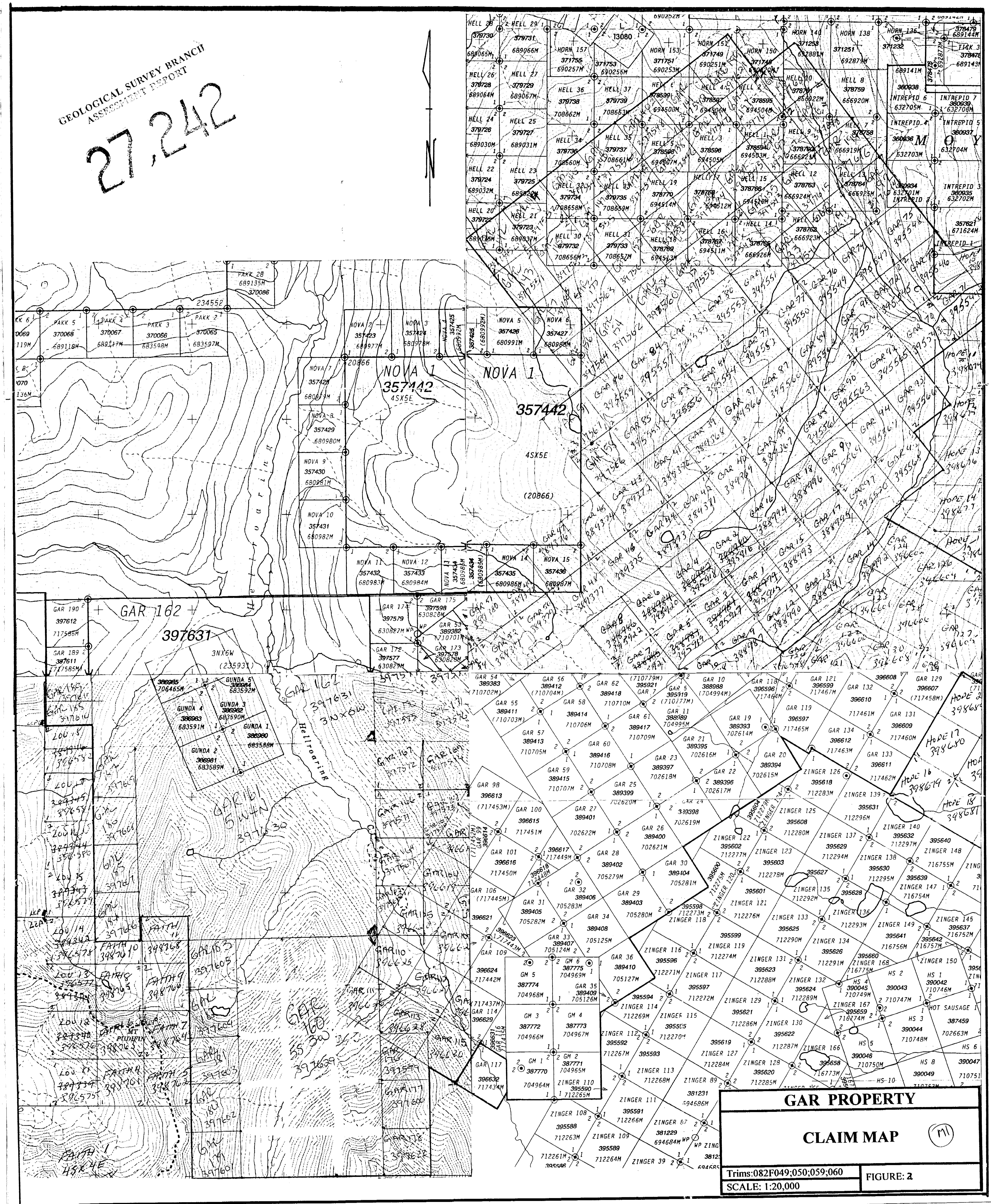
Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	L750W 450 N	-	0.6	2.46	<5	100	5	0.28	<1	7	17	25	1.85	20	0.31	2194	12	0.03	9	1330	94	<5	<20	38	0.07	40	31	<10	15	44
2	L750W 475 N	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	L750W 675 N	5	<0.2	3.18	<5	145	10	0.28	<1	11	21	17	2.85	10	0.48	397	<1	0.03	11	1640	82	<5	<20	58	0.15	<10	41	<10	16	76
19	L750W 900 N	<5	0.4	4.42	<5	30	10	0.04	<1	5	19	11	1.96	<10	0.14	64	<1	0.03	8	950	38	<5	<20	4	0.13	<10	41	<10	8	15
28	L750W 1150 N	<5	<0.2	2.52	<5	55	10	0.15	<1	9	35	26	2.29	10	1.68	241	<1	0.02	16	190	18	<5	<20	18	0.16	<10	40	<10	9	64
36	L750W 1350 N	<5	<0.2	2.38	<5	85	5	0.20	<1	8	25	14	2.43	10	0.94	253	<1	0.02	10	550	20	<5	<20	38	0.14	<10	40	<10	9	66
45	BL1000N 325 E	<5	<0.2	1.79	<5	50	5	0.04	<1	10	24	7	2.51	10	0.66	332	<1	0.02	14	310	16	<5	<20	2	0.14	<10	31	<10	7	49
54	BL1000N 0 W	-	<0.2	2.99	<5	105	10	0.17	<1	9	22	10	2.84	10	0.67	380	3	0.02	11	1310	38	<5	<20	15	0.14	<10	46	<10	11	61
55	BL1000N 25 W	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
63	BL1000N 225 W	<5	<0.2	2.26	<5	115	5	0.16	<1	9	17	15	2.48	<10	0.39	331	2	0.02	8	820	128	<5	<20	18	0.14	<10	46	<10	10	41
71	BL1000N 425 W	-	0.2	5.66	<5	10	10	0.03	<1	5	20	15	2.17	<10	0.06	18	<1	0.03	9	1020	44	<5	<20	2	0.12	<10	28	<10	11	10
72	BL1000N 450 W	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80	BL1000N 650 W	<5	<0.2	2.47	<5	80	5	0.04	<1	5	14	8	1.81	<10	0.20	125	<1	0.02	5	680	28	<5	<20	8	0.11	<10	30	<10	6	20
89	BL1000N 875 W	5	0.2	5.28	<5	10	10	0.03	<1	6	20	13	2.08	<10	0.06	19	<1	0.02	8	880	44	<5	<20	1	0.12	<10	29	<10	9	11
98	L0W 1100 N	-	<0.2	1.46	<5	120	5	0.16	<1	6	14	9	2.24	10	0.34	276	4	0.02	6	980	18	<5	<20	37	0.11	<10	36	<10	10	31
99	L0W 1125 N	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
106	L0W 1300 N	-	<0.2	1.70	<5	130	<5	0.11	<1	6	16	14	2.17	10	0.39	268	34	0.02	6	1220	42	<5	<20	91	0.07	<10	27	<10	5	34
108	L0W 1350 N	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
115	L0W 300 N	46	0.6	3.93	<5	350	10	0.50	<1	9	21	26	2.68	20	0.34	523	6	0.03	12	560	102	<5	<20	73	0.11	40	40	<10	27	60
124	L0W 525 N	5	<0.2	1.42	<5	60	<5	0.14	<1	6	13	6	1.85	10	0.25	166	<1	0.02	6	800	30	<5	<20	9	0.07	<10	33	<10	7	26
133	L0W 750 N	20	<0.2	3.02	<5	175	10	0.24	<1	9	20	13	2.72	10	0.46	614	1	0.02	10	1200	64	<5	<20	44	0.11	<10	42	<10	11	46
141	L0W 950 N	<5	<0.2	2.22	<5	115	5	0.12	<1	9	19	10	2.60	<10	0.44	492	1	0.02	9	1120	24	<5	<20	14	0.13	<10	48	<10	8	49
150	BL1000N 1225 W	45	<0.2	2.81	<5	75	<5	0.15	<1	7	18	12	2.12	<10	0.25	278	<1	0.03	9	1060	30	<5	<20	28	0.08	<10	33	<10	7	28

Standard:

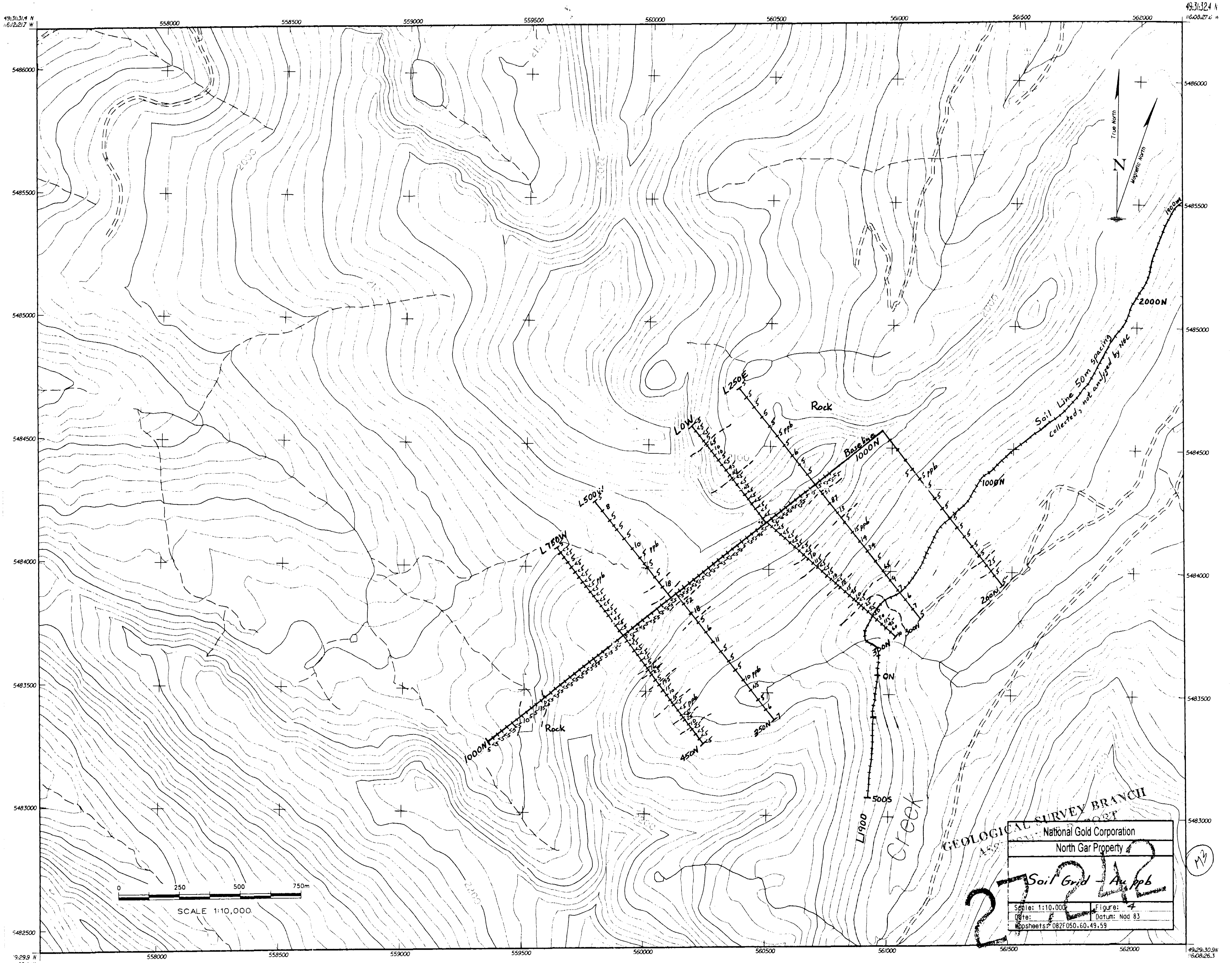
	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
GEO'02	130	1.2	1.58	60	130	<5	1.54	<1	19	67	86	3.47	10	0.93	600	<1	0.04	32	660	22	<5	<20	37	0.12	<10	70	<10	10	67
GEO'02	135	1.2	1.59	60	130	<5	1.53	<1	18	67	83	3.41	10	0.91	593	<1	0.04	32	620	22	<5	<20	39	0.11	<10	69	<10	10	67
GEO'02	130	1.2	1.64	65	145	<5	1.63	<1	20	69	89	3.63	10	0.96	638	<1	0.03	33	710	22	<5	<20	39	0.11	<10	73	<10	10	71
GEO'02	125	1.2	1.58	60	135	<5	1.55	<1	19	68	83	3.47	<10	0.91	612	<1	0.04	41	650	22	<5	<20	38	0.11	<10	71	<10	9	68
GEO'02	130	1.2	1.58	60	135	<5	1.54	<1	19	67	83	3.46	<10	0.90	612	<1	0.04	31	630	24	<5	<20	39	0.11	<10	70	<10	9	68

JJ/kk
df/268a
XLS/02
CC: Super Group Holdings

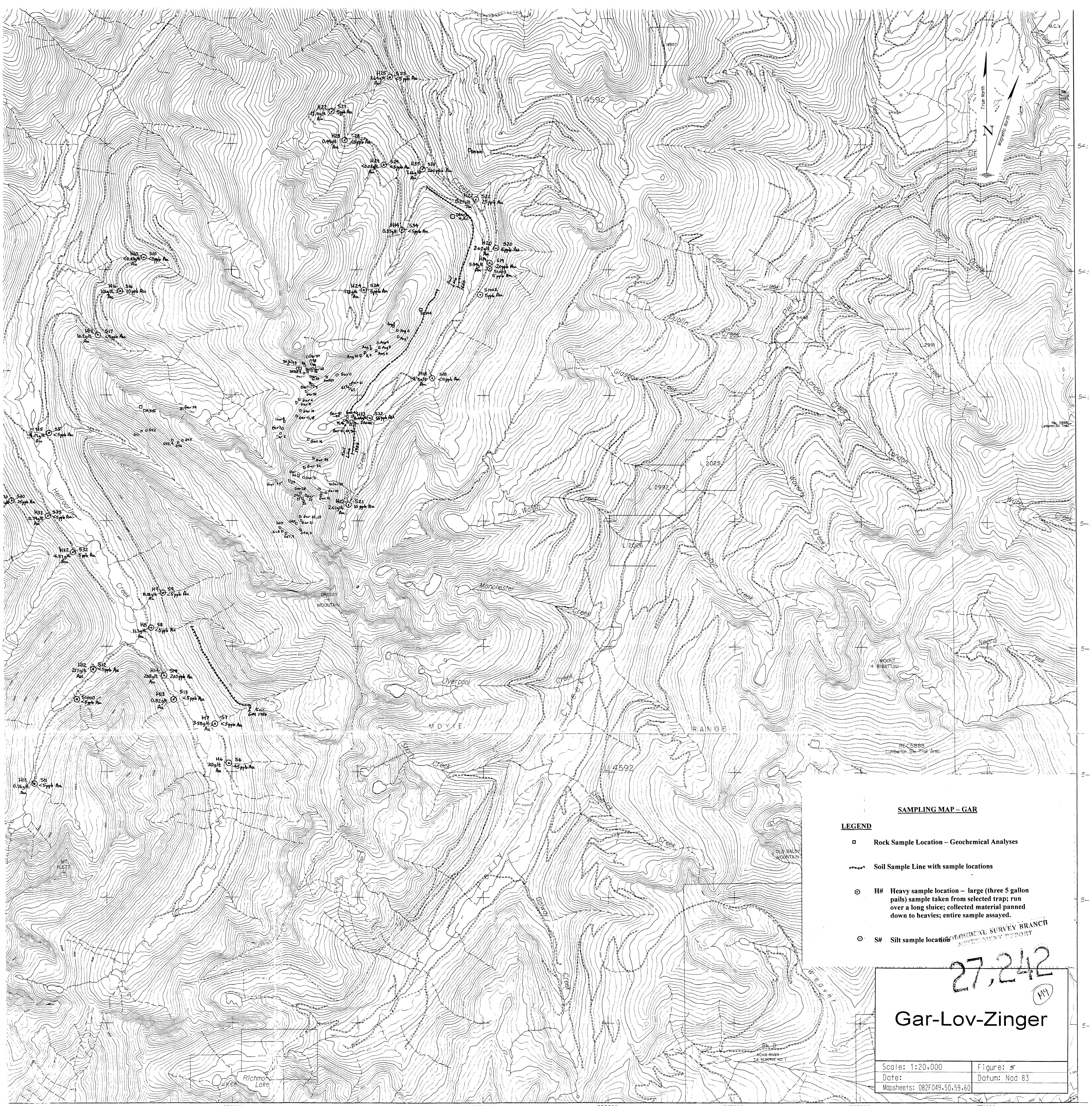
ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer


GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT
27,242
NOVA 1
357442
GAR 162
397631
GAR PROPERTY
CLAIM MAP
Trims:082F049;050;059;060
SCALE: 1:20,000
FIGURE: 2

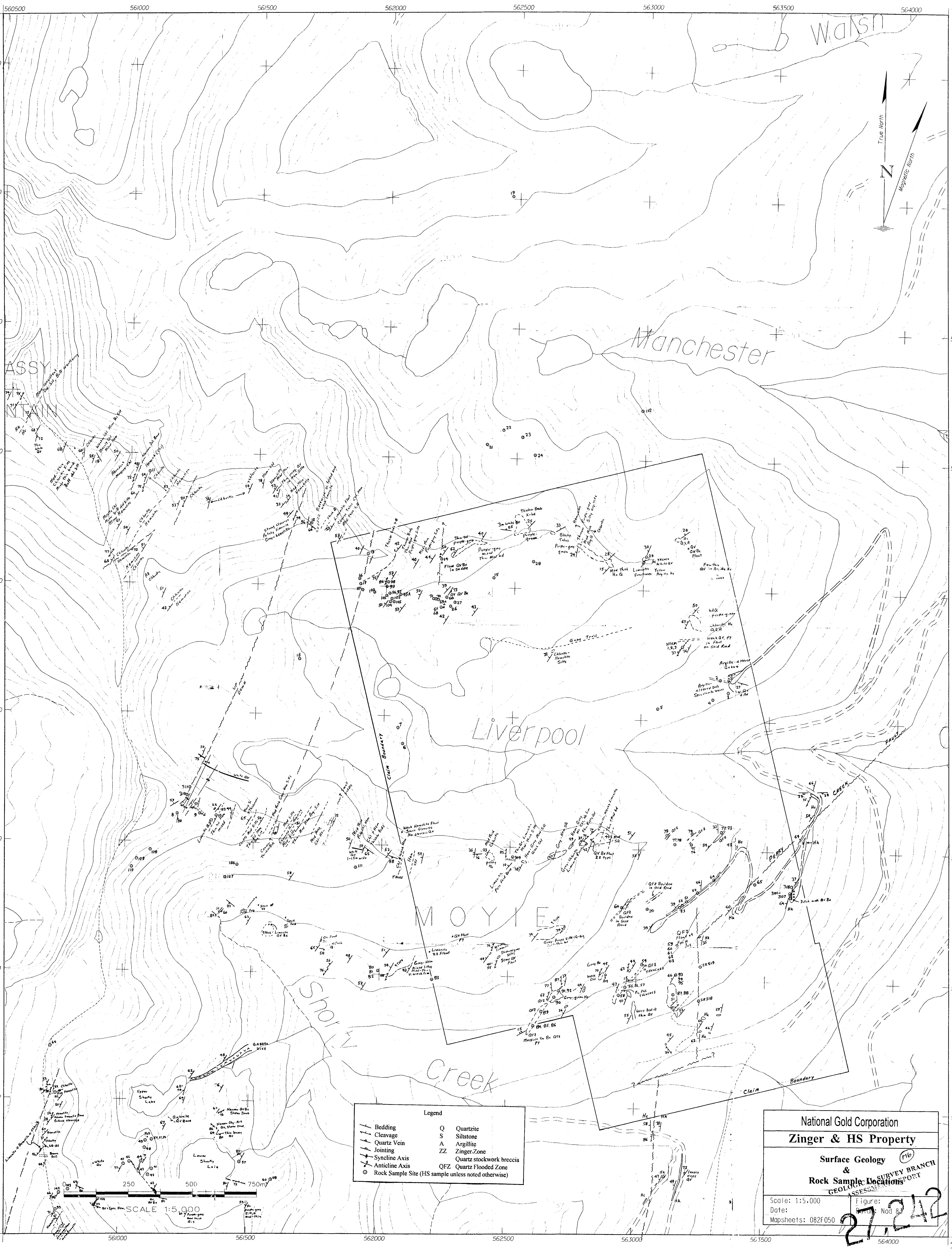
LEGEND
Cretaceous
Intrusive – medium to coarse crystalline granodiorite to quartz monzonite.
Kitchener Fm.
Hk
Grey to silvery-grey to buff weathering, grey argillite which is thin bedded with dolomite interbeds. Upper- black, grey, buff dark argillite dominant with dolomite and dolomitic siltstone. Lower- green argillite and siltstone with buff dolomitic siltstone.
Upper Creston (C3)
Hc3
Greenish-grey weathering, green argillite and siltstone, thin-bedded.
Middle Creston (C2)
Hc2
Grey weathering, thin to thick bedded, argillite to quartz wacke, grey to mauve fresh, fine-grained with abundant flames, cross-bedding, and lenticular beds.
Bedding
Fault
Contact
Fold axes
S1
GEOLOGICAL SURVEY BRANCH ASSESSMENT REPORT
27,242
National Gold Corporation
Gar Property
GEOLOGY
Scale: 1:10,000
Figure: 3
Date:
Datum: Nad 83
Mapsheets: 082F049,50,59,60
SCALE 1:10,000
0
500
1000
1500m
St Mary Fault
GRASSY MOUNTAIN
Angus Creek
Gar Claims
Liverpool
True North
Magnetic North
N
558000
559000
560000
561000
562000
563000
564000
5490000
5489000
5488000
5487000
5486000
5485000
5484000
5483000
5482000
5481000
5480000



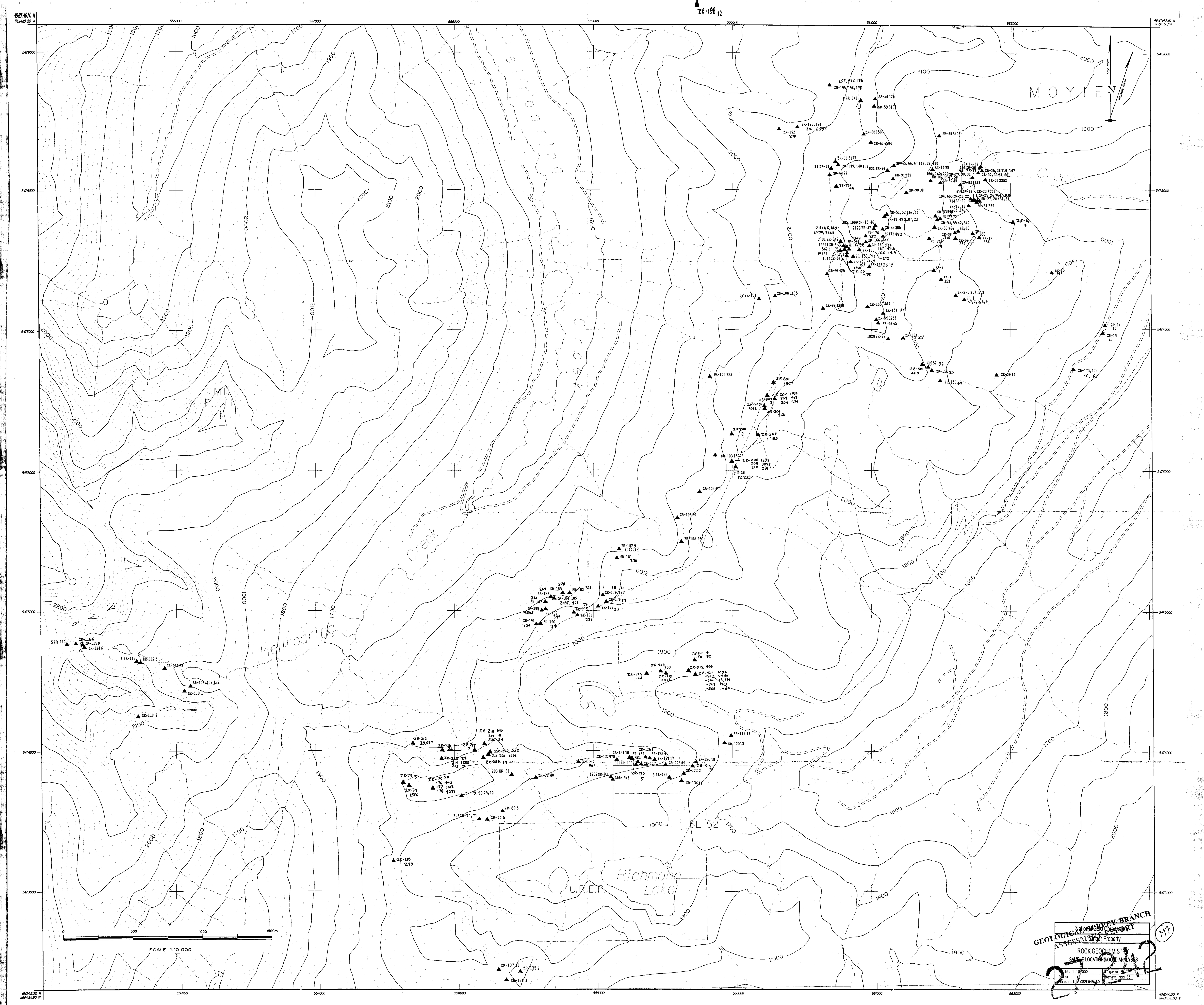
National Gold Corporation
North Gar Property
Soil Grid - Au ppb
Scale: 1:10,000
Figure: 4
Date:
Datum: Nad 83
Mapsheets: 082F050,60,49,59
0 250 500 750m
SCALE 1:10,000
True North
Magnetic North
N
Soil Line 50m spacing
Collected, not analyzed by NGC
Baseline
1000N
L250E
L0W
L500W
L750W
L1900
Rock
Rock
Creek
2000N
1900N
1000N
260N
300N
0N
500S
450N
350N
1000N
GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT
27242

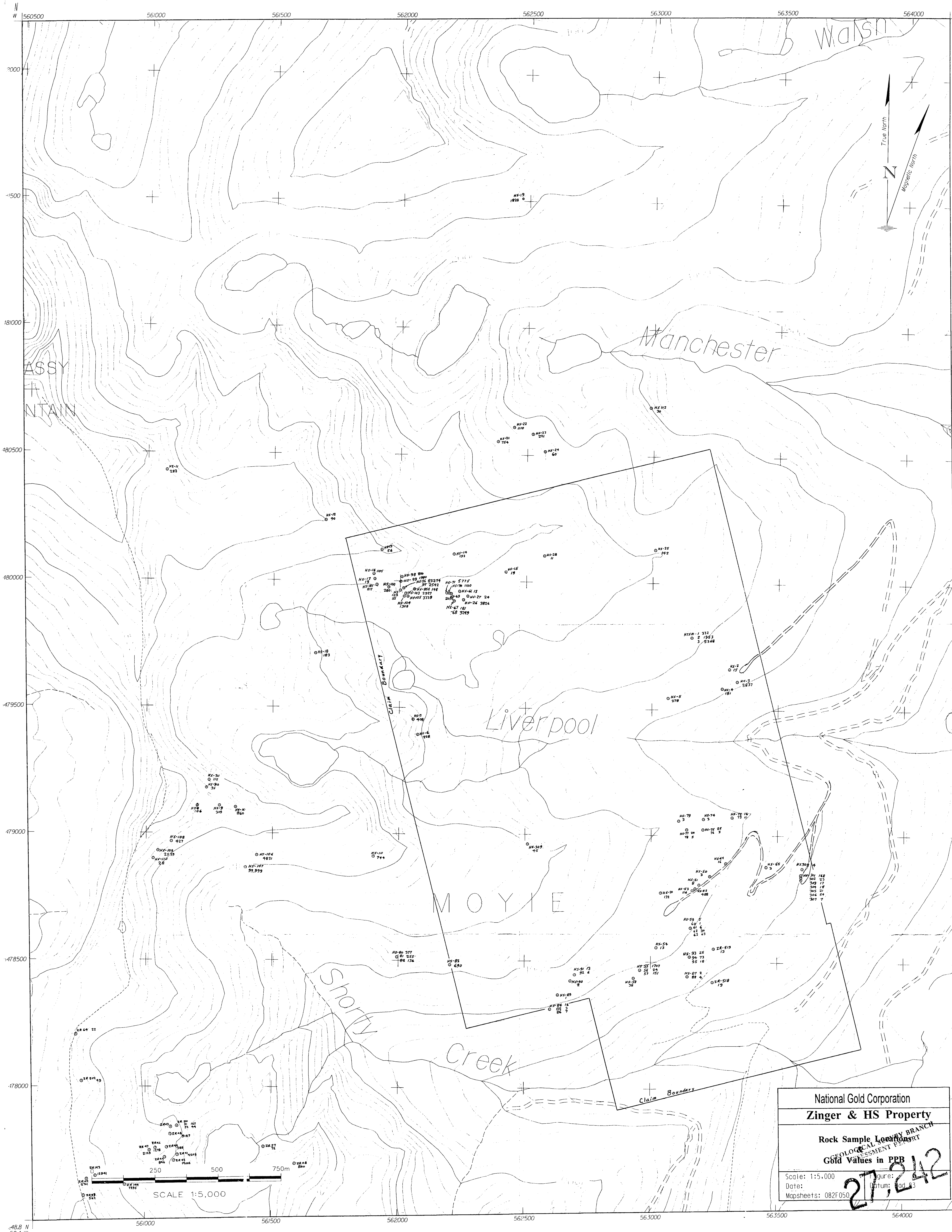

SAMPLING MAP – GAR
LEGEND
Rock Sample Location – Geochemical Analyses
Soil Sample Line with sample locations
H# Heavy sample location – large (three 5 gallon pails) sample taken from selected trap; run over a long sluice; collected material panned down to heavies; entire sample assayed.
S# Silt sample location
GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT
27,242
Gar-Lov-Zinger
Scale: 1:20,000
Figure: 5
Date:
Datum: Nad 83
Mapsheets: 082F049.50.59.60
True North
Magnetic North
N
MOYIE RANGE
L 4592
L 2025
L 2992
L 2026
L 2991
GRASSY MOUNTAIN
MOUNT BIGATTINI
OLD BALDY MOUNTAIN
Richmond Lake
REC5888 Lumberton Ski Trail Area
Hellroaring Creek
Manchester Creek
Liverpool Creek
Glasgow Creek
Dublin Creek
Paris Creek
London Creek
Walsh Creek
Galway Creek
Weaver Creek
Negro Creek
557000
559000
561000
563000
565000
567000
569000
571000


National Gold Corporation
Zinger Property
GEOLOGY
GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT
27,242
Scale: 1:5,000
Figure: 3
Date:
Datum: Nad 83
Mapsheets: 082F050,49
0
250
500
750m
SCALE 1:5,000
LEGEND
BEDDING
CLEAVAGE
QUARTZ VEIN
JOINTING
True North
Magnetic North
N
HEART LAKE
SWIFT LAKE
Creek
558500
559000
559500
560000
560500
561000
561500
562000
562500
563000
5477500
5477000
5476500
5476000
5475500
5475000
5474500
5474000
1900
1800
2000



National Gold Corporation
Zinger & HS Property
Surface Geology
&
Rock Sample Locations
M6
Scale: 1:5,000
Date:
Mapsheets: 082F050
Figure:
Datum: Nad 83
GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT
27,242
Legend
Bedding
Cleavage
Quartz Vein
Jointing
Syncline Axis
Anticline Axis
Rock Sample Site (HS sample unless noted otherwise)
Q Quartzite
S Siltstone
A Argillite
ZZ Zinger Zone
Quartz stockwork breccia
QFZ Quartz Flooded Zone
SCALE 1:5,000
250
500
750m
True North
Magnetic North
N
Walsh
Manchester
Liverpool
MOYIE
Shorty
Creek
Claim Boundary
PERRY CREEK
FAULT
Upper Shorty Lake
Lower Shorty Lake
GABBRO DIKE
49:29:21.5 N
116:09:53.8 W
49:29:22.3 N
116:06:51.4 W
49:26:48.8 N
116:09:52.4 W
49:26:49.5 N
116:06:49.8 W
560500
561000
561500
562000
562500
563000
563500
564000
5482000
5481500
5481000
5480500
5480000
5479500
5479000
5478500
5478000


MOYIE
Hellroaring Creek
Mt. Flett
Richmond Lake
SL 52
U.R.E.P.
SCALE 1:10,000
0
500
1000
1500m
National Gold Corporation
Zinger Property
ROCK GEOCHEMISTRY
SAMPLE LOCATIONS/GOLD ANALYSES
Scale: 1:10,000
Figure: 5
Date:
Datum: Nad 83
Mapsheets: 082F049,50
GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT
M7
49:24:0.50 N
116:07:52.00 W
5473000
562000


National Gold Corporation
Zinger & HS Property
Rock Sample Locations & Gold Values in PPB
Scale: 1:5,000
Date:
Mapsheets: 082F050
Datum: Nad 83
GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT
27,242
Walsh
Manchester
Liverpool
MOYIE
Shorty Creek
Claim Boundary
True North
Magnetic North
N
SCALE 1:5,000
250
500
750m
560500
561000
561500
562000
562500
563000
563500
564000
5482000
5481500
5481000
5480500
5480000
5479500
5479000
5478500
5478000