CHAPLEAU RESOURCES LTD.

ASSESSMENT REPORT

on

DIAMOND DRILLING

HORN/PAKK PROPERTY

St. Mary River Area

FORT STEELE MINING DIVISION

NTS 82 F/9
TRIM 82F.059, 060, 069 & 070

Latitude 49°35'N

Longitude 116°09'W

UTM 5,494,000N 561,000E

For Chapleau Resources Ltd.
104-135-10th Ave.South
Cranbrook, B.C.
V1C 2N1

By

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November, 2001

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CHAPLEAU RESOURCES LTD.

Assessment Report on a Diamond Drill Program
DDH's HL00-3 to HL00-10 and PAKK00-15 Holes
Horn/Pakk Property

Fort Steele Mining Division **November, 2001**

1.00 INTRODUCTION

This report describes a 9 hole diamond drill program carried out on the Horn/Pakk property in the summer and fall of 2000.

1.10 Location and Access

The Horn/Pakk property, which includes the Horn, Burn, Fecal, Hell, Gyle, Pit, Tip and Pakk claims, is located from 2 to 30 kilometers southwest of Kimberley, B.C., in the Fort Steele Mining Division (Fig.1). The claims are centered near 40°35' N Latitude and 116°09' W Longitude / UTM 5,494,000 N, 561,000 E.

Access to the property is via roads servicing the St.Mary and Perry Creek drainages. Portions of the property cover drainages of Hellroaring, Sinclair, Pit, Alki and Matthew Creeks that are tributary drainages of the St.Mary River. Claims that cover the upper portion of Pit Creek are most easily accessed by using the Perry Creek road and a secondary road up Sawmill and Lisbon Creeks, crossing over to the upper part of Pit Creek.

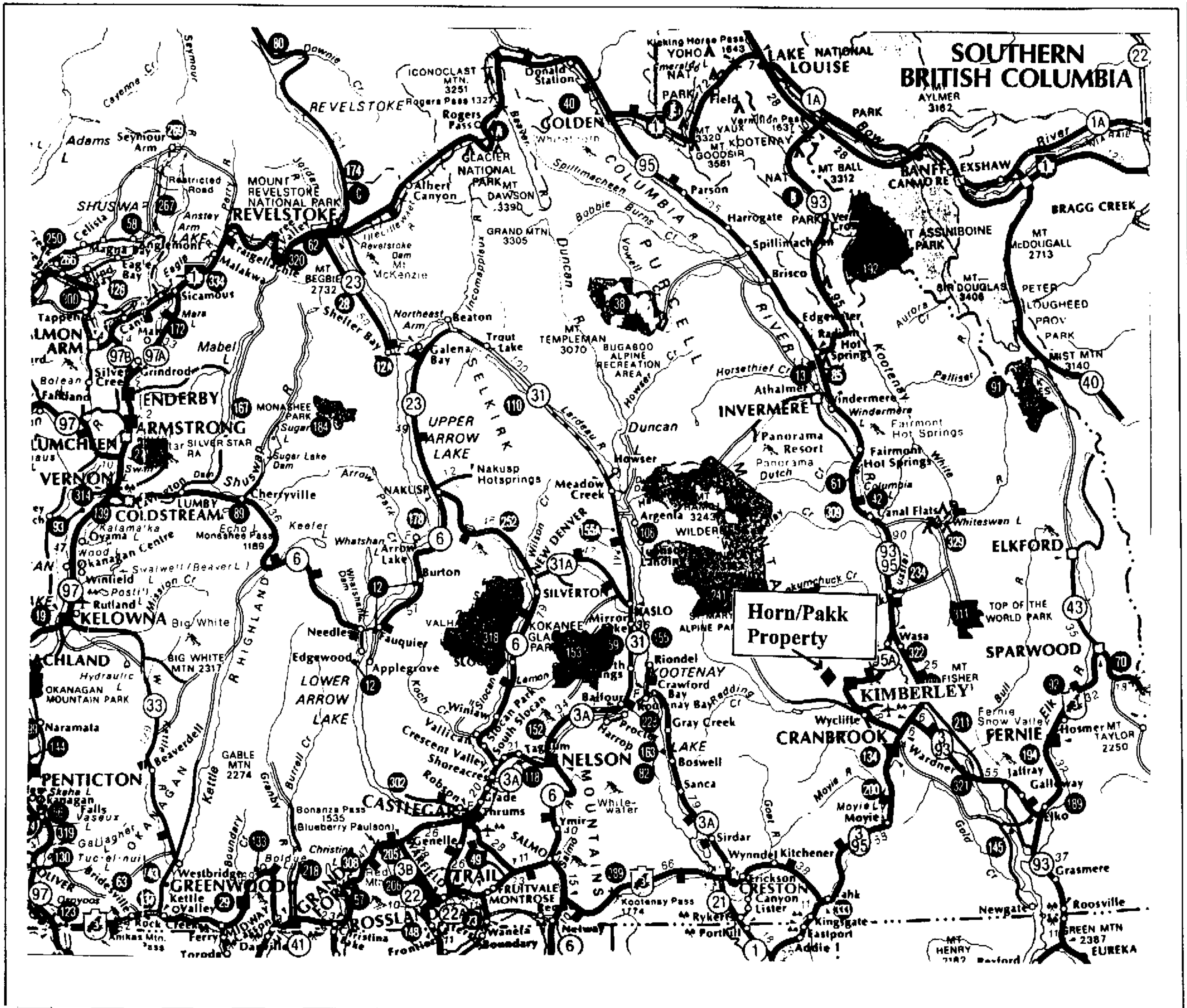
1.20 Property

The Horn/Pakk property is a large group of 826 claim units in 408 claims controlled by Chapleau Resources Ltd.

1.30 Physiography

The Horn/Pakk property covers a variety of mountainous terrain within the Moyie Range of the Purcell Mountains, from the relatively flat valley bottom of the St.Mary River to very steep rocky sub-alpine slopes west of Matthew Creek. Elevations on the claim block range from about 960 metres in the St. Mary valley to 2100 metres on the Peg 26 claim in the western portion of the claim block. Glacial till covers much of the lower mountain slopes and St.Mary valley is floored by thick glacio-fluvial deposits.

Forest cover consists of mature and immature stands of a mixture of pine, fir and larch with local patches of spruce and cedar. Parts of the property have been clear-cut and selectively logged with most of the logging occurring in the past 30 years.



HORN/PAKK PROPERTY

Property Location Map

Scale: ~1:1,600,000 | Date: Nov/01

Mapsheet | FIGURE 1

Chapleau Resourses Ltd.

1.40 History of Previous Exploration for Rare Metals and Industrial Minerals

The central portion of the Hellroaring Creek pegmatite stock was first staked in 1958 as a beryllium prospect by H.Bennett of Cranbrook who located the Linda and Linda 1 claims on a pegmatite showing in which he found beryl crystals. International Beryllium Corporation was formed in 1961 to prospect the property, which had been expanded to 32 claims. Some 1,219 metres of trenching was done before the project was abandoned.

The property was acquired by Canuck Beryllium Corporation, and a small amount of stripping and open-cutting was reported done by the company in 1963. An agreement between Canuck Beryllium, a subsidiary of Peace River Petroleum Ltd., and Richfield Oil Corporation of California for prospecting and development work on the property was announced in August 01, 1965. Under the terms of the agreement, Richfield Oil had control over operations. Work in 1965 was limited to blasting and sampling some 365.7 metres of trench. This work was reported to indicate 500,000 tons averaging 0.1% BeO (Bearcat Explorations Ltd. News Release, 1/02/1984), or 450,000 tonnes of 0.1% BeO (Assessment Report 13415, p.21,) contained in the north end of the stock. The conclusion was made that the beryllium reserves were not of sufficient grade to warrant further development of the property as a beryllium prospect.

Approximately 4,550 acres of mineral claims covering these showings were acquired in early 1984 by Bearcat Explorations Ltd. (80%) and Colt Exploration (Western) Ltd. (20%). A joint venture agreement in the same year with Fairholme Development Ltd. and Barnwell Industries Inc. provided financing for the initial stage of exploration. Work carried out in 1984 by Lumberton Mines Ltd., Bearcats 100%-owned subsidiary, included trenching and 500 metres of diamond drilling in 7 NQ drill holes. Further work in 1985-86 included 2,584 metres of diamond drilling in 29 holes, and a bulk sample flotation test. The work delineated three surface areas with significant high-grade ceramic feldspar. Potential by-products are high-grade mica, high-grade silica, and a minor amount of beryllium in the form of beryl. Tests carried out by CANMET indicate that the pegmatite can be processed to produce feldspar and mica concentrates that meet industry standards with full liberation at 50 mesh.

A study of the property by governmental geologists was simultaneously conducted. In particular, R.Mulligan visited the property in the mid-1960's and reported that "... the pegmatite is a part of a large mass that extends across the ridge from Hellroaring Creek to Angus Creek. Beryl is also found in Angus Creek ... most of the beryl was intimately associated with muscovite near the boundaries of quartz segregations. Columbite-tantalite occurs in crystals more than an inch across ... minor amounts of tin were reported in composite samples of pegmatite ..." (Geology of Canadian Beryllium Deposits: Geological Survey of Canada Economic Geology Report N 23 (1968)).

1.50 Scope and Purpose of Work

In late 2000, a 9 hole diamond drilling program, totaling 1,370.3 metres, tested the central sector (Hellroaring Creek) of the Horn-Pit-Burn property.

The work was done to elucidate the rare metal potential of the property.

2.00 GEOLOGY

2.10 Regional Geology

The property is situated within the Purcell anticlinorium, west of the Rocky Mountain Trench, and is an elongated uplifted dome of Middle Proterozoic sedimentary and volcanic rocks. The anticlinorium is cored by rocks of the Purcell Supergroup and flanked by Late Proterozoic Windermere rocks and Lower Paleozoic cratonic rocks. The anticlinorium is cut by a number of generally east- or northeast-trending transverse faults that had intermittent movement on them since Middle Proterozoic time. The area is well-known as hosting a number of zinc-lead deposits including the world class Sullivan (SEDEX) deposit.

The oldest rocks exposed in the core of the Purcell anticlinorium are quartzites, siltstones, and argillites of the Aldridge Formation (lower part of the Purcell Supergroup), which host the Sullivan deposit. The lower Aldridge and the lower part of the middle Aldridge Formation is intruded by numerous laterally extensive gabbroic sills referred to as the "Moyie Sills". They are a few tens to several hundred metres thick, and have an isotopic age of approximately 1,440 Ma. The younger rocks are represented by the Windermere Supergroup (850-570 Ma), a sequence of shallow-water sedimentary and volcanic rocks that is well developed north and west of Kimberley, the Cranbrook Formation (Lower Cambrian), and some Cretaceous granitic intrusions.

The age of emplacement of the Hellroaring Creek stock is questionable. The original interpretation of its Proterozoic age (1,300 Ma; Ryan and Blenkinsop, 1971), based on observed relationships with the Moyie sills and radiological age determinations, is not supported by more detailed data showing ambigious relationships between the stock and the gabbroic sills (Eithier et al., 1975) as well as its complicated internal structure with a number of intrusive phases and metasomatic (alteration) zones that may have affected radiological age determinations.

On the other hand, the Hellroaring Creek stock is situated within the inner Cordilleran belt of Mesozoic to Tertiary muscovite and two-mica granite plutons and is very similar to other rare-metal and pegmatite-bearing intrusives found in this belt with respect to its appearance, mineral and petrochemical composition, geochemical signatures as well as the set of related mineralization. This belt includes the White Creek batholith, situated to the north of the property, and extends the whole length of the North American Cordillera,

close to the Rocky Mountain Trench. This plutonic belt controls numerous rare metal (beryllium, tantalum, tin, lithium, etc.) granite and pegmatite occurrences and deposits, which, in accordance to the age of the parental plutons, are believed to be of 90-70 Ma.

2.20 Local Geology

Rare metal mineralization in the area has been documented in the granitic rocks of the Hellroaring Creek stock (located several kilometres to the south) and in rocks of the much smaller (satellitic ?) Matthew Creek stock as well as in related pegmatite and greisen occurrences situated close to the stock contacts.

The Hellroaring Creek stock is a northwest elongated (about 4x1.5 km) pluton of granitic rocks. It has complicated internal structure and is interpreted to incorporate several smaller intrusive bodies representing different intrusive phases. There are also large roof pendants wholly or partially insulated by intrusive rocks.

A number of intrusive phases and facies have been distinguished on a preliminary basis within the stock. These include granodiorites, muscovite-tourmaline and tourmaline-muscovite granites, leucogranites, aplites, etc. General features of the intrusive rocks are their essential enrichment in tourmaline (locally, in excess of 10 percent; local segregations of large tourmaline crystals are also common), accessory garnet (locally, up to several percent), presence of accessory beryl and fluor-apatite; broad occurrence of micropegmatitic and pegmatoid textures and local segregations of large-crystalline minerals (especially K-feldspar, tourmaline, micas), layered textures, strong late- and post-magmatic albite replacement of the rocks and other evidence for a high degree of magma saturation in volatiles.

The Hellroaring Creek stock is surrounded by smaller intrusives found at some distance (hundreds of metres to a few kilometres), interpreted to be satellite stocks or cupolas. Pegmatite bodies are also found at a distance from the main pluton contacts, together with relatively small stocks (large dykes ?) of aplitic granites, probably controlled by the same local-scale fault structures. The contact aureole also incorporates various altered and hydrothermal rocks. Among them, thin bedded lenses of altered pyroxene-garnet skarns (with molybdoscheelite and molybdenite), vein-like bodies of quartz-micaceous greisens, and quartz-sulphide veins (with sphalerite, galena, pyrhotite, etc.) are observed.

A relatively large pegmatite body outcrops in Lightning (Angus) Creek, immediately east of the Hellroaring Creek stock. The pegmatite is represented by very coarse-grained to large-crystalline (single crystals up to 20-40 cm across) rock, which outcrops for several metres. Proximal float fragments of the exposure were observed in the creek for a distance of, at least, 100 m upstream. As a result, a strike length of the pegmatite body of some 100 m can easily be accepted.

The major minerals comprising the pegmatite are K-feldspar, quartz, large books of silverish-white to greenish muscovite, and black tourmaline. Typically, the pegmatite contains about 40 vol.% K-feldspar, 30% quartz, 20% tourmaline, and 10% muscovite,

with local enrichment in some of these minerals. Locally, large (several centimetres across) crystals of greenish beryl are present. Also locally, very large (up to 10-15 cm across) segregations of fluor-apatite are found. Marginal facies of the pegmatite are locally enriched in fine-grained hematite and contain segregations of small well-shaped garnet crystals.

In contrast to pegmatites, greisens are more closely spatially related to the stocks and are commonly superimposed on the granites. Most of the greisens have essentially quartz-muscovite composition (with some minor albite and tourmaline). Essentially quartz-tourmaline greisens are locally observed. Greisenized granites are very common, especially in the interpreted uppermost portions of local granite cupolas. They are essentially enriched in muscovite (up to 40-50%) and associated quartz that form short vein-like aggregations, short stringers and veinlets, or just muscovite-enriched "lenses". Generally, there are very gradual transitions of the greisenized granite to almost unaltered granite. Probably, most of fine- to coarse-grained light-greenish to white beryl occurring at the property is related to greisenization.

Relatively more intensive occurrence of greisens were observed at the Matthew Creek property. These are mainly mica-quartz greisens formed over both granite and host metasedimentary rocks. They contain greenish to even pinkish (Li-enriched, i.e., similar to lepidolite ?) mica in association with quartz and white to light-green beryl.

3.00 DIAMOND DRILLING

3.10 Introduction

In 2000, nine diamond drill holes totaling 1,370.3 metres, were drilled on the Horn/Pakk property. The holes were drilled in two locations in the central (Hellroaring Creek Stock) and northeastern parts of the property.

Drill holes HL00-6 to 9 were drilled within the central part of the Hellroaring Creek stock, where the greisenized granites with locally abundant visible beryl crystals are outcropped on the surface.

Drill holes HL00-3 to 5 were also drilled within the central part of the Hellroaring Creek stock, in approximately 500 meters to the north-northeast of the above cluster of drill holes, where the greisenized granites with visible and often large beryl crystals are also outcropped on the surface.

Drill hole PAKK00-15 was drilled approximately 5.5 km west of the Hellroaring Creek stock, on the west side of Sinclair Creek. The hole was drilled to deepen a previously drilled hole to test the Sullivan Horizon.

Drilling for hole HL00-3 to 9 was performed by Brittion Bros. Diamond Drilling, Smithers, BC and the core was logged by D.L.Pighin, P.Geo. of Super Group Holdings Ltd., Cranbrook, BC. Drilling of hole PAKK00-15 was done by LeClerc Drilling Ltd. of

Cranbrook, B.C. and the core was logged by Douglas Anderson, P.Eng. of Super Group Holdings Ltd., Cranbrook, B.C. Core is stored at the Vine Property near Moyie Lake.

Figure 2 is the drill hole location map. Complete drill logs are provided in Appendix "A".

Table 1. Diamond Drill Hole Data

Drill Hole	Collar Azimuth	Dip	Elevation (m)	Start (m)	End (m)	Length (m)	Claim
HL00-3	225°	Flat	1460	0	149.4	149.4	
HL00-4	225°	-45°	1460	0	210.4	210.4	
HL00-5		-90°	1460	0.3	100.0	100.0	
HL00-6		-90°	1700	3.0	97.56	97.56	
HL00-7	260°	-45°	1700	0	150.0	150.0	
HL00-8	260°	-20°	1700	0	152.0	152.0	
HL00-9	260°	+14°	1700	0	19.8	19.8	
HL00-10	170°	-45°	1590	0	199.4	199.4	
PAKK00-15	90°	-45°	1960	528.66	820.4	291.74	

3.20 Results

Drill Holes HL00-6 to 10

These four holes tested the central portion of the Hellroaring Creek stock where essential beryllium mineralization was observed on the surface in greisenized pegmatoid granites. Holes HL00-6 to 9 were almost completely drilled in coarse- to medium-grained greisenized pegmatoid granites, with local zones of layered/banded medium- to coarse-grained quartz-feldspar and pegmatitic aggregations sporadically enriched in tourmaline or muscovite.

Significant beryllium ore intersections include:

Hole No	Interval (m)	Width (m)	BeO (g/t)
HL00-6	3.0-26.0	23.0	745
Incl.	3.0-11.0	8.0	1896
Incl.	20.0-26.0	6.0	1207
HL00-7	3.0-6.0	3.0	762
	24.0-26.0	6.0	339
HL00-8	48.0-55.5	7.5	856

The holes have revealed also highly elevated tantalum grades:

Hole No	Interval (m)	Width (m)	Ta2O5 (g/t)
HL00-6	3.0-8.0	5.0	44
Incl.	7.0-8.0	1.0	122
HL00-7	27.0-35.0	8.0	54
Incl.	27.0-28.0	1.0	142
Incl.	34.0-35.0	1.0	111
HL00-8	24.7-25.7	1.0	165

Drill Holes HL00-3 to 5

These three holes were positioned some 500 metres to NNE of the previous cluster of holes. They were targeted to test the north-east flank of the central portion of the Hellroaring Creek stock, where beryl dissemination is especially abundant in surface outcrops of greisenized pegmatoid granites. The holes were collared in these granites, and have intersected them for most of hole length. Holes HL00-4 and 5, in their lower intervals, intersected thick packages of gabbro (Moyie sills), lamprophyres, and metasediments. The holes, however, failed to reveal significant beryllium or tantalum intersections.

Drill Hole Pakk00-15

Drill hole Pakk00-15 deepened a previously drilled hole by 291.74 metres, from 528.66 metres, to test strata at Sullivan Time. Sullivan Time strata, comprised of thin-bedded to laminated to massive wackes, were intersected between 621.25 to 636.04 metres. Mineralization in the hole consisted of limited pyrrhotite along bedding and in localized patches. Soft sediment deformation and fragmentals were also identified between Sullivan time strata and the top of Lower Aldridge sediments (between 636.04 and 761.90 metres).

4.00 SUMMARY AND CONCLUSIONS

The exploration at the Horn/Pakk property revealed a large rare metal-bearing granite-related magmatic-hydrothermal system that is similar, in general features, to those known worldwide as hosting large-reserve (but commonly relatively low-grade) rare metal (mainly tantalum) deposits. Although no significant rare metal ore bodies (with consistent and high economic grades of beryllium and tantalum) have yet been discovered, the results briefly described above have to be considered as rather encouraging. A number of economic- or elevated-grade beryllium and tantalum intersections show essential potential of the property.

In this regard, it has to be taken into account that the exploration was conducted within a relatively minor portion of the property that is, probably, not larger than some 10% of the Hellroaring Creek stock surface area and, respectively, not larger than some 5% of the property total area. As a result, the focus of further exploration activity has to be aimed to revealing, rough contouring and preliminary assessment of other potentially ore-bearing sectors within the property.

As a target for immediate drilling exploration, the Lightning (Angus) Creek sector of the property might be considered, as this sector includes the only large rare metal pegmatite body known at the property, with (according a limited number of surface grab samples) locally high tantalum and beryllium grades.

Signed: S. Soloviev

Serguei Soloviev, Ph.D.,Sci.D.(Geol.)

5.00 ITEMIZED COST STATEMENT
Drill holes HL-00-3 to 10 holes
Drilled on Horn 128,130,146,147,150,152,154/ Beryl 1&2
Statement of Work # 3170610/ Sept.4/01

STATEMENT OF EXPENITURES

Direct

Britton Bros. Diamond Drilling, Smithers, B.C.	
8 holes totalling 1078.56 metres	$ 61,370.00

Indirect

Geological Services	
Doug Anderson, P.Eng./core review	
5 days @ $330/day	1,650.00
Dave L. Pighin,P.Geo./program design & supervision, core logging, etc.	
36 days @ 330/day	11,880.00
Serguei Soloviev, Ph.D./report writing	
1.5 day @ $400/day	600.00
Labourer	
Brian Collison/haul core, layout core, cut core, etc.	
21 days @ $198/day	4,158.00
Assays	
Acme Analytical Laboratories, Vancouver, B.C.	
495 samples @ $24.50/sample	12,127.50
Equipment Rental	
Lost Creek Contractor, Fort Steele, B.C.	
Water Truck – 13 days @ $26/day	338.00
Western Star Tractor trailer – haul water tank	
7.5 hrs. @ $71.44/hr.	535.80
D7 Tractor – Move drill to sites, water bar roads	
29.25 hrs. @ $110/hr.	3,217.50
Core Rack – core storage	1,650.00
TOTAL =	**$97,526.80**

Pakk Drill Hole PAKK-00-15 extension hole
Drilled on Pakk 15 claim
Statement of Work # 3169942/August 17/01

STATEMENT OF EXPENITURES

Direct

LeClerc Drilling, Cranbrook, B.C.	
1 hole totalling 291.74 m	$ 30,710.65

Indirect

Geological Services	
Doug Anderson, P.Eng./program supervision, core logging, etc.	
21 days @ $330/day	6,930.00
Dave L. Pighin,P.Geo./review core	
1.5 days @ $330/day	495.00
Serguei Soloviev, Ph.D./report writing	
1.5 days @ $400/day	600.00
Labourer	
Brian Collison/haul core, layout core, cut core, etc.	
6.5 days @ $198/day	1,287.00
Transportation	
4X4 Truck – re: geology – 12 days @ $100/day	1,200.00
4X4 Truck – re: labourer – 7 days @ $100/day	700.00
TOTAL =	**$41,922.65**

APPENDIX "A"

DIAMOND DRILL HOLE LOGS
Holes HL00-3 to 10
Pakk00-15

PROPERTY: PAKK-HORN			**HORI COMP:** 149.4 m	**HOLE #: HL00-3**
LOCATION: Hellroaring Stock			**VERT. COMP:** 0 m	**LENGTH: 149.4 m**
COMMENCED: Oct. 12, 2000	**COMPLETED:** Oct 13, 2000		**CORR. DIP:** 0°	
COORDS: (long)	**(lat)**		**TRUE BEARING:** 225°	**DRILL CONTRACTOR:** Britton Bros.
COORDS: (UTM) (E) 559930	**(N)** 5491480	**(EL)**	**% RECOVERY:**	**CORE SIZE:** NQ
COORDS: (grid) (E)	**(N)**	**(EL)**	**LOGGED DATE:** Nov 2000	**CASING:**
ELEVATION: 1460 m	**COLLAR: (dip)** Flat	**(Azi)** 225°	**LOGGED BY:** D.L. Pighin	**CORE STORAGE:** Vine Property
OBJECTIVE:				
SURVEYS: (depth)	**Dip:**	**Azi:**	**Type:**	**Additional Surveys:** **Depth** **Dip** **Azi**

From To	
	LITHOLOGY: Pegmatite with minor thin bands of Greisen and graphic garnite
0-43.0	**TEXTURE:** Coarse to very coarsely crystalline, mainly as perthitic feldspar and muscovite, tourmaline is coarsely crystalline and widely scattered.
	COLOR: mottled, bluish white, white and gray with some black spotting and speckling
	COMPOSITION: The interval in general consists of 65% feldspar, mostly perthite, lesser microcline, albite. 25% gray clear quartz, 1% black tourmaline and 9% muscovite. Apatite in small and large crystals is widely scattered throughout interval. Hyalite forms weakly disseminated small bands.
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: See attached sample sheet 1a
	ADDITIONAL OBSERVATIONS:

From To	
43.0-53.0	**LITHOLOGY:** Mainly perthite with rare thin bands of greisen
	TEXTURE: very coarsely crystalline with some finely crystalline bands
	COLOR: mainly bluish white with minor gray mottling, rare black spotting and speckling
	COMPOSITION: 80% perthite, 15% smoky quartz, 5% muscovite, rare tourmaline
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: massive perthite host rare PbS, ZnS, py and aspy in irregular hairline fractures. Abundant fine black mineral ? generally hosted in hairline fractures, this type of mineralization occurs in the perthite throughout the Interval. See attached sample sheet 2a
From To	**LITHOLOGY:** Mainly pegmatite with bands of greisen
53.0-74.0	**TEXTURE:** Schliem, coarse to very coarsely crystalline, with bands of fine to medium crystalline greisen
	COLOR: mainly bluish white with minor gray mottling
	COMPOSITION: 60% feldspar both perthite and microcline some albite? 35% smoky quartz, 5% muscovite with local concentrations up to 10 or 15%, tourmaline crystals range from nil to local concentrations up to 1 and 2%, rare small crystals of apatite, rare thin zones of weakly disseminated apatite.
	TECTONIC STRUCTURE:
	GENERAL ALTERATION: 68.0 – 74.0m – feldspar altered by apple green fine muscovite
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: at 59.0m – thin 2mm veinlet host PbS and py 68.0 – 74.0m – py as tiny crystals very weakly scattered through as disseminations and in hairline fractures. See attached sample sheet 2a
From To	**LITHOLOGY:** Altered Gabbro, (altered gabbro blocks?)
74.0-75.8	**TEXTURE:** Finely crystalline
	COLOR: dark green
	COMPOSITION: mainly biotite, quartz, plagioclase
	TECTONIC STRUCTURE: contacts at 5° to core axis
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: finely disseminated po throughout. See attached sample sheet 5a

From To	LITHOLOGY: Pegmatite
75.8-80.5	**TEXTURE:** coarsely crystalline
	COLOR: mottled light greenish white, white and gray
	COMPOSITION: 60% greenish feldspar altered microcline? 35% smoky quartz, 1% tourmaline, 4% muscovite
	TECTONIC STRUCTURE:
	GENERAL ALTERATION: feldspar altered by apple green muscovitization
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: weakly disseminated py and rare aspy. See attached sample sheet 5a
From To	**LITHOLOGY:** gabbro dyke or large block
80.5-86.0	**TEXTURE:** finely crystalline
	COLOR: dark green
	COMPOSITION: biotite, quartz & plagioclase
	TECTONIC STRUCTURE: contacts cut core at 20°
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: disseminated po
From To	**LITHOLOGY:** Pegmatite
86.0-94.0	**TEXTURE:** coarsely crystalline
	COLOR: light green mottled gray some black spotting
	COMPOSITION: 55% greenish altered microcline with some patches of perthite, 44% gray quartz, 1% muscovite, widely scattered tourmaline crystals, and altered pink garnet
	TECTONIC STRUCTURE:
	GENERAL ALTERATION: fine apple green muscovitization of feldspar
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: py and aspy weakly disseminated throughout unit, also occur in widely scattered hairline quartz fractures, locally aspy can be relatively abundant. See attached sample page 5a.

From To	
94.0-104.5	**LITHOLOGY:** gabbro dyke or inclusion
	TEXTURE: finely crystalline
	COLOR: dark green
	COMPOSITION: mainly biotite, quartz, plagioclase
	TECTONIC STRUCTURE: contact cuts core at 35°
	GENERAL ALTERATION: bands and irregular veins of albititization, lower 4 meters altered to quartz and fine greenish muscovite
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: weakly disseminated po throughout. See attached sample page 5a.
From To	**LITHOLOGY:** Pegmatite with some thin bands of greisen and graphic granite
104.5-118.5	**TEXTURE:** mainly coarsely crystalline with bands medium crystalline rocks
	COLOR: whitish gray, white and gray mottling with scattered black spotting
	COMPOSITION: 60% greenish and white microcline, some patches of perthite, 35% smoky quartz, 5% muscovite, with local concentrations up to 15%. Tourmaline ranges from trace to local concentrations of 5%, rare pink garnet, rare some specks of apatite
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: 110-6-110.8m – shear zone hosts 20% fine euhedral py. Rare and widely scattered fine disseminated py throughout unit. See attached sample sheet 5a.
From To	**LITHOLOGY:** Graphic Granite
118.5-137.5	**TEXTURE:** generally coarse to very coarse crystalline, some zones of very coarse muscovite, rare large tourmaline crystals, most of the interval has a coarse crystalline graphic texture
	COLOR: generally white mottled light gray
	COMPOSITION: In general 60% white microcline-albite, some zones of greenish feldspar, 32% smoky gray clear quartz, 10% muscovite, with local zones up 25% tourmaline, rare and widely scattered, some widely scattered small apatite
	TECTONIC STRUCTURE:
	GENERAL ALTERATION: greenish muscovitization of some feldspar
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: weakly disseminated py in widely scattered thin zones. See attached sample sheet 5a.

From To	
137.5-149.4	**LITHOLOGY:** Tourmalinitic pegmatite and greisen, some bands of graphic granite
	TEXTURE: Schliem, coarsely crystalline interbanded medium crystalline zones
	COLOR: mottled, white and gray with abundant black speckling and spotting
	COMPOSITION: 50% microcline, perthite and albite, 40% smoky quartz, 5% tourmaline, 5% muscovite, rare apatite, abundant disseminated pink garnets
	TECTONIC STRUCTURE:
	GENERAL ALTERATION: patchy greenish muscovite alteration of feldspar
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: See attached sample sheet 5a.
From To	
149.4	**END OF HOLE**

HOLE NO. 4.L00-3

PAGE NO. 1A

METERS	% Feldspar	% Quartz	% Tourm.	% Muscovite	Page & Log	Mineralization, Alteration, Lessor Mineral Components.	Sample No.	Width	Cs	Ga	Nb	Rb	Ta	Be
0-6.0	60	30	1	9	1	Core loss 50%; abund. limonite & Pyrolusite	9730	6.0	15.6	[illegible]	6.3	303.5	1.9	[illegible]
6.0-7.0	65	25	tr	10	1	Coarsely xlln, mainly Perthite, Some Apitite xls.	9731		27.0	12.7	6.8	584.5	2.5	[illegible]
7.0-8.0	65	25	tr	10	1	" " , " " , " " ", thin zones diss. Hylaite .	9732		37.7	10.7	1.5	714.5	1.1	[illegible]
8.0-9.0	50	45	Tr	5	1	" " , microcline , " " " , " " " " .	9733		5.0	[illegible]	5.2	347.9	2.3	[illegible]
9.0-10.0	80	15	Tr	5	1	" " , mainly Perthite,	9734		25.7	7.7	5.4	368.3	[illegible]	[illegible]
10.0-11.0	80	15	Tr	5	1	" " , " " ,	9735		21.3	[illegible]	3.0	[illegible]	2.0	[illegible]
11.0-12.0	50	45	1	4	1	" " , " " , Some large Tour. Needles, rare colored Brown garnets.	9736		13.6	3.0	4.6	188.6	1.3	
12.0-13.0	50	40	1	9	1	" " , mainly Microcline, " " " , " , " " Brown & Pink garnets	9737		2.0	17.3	10.8	27.4	7.2	
13.0-14.0	50	40	1	9	1	" " , " " , " " " " , 50 cm weak Diss. Hylaite.	9738		3.0	15.4	6.4	63.4	2.1	[illegible]
14.0-15.0	50	30	1	19	1	" " , mixed Perthite + Microcline, " " " , 10 cm " " "	9739		10.0	[illegible]	16.7	177.0	4.8	[illegible]
15.0-16.0	50	40	1	9	1	" " , " " + " , " " " " , rare apitite xls.	9740		18.6	14.9	7.0	402.2	2.3	[illegible]
16.0-17.0	80	15	Tr	5	1	" " , mainly Perthite,	9741		21.6	3.9	9.3	453.5	2.4	[illegible]
17.0-18.0	80	15	Tr	5	1	" " , mixed Perthite & micro.,	9742		17.6	18.2	17.3	398.1	2.9	[illegible]
18.0-19.0	60	30	Tr	10	1	" " , " " + " , Some large Apitite,	9743		13.1	[illegible]	19.3	276.9	4.2	[illegible]
19.0-20.0	80	15	tr	5	1	" " , mainly Perthite " " " ,	9744		35.3	0.9	4.7	[illegible]	1.9	[illegible]
20.0-21.0	40	40	Tr	20	1	" " , Mixed Perthite + Micro, Some Yellowish Fluor.	9745		12.4	23.9	29.6	318.9	3.5	9
21.0-22.0	40	40	tr	20	1	" " , " " + " , Some garnets.	9746		2.5	15.1	7.4	65.9	2.9	[illegible]
22.0-23.0	60	20	tr	20	1	" " , " " + " , Some Yellowish Fluor. Some weak apitite.	9747		26.6	15.6	16.4	287.1	8.3	[illegible]
23.0-24.0	60	20	tr	20	1	Some Greisen Bands, weak apitite, 50cm of weak diss. Hylaite.	9748		14.3	13.4	4.4	291.9	2.5	[illegible]
24.0-25.0	70	25	tr	5	1	Coarse xlln, mainly Perthite	9749		35.7	12.5	2.5	104.8	1.5	[illegible]
25.0-26.0	65	25	5	5	1	Coarse xlln + Greisen,	9750		8.3	14.8	4.7	[illegible]	7.3	[illegible]
26.0-27.0	50	40	2	8	1	Coarse xlln, mainly Perthite,	9751		11.8	15.6	13.5	192.2	4.2	[illegible]
27.0-28.0	50	40	2	8	1	" " , " " ,	9752		26.4	11.6	3.4	420.8	1.1	[illegible]
28.0-29.0	60	35	1	3	1	" " , " " , rare Apitite	9753		18.5	13.0	5.7	361.8	4.2	[illegible]
29.0-30.0	50	45	tr	5	1	" " , Mixed Perthite + Micro , diss Pyrite.	9754		10.5	15.1	8.8	201.4	1.6	23
30.0-31.0	80	15	tr	5	1	" " , " " + " , Some Weak Apitite.	9755		8.8	12.5	8.9	156.1	3.9	3
31.0-32.0	50	40	2	8	1	" " , " " + " ,	9756		[illegible]	10.1	3.1	377.0	1.1	[illegible]
32.0-33.0	50	35	2	13	1	" " , " " + " , Some Very Coarse xtl. musc.	9757		25.0	28.0	105.9	382.0	64.6	[illegible]
33.0-34.0	60	35	1	3	1	" " , " " + " ,	9758		22.1	11.1	2.8	444.3	1.1	7
34.0-35.0	60	40	Tr	10	1	" " , " " + " , Some Very Coarse xtl. Musc.	9759		16.8	16.4	7.5	323.0	2.3	14
35.0-36.0	60	40	tr	10	1	" " , " " + " ,	9760		30.2	22.5	27.8	566.5	5.1	9
36.0-37.0	80	15	tr	5	1	" " , mainly Perthite ,	9761		50.0	18.8	20.1	761.6	3.8	432
37.0-38.0	50	45	Tr	5	1	" " , mainly Micro. , Some greenish Feldspar, rare apitite	9762		4.1	11.5	4.0	38.4	2.7	21
38.0-39.0	50	45	Tr	5	1	" " , Mixed Feld. , 50 cm smoky Quartz.	9763		34.2	[illegible]	1.1	270.2	6.8	179
39.0-40	50	45	Tr	5	1	" " , " " ,	9764		1.7	13.4	1.5	33.3	0.7	10
40.0-41.0	50	45	tr	5	1	" " , " " , rare diss. Hylaite	9765		2.8	13.8	34.5	46.5	34.3	10

NOTE: all % is estimated

NOTE: all assays in P.P.M.

227 80 W (marginal note bracketing samples 9761–9763)

664.8   1384

53

HOLE NO. H.L. 00-3

PAGE NO. 2A

METERS	% feldspar	% Quartz	% Tourm.	% Muscvite	Pom Di. Log	Mineralization, Alteration, Lessor Mineral Components.	Sample No.	width	Cs	Ga	Nb	Rb	Ta	Be
41.0-42.0	50	40	TR	10	1	Coarse altn., MIXED Micro + Perthite, thin zone weak Hydrothe.	9766		16.2	11.3	7.8	275.7	1.7	4
42.0-43.0	50	40	TR	10	1	" " " " " "	9767		11.7	12.2	5.2	78.1	4.7	12
43.0-44.0	60	35	TR	5	2	mainly Perthite, 10 cm Qtz. Vein, Calcite, Sphalerite, Arsenopyrite, Black Mineral on Frac.	9768		20.5	6.3	0.9	33.3	0.5	2
44.0-45.0	80	5	NIL	5	2	" " " " " " " " " "	9769		33.8	12.3	2.3	177.7	1.3	3
45.0-46.0	80	5	NIL	5	2	" " " " " " " " " "	9770		25.6	13.3	3.6	166.3	1.5	2
46.0-47.0	80	5	NIL	5	2	" " " " " " " " " "	9771		21.5	11.9	1.6	102.0	0.7	6
47.0-48.0	80	5	1	4	2	" " " Thin Band (20 cm) greisen with abund Tourm. " "	9772		18.8	15.1	6.9	235.8	1.4	3
48.0-49.0	60	35	1	4	2	" " " " " " " " " "	9773		17.0	12.9	2.8	354.7	2.0	3
49.0-50.0	60	35	1	4	2	mainly microcline, Scattered Tourmaline	9774		25.6	12.3	4.2	516.6	2.2	10
50.0-51.0	60	35	1	4	2	MIXED MICRO-Perthite, 50% Core Loss.	9775		24.6	10.2	1.3	130.6	1.4	8
51.0-52.0	70	25	1	4	2	mostly Perthite	9776		23.7	16.4	9.0	100.7	4.3	45
52.0-53.0	60	30	2	8	2	mostly microcline, with Scattered large Tourmaline Needles.	9777		12.4	12.8	3.9	349.6	2.5	5
53.-54.0	50	43	1	4	3	Coarsely altn Peg., MIXED micro-perthite	9778		26.9	12.7	11.7	556.0	4.6	3
54.0-55.0	50	43	TR	7	3	" " " " " "	9779		26.5	12.2	7.0	287.5	7.2	"
55-56	50	43	TR	7	3	" " " " " " abund dark Brown oxides	9780		26.2	12.8	3.5	745.1	2.9	179
56.0-57.0	50	43	1	6	3	" " " " " " " "	9781		20.5	18.2	12.7	167.1	10.9	6
57.0-58.0	50	43	1	6	3	" " " " " " " " abund dark Brown oxides	9782		9.8	13.8	6.1	233.0	9.8	13
58.0-59.0	50	43	2	5	3	" " " " " " " " Thin Qtz-Calcite Vein let.	9783		2.5	12.8	2.0	38.1	1.4	12
59.0-60.0	50	45	TR	5	3	Coarsely altn with thin Band of Greisen,	9784		5.5	14.0	1.5	123.3	0.7	7
60.0-61.0	50	45	TR	5	3	" " " " " "	9785		2.1	15.5	3.4	65.5	2.5	10
61.0-62.0	"	"	"	"	3	" " " " " "	9786		7.8	10.5	4.9	175.5	3.9	16
62.0-63.0	"	"	"	"	3	" " " " " "	9787		10.7	8.9	2.2	212.9	1.6	4
63.0-64.0	"	"	"	"	3	" " " " " "	9788		6.4	14.5	9.0	109.2	2.0	8
64.0-65.0	"	"	"	"	3	" " " " " "	9789		9.0	13.7	5.8	256.1	2.7	12
65.0-66.0	"	"	"	"	3	" " " " " "	9790		4.9	13.3	9.1	141.5	3.7	11
66.0-67.0	"	"	"	"	3	" " " " " "	9791		5.2	14.6	5.2	155.1	3.5	10
67.0-68.0	"	"	2	"	3	" " " " " " Feldspar becomes Lite greenish white, garnet + Pyrite weak	9792		4.7	15.7	7.9	120.3	4.0	12
68.0-69.0	55	38	2	5	3	" " " " " " " " " " garnet + Pyrite in frac	9793		2.4	14.1	3.0	241.2	2.0	14
69.0-70.0	55	38	2	5	3	" " " " " " " " " " " " " "	9794		2.2	13.4	1.9	256	1.1	13
70.0-71.0	55	38	2	5	3	" " " " " " " " " " " " " "	9795		7.4	11.0	0.8	165.3	1.1	8
71.0-72.0	55	38	2	5	3	" " " " " " " " " " " " " "	9796		17.7	9.9	1.9	364.0	1.8	5
72.0-73.0	55	38	2	5	3	" " " " " " " " " " " " " "	9799		7.3	10.6	2.4	203.5	1.6	10
73.0-74.0	50	45	TR	5	3	" " " " " " " " " " " " " "								

NOTE: all % is estimated

NOTE: all assays in P.P.M.

477.6 99.5

118.5

HOLE NO. H.L. 00-3

PAGE NO. 5A

METERS	% Feldspar	% Quartz	% Tourm.	% Muscovite	Page Dr. Log	Mineralization, Alteration, Lessor Mineral Components.	Sample No.	Width	Cs	Ga	Nb	Rb	Ta	Be
74.0-76.						No Sampling mainly Gabbro.								
76.0-77.0	60	35	1	4	5	Coarsely xtln, greenish Feld., Some diss. Pyrite, rare Arseno.	9798		12.4	16.6	5.8	264.9	2.1	13
77.0-78.0	"	"	"	"	5	" " " " , " " , " " , thin scheelite vein.	9799		12.4	19.6	14.2	303.9	3.9	[illegible]
78.0-79.0	"	"	"	"	5	" " " " " " " " "	9800		18.6	12.0	43.4	367.9	16.0	[illegible]
79.0-80.0	"	"	"	"	5	" " " " " " " "	9801		8.0	13.0	2.2	177.0	1.0	16
80.0-81.0	"	"	"	"	5	" " " " " " , Partly gabbro	9802		6.6	16.3	5.9	64.7	2.5	11
81.0-82.0	—	—	—	—	5	All gabbro - with diss pyrrhotite	9803		26.4	24.4	19.5	185.8	2.5	10
82.0-86	—	—	—	—		No Sampling all gabbro.								
86-87.0	55	44	Tr	1	7	Greenish Feld. weakly diss. Pyrite & Arsenopyrite Through-out.	9804		6.6	13.6	5.6	300.5	1.0	5
87.0-88.0	"	"	"	"	7	" " " " " " " " "	9805		11.3	16.9	7.5	455.6	1.8	12
88.0-89.0	"	"	"	"	7	" " " " " " " " "	9806		8.6	15.8	2.8	229.3	1.8	16
89.0-90.0	"	"	"	"	7	" " " " " " " " "	9807		4.3	14.4	3.0	115.1	1.8	13
90.0-91.0	"	"	"	"	7	" " " " " " " " "	9808		12.6	12.5	2.4	296.2	1.4	17
91.0-92.0	"	"	"	"	7	" " " " " " " " "	9809		19.4	13.4	3.5	530.5	2.2	6
92.0-93.0	"	"	"	"	7	" " " " " " " " "	9810		10.0	13.5	2.5	327.1	1.6	11
93.0-94	"	"	"	"	7	" " " " " " " " "	9811		7.0	13.4	0.8	371.4	0.6	3
94.0-104.5		Gabbro				NO SAMPLING.								
104.5-105.5	45	40	2	8	9	abund. Fine Musc. Alteration rare thin Qtz Vein Pb-Zn-Py-	9812		2.9	15.4	57.0	119.9	58.0	14
105.5-106.5	50	45	Tr	5	9	Coarse Xtln. to Med. Xtln. Some greenish Feld.	9813		1.6	12.5	11	5.2	0.8	5
106.5-107.5	45	45	5	5	9	med xtln.	9814		1.3	13.3	1.3	38.2	0.9	17
107.5-108.5	60	35	tr	5	9	Coarse xtln, Some Perthite - , Some green Feld.	9815		2.0	14.0	4.9	45.1	5.6	18
108.5-109.5	60	35	tr	5	9	20 cm of good Pyrite Min. 20%	9816		9.2	12.0	2.8	154.0	2.4	7
109.5-110.5	60	35	tr	5	9	rare garnets & some green feld.	9817		10.5	12.9	14.7	111.7	7.3	25
110.5-111.5	60	35	Tr	5	9	Limonitic in spots.	9818		3.4	12.1	10.1	88.6	5.6	14
111.5-112.5	60	35	Tr	5	9	" " "	9819		18.8	16.6	33.8	321.2	16.0	184
112.5-113.5	60	35	Tr	5	9	" " "	9820		24.5	12.3	8.3	438.1	2.5	9
113.5-114.5	45	45	tr	10	9	very Coarse xtln., abund Coarse Musc.	9821		18.2	15.0	19.0	395.0	4.4	2
114.5-115.5	60	35	tr	5	9	" " " , Some green feld., Some small aplite xtls.	9822		3.4	16.9	8.9	76.0	2.0	10
115.5-116.5	60	30	1	5	9	Coarse xtln - med xtln in part, rare aplite.	9823		8.4	18.1	11.9	172.7	2.6	8
116.5-117.5	60	30	2	8	9	" " - " " " " ,	9824		12.7	18.1	14.1	214.2	3.8	14
117.5-118.5	60	34	1	5	9	Mainly Coarse xtln, abund green feld.	9825		2.9	13.6	26.2	71.7	10.4	6

NOTE: all % is estimated

NOTE: all assays in P.P.M.

123.0 1625

HOLE NO. 'L.003

PAGE NO. 10A

METERS	% Feldspar	% Quartz	% Tourm.	% Muscovite	Page Drill Log	Mineralization, Alteration, Lessor Mineral Components.
118.5-119.5	45	45	Tr	5	10	Coarsely altd. Some Greenish Alteration in Felds, 40cm thick Smoky Qtz Vein.
119.5-120.5	60	35	Tr	5	10	mainly Graphic Granite, rare Pyrite, Rare Small Pink Red Fluor.
120.5-121.5	"	"	"	"	10	" " " , rare " , rare Small Pink Red Fluor.
121.5-122.5	"	"	"	"	10	" " " , " " , Some Greenish alt. of Felds.
122.5-123.5	"	"	"	"	10	" " " , " " , " " " "
123.5-124.5	"	"	"	"	10	" " " , " " , " " " "
124.5-125.5	70	25	"	"	10	Pegmatite Coarse gr.) abund Perthite.
125.5-126.5	60	30	"	10	10	" " , abund. Coarse Musc.
126.5-127.5	50	30	"	20	10	" " " " "
127.5-128.5	60	25	"	5	10	" " " " "
128.5-129.5	60	20	"	10	10	" " " " "
129.5-130.5	60	20	"	10	10	Silicified mylonite & Zone mainly Banded Chert and albite
130.5-131.5	30	70	Tr	Tr	10	Peg. Coarse altn, abund. Perthite, Some large xtls of Black Tourmaline
131.5-132.5	60	35	2	3	10	" " " " " " " " " "
132.5-133.5	60	35	Tr	5	10	" " " " " " " " " "
133.5-134.5	60	35	Tr	5	10	Cavity 50% core loss.
134.5-135.5	60	34	1	5	10	Peg. coarse altn., Greenish Felds.
135.5-136.5	70	25	1	5	10	" " " " , Some Coarse Tourm., Some Scattered Pink garnets
136.5-137.5	70	19	1	10	10	" " " " , abund. Coarse Muscovite.
137.5-138.5	50	40	5	5	11	Peg. interbedded gneiss, abund. Pink garnet, Locally up 20% by vol.
138.5-139.5	50	40	5	5	11	" " " " " " " " " "
139.5-140.5	50	40	5	5	11	" " " " " " " " " "
140.5-141.5	50	40	5	5	11	" " " " " " " " " "
141.5-142.5	50	40	5	5	11	" " " " " " " " " " , Scattered Small-med xtls of GARNET
142.5-143.5	50	40	5	5	11	" " " " " " " " " " " " " " " "
143.5-144.5	50	40	5	5	11	
144.5-145.5	50	50	Tr	Tr	11	Mainly very Coarse Peg., 30 cm Pure Smoky Qtz. Mostly Perthitic Felds, some rare garnets
145.5-146.5	50	50	Tr	Tr	11	" " " " " " " " " " " " " " " "
146.5-147.5	50	40	5	5	11	" " " " " " " " " " , Some more garnets
147.5-148.5	50	40	5	5	11	Peg. interlayered gneiss, rare spotlike xtls.
148.5-149.4	50	40	5	5	11	" " " " " " " " " "
END OF HOLE						

NOTE: all % is estimated

Sample No.	Width	Cs	Ga	Nb	Rb	Ta	Be
2826		15.4	11.1	6.7	328.1	3.0	3
2827		22.7	11.0	3.3	441.9	1.8	4
2828		25.9	11.4	3.9	532.2	2.5	2
2829		24.6	11.4	2.9	502.7	1.7	3
2830		18.3	11.2	1.0	400.9	.9	3
2831		27.0	11.8	2.3	617.4	1.5	4
2832		17.7	12.6	1.1	445.9	0.2	5
2833		6.9	15.2	33.3	231.8	9.2	9
2834		9.7	24.5	33.9	280.0	8.2	10
2835		28.9	18.1	20.0	620.1	3.7	4
2836		20.5	16.3	15.8	467.1	3.4	1
2837		4.8	18.0	13.7	134.6	9.0	7
2838		4.1	12.0	17.1	108.2	5.1	72
2839		10.6	14.0	5.1	242.3	1.7	7
2840		11.6	11.4	11.7	262.8	1.0	11
2841		15.7	16.9	11.0	306.7	3.6	16
2842		13.8	18.1	13.4	256.1	6.3	57
2843		29.3	20.8	20.0	593.9	7.7	19
2844		23.0	18.6	17.5	407.7	3.6	42
2845		17.6	15.6	8.4	246.7	4.2	9
2846		24.0	19.4	20.0	243.8	11.1	90
2847		17.7	12.4	8.6	253.1	7.2	18
2848		14.1	10.4	1.7	237.8	1.3	82
2849		15.5	16.9	14.0	287.4	5.3	26
2850		13.3	14.5	6.1	229.3	2.9	12
2851		11.3	17.0	9.5	173.9	5.0	14
2852		20.2	11.0	6.1	275.4	3.1	16
2853		20.8	14.6	10.8	444.8	2.4	7
2854		17.2	18.8	15.5	313.8	32	7
2855		23.1	15.9	13.0	437.2	7.0	9
2856		12.9	19.7	17.0	245.4	4.6	24
		NOTE: all assays in P.P.M.					
		538.4				114.7	

DRILL HOLE RECORD **CHAPLEAU RESOURCES LTD.**

PROPERTY: PAKK/HORN		**HORI COMP:** 148.7	**HOLE #: HL00-4**
LOCATION: Hellroaring Stock		**VERT. COMP:** 148.7	**LENGTH: 210.4 m**
COMMENCED: Oct 9, 2000	**COMPLETED:** Oct 11, 2000	**CORR. DIP:** -45°	
COORDS: (long)	**(lat)**	**TRUE BEARING:** 225°	**DRILL CONTRACTOR:** Britton Bros.
COORDS: (UTM) (E) 559930	**(N)** 549 1480 **(EL)**	**% RECOVERY:**	**CORE SIZE:** NQ
COORDS: (grid) (E)	**(N)** **(EL)**	**LOGGED DATE:** Nov 2000	**CASING:**
ELEVATION: 1460 m	**COLLAR: (dip)** -45° **(Azi)** 225°	**LOGGED BY:** D.L. Pighin	**CORE STORAGE:** Vine Property
OBJECTIVE:			
SURVEYS: (depth)	**Dip:** **Azi:**	**Type:**	**Additional Surveys:**
			Depth **Dip** **Azi**

From To	
	LITHOLOGY: Tourmalinitic Pegmatite
0-7.0	**TEXTURE:** coarsely crystalline feldspar and muscovite with fine to medium crystalline tourmaline
	COLOR: white, mottled gray with black speckling
	COMPOSITION: 60% microcline-albite, 35% smoky quartz, 4% tourmaline, 1% muscovite, pink garnets weakly disseminated throughout with thin local concentrations up to 5 or 10%. Apatite and hylalite widely scattered throughout.
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: limonitic and pyrolusite on fractures. See attached sample sheet 1a.

From To	
7.0-10.5	**LITHOLOGY:** Mainly perthite (feldspar)
	TEXTURE: very coarse crystalline
	COLOR: gray-bluish white
	COMPOSITION: 90% perthite, minor microcline, 8% gray quartz, 2% coarse muscovite, very rare tiny tourmaline crystals
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: See attached sample sheet 1a.
From To	**LITHOLOGY:** Quartz
10.5-12.5	**TEXTURE:** coarsely crystalline
	COLOR: smoky gray
	COMPOSITION: vein cuts core at 60°
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: See attached sample sheet 1a.
From To	**LITHOLOGY:** Leuco-pegmatite
12.5-18.5	**TEXTURE:** very coarsely crystalline
	COLOR: light bluish gray, mottled gray and white
	COMPOSITION: 75% perthite, 20% quartz, 5% muscovite, rare tourmaline. Widely scattered large yellowish-greenish books of muscovite
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: rare large crystals of py. See attached sample sheet 1a.

From To	LITHOLOGY: Pegmatite, interbanded by greisen, both lithologies are tourmalinitic
18.5-27.5	**TEXTURE:** coarsely crystalline, interbanded by medium to finely crystalline bands. Contacts generally cut core roughly at 50° to 45°
	COLOR: generally mottled white and light gray, speckled and spotted black
	COMPOSITION: 60% microcline – albite, 25% smoky quartz, 5% tourmaline, 7% muscovite, garnets 3%, however, greisens contain abundant pink garnets in some cases 10% by volume. Apatite is weakly disseminated throughout the interval, some large crystals of apatite
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: See attached sample sheet 1a.
From To	**LITHOLOGY:** Leuco-pegmatite and tourmalinitic pegmatite
27.5-39.5	**TEXTURE:** coarsely crystalline, locally very coarsely crystalline, some very coarsely crystalline apatite. One crystal of apatite is 3cm x 3cm in cross section
	COLOR: white mottled gray, rare black spotting
	COMPOSITION: 60% microcline, albite and perthitic, 30% smoky quartz, 1% tourmaline, 9% muscovite, widely scattered large apatite crystals, scattered zones weakly disseminated hyalite, some widely scattered garnets
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: See attached sample sheet 1a and 6a.
From To	**LITHOLOGY:** Coarse crystalline pegmatite, banded by greisen
39.5-42.5	**TEXTURE:** Coarsely crystalline banded by medium crystalline units
	COLOR: generally mottled white and gray, fine black speckling
	COMPOSITION: in general 60% microcline, with abundant perthite in pegmatite units, greisen can contain up to 5% pink garnets, 30% quartz, up to 5% fine tourmaline and 5% muscovite
	TECTONIC STRUCTURE: greisen bands generally cut core at angles of 45° to 75°
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: See attached sample sheet 6a.

From To	
42.5-161.7	**LITHOLOGY:** Gabbro Sill
	TEXTURE: Medium crystalline
	COLOR: green
	COMPOSITION:
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE:
From To	**LITHOLOGY:** Meta-sediments, lower aldridge, Pegmatite sill 166.1-166.7m
161.7-190.7	**TEXTURE:**
	COLOR: gray
	COMPOSITION: thin to very thin bedded, generally finely parallel laminated. Bedding to core at 162.0m = 55°; at 176.0m = 41°; at 190.7m = 32°
	TECTONIC STRUCTURE:
	GENERAL ALTERATION: generally altered to muscovitic schist, and muscovite-biotite schist
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE:
From To	**LITHOLOGY:** Leuco-pegmatite Sill Meta Seds 192.0-193.8m
190.7-196.0	**TEXTURE:** coarsely crystalline
	COLOR: white with gray mottling
	COMPOSITION: 85% microcline and perthite, 10% quartz, 5% muscovite, some weakly disseminated apatite
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: rare disseminated py. See attached sample sheet 6a.

From To	
196.0-210.4	**LITHOLOGY:** Lower Aldridge Meta Seds
	TEXTURE:
	COLOR: gray
	COMPOSITION: thin to very thin bedded
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE:
From To	
210.4	**END OF HOLE**

HOLE NO. L.004 — PAGE NO. 1A

METERS	% Feldspar	% Quartz	% Tourm.	% Muscovite	Page in Drill Log	Mineralization, Alteration, Lessor Mineral Components	Sample No.	Width	Cs	Ga	Nb	Rb	Ta	Be
0-1.0	60	35	3	2	1	rare garnets, rare aplite, 50% core loss	09857		3.5	15.1	1.3	76.2	1.1	12
1-2.0	60	35	3	2	1	" ", scattered small aplite xtls, and thin zones of diss Hylaite, 50% core loss	9858		7.9	14.6	3.0	112.9	2.8	8
2-3.0	60	35	3	2	1	" ", " " " " " " " ", — 480	9859		15.0	12.8	2.8	249.6	2.7	6
3.0-4.0	60	35	3	2	1	" ", " " " " " " ",	9860		4.0	19.0	2.5	68.0	2.8	21
4.0-5.0	60	35	3	2	1	" ", " " " " " " ",	9861		2.5	14.2	2.1	45.3	1.8	9
5.0-6.0	60	35	3	2	1	" " , " " " ", " 1m also diss, Hylaite, locally strong diss	9862		1.3	13.2	35.8	20.7	15.5	17
6.0-7.0	60	35	3	2	1	" " , " " " ", " 50cm diss, Hylaite, locally strong diss.	9863		1.4	13.3	1.9	32.7	0.9	12
7.0-8.0	90	8	Tr	2	2	mainly Perthite with some very coarse xtln Muscovite,	9864		11.2	15.2	6.6	269.8	3.8	12
8.0-9.0	90	8	Tr	2	2	" " " " " " " "	9865		28.4	15.3	10.4	611.6	2.1	153
9.0-10.5	90	8	Tr	2	2	" " " " " " " "	9866	1.5	36.4	18.6	18.9	752.5	4.4	3
10.5-11.5	2	98	NIL	NIL	3	mainly Quartz	9867		4.9	3.6	15.5	84.0	4.6	5
11.5-12.5	2	98	NIL	NIL	3	" "	9868		2.2	1.6	3.5	29.8	3.7	11
12.5-13.5	90	5	NIL	5	4	mainly Perthite,	9869		30.6	11.2	0.7	813.9	0.4	27
13.5-14.5	90	5	NIL	5	4	" " ,	9870		16.5	11.5	8.0	201.3	2.9	187
14.5-15.5	90	5	NIL	5	4	" " , Some scattered Aplite xtls.	9871		22.6	14.5	4.4	467.9	2.5	90
15.5-16.5	45	45	Tr	10	4	50% gary quartz, Some very coarse xtln greenish Muscovite,	9872		12.8	13.4	32.5	214.3	16.9	39
16.5-17.5	45	50	Tr	5	4	50% " " " " " ")	9873		11.6	9.1	23.2	176.3	16.3	37
17.5-18.5	60	35	Tr	5	4	abund. Perthite, " " " " ")	9874		12.9	14.4	16.9	229.3	8.3	325
18.5-19.5	60	35	1	4	5	Weak Aplite, Garnets locally abund, Feld. greenish,	9875		6.2	16.2	8.1	55.3	4.1	10
19.5-20.5	60	37	3	5	5	" " " " " " ")	9876		1.5	17.4	14.2	27.8	7.5	14
20.5-21.5	65	30	1	4	5	50 cm garnetiferous Aplite, rare aplite	9877		5.8	21.7	36.5	113.4	22.1	30
21.5-22.5	65	34	3	3	5	mainly Granitiferous greisen; Some weakly diss small Aplite xtls	9878		1.9	18.6	3.4	26.2	3.3	21
22.5-23.5	65	34	3	3	5	Mixed in thin Band Greisen and Peg, Garnet locally up to 10% in thin Bands	9879		3.4	17.5	3.0	46.8	3.4	23
23.5-24.5	60	32	3	5	5	mainly greisen, abund. garnets - greenish Feld. weak diss. Aplite	9880		4.9	16.2	5.0	98.5	4.1	14
24.5-25.5	60	32	3	5	5	" " , " " " " " "	9881		7.1	16.6	3.4	149.3	1.4	14
25.5-26.5	60	32	3	5	5	Mixed Peg & Greisen, abund. garnets locally, weak aplite Some greenish Feld	9882		20.3	16.7	21.8	276.0	9.8	108
26.5-27.5	60	32	3	5	5	" " " " " " , weak Aplite, " " "	9883		13.9	17.4	14.1	309.4	4.9	4
27.5-28.5	60	35	1	4	6	Coarsely xtln Peg., Aplite xtls small rare, Some Perthite, Greenish Feld	9884		3.9	17.1	4.6	44.0	5.0	19
28.5-29.5	60	30	5	5	6	" " " " " " " , —)	9885		17.1	18.0	8.2	223.5	13.6	11
29.5-30.5	60	34	1	5	6	" " " , 50cm of weak diss. Aplite, —) — , As 330	9886		19.1	15.8	16.5	283.4	15.0	79
30.5-31.5	65	30	1	4	6	" " " , None Aplite, abund. Perthite, —	9887		21.5	15.0	10.4	356.5	9.3	7
31.5-32.5	65	30	1	4	6	" " " , " " , " " —	9888		25.8	14.9	3.0	385.3	2.9	8
32.5-33.5	60	30	Tr	10	6	" " " , " " , —	9889		47.1	14.7	17.2	640.3	7.8	9
33.5-34.5	65	35	Tr	5	6	" " " , " " , NONE —	9890		13.1	17.0	7.9	219.7	2.3	9
34.5-35.5	60	25	5	10	6	" " " , Some Aplite large xtls, abund Perthite, —	9891		22.6	19.9	9.8	430.5	2.2	8
35.5-36.5	65	20	Tr	10	6	" " " , " " , —	9892		24.4	16.8	6.9	459.6	2.0	6

NOTE: all % is Estimated

NOTE: all assays in P.P.M.

Ave. 135 Be (samples 9870–9874)

(36) 485.5 2.4

HOLE NO. 11.00-4

PAGE NO. 6A

METERS	% feldspar	% Quartz	% Tourm.	% Miscmtc	Page in Drill Log	Mineralization, Alteration, Lessor Mineral Components.
36.5-37.5	65	35	Tr	5	6	coarsely xtlline Peg, some Perthite, 10 cm weak diss Hematite,
37.5-38.5	65	35	Tr	5	6	" " " , None " , " " " " "
38.5-39.5	45	50	Tr	5	6	" " " , rare Perthite, " " " " " , rare very large Apatite xtls.
39.5-40.5	60	30	3	7	7	MIXED GREISEN + Peg, rare weak diss Apatite, abund. garnet, some Perthite,
40.5-41.5	60	30	3	7	7	" " " " " " " " " " " " " " " "
41.5-42.5	60	30	3	7	7	" " " " " " " " " " " " " " " "
180.7-191.7	85	10	Tr	5	10	mainly Perthite, rare Pyrite,
191.7-192.7	85	10	Tr	5	10	" " " " "
192.7-193.7	85	10	Tr	5	10	mainly Sediments
193.7-194.7	85	10	Tr	5	10	mainly Perthite, Pyrite, rare Apatite.
194.7-195.7	85	10	Tr	5	10	" " " " "

NOTE: all % is Estimated

Sample No.	Width	Cs	Ga	Nb	Rb	Ta	Be
9893		31.3	14.5	2.6	552.5	1.9	7
9894		9.6	14.3	2.6	193.7	1.7	11
9895		21.6	15.7	23.8	363.1	11.8	8
9896		7.0	16.4	5.2	170.1	3.1	2
9897		9.7	12.4	1.5	267.2	1.1	5
9898		6.3	13.9	3.0	225.5	2.4	3
9899		17.6	13.4	12.9	323.7	7.6	5
9900		20.7	13.3	6.2	378.9	3.2	5
9901		12.8	24.0	28.6	397.1	10.1	12
9902		21.6	10.7	6.1	542.9	1.8	4
9903		7.4	19.9	17.4	164.8	4.0	13

NOTE: all assays in P.P.M.

(11)

165.6 48.7

DRILL HOLE RECORD **CHAPLEAU RESOURCES LTD.** **PAGE 1 OF 4**

PROPERTY: PAKK/HORN			**HORI COMP:**	**HOLE #: HL00-5**
LOCATION: Hellroaring Stock			**VERT. COMP:**	**LENGTH: 100.0 m**
COMMENCED: Oct 8, 2000	**COMPLETED:** Oct 9, 2000		**CORR. DIP:**	
COORDS: (long)	**(lat)**		**TRUE BEARING:** vertical	**DRILL CONTRACTOR:** Britton Bros.
COORDS: (UTM) (E) 559930	**(N)** 549,1480	**(EL)**	**% RECOVERY:**	**CORE SIZE:** NQ
COORDS: (grid) (E)	**(N)**	**(EL)**	**LOGGED DATE:** Oct 2000	**CASING:** 0 – 0.30
ELEVATION: 1460 m	**COLLAR: (dip)** -90°	**(Azi)**	**LOGGED BY:** D.L. Pighin	**CORE STORAGE:** Vine Property
OBJECTIVE:				
SURVEYS: (depth)	**Dip:**	**Azi:**	**Type:**	**Additional Surveys:** **Depth** **Dip** **Azi**

From To	
	LITHOLOGY: Pegmatitic Granite
0.3-18.3	**TEXTURE:** very coarsely crystalline, very large feldspar crystals, widely scattered coarsely crystalline black tourmaline
	COLOR: white mottled light gray with some black speckling
	COMPOSITION: 50% microcline-albite feldspar slightly greenish, 40% clear smoky clear quartz, 2% tourmaline, 2% pink garnets, 10% light green muscovite, some short sections contain up to 30% pink garnets by volume
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: very rare thin py and aspy filled fractures, very widely scattered fractures at 30° and 70° to core. See attached sample sheet 1a.

From To	
18.3-31.6	**LITHOLOGY:** Granite mixed gametiferous pegmatite
	TEXTURE: Schlieren, irregular zones of medium crystalline garnet and very coarsely crystalline gametiferous pematite. Note medium grained granite has abundant finely crystalline tourmaline. Pegmatite very coarse grained tourmaline
	COLOR: white and gray mottling, widely scattered black spotting
	COMPOSITION: 40% white and greenish microcline and albite, 40% smoky clear quartz, 10% tourmaline, 5% pink garnets, 5% greenish and silvery muscovite
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: See attached sample sheet 1a and 2a.
From To	**LITHOLOGY:** Pegmatitic granite
31.6-48.2	**TEXTURE:** coarse to very coarsely crystalline, some meter plus zones of nearly massive, coarsely crystalline perthite, and very coarsely crystalline muscovite
	COLOR: mottled bluish white, white and gray with scattered black spotting
	COMPOSITION: generally 60% microcline-albite (generally perthitic) commonly bluish gray, 25% grayish clear quartzite, 3% tourmalinite, 2% pink garnet, 10% coarsely crystalline silvery muscovite. In some thin bands 10cm or less, garnets up to 50% by volume
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: rare, fine disseminated subhedral py throughout interval. See sample sheet 2a.
From To	**LITHOLOGY:** Pegmatitic granite, some bands of medium crystalline granite
48.2-58.4	**TEXTURE:** very, very coarsely crystalline, feldspar crystals 10 to 20cm thick, scattered bands of very coarsely crystalline muscovite, some 5cm in length
	COLOR: bluish white, mottled smoky gray, rare black spotting
	COMPOSITION: 73% perthic feldspar (bluish gray) 15% smoky gray clear quartz, 10% silvery gray, lesser greenish muscovite, rare small patches of small, pink garnets, widely scattered tourmaline needles.
	TECTONIC STRUCTURE:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: rare disseminated py, widely scattered white to slightly green apatite crystals, generally 1cm to 3cm in cross-section, generally they fluoresce bright orange, bright green fluorescence in some of the quartz might be hyalite. See attached sample sheet 2a and 4a.

From To	
58.4-70.5	**LITHOLOGY:** Mainly granite, with lesser scattered bands and veins of pegmatitic granite
	TEXTURE: Schlieren, mainly medium crystalline with irregular patches and veins of coarsely crystalline pegmatitic granite. Gabbro block from 68.5-69.3m.
	COLOR: mainly greenish white and gray mottling, overprinted by pink and black speckling
	COMPOSITION: 45% white and light greenish albite and microcline, 40% smoky quartz, 5% black tourmaline, generally small euhedral crystals, 5% pink garnets, generally euhedral, 5% silvery and silvery gray muscovite generally finely crystalline
	TECTONIC STRUCTURE:
	GENERAL ALTERATION: greenish feldspar finely muscovitized? Most of the garnets are sericitized and commonly chloritic around the edges
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE:
From To	**LITHOLOGY:** gabbro
70.5-90.0	**TEXTURE:** generally fine grained
	COLOR: green
	COMPOSITION: finely crystalline amphiboles (actinolite and hornblende) in white plagioclase matrix
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE:
From To	**LITHOLOGY:** Lamprophyre Sill
90.0-97.0	**TEXTURE:**
	COLOR: dark brownish black
	COMPOSITION: mainly massive biotite, with some actinolite in the upper part and massive biotite with abundant tourmaline needles in lower part
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: some disseminated po

From	To	
97.0	100.0	**LITHOLOGY:** Siltstone, with some widely scattered pegmatite veins and lenses
		TEXTURE:
		COLOR: gray
		COMPOSITION: medium to thin bedded, bedding sharp-distinct, some very finely parallel laminated beds, bedding to core 53°
		TECTONIC STRUCTURE:
		GENERAL ALTERATION: sed mainly completely altered to sericite and biotite
		MINERALIZATION & ASSOCIATED, HOST STRUCTURE: rare thin irregular veinlets of py and po
From	**To**	
100.0		**END OF HOLE**

DRILL HOLE NO. HL-00-5

PAGE: (1A)

METERS	% FELD.	% QTZ.	% TOURM.	% MUSC.	PAGE IN LOG	MINERALIZATION & ASSOC. ALTERATION, HOST STRUCTURE: MINERALIZATION & LESSOR MINERAL COMPONENTS	sample	length	Cs	Ga	Nb	Rb	Ta	Be
0.3 - 1.0	See	log	—	—	1	Some limonite along fract.	9226	1.3	10.4	20.1	7.7	183.1	4.2	13
1.0 - 2.0	"	"	"	"	1	" " " " , Some their garnetiferous zones.	9227		8.4	20.2	15.8	165.1	5.6	17
2.0 - 3.0	"	"	"	"	1	" " " " , " " " "	9228		13.3	19.3	15.5	229.1	3.1	13
3.0 - 4.0	"	"	"	"	1	" " " " , " " " "	9229		17.7	13.4	7.1	328.5	3.9	7
4.0 - 5.0	"	"	"	"	1	" " " " , " " " "	9230		11.1	17.1	7.2	217.8	4.5	8
5.0 - 6.0	"	"	"	"	1	" " " " , " " " "	9231		7.0	20.1	9.1	193.0	6.1	8
6.0 - 7.0	"	"	"	"	1	" " " " , 50 cm of Limonitic Sedc.	9232		83.8	42.6	58.3	689.2	38.6	36
7.0 - 8.0	"	"	"	"	1	—	9233		5.7	17.1	9.7	112.6	3.3	8
8.0 - 9.0	"	"	"	"	1		9234		6.3	16.0	5.2	134.1	2.7	11
9.0 - 10.0	"	"	"	"	1		9235		6.6	14.7	3.8	134.6	3.2	6
10.0 - 11.0	"	"	"	"	1		9236		13.4	15.7	16.3	252.3	12.1	12
11.0 - 12.0	"	"	"	"	1		9237		17.9	14.1	4.0	280.4	4.0	7
12.0 - 13.0	"	"	"	"	1	Orange Fluor. Aplite scattered —	9238		12.1	13.8	15.7	128.6	11.2	62
13.0 - 14.0	"	"	"	"	1	" " " Rare	9239		4.8	15.4	6.6	62.6	5.0	38
14.0 - 15.0	"	"	"	"	1		9240		9.5	15.0	4.5	68.3	3.4	17
15.0 - 16.0	"	"	"	"	1	Very garnetiferous zone 30 cm thick	9241		11.0	15.8	6.8	132.8	3.2	19
16.0 - 17.0	"	"	"	"	1	" " " 20 cm thick	9242		14.3	14.8	5.9	187.1	3.1	38
17.0 - 18.3	"	"	"	"	1	Some coarse, elln. grey Muscovite	9243		6.4	16.0	2.4	94.0	1.9	11
18.3 - 19.3	See	log	—		2	rare thin Arsenopyrite Veinlets.	9244		13.0	15.1	2.5	204.8	1.7	14
19.3 - 20.3	"	"	"	"	2	, garnetiferous	9245		12.6	15.0	2.5	191.5	1.8	6
20.3 - 21.3	"	"	"	"	2	Orange Fluor Aplite ells rare but large, "	9246		11.0	16.6	6.1	172.4	2.6	8
21.3 - 22.3	"	"	"	"	2	" " " " " " Small, "	9247		11.0	18.9	8.3	104.4	3.8	6
22.3 - 23.3	"	"	"	"	2	, "	9248		13.3	16.0	8.3	204.2	3.5	7
23.3 - 24.3	"	"	"	"	2	, "	9249		11.6	17.8	10.0	178.9	3.0	58
24.3 - 25.3	"	"	"	"	2	, "	9250		9.6	18.2	10.7	139.5	2.7	4
25.3 - 26.3	"	"	"	"	2	, "	9251		18.2	21.4	18.8	324.5	3.2	13
									355.4				141.4	

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DDLE NO. HL.00-5

PAGE: 2A.

METERS	% FELD.	% QTZ.	% TOUR	% MUSC.	PAGE IN LOG	MINERALIZATION & ASSOC. ALTERATION, HOST STRUCTURE: MINERALIZATION & LESSOR MINERAL COMPONENTS	sample	length	Cs	Ga	Nb	Rb	Ta	Be
26.3 - 27.3	See	Log			2		9252		9.3	15.8	6.1	202.2	2.0	7
27.3 - 28.3	"	"	"	"	2	"	9253		8.7	16.3	9.0	165.2	2.9	5
28.3 - 29.3	"	"	"	"	2	"	9254		5.6	17.1	4.3	132.0	1.1	9
29.3 - 30.3	"	"	"	"	2	orange (Flour. Apitite?) widely scattered large xls. "	9255		22.3	18.3	37.3	308.3	12.0	123
30.3 - 31.6	"	"	"	"	2	"	9256		15.4	18.1	10.6	219.7	2.6	6
31.6 - 32.6	See	Log	—	—	3	muscovite in very coarsely xlline Veins and Pelels	9257		12.2	17.1	11.0	300.9	2.8	15
32.6 - 33.6	"	"			3	" " " " " " " " "	9258		33.5	18.4	15.8	697.7	3.6	7
33.6 - 34.6					3	" " " " " " " " "	9259		47.5	13.6	7.3	753.0	1.9	10
34.6 - 35.6					3	" " " " " " " " " GREEN Flour. 10cm	9260		36.7	23.4	43.7	581.5	25.5	87
35.6 - 36.6					3	" " " " " " " " " —	9261		30.0	24.2	34.3	550.2	13.9	21
36.6 - 37.6					3	" " " " " " " " " —	9262		32.2	31.2	42.3	497.2	17.4	7
37.6 - 38.6					3	" " " " " " " " " —	9263		41.8	32.4	47.5	603.6	19.6	7
38.6 - 39.6					3		9264		13.5	18.8	20.0	192.1	26.3	194
39.6 - 40.6					3		9265		20.5	21.8	27.7	340.8	6.5	47
40.6 - 41.6					3	" " " " " " " " " chund Green flour. 50cm	9266		24.6	19.6	20.9	326.9	13.6	215
41.6 - 42.6					3		9267		18.1	22.7	27.9	256.0	9.4	160
42.6 - 43.6					3	" " " " " " " " " chund orange flour (Apitite)	9268		10.4	15.8	13.3	205.4	6.2	134
43.6 - 44.6					3		9269		7.5	18.4	23.7	143.8	14.1	11
44.6 - 45.6					3		9270		31.7	9.8	32.6	539.4	46.5	4
45.6 - 46.6					3		9271		34.2	12.3	2.7	793.1	2.8	4
46.6 - 47.6					3	" " " " " " " " " chund orange flour (Apitite)	9272		34.4	15.3	9.4	688.4	5.0	6
47.6 - 48.2					3	" " " " " " " " " rare green Flour.	9273		25.9	14.5	6.6	523.7	4.1	30
48.2 - 49.2	See	Log	T	10	4	Mainly Coarse Muscovite + Perthitic Feldspar 10cm diss pelels Green Flour	9274		20.1	18.3	23.3	265.2	18.9	8
49.2 - 50.6	15%	15%	tr	10%	4	" " " " " " " " "	9275		43.8	18.1	15.6	698.9	10.6	20
50.6 - 51.6	75%	15%	tr	10%	4	" " " " " " " " "	9276		12.0	15.4	3.1	232	2.4	11
51.6 - 52.6	75%	15%	tr	10%	4		9277		12.0	15.6	5.4	238.1	2.5	10
									677.9				334.1	

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DDH NO. HL-00-5

PAGE: 4A

METERS	% FELD.	% QTZ.	% TOUR.	% MAFIC	PEGG Lith Code	MINERALIZATION & ASSOC. ALTERATION, HOST STRUCTURE: MINERALIZATION & LESSOR MINERAL COMPONENTS	sample	length	Cs	Ga	Nb	Rb	Ta	Be
52.6 53.6	75'	15'	TR	10	4	Very Coarse Muscovite Bands 10cm & disc.	9278		67.3	11.3	7.2	1111.5	3.1	238
53.6 - 54.6	75'	15'	TR	10	4	" " " " " "	9279		44.5	12.4	7.0	407.9	2.8	23
54.6 - 55.6	75'	15'	TR	10	4	" " " " " " forge orange Flame Mpite xtls.	9280		15.4	21.0	32.0	620.6	8.3	7
55.6 - 56.6	75'	15'	TR	10	4	" " " " " " " " " " " "	9281		33.6	17.7	25.3	662.0	10.8	6
56.6 - 57.6	75	15'	TR	10	4	" " " " " " " " " " " "	9282		25.6	20.9	31.0	340.2	22.5	4
57.6 - 58.4	75	15'	TR	10	4	" " " " " " " " " " " "	9283		37.8	15.5	10.8	624.5	3.8	6
58.4 - 59.4	45%	45	5	5	5	5% Garnets	9284		14.7	17.3	10.5	218.8	4.5	180
59.4 - 60.4	"	"	"		5	" " Some Very Coarse Muscovite Veins, Mpite xtls Orange Flame.	9285		21.9	16.1	8.0	310.1	3.3	6
60.4 - 61.4	"	"	"		5	" " Feldspar gen. Light green	9286		9.0	14.7	3.5	195.5	2.2	12
61.4 - 62.4	"	"	"		5	" " "	9287		11.1	13.5	2.6	210.4	2.6	9
62.4 - 63.4	"	"	"		5	" " "	9288		14.7	14.7	7.6	212.6	5.9	7
63.4 - 64.4	"	"	"		5	" " "	9289		27.0	14.7	6.7	396.4	4.2	4
64.4 - 65.4	"	"	"		5	" " "	9290		17.6	12.0	7.2	301.4	2.0	12
65.4 - 66.4	"	"	"		5	" " "	9291		2.0	13.0	1.7	164.5	1.1	8
66.4 - 67.4	"	"	"		5	" " "	9292		12.0	15.8	7.0	243.5	4.5	6
67.4 - 68.4	"	"	"		5	" " "	9293		8.5	19.1	2.2	172.3	2.1	"
68.4 - 69.4	"	"	"	-	5	" Mostly Gabbro	9294		188	18.5	8.3	657.8	20	20
69.4 - 70.5	"	"	"		5	" " "	9295		80	12.7	2.6	146.7	[illegible]	17
									595.7				87.3	

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DRILL HOLE RECORD **CHAPLEAU RESOURCES LTD.** **PAGE 1 OF 5**

PROPERTY: PAKK/HORN		**HORI COMP:**	**HOLE #: HL00-6**
LOCATION: Hellroaring Stock		**VERT. COMP:**	**LENGTH: 97.56 m**
COMMENCED: Oct 18, 2000	**COMPLETED:** Oct 19, 2000	**CORR. DIP:** -90°	
COORDS: (long)	**(lat)**	**TRUE BEARING:** vertical	**DRILL CONTRACTOR:** Britton Bros.
COORDS: (UTM) (E) 559,070	**(N)** 5,490,960 **(EL)**	**% RECOVERY:**	**CORE SIZE:** NQ
COORDS: (grid) (E)	**(N)** **(EL)**	**LOGGED DATE:** Nov 2000	**CASING:** 0 – 3.0
ELEVATION: 1700 m	**COLLAR: (dip)** -90° **(Azi)**	**LOGGED BY:** D.L. Pighin	**CORE STORAGE:** Vine Property
OBJECTIVE:			
SURVEYS: (depth)	**Dip:** **Azi:**	**Type:**	**Additional Surveys:**
			Depth **Dip** **Azi**

From To	
	LITHOLOGY: Muscovite Pegmatite
3.0-6.0	**TEXTURE:** very coarsely crystalline, very coarse muscovite (10cm in length)
	COLOR: mottled white and gray
	COMPOSITION: 30% microcline, 30% quartz, 40% muscovite, some rare tiny apatite crystals, no tourmaline
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: See attached sample sheet 1a.

From To	LITHOLOGY: Pegmatite
6.0-15.0	**TEXTURE:** very coarsely crystalline
	COLOR: white with gray mottling
	COMPOSITION: 45% microcline-albite-perthite, 45% smoky quartz, 10% muscovite weakly disseminated, small apatite crystals throughout, widely scattered large tourmaline crystals
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: abundant brown to dark brown limonite. See attached sample sheet 1a.
From To	**LITHOLOGY:** Milky quartz
15.0-21.0	**TEXTURE:** mainly aphanitic
	COLOR: milky white
	COMPOSITION: 95% quartz, 5% muscovite, base of quartz vein marked 10cm of nearly massive apatite
	TECTONIC STRUCTURE: Irregular but sharp basal contact at 52° to core
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: See attached sample sheet 1a.
From To	**LITHOLOGY:** Leuco Muscovite Pegmatite
21.0-24.0	**TEXTURE:** very coarsely crystalline, some very coarsely crystalline muscovite, with rare very large tourmaline crystals
	COLOR: white and gray mottling with rare black spots
	COMPOSITION: 60% yellowish microcline, 30% milky quartz, 10% grayish and silvery muscovite, some widely scattered large tourmaline needles
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: See attached sample sheet 1a.

From To	
24.0-28.0	**LITHOLOGY:** Mainly milky quartz
	TEXTURE: aphanitic quartz, with some patches of coarse crystalline feldspar and muscovite
	COLOR: milky white
	COMPOSITION: 90% quartz, 5% microcline, 5% muscovite
	TECTONIC STRUCTURE: quartz zone cuts core at 55°, contact is sharp
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: See attached sample sheet 1a.
From To	**LITHOLOGY:** Leuco muscovite pegmatite
28.0-51.5	**TEXTURE:** coarse to very coarsely crystalline, some very coarse muscovite books and coarse crystals of apatite, rare large tourmaline crystals
	COLOR: white mottled light gray
	COMPOSITION: 50% microcline-albite and perthite, 40% smoky quartz, 20% muscovite generally greenish gray, gray and silvery gray, scattered patches of disseminated small and large crystals of tourmaline, disseminated pink garnets abundant in thin bands. Apatite in general is abundant as small and very large crystals – up to 5cm in cross section
	TECTONIC STRUCTURE:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: 33.0-35.0m – abundant fine black specks (columbite?) form in thin styolitic structures in feldspar, and around feldspar crystals. See attached sample sheet 1a and 6a.
From To	**LITHOLOGY:** Tourmaline, muscovite granite
51.5-61.5	**TEXTURE:** generally equigranular, medium crystals, tourmaline very finely crystalline. 0.5-1.0mm in cross section. Abundant small pink garnets subhedral to euhedral, 1.0-2.0mm in cross section
	COLOR: finely mottled gray and white with fine black speckling
	COMPOSITION: 45% microcline, 49% quartz, 5% tourmaline, 5% muscovite-sericite, 1% garnet
	GENERAL ALTERATION: approximately half of garnets altered to yellowish sericite, muscovite in part appears to be altered to sericite? 57.0-61.5m – feldspar and some muscovite weathers a yellowish brown (sideritization?)
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: aspy is locally relatively abundant in granite and irregular thin fractures, py occurs as rare euhedral grains throughout sections. At 56.5m – 5cm quartz vein cuts core at 38°, host some fine py and aspy. See attached sample sheet 6a.

From To	
61.5-67.5	**LITHOLOGY:** Pegmatite with bands of garnetiferous greisen
	TEXTURE: coarsely crystalline to medium crystalline in part, garnets generally subhedral from 10mm to 2mm in cross section, fine crystalline tourmaline in greisens, fine tourmaline needles in garnets
	COLOR: brownish white mottled gray and brownish gray with black speckling
	COMPOSITION: 40% brown weathering microcline, 35% gray quartz, 10% pink garnets, locally up to 50% by volume, 5% tourmaline, local band up to 50%, 10% brownish gray muscovite.
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: See attached sample sheet 6a.
From To	**LITHOLOGY:** Meta-sediments, lower aldridge
67.5-73.5	**TEXTURE:**
	COLOR: gray
	COMPOSITION: meta-siltstone, thin to very thin bedded, bedding distinct
	TECTONIC STRUCTURE: bedding to core 40° to core
	GENERAL ALTERATION: strongly altered muscovitized and dolomitized. Sediment contacts with pegmatite sills are altered, to massive crystalline, tourmaline-muscovite
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: some zones of disseminated po
From To	**LITHOLOGY:** Tourmalinite-muscovite pegmatite
73.5-78.5	**TEXTURE:** coarse to coarsely crystalline, some rare large tourmaline crystals, and some large books of muscovite
	COLOR: mottled gray and white
	COMPOSITION: 60% microcline, 33% quartz, 2% tourmaline, 5% muscovite, rare large apatite crystals, muscovite generally yellowish to greenish
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: some disseminated po. See attached sample sheet 6a.

From To	
78.5-97.56	**LITHOLOGY:** Meta siltstone, lower aldridge
	TEXTURE:
	COLOR: gray
	COMPOSITION: meta-siltstone, generally thin bedded, bedding to core at 79.0m = 53°, at 91.5m = 15°
	TECTONIC STRUCTURE:
	GENERAL ALTERATION: strongly muscovitized
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE:
From To	
97.56	**END OF HOLE**

HOLE NC H.L. 006

PAGE NO. 1A

METERS	% feldspar	% Quartz	% Tourm.	% Muscovite	Core Log	Mineralization, Alteration, Lessor Mineral Components.
3.0-4.0	30	30	NIL	40	1	Very Coarsely altd., Very Coarse Muscovite,
4.0-5.0	30	30	NIL	40	1	" " " " " " , rare Apatite
5.0-6.0	50	40	NIL	10	1	" " " " " " ,
6.0-7.0	45	45	NIL	10	2	Coarsely altd., Abund. Coarse Very Silvery Musc., abund. Limonite
7.0-8.0	"	"	"	"	2	" " " " " abund. Limonite
8.0-9.0	"	"	"	"	2	" " widely Scattered med. altd. Apatite, abund. Limonite
9.0-10.0	60	35	TV	5	2	Caesian, rare large Tourm. altd.,
10.0-11.0	45	45	NIL	10	2	" " weak diss Apatite Small altd.
11.0-12.0	"	"	"	"	2	" " " " " " " , some Pectolite.
12.0-13.0	"	"	"	"	2	" " " " " " "
13.0-14.0	"	"	"	"	2	" " " " " " "
14.0-15.0	40	40	NIL	20	2	" " abund. Musc. Rubbly Zone weathered?
15.0-18.0	60	35	NIL	5	3	mainly Quartz. 75% Core loss.
Core loss 18.0-19.0	"	95	NIL	5	3	" "
19.0-20.0	"	95	NIL	5	3	" "
20.0-21.0	"	95	NIL	5	3	" " , 10 cm of Very Massive Mafic
21.0-22.0	60	30	I	9	4	Very Coarsely altd., Very Coarse Muscovite & rare Large Tourmaline
22.0-23.0	60	30	I	9	4	" " " " " " "
23.0-24.0	60	30	I	9	4	" " " " " " "
24.0-25.0	40	58	NIL	2	5	mainly Qtz.
25.0-26.0	0	99	NIL	1	5	" "
26.0-27.0	0	99	NIL	1	5	" "
27.0-28.0	0	99	NIL	1	5	" "
28.0-29.0	60	35	TV	5	6	Coarsely altd., Yellowish White Feld. oxidization? Scattered Very large Mafic altd.
29.0-30	60	35	TV	5	6	" " " " " " " " , abund Tiny Black Min. Columbite? 30cm Qtz
30.-31	5	95	NIL	0	6	all Qtz, ; 20 cm Feld.
31.0-32.0	70	25	NIL	5	6	Coarse altd., Yellowish White Feld., weakly Mafic, abund Tiny Black Min. Columbite?
32.0-33.0	70	25	NIL	5	6	" " " " " " " " " " " " " "
33-34.0	60	30	NIL	10	6	" " " " " " " " " " " " " "
34-35.6	60	30	NIL	10	6	" " " " " " " " " " " " " "
35.0-36.0	60	35	NIL	5	6	" " , Greenish " " , weakly Apatitic, with large altd., Some thin Biotite Bands.
36.0-37.0	60	35	TV	5	6	" " , grayish " " " " " " " , Tiny Black Min. Columbite?
37.0-38.0	60	35	Tr	5	6	" " " " " " " " " " " " " "
38-39.0	60	35	TV	5	6	" " " " " " " " " " " " " "
39.0-40.0	50	40	TV	10	6	Very Coarse altd., " " " " " " " " , Some Very Coarse Musc.
40.0-41.0	50	45	TV	5	6	Med. Coarse & Reg. " " " " , rare Apatite
41.0-42.0	50	45	TV	5	6	" " " " " " " , rare Apatite.

NOTE: all % is Estimated

Sample No.	Width	Cs	Ga	Nb	Rb	Ta	Be
9904		57.1	89.8	189.1	1158.3	23.2	2103
9905		44.7	95.8	266.0	1202.4	27.2	929
9906		66.0	57.0	107.4	742.7	24.6	22
9907		88	17.2	7.1	74.3	4.4	9
9908		75.3	26.1	41.6	279.3	123.0	32
9909		16.1	19.8	13.6	133.8	12.3	28
9910		10.9	22.3	21.0	149.6	8.7	78
9911		19.4	21.3	52.9	228.3	24.9	132
9912		21.1	20.0	16.7	269.1	7.7	8
9913		26.2	18.4	14.3	346.4	4.3	5
9914		14.6	13.0	9.3	203.2	4.7	"
9915		9.6	18.2	18.5	178.7	7.7	17
9916	3	19.9	6.0	8.7	268.7	5.3	33
9917		4.7	0.5	0.6	2.8	1.1	1
9918		6.1	0.6	0.8	4.2	2.4	1
9919		26.5	4.3	8.1	46.4	5.7	260
9920		3.9	12.6	7.3	52.3	10.9	42
9921		48.3	19.6	16.5	265.9	15.0	20
9922		165.7	37.8	72.8	687.5	71.8	150
9923		115.5	10.5	1.3	443.6	17.3	5
9924		6.8	1.4	1.0	19.4	1.8	52
9925		1.3	4.8	1.9	40.6	5.5	1
9926		3.0	1.9	0.6	9.6	1.2	1
9927		12.8	16.5	136.1	95.8	93.2	15
9928		3.2	13.6	9.7	75.4	4.2	12
9929		4.2	4.1	2.0	25.4	3.8	1
9930		9.9	8.9	26.0	111.0	34.4	23
9931		25.4	23.9	24.0	226.8	25.8	36
9932		3.0	16.4	10.6	121.1	11.3	16
9933		5.0	17.1	10.8	93.2	5.3	"
9934		16.9	21.8	23.7	191.6	27.3	126
9935		6.9	17.6	18.3	112.1	9.7	19
9936		20.1	14.5	5.8	145.8	3.5	14
9937		24.7	15.1	11.2	333.0	9.3	15
9938		46.5	15.9	16.0	352.3	4.9	7
9939		54.2	14.0	7.4	379.6	4.0	8
9940		33.4	14.5	7.9	408.2	7.9	49

NOTE: all assays in P.P.M.

9923 is 553.6

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HOLE NO H.L. 006

67.5 13/7/3

PAGE NO (6A)

METERS	% Feldspar	% Quartz	% Turm.	% Muscovite	Page Log	Mineralization, Alteration, Lessor Mineral Components.	Sample No.	Width	Cs	Ga	Nb	Rb	Ta	Be
42.0-43.0	55	40	Tr	5	6	Coarse xtln Peg., Greenish & Grayish Feld, weak diss. + large Apatite xtls., Silvery to Greenish Muscovite.	9941		35.6	16.4	14.7	335.6	6.8	65
43.0-44.0	55	40	Tr	5	6	" " " " " " " " " " " " " "	9942		16.1	21.0	20.0	187.6	10.5	8
44.0-45.0	50	40	Tr	10	6	" " " " " " " " " " " " " "	9943		112.3	27.6	40.1	461.5	47.9	12
45.0-46.0	50	40	Tr	10	6	" " " " " " " " " " " " " "	9944		55.2	23.3	39.3	368.3	32.7	9
46.0-47.0	55	40	Tr	5	6	" " " " " " " " " " " " " "	9945		48.8	19.7	20.2	401.6	9.1	9
47.0-48.0	45	45	Tr	10	6	Very Coarse xtln. Peg, Feld. gen. white, Muscovite greenish to dark green, abund. LARGE xtls of Apatite.	9946		73.7	21.6	22.2	541.4	5.2	8
48.0-49.0	45	45	Tr	10	6	" " " " " " " " " " " " "	9947		60.4	19.0	18.6	425.2	4.6	5
49.0-50.0	45	45	Tr	10	6	" " " " " " " " " " " " "	9948		13.8	17.3	11.7	144.1	2.3	8
50.0-51.0	45	45	Tr	10	6	" " " " " " " " " " " " "	9949		20.7	19.2	17.2	196.5	3.4	6
51.0-51.5	45	45	Tr	10	6	" " " " " " " " " ", Interval is 20% Apatite !!	9950	0.5	33.3	21.0	20.3	213.8	7.5	5
51.6-52.5	45	44	5	5	7	Equigranular granite, 1% Garnets, (Rb 3,332.)	9951		5.6	17.8	5.8	59.4	1.7	9
52.5-53.5	45	44	5	5	7	" , " ,	9952		13.7	16.8	6.6	164.8	1.1	6
53.6-54.5	45	44	5	5	7	" , " ,	9953		4.8	16.9	12.4	120.2	3.6	7
54.5-55.5	45	44	5	5	7	" , " ,	9954		4.6	17.4	9.0	105.0	1.0	11
55.5-56.5	45	44	5	5	7	" , " , Qtz. veinlets + Diss. Pyrite + Arsenopyrite, Brown weathering Feld.	9955		15.7	21.0	16.8	232.1	1.9	41
56.5-57.5	45	44	5	5	7	" , " , " " " " " ", " " "	9956		13.6	16.9	9.2	225.1	1.3	10
57.5-58.5	45	44	5	5	7	" , " , Qtz veinlets with Pyrite & Arsenopyrite, " " "	9957		7.0	16.4	10.0	92.6	1.3	8
58.5-59.5	45	44	5	5	7	" , " , ——, " " "	9958		10.4	21.2	14.5	134.9	1.3	7
59.5-60.5	45	44	5	5	7	" , " , ——, " " "	9959		9.1	19.8	14.6	138.3	1.3	7
60.5-61.5	45	44	5	5	7	" , " , ——, " " "	9960		10.6	20.5	16.3	163.5	1.5	19
61.5-62.5	60	35	Tr	5	8	Greisen + Peg, yellowish Brown Musc, diss. Pink garnets, rare diss ARSENO. Limonite Bands.	9961		11.8	18.3	15.2	176.9	1.9	6
62.5-63.5	60	35	Tr	5	8	" & ", " " ", " " " ", " " ", " "	9962		23.9	35.0	32.8	302.7	4.3	17
63.5-64.5	60	39	1%	10	8	" & ", " " ", " " " ", " " ", " "	9963		27.1	34.1	45.2	340.2	5.8	9
64.5-65.5	50	23	2	5	8	" & ", " " ", 20% Garnet., " " ", " "	9964		11.8	21.2	17.5	160.2	1.7	125
65.5-66.5	50	23	2	5	8	" & ", minor Musc., 20% garnet., , ——	9965		9.3	24.9	25.4	216.9	4.3	7
66.5-67.5	25	20	5	10	8	" & ", " ", 40% garnet, , ——	9966		4.8	24.0	26.2	146.8	10.3	9
67.5-73.5	Sediments					Seds. No Sample.								
73.5-74.5	60	33	2	5	10	Coarsely xtln Peg. Some hairline diss. Continuous Fracture host Minor pyrite.	9967		12.8	13.1	6.3	371.6	1.9	45
74.5-75.5	60	33	2	5	10	" " " " " " " " " " "	9968		12.4	17.0	16.2	204.9	3.3	11
75.5-76.5	60	33	2	5	10	" " " " " " " " " " "	9969		8.8	15.0	11.1	223.7	3.1	8
76.5-77.5	60	33	2	5	10	" " " " " " " " " " "	9970		11.5	17.3	13.3	330.8	2.0	10
77.5-78.5	60	33	2	5	10	" " " " " " " " " " "	9971		9.6	11.6	3.9	248.7	1.9	10

NOTE: all % is estimated

NOTE: all assays in P.P.M.

707.5 1439.3

DRILL HOLE RECORD **CHAPLEAU RESOURCES LTD.**

PROPERTY: PAKK/Horn		**HORI COMP:**	**HOLE #: HL00-7**
LOCATION: Hellroaring Stock		**VERT. COMP:**	**LENGTH: 150.0 m**
COMMENCED: Oct 17, 2000	**COMPLETED:** Oct 21, 2000	**CORR. DIP:** -45°	
COORDS: (long)	**(lat)**	**TRUE BEARING:** 260° Az	**DRILL CONTRACTOR:** Britton Bros.
COORDS: (UTM) (E) 559,070	**(N)** 5,490,960 **(EL)**	**% RECOVERY:**	**CORE SIZE:** NQ
COORDS: (grid) (E)	**(N)** **(EL)**	**LOGGED DATE:** Nov 2000	**CASING:** 0 m
ELEVATION: 1700 m	**COLLAR: (dip)** -45° **(Azi)** 260°	**LOGGED BY:** D.L. Pighin	**CORE STORAGE:** Vine Property
OBJECTIVE:			
SURVEYS: (depth)	**Dip:** **Azi:**	**Type:**	**Additional Surveys:** **Depth** **Dip** **Azi**

From To	
	LITHOLOGY: Pegmatite
0.0-19.0	**TEXTURE:** very coarsely crystalline
	COLOR: white, bluish white, gray and silvery mottling
	COMPOSITION: 35% feldspar mainly perthite, 45% white transparent quartz, 20% very coarsely crystalline muscovite, silvery gray to slightly yellowish, much of the muscovite fluoreses deep purple, some muscovite crystals are longer than 10cm in length, very rare tiny apatite crystals
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: See sample sheet 1a attached

From To	
19.0-22.7	**LITHOLOGY:** Tourmalinitic granite
	TEXTURE: mainly equicrystalline, medium crystalline, with widely but abundant disseminated small crystals of tourmaline (black)
	COLOR: white mottled light brown, speckled black
	COMPOSITION: 50% microcline feldspar, 45% clear brownish quartz, 3% black tourmaline, 2% muscovite, widely scattered light pink garnets, tiny apatite (orange fluor.) and hyalite (green fluor) weakly disseminated throughout
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE:
From To	**LITHOLOGY:** Pegmatite
22.7-44.0	**TEXTURE:** coarse crystalline to very coarsely crystalline
	COLOR: generally mottled white, bluish white and gray, with sections overprinted by black dendrites
	COMPOSITION: in general 60% feldspar, mainly perthite, 35% clear white quartz, 5% muscovite, rare tourmaline crystals, widely scattered large crystals of apatite, large areas of weakly disseminated apatite and hyalite, some patches and veins of very strongly disseminated hylaite
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: abundant black oxides (pyrolusite) deposited along micro-fractures and crystal boundaries See sample sheet 1a & 3a attached
From To	**LITHOLOGY:** mainly tourmalinitic pegmatite, with lesser greisen veins and bands
44.0-53.0	**TEXTURE:** Schliern banded or veined unit consisting of coarsely crystalline pegmatite cut thinner irregular veins and bands of greisen
	COLOR: white, brown mottled gray overprinted by abundant black speckling give the rock an overall dark gray look
	COMPOSITION: 45% white microcline and 40% brownish clear quartz, 5% fine, rare coarse tourmaline needles, 5% muscovite, locally abundant pink garnets, scattered apatite crystals, some very large crystals and abundant finely disseminated hylaite
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: See sample sheet 3a attached

From To	
53.0-59.0	**LITHOLOGY:** Tourmalinite garnetiferous granite
	TEXTURE: medium crystalline, garnet crystals are relatively large locally
	COLOR: mottled, white, black and pink
	COMPOSITION: 40% microcline, 45% trans, gray quartz, 5% muscovite, 5% tourmalinite, 5% pink garnet, some zones of weakly disseminated hylaite and apatite
	TECTONIC STRUCTURE:
	GENERAL ALTERATION: locally a strong brown stain or alteration dominates the rock colour, the brown staining? Most dominant in areas of intense garnetization. The stain discolours the feldspar and coats the quartz
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: See sample sheet 3a attached
From To	**LITHOLOGY:** Tourmalinite pegmatite interbanded thin zones of greisen
59.0-74.8	**TEXTURE:** mostly coarsely to very coarsely crystalline, with medium grained (crystalline) greisen, some very coarsely crystalline feldspar with abundant small crystals of black tourmaline, rare large crystals of tourmaline
	COLOR:
	COMPOSITION: 60% microcline-albite mostly perthitic, 28% clear quartz, 5% tourmaline, 5% muscovite, 2% pink and brownish pink garnet, rare large crystals of apatite, some wide zones +1.0meters. Very weakly disseminated hyalite, associated with scattered thin zones of strongly disseminated hylaite
	TECTONIC STRUCTURE:
	GENERAL ALTERATION: greisen zones are narrow and consist of finely crystalline feldspar, quartz, tourmaline, garnets and fine muscovite
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: See sample sheet 3a attached
From To	**LITHOLOGY:** Gabbro
74.8-79.2	**TEXTURE:** medium crystalline
	COLOR: green
	COMPOSITION:
	TECTONIC STRUCTURE: contacts are sharp at 67° to core
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE:

From To	
79.2-82.8	**LITHOLOGY:** Tourmalinitic pegmatite
	TEXTURE: coarse crystalline, abundant large tourmaline crystals
	COLOR: mottled gray-brownish-gray and white, with black spotting
	COMPOSITION: 40% microcline, 50% brownish to gray quartz, 5% tourmaline and 5% muscovite
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: See sample sheet 7a attached
From To	**LITHOLOGY:** Gabbro
82.8-97.8	**TEXTURE:** medium crystalline
	COLOR: green
	COMPOSITION:
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE:
From To	**LITHOLOGY:** Granite banded by narrow bands of greisen, rare thin band of apatite
97.8-99.4	**TEXTURE:** medium crystalline, to finely crystalline
	COLOR: white and gray mottled, speckled by black
	COMPOSITION: 50% white microcline, 40% gray quartz, 6% tourmaline and 4% muscovite
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: See sample sheet 7a attached

From To	
99.4-101.0	**LITHOLOGY:** Gabbro
	TEXTURE: Medium crystalline
	COLOR: green
	COMPOSITION:
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE:
From To	**LITHOLOGY:** Tourmalinite pegmatite banded by greisen, some bands of reminant granite
101.0-134.0	**TEXTURE:** coarsely crystalline to finely crystalline greisen, to medium crystalline garnet
	COLOR: white and gray mottling and yellowish white and white mottling, al generally speckled black
	COMPOSITION: in general 60% micro-cline and albite, commonly perthitic, 30% quartz, 1 o 5% muscovite, 1 to 5% tourmaline, widely scattered apatite crystals, some large, some 1 to 2 meter zones of weakly disseminated very small fluorescence apatite
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: 110.0-113.0m – rare tiny specks of widely scattered py throughout section See sample sheet 7a & 12a attached
From To	**LITHOLOGY:** Leuco Pegmatite
134.0-137.0	**TEXTURE:** very coarse crystalline
	COLOR: white with gray and silvery mottling, overprinted by black speckling
	COMPOSITION: 75% white microcline, 15% smoky clear quartz, 10% slightly green silvery muscovite, rare fine tourmaline needles, relatively abundant transparent gray tourmaline?
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: some weakly scattered po blebs or specks, associated with black oxide pyrolusite? See sample sheet 12a attached

From To	
137.0-139.5	**LITHOLOGY:** Tourmalinitic granite with some thin bands of greisen
	TEXTURE: mainly medium crystalline to finely crystalline
	COLOR: white mottled gray with black spotting
	COMPOSITION: 60% microcline-albite, 30% smoky quartz, 3% coarse tourmaline, 7% muscovite, rare fine disseminated apatite, usually fluor. Orange
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: See sample sheet 12a attached
From To	**LITHOLOGY:** Mainly Leuco Pegmatite
139.5-148.5	**TEXTURE:** coarse to very coarsely crystalline
	COLOR: mainly white, light green and gray mottled, with black spotting
	COMPOSITION: 50% light green and white microcline, 45% quartz and 5% muscovite. Some medium crystalline apatite crystals, scattered thin zone of disseminated black tourmaline
	TECTONIC STRUCTURE:
	GENERAL ALTERATION: microcline in part is altered to a fine apple green muscovite
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: po and associated pyrolusite commonly occurs as fine disseminations along crystal bondaries throughout unit See sample sheet 12a attached
From To	**LITHOLOGY:** Gabbro
148.5-150.0	**TEXTURE:** finely crystalline
	COLOR: green
	COMPOSITION:
	TECTONIC STRUCTURE:
150.0	**END OF HOLE**

HOLE NO. H.L. 00-7

PAGE NO. 1A

METERS	% Feldspar	% Quartz	% Tourm.	% Muscovite	Por. of Dis. Log	Mineralization, Alteration, Lessor Mineral Components.	Sample No.	Width	Cs	Ga	Nb	Rb	Ta	Be
0-3	20	60	NIL	20	1	Mainly Qtz with Very Coarse Muscovite 35% core loss	9603	3.0	18.7	15.5	33.0	307.3	7.0	3
3-4	20	50	NIL	30	1	30 cm of Massive Silver Gray Muscovite	9604		40.3	43.2	110.7	6135'	17.2	895
4-5.0	20	60	NIL	20	1	Patches of Very Coarse Muscovite	9605		32.2	30.8	69.9	512.5'	11.3	7
5.0-6.0	30	60	NIL	20	1	" " " "	9606		16.6	20.6	47.6	306.9	12.9	7
6.0-7.0	10	40	NIL	50	1	30 cm of Massive Muscovite	9607		32.3	40.7	107.5'	1126	22.8	6
7.0-8.0	45	45	NIL	10	1	Perthitic Feld. Dom	9608		31.5	16.6	34.9	493.2	10.6	6
8.0-9.0	50	40	NIL	10	1	Bluish white Perthitic Feld Dom.	9609		34.0	11.5'	21.8	514.7	2.5'	4
9.0-10.0	50	40	NIL	10	1	" " " " "	9610		49.8	10.2	18.8	721.6'	12.5'	5
10.0-11.0	50	40	NIL	10	1	" " " " "	9611		34.7	12.1	69.1	646.5	62.7	5
11.0-12.0	10	85	NIL	5	1	mainly white to Bluish gray Qtz.	9612		30.6	5.0	3.5'	330.9	1.7	2
12.0-13.0	60	35	NIL	5	1	mainly " " " " Perthite + Qtz.	9613		32.4	8.4	10.1	388.5'	4.2	1
13.0-14.0	30	55	NIL	5	1	—	9614		30.6	10.2	21.4	327.5	13.0	2
14.0-15.0	45	45	NIL	10	1	—	9615		55.4	20.9	36.6	646.1'	12.6	4
15.0-16.0	45	45	NIL	10	1	—	9616		57.6	17.4	24.2	691.8	13.8	7
16.0-17.0	75	15	NIL	10	1	mainly white to Bluish gray Perthite	9617		76.5	18.7	29.5'	884.2'	8.5'	3
17.0-18.0	40	30	NIL	30	1	20 cm of Massive Muscovite	9618		50.8	35.6	90.1	6523	22.0	6
18.0-19.0	50	40	NIL	10	1	Some Some apatite xtls.	9619		17.9	23.4	27.5	190.5	13.3	70
19.0-20.0	50	45	3	2	2	Tourmalinitic Granite, with weakly diss. Hyalite + Apatite	9620		17.7	16.7	2.4	353.1'	1.8	10
20.0-21.0	50	45	3	2	2	" " " " " " "	9621		15.3	16.8	10.2	2798	1.9	9
21.0-22.0	50	45	3	2	2	" " " " " " "	9622		16.0	15.3	5.4	247.5'	1.1	9
22.0-22.7	50	45	3	2	2	" " " " " " "	9623	0.7	9.8	14.3	3.4	167.0	0.8	9
22.7-24.0	60	35	1	4	3	40cm of massive white Perthite.	9624	1.3	13.4	13.8	4.7	170.3	2.7	9
24.0-25.0	40	50	Tr	10	3	Apitite xtls large + small, streaks of diss. Hyalite, Scattered Pyrite xtls; Some Black oxides	9625'		29.9	14.7	23.7	342.5'	24.7	264
25.0-26.0	25	70	NIL	5	3	Some Black oxides, mostly Qtz.	9626		13.9	6.9	7.0	186.8	5.2	6
26.6-27.0	90	5	NIL	5	3	Mainly Perthite, Some Black oxides (MnO_2), Some Very Fine Black MINERAL Ta?	9627		74.6	11.3	5.3	827.9'	5.3	11
27.0-28.0	85	10	NIL	5	3	" " , Specks of Black Min. Ta? Some Very large APITITE xtls.	9628		56.5'	15.7	114.0	609.5	128.5'	96
28.0-29.0	60	30	NIL	10	3	Pk Brown. Perthite, and Qtz. Some Very Coarse Muscovite Books.	9629		68.1	14.9	26.3	527.4	30.4	19
29.0-30.0	65	30	NIL	5	3	" " , + Qtz — , Fine Speck of Jet Black Min. along micro Fractures. Ta?	9630		63.8	14.6	27.4	792.6'	33.9	57
30.0-31.0	85	10	NIL	5	3	" " , — , " " " " " " " " " "	9631		41.5	15.6	15.8	6666	13.5'	14
31.0-32.0	85	10	NIL	5	3	" " , — , " " " " " " " " " "	9632		60.7	12.4	3.2	979.9	1.6	7
32.0-33.0	70	15	PK	15	3	" " , Some Coarse Muse. , " " " " " " " " "	9633		44.1	13.1	49.2	769.9	53.1	4
33.0-34.0	70	15	NIL	15	3	" " , " " " , Limonite + Pyrolusite?.	9634		46.5'	18.4	35.1	394.6	37.9	13
34.0-35.0	75	10	Tr.	15	3	" " , weak. diss. Apitite, Some Apple green Muse.,	9635'		34.1	23.0	144.2	2720'	100.9'	11
35.0-36.0	60	20	Tr	20	3	Some Coarse Muse., Pyrolusite, Limonite,	9636		15.5	21.7	45.2	2224	29.5	10
36.0-37.0	75	15	NIL	5	3	weak Hyalite, Limonite, Pyrolusite	9637		33.4	15.4	9.3	510.0	5.2	28
37.0-38.0	40	40	NIL	20	3	weak diss Apitite & Hyalite, Lots of muscovite, abunt. Pyrolusite	9638		12.0	20.2	22.4	190.7	10.8	39
NOTE: all % is Estimated									NOTE: all assays in P.P.M.					
								(35)	317.3				747.2	

HOLE NO. HL-00-7

METERS	% Feldspar	% Quartz	% Tourm.	% Muscovite	Page of Log	Mineralization, Alteration, Lessor Mineral Components.	Sample No.	Width	Cs	Ga	Nb	Rb	Ta	Be
38.0-39.0	40	50	TR	10	3	abund Pyrolusite Pentudes, diss Apatite and Hyalite, clear Brownish Qtz.	9639		62.0	15.0	8.3	538.8	2.1	7
39.0-40.0	50	40	TR	10	3	mainly Qtz + FeCl.	9640		20.4	16.5	11.9	166.1°	3.5	117
40.0-41.0	30	50	TR	20	3	abund Brownish Qtz. and Dark Muscovite, some green Musc,	9641		29.3	26.6	29.1	272.6	5.0	43
41.0-42.0	30	50	TR	30	3	" " " " , abund. Hyalite and apatite.	9642		27.5	21.3	31.5	214.0	10.7	99
42.0-43.0	20	50	TR	30	3	" " " " , abund. Hyalite + Apatite Some large xtls	9643		107.8	21.4	21.6	268.3	8.6	116
43.0-44.0	20	50	TR	30	3	" " " " , " " " + Hyalite " " "	9644		37.2	17.4	12.4	105.9°	3.9	3
44.0-45.0	45	45	3	7	4	mainly Peg. Coarse Musc.,	9645		41.8	16.0	9.4	213.6°	3.6	10
45.0-46.0	45	45	3	7	4	" " " "	9646		18.5	19.0	16.3	150.0	3.3	8
46.0-47.0	50	45	2	3	4	mainly Greisen, abund garnets	9647		22.6	17.0	11.5	103.4	3.2	6
47.0-48.0	50	30	5	15	4	mainly Peg, abund. Coarse Musc, Brown garnets, weak diss. GF, Black oxide, minor lemon Y-	9648		38.0	23.3	20.5	378.1	4.0	4
48.0-49.0	50	30	5	15	4	" " " " " " " " " " " "	9649		22.0	20.6	14.2	232.3	1.8	3
49.0-50.0	50	30	5	15	4	" " " " " " " " , Apatite + Hyalite, " "	9650		40.0	21.1	17.2	368.1°	3.5	4
50.0-51.0	50	30	5	15	4	" " " " " " " Pink " " , Some large Apatite xtls, and Fine Hyalite	9651		29.7	30.7	33.0	337.4	5.6	9
51.0-52.0	50	30	5	15	4	" " " " " " " " " , scattered fine Apatite + Hyalite.	9652		31.9	25.5	29.8	323.4	3.0	4
52.0-53.0	40	45	5	5	5	Com 5% Pink garnet, with local conc. up to 20%	9653		13.1	15.7	6.8	190.6	1.4	12
53.0-54	40	45	5	5	5	" " " " " " " " " "	9654		11.5	16.8	7.5	283.1	1.5	12
54.-55.0	40	45	5	5	5	" " " " " " " " " "	9655		12.1	15.9	5.2	240.5°	0.8	10
55.0-56.0	40	45	5	5	5	" " " " " " " " " , abund. Brown Stain?	9656		16.5	17.3	5.3	213.9	1.4	"
56.0-57.0	40	45	5	5	5	" " " " " " " " " , " " ?	9657		16.2	18.6	10.5	212.3	2.2	35
57.0-58.0	60	30	TR	10	5	mainly Coarse Peg. with no garnets	9658		15.3	12.7	14.2	206.9	2.2	14
58.0-59.0	40	45	5	5	5	up to 20% garnet over 50 cm.	9659		10.7	16.0	3.5	156.1	1.1	8
59.0-60.0	40	45	5	5	5	up to 5% " " " "	9660		25.3	19.9	19.7	324.1°	3.6	40
60.0-61.0	40	45	5	5	5	" " " " " "	9661		14.3	17.4	9.0	187.5	1.5	8
61.0-62.0	40	45	5	5	5	" " " " " "	9662		26.1	13.5	4.3	338.4	1.1	8
62.0-63.0	40	45	5	5	5	" " "	9663		10.5	18.1	7.2	242.3	1.4	22
63.0-64.0	40	45	5	5	5	mainly Fine grained Tourmalinitic Granite -	9664		11.0	15.7	2.7	146.9	0.6	10
64.0-65.0	60	40	5	5	6	Peg, abund Coarse Perthitic FeCl, mix with thin Garnetiferous Greisen	9665		48.8	14.0	7.7	622.6°	4.4	5
65.0-66.0	50	35	10	5	6	Peg, abund. Coarse Black Tour., thin Greisen zones Albite xtls, rare Hyalite.	9666		58.9	14.3	10.2	720.7	4.6	3
66.0-67.0	50	35	10	5	6	" , abund. Perthite, fine tour xtls + thin garnetiferous greisens	9667		42.9	19.3	18.6	532.3	3.8	5
67.0-68.0	60	40	5	5	6	" , " Perthite, thin garnetiferous greisens, Black oxides Pyrolusite?	9668		49.6	16.2	9.2	592.2	1.3	5
68.0-69.0	"	"	"	"	6	" " " " " " " Black oxides Psilomelane?	9669		36.7	16.5	13.4	478.8	2.5	7
69.0-70.0	55	40	5	10	6	50% Core Loss - abund Musc., abund Black oxid. + limonite	9670		14.7	23.4	32.9	361.7°	9.1	9
70.0-71.0	60	40	5	5	6	mainly Qtz - FeCl - Tour.	9671		10.7	18.4	10.9	207.8	1.6	7
71.0-72.0	60	40	5	5	6	thin Zones of Coarse Musc., thin garnetiferous greisens.	9672		21.1	18.7	12.2	315.2°	3.8	7
72.0-73.0	"	"	"	"	6	" " " " " " " " "	9673		15.4	17.7	9.2	305.1	2.3	17
73.0-74.8	"	"	"	"	6	" " " " " " " " , 5 cm near Mass. garnets	9674	1.8	7.4	18.3	11.1	186.6	1.4	20
NOTE: all % is estimated									NOTE: all assays in PPM.					

(36)

1026.9

119.3

HOLE NO. H.L-007

PAGE NO. 7A

METERS	% Feldspar	% Quartz	% Tourm.	% Mscvite	Page & Log	Mineralization, Alteration, Lessor Mineral Components.	Sample No.	Width	Cs	Ga	Nb	Rb	Ta	Be
78.8-79.2	—	—	—	—	—	No SAMPLES ALL Gabbro.	—							
79.2-80.2	40	50	5	5	8	mainly Feldspar + Quartz Some Perthitic Feldspar	9675		11.6	12.8	3.5	220.8	3.2	3
80.2-81.2	40	50	5	5	8	" " " " " " "	9676		33.4	15.1	4.9	333.1	2.2	11
81.2-82.0	40	50	5	5	8	" " " " " " "	9677		32.4	17.2	21.6	305.2	18.5	10
82.0-82.8	40	50	5	5	8	" " " " " " "	9678	1.8	6.8	13.7	2.3	199.1	1.1	13
82.8-97.8		GRABBRO				No Sampling.	—							
97.8-98.8	50	40	6	4	10	Granite & Pegmatite.	9679		3.9	16.3	4.1	121.3	3.0	7
98.8-99.4	50	40	6	4	10	" " "	9680		4.5	16.4	2.7	118.0	5.5	7
99.4-101.0		GRABBRO				No Sampling.	—							
101.0-102.0	60	35	2	3	12	widely scattered Pink & Brown garnets, Some Perthite,	9681		5.9	13.0	5.2	217.7	1.3	6
102.0-103.0	"	"	"	"	12	" " " " " " " , Poss. Beryl xtls., partly Pegmatitic	9682		9.2	15.5	13.8	204.2	3.9	9
103.0-104.0	"	"	"	"	12	" " " " " " " ,	9683		11.8	12.9	5.7	314.2	1.9	6
104.0-105.0	"	"	"	"	12	" " " " " " " ,	9684		8.0	13.8	6.4	219.0	1.7	5
105.0-106.0	"	"	"	"	12	" " " " " " " , mainly Pegmatite, Rare peg.	9685		11.5	12.6	3.3	253.6	1.0	8
106.0-107.0	"	"	"	"	12	" " " " " " " ,	9686		10.5	14.9	9.1	223.1	2.8	3
107.0-108.0	"	"	"	"	12	" " " " " " " ,	9687		12.6	12.0	9.8	317.6	5.0	6
108.0-109.0	"	"	"	"	12	" " " " " " " , Pegmatite & some Coarsely xtlline peg.	9688		8.6	14.3	9.0	215.8	2.6	9
109.0-110.0	"	"	"	"	12	" " " " " " " ,	9689		10.4	12.8	11.2	239.1	3.5	11
110.0-111.0	"	"	"	"	12	" " " " " " " ,	9690		9.9	17.0	12.1	228.9	3.2	6
111.0-112.0	"	"	"	"	12	" " " " " " " , Peg., rare WO_3,	9691		7.6	15.1	10.4	217.0	2.6	9
112.0-113.0	"	"	"	"	12	" " " " " " " , Peg., rare WO_3	9692		11.6	13.3	6.5	262.8	1.9	7
113.0-114.0	"	"	"	"	12	" " " " " " " , Peg., rare xpl's	9693		12.7	16.7	10.6	297.0	2.1	11
114.0-115.0	"	"	"	"	12	" " " " " " " , Peg., weak Diss Py.	9694		15.7	13.1	7.6	334.3	2.3	105
115.0-116.0	"	"	"	"	12	" " " " " " " ,	9695		13.5	16.6	13.8	270.2	4.0	54
116.0-117.0	"	"	"	"	12	" " " " " " " ,	9696		14.5	15.6	7.8	347.6	2.4	10
117.0-118.0	"	"	"	"	12	" " " " " " " ,	9697		7.3	14.7	6.3	199.1	1.9	5
118.0-119.0	"	"	"	"	12	" " " " " " " , Some Coarse Pegmatite	9698		8.7	15.7	9.3	210.3	2.6	9
119.0-120.0	"	"	"	"	12	" " " " " " " , No Peg.,	9699		5.9	13.9	4.9	173.8	1.6	6
120-121.0	50	45	"	"	12	.50 cm chunk Qtz & Coarse xtls.	9700		8.9	13.1	6.6	254.6	1.2	4
121.0-122.0	60	35	2	3	12	xtls & Fine Granite.	9701		5.8	13.7	3.3	208.3	1.0	4
122.0-123.0	"	"	"	-	12	" " "	9702		6.7	13.4	3.8	222.6	1.3	8
123.0-124.0	"	"	"	"	12	" " "	9703		5.9	13.5	6.9	193.8	2.1	7
124.0-125.0	65	30	"	"	12	Mainly Peg, chunk. Perthite rare garnet & Pyrite	9704		8.1	14.2	7.8	227.8	2.1	14
125.0-126.0	60	35	"	4	12	Mainly Granite xtls thin Bands of Crocoism, " " & Pyrite.	9705		8.8	12.5	4.8	265.2	1.3	10
126.0-127.0	60	35	"	"	12	" " " " " " "	9706		8.0	13.3	6.5	246.2	2.7	12
127.0-128.0	60	35	"	4	12	" " " " " " "	9707		6.9	12.7	4.8	216.4	1.7	6
NOTE: all % is Estimated									NOTE: all assays in P.P.M.					

(33)

349.0

95.2

HOLE NO. 4.L00-7

PAGE NO. 12A

METERS	% Feldspar	% Quartz	% Tourm.	% Muscovite	Page of Dri. Log	Mineralization, Alteration, Lessor Mineral Components.	Sample No.	Width	Cs	Ga	Nb	Rb	Ta	Be
128.0-129.0	60	30	3	7	12	mainly Tour. Granite, with thin Bands of Peg & greisen, weak garnet diss.	9708		7.8	13.4	4.4	253.0	1.6	10
129.0-130.0	"	"	"	"	12	" " " , " " " " & " , " " "	9709		7.5	15.7	8.2	221.7	1.9	10
130-131	"	"	"	"	12	" " " , " " " " & " , " " "	9710		9.6	13.3	5.1	235.7	1.9	11
131-132	"	"	"	"	12	" " " , " " " " & " , diss. Pyrrhotite (Fine)	9711		7.4	12.7	5.1	205.3	2.4	4
132-133	"	"	"	"	12	" " " , " " " " & " , Some large garnets in Peg.	9712		12.1	14.0	5.1	280.0	2.1	9
133-134	"	"	"	"	12	" " " , " " " " & " , rare garnets.	9713		11.2	13.2	4.5	299.3	2.5	10
134-135	70	20	Tr	10	13	Peg. mainly Feld. & Coarse Musc., with Some fine transparent look grey Tour. ?	9714		7.9	13.8	7.3	252.4	2.1	7
135-136	"	"	"	"	13	" " " & " " " " " "	9715		12.1	12.9	6.5	322.5	3.7	5
136-137.0	"	"	"	"	13	" " " & " " " " " "	9716		11.8	13.8	6.9	292.8	2.5	10
137-138	60	35	3	7	14	GRANITE med. xtln, abund. tour. needles, with thin Bands of Greisen.	9717		8.0	12.5	4.4	240.8	1.6	4
138-139.5	"	"	"	"	14	" " " , " " " " " "	9718	1.5	6.0	12.1	4.4	166.4	1.7	5
139.5-140.0	50	50	Tr	Tr	15	Some med xtln. Apatite.	9719	0.5	23.4	11.2	6.6	422.9	2.0	3
140.0-141	60	35	Tr	5	15	Apple Green Feld., Some diss. Pyrrhotite	9720		9.8	15.2	9.1	226.1	2.4	9
141.0-142	"	"	"	"	15	" " " , " " "	9721		6.3	15.0	2.3	220.5	1.9	6
142.-143	"	"	"	"	15	" " " , " " " , 10 cm Qtz Vein.	9722		7.0	11.7	5.6	222.8	2.1	10
143.-144	"	34	1	5	15	" " " , " " " ,	9723		6.2	14.3	4.0	199.8	1.3	7
144.-145	"	35	Tr	5	15	" " " , " " " ,	9724		6.0	14.3	4.1	199.1	1.4	6
145.-146	"	35	Tr	"	15	" " " , " " " ,	9725		10.0	12.4	6.4	286.5	1.2	8
146.-147	"	"	"	"	15	" " " , " " " ,	9726		11.0	11.4	2.0	313.7	0.6	11
147-148.5	"	"	"	"	15	" " " , " " " ,	9727	1.5	9.2	15.9	5.8	156.8	2.6	11
148.5-149.5		GABBRO			16	Gabbro, 20 cm of limonite gauge	9728	1.0	16.0	16.4	7.6	186.5	2.0	6
149.5-150.0		GABBRO			16	Gabbro — finely xtln.	9729	1.5	16.6	19.4	5.6	140.1	0.5	5

148.5

NOTE: all % is estimated

NOTE: all assays in P.P.M.

(22) 2229 42

DRILL HOLE RECORD **CHAPLEAU RESOURCES LTD.**

PROPERTY: PAKK/Horn		**HORI COMP:** 142.0	**HOLE #: HL00-8**
LOCATION: Hellroaring Stock		**VERT. COMP:** 52.0	**LENGTH: 152.0 m**
COMMENCED: Oct 16, 2000	**COMPLETED:** Oct 20, 2000	**CORR. DIP:** -20°	
COORDS: (long)	(lat)	**TRUE BEARING:** 260°	**DRILL CONTRACTOR:** Britton Bros.
COORDS: (UTM) (E) 559,070	(N) 5,490,960 (EL)	**% RECOVERY:**	**CORE SIZE:** NQ
COORDS: (grid) (E)	(N) (EL)	**LOGGED DATE:** Oct 2000	**CASING:** 0
ELEVATION: 1700 m	**COLLAR:** (dip) (Azi)	**LOGGED BY:** D.L. Pighin	**CORE STORAGE:** Vine Property
OBJECTIVE:			
SURVEYS: (depth)	**Dip:** **Azi:**	**Type:**	**Additional Surveys:**
			Depth **Dip** **Azi**

From To	
	LITHOLOGY: Pegmatitic granite
0-11.0	**TEXTURE:** coarse to very coarsely crystalline, muscovite is very coarsely crystalline, perthitic feldspar very coarsely crystalline to massively crystalline
	COLOR:
	COMPOSITION: 40% perthite and microcline-albite white, bluish white, 50% smoky clear quartz, 10% silvery muscovite, tourmaline is very rare in the bottom of the interval, rare fine disseminated apatite and g.f. hyalite
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: See sample page 1a attached

From To	LITHOLOGY: granite interveined by pegmatitic granite
11.0-15.3	**TEXTURE:** Schlieren, consisting of irregular zones of medium crystalline garnets and coarsely crystalline pegmatitic garnite
	COLOR: white and gray mottled with black speckling
	COMPOSITION: 70% white-bluish white albite-microcline, 25% smoky clear quartz, 5% silvery and greenish muscovite, some zones of weakly disseminated fine apatite, less than 1% disseminated black tourmalinite. Granite phases host widely scattered pink euhedral garnet
	TECTONIC STRUCTURE:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: rare disseminated py, and weakly abundant pyrolusite? In crystal lattice Aspy and po weakly disseminated in some of the granite phases See sample page 1a attached
From To	**LITHOLOGY:** Pegmatitic granite
15.3-21.7	**TEXTURE:** very coarse crystalline, massively crystalline feldspar, muscovite and tourmaline widely scattered tourmaline crystals 1cm to 2cm in cross section
	COLOR: white to bluish white with gray mottling
	COMPOSITION: 55% white to bluish white perthite, 20% smoky quartz, 5% black tourmaline, 20% silvery gray to silvery white muscovite, relatively abundant large apatite crystals 1cm to 5cm in cross section, some crystals are visible in core as yellowish-greenish white crystals, all fluoresce bright orange
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: rare py, abundant black very fine black mineral in muscovite (columbite?) See sample page 1a attached
From To	**LITHOLOGY:** Quartz eye granite
21.7-22.7	**TEXTURE:** medium crystalline with small subrounded to angular smoky quartz crystals 2 to 5mm in size, some scattered patches of very fine tourmaline needles
	COLOR: white mottled gray with some zones of fine black speckles
	COMPOSITION: 60% white albite-microcline, 35% smoky quartz, 5% tourmaline, muscovite and garnet widely scattered small fluorescence orange crystals (apatite)
	TECTONIC STRUCTURE:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: See attached sample sheet 1a

From To	
22.7-31.0	**LITHOLOGY:** Pegmatitic granite
	TEXTURE: coarse to very coarsely crystalline, scattered books of very coarse muscovite, in massive crystalline feldspar and quartz – some scattered large apatite crystals
	COLOR: mottled gray and white, some yellow and brown staining
	COMPOSITION: 45% perthitic feldspar bluish gray white, 45% clear smoky quartz, 10% muscovite. Tourmaline is rare, and rare sericitized garnets, locally abundant. Apatite crystals up to 1cm in cross section. Scattered zones of disseminated green fluorescence (hyalite)
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: some disseminated py and limonite after py. See attached sample sheet 2a. Some sections of abundant black oxide dendrites mainly along crystalline lattice
From To	**LITHOLOGY:** Granite veined by Pegmatitic granite and graphic granite
31.0-41.0	**TEXTURE:** schlieren, medium crystalline granite, irregularly veined or zoned by coarsely crystalline pegmatitic granite and coarsely crystalline graphic granite
	COLOR: gray mottled white, speckled by black and light pink
	COMPOSITION: generally 45% white albite and microcline, 4% smoky clear quartz, 8% silver gray muscovite, 2% tourmalinite, widely scattered orange fluorescence apatite, scattered zones of finely disseminated green fluorescence (hyalite?) pink garnets are widely scattered throughout
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: rare widely scattered py and limonite. See attached sample page 2a.
From To	**LITHOLOGY:** Pegmatitic granite
41.0-51.5	**TEXTURE:** very coarsely crystalline, abundant book of very coarsely crystalline muscovite. Feldspar massively crystalline.
	COLOR: bluish white mottled gray and silvery gray
	COMPOSITION: general 50% bluish perthitic feldspar, 40% clear smoky quartz, 10% silvery muscovite, rarely silvery green, minor orange fluorescence apatite, and relatively abundant CrF (hyalite). Rare beryl crystals noted. Tourmaline is rare and widely scattered.
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: See attached sample sheet 2a and 7a.

From To	LITHOLOGY: Mixed granite, pegmatitic granite and rare graphic granite
51.5-74.7	**TEXTURE:** schlieren, medium crystalline granite, cut by coarsely crystalline to very coarsely crystalline pegmatitic granite and thin zones of graphic granite
	COLOR: white and bluish white mottled gray overprinted by fine black speckling with rare pink speckling
	COMPOSITION: generally 60% white and bluish gray microcline-apatite and berthite, 30% quartz clear, 8% silver gray muscovite, 2% tourmaline and pink garnet, widely scattered large and small O.F. apatite crystals scattered thin zone of weakly disseminated g.f. hyalite, 51.5-65.5m widely scattered beryl crystals noted.
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: See attached sampling sheet 7a
From To	**LITHOLOGY:** Pegmatitic granite
74.7-83.3	**TEXTURE:** very coarsely crystalline, feldspar generally very-very coarsely crystalline, muscovite generally medium crystalline and rarely coarse, tourmaline generally medium crystalline to very finely crystalline
	COLOR: white to bluish white with gray and silvery gray mottling, overprinted in part by black dendrites
	COMPOSITION: in general 70% white albite and microcline and bluish white perthite, 25% smoky quartz and 5% silvery and greenish muscovite, widely scattered tourmaline needles and rare pink garnets. Some widely scattered O.F. small apatite crystals and some thin zones of disseminated g.f. hyalite
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: See attached sample sheet 9a.
From To	**LITHOLOGY:** Gabbro, 85.6-87.8m pegmatitic granite
83.3-105.7	**TEXTURE:** medium grained gabbro
	COLOR: green
	COMPOSITION: amphibole-plagioclase, pegmatite is coarse crystalline, 50% microcline and albite, 45% clear quartz, 2% tourmaline, 3% muscovite
	TECTONIC STRUCTURE: foliated gabbro, alignment of minerals at 53° to core at 86.0m, at 84.0 = 57°
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: See attached sample sheet 9a.

From To	
105.7-125.2	**LITHOLOGY:** Mixed pegmatitic garnite and garnite with scattered blocks of gabbro
	TEXTURE: schlieren, mainly coarsely crystalline pegmatite with scattered thin to irregular granite zones. Gabbro blocks 107.7 to 108.7m, 110.7-111.3m, 115.7-116.7m.
	COLOR: mottled white and smoky gray overprinted by black spotting and speckling
	COMPOSITION: 45% white albite-microcline, 45% clear smoky quartz, 5% black tourmaline, 5% muscovite with rare tiny O.F. apatite crystals and rare disseminated g.f. hyalite
	TECTONIC STRUCTURE: healed shear zone at 123.2m cuts core at 50°, consists of mylonized pegmatite 20cm thick
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: See attached sample sheet 9a and 11a
From To	**LITHOLOGY:** Pegmatitic granite
125.2-130.7	**TEXTURE:** very coarsely crystalline, some very large tourmalinite and muscovite crystals
	COLOR: white and gray mottling overprinting by black spotting and speckling
	COMPOSITION: 50% microcline and albite, some perthite, 25% clear smoky quartz, 5% black tourmaline, and 15% silver gray rare greenish muscovite, rare small apatite crystals
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: See attached sample sheet 11a
From To	**LITHOLOGY:** Mixed irregular zones of granite, pegmatite, lesser graphic granite and rare apatite
130.7-146.7	**TEXTURE:** schlieren, medium granite and graphic granite and very coarse crystalline. Pegmatite with some very large tourmaline crystals, muscovite and feldspar
	COLOR: salmon white, white and gray mottling with black spotting and speckling
	COMPOSITION: in general 60% white and salmon brown microcline-albite, some perthite feldspar, 30% smoky clear quartz, 3% tourmalinite, 7% muscovite generally silvery gray and lesser silvery light green muscovite, rare apatite and very rare hyalite green fluorescence
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: See attached sample page 11a

From To	
146.7-152.4	**LITHOLOGY:** Pegmatitic granite
	TEXTURE: very coarse crystalline. Feldspar and muscovite and tourmaline
	COLOR: mainly gray with white and silvery gray mottling
	COMPOSITION: 60% white microcline and albite, some perthitic, 30% quartz, 15% muscovite, 5% tourmaline, some small widely scattered apatite crystals generally fluoresce orange. Some muscovite is greenish
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: See attached sample sheet 14a
From To	
152.4	**END OF HOLE**

HQ NO H.L.00-8

PAGE: (1A)

METERS	MINERALIZATION & ASSOC. ALTERATION, HOST STRUCTURE:														
	% FELD.	% QTZ	% TOUR	% MUSC	PAGE IN LOG	MINERALIZATION & LESSOR MINERAL COMPONENTS	sample	length	Cs	Ga	Nb	Rb	Ta	Be
0.0 - 1.0	10	80%	NIL	10	1	mainly QTZ, Some Perthite,	09316		27.6	8.8	7.9	494.5	2.4	1
1.0 - 2.0	10	80	NIL	10	1	" " " " "	09317		13.2	11.1	20.3	175.5	6.5	2
2.0 - 3.0	35	60	NIL	5	1		09318		26.9	12.1	15.5	323.4	4.8	3
3.0 - 4.0	50	45	NIL	5	1		09319		28.0	12.1	12.4	523.5	3.9	1
4.0 - 5.0	50	45	NIL	5	1		09320		10.3	10.1	32.3	161.2	23.7	4
5.0 - 6.0	85	5	NIL	5	1	mainly Perthite feld.	09321		51.1	12.7	3.0	283.9	1.6	6
6.0 - 7.0	50	45	NIL	5	1	" Qtz & Perthite.	09322		16.3	7.6	7.9	343.5	5.0	5
7.0 - 8.0	30	50	NIL	20	1	" " "	09323		35.5	19.8	41.3	423.0	13.2	7
8.0 - 9.0	60	35	trace	5	1	Some weakly diss. Apatite O.F.	09324		24.0	28.6	67.9	376.1	29.1	65
9.0 - 10.0	70	25	rare	5	1	Some Pebbles of C.F. Hyalite	09325		53.1	13.5	7.7	684.1	6.4	23
10.0 - 11.0	70	25	rare	5	1	20 cm of good diss. C.F. Hyalite, Some oel. Sphene, rare pyrite.	09326		40.0	14.6	5.5	377.9	3.4	27
11.0 - 12.0	70	24	1%	5	2	weakly diss. Apatite & rare diss. Arsenopyrite & pyrrhotite, pyrite (As 478')	09327		37.7	22.3	20.2	406.6	8.4	20
12.0 - 13.0	70	24	1%	5	2	" " " " " " " " " " (As 635')	09328		34.1	17.6	11.6	288.7	7.3	116
13.0 - 14.0	70	20	1%	9	2	Coarsely Hbl - Fe(l. & Musc. (As 173)	09329		20.1	22.2	68.1	312.4	38.0	190
14.0 - 15.3	70	20	2	8	2	" " - " + Musc & Tour, diss Apatite Zones.	09330		13.4	21.2	28.6	129.3	13.0	37
15.3 - 16.0	70	5	5	20	3	mainly Perthitic, Some Apatite	09331		17.5	28.1	45.3	211.1	18.9	82
16.0 - 17.0	60	5	5	30	3	" " " " Massive coarsely Hbl Musc.	09332		13.0	36.1	54.3	366.4	8.9	6
17.0 - 18.0	10	60	trace	30	3	Abund Smoky Qtz. & Muscovite. Sh 143	09333		32.3	52.3	117.8	670.2	17.7	13
18.0 - 19.0	20	20	trace	60	3	Abund. muse. and Apatite. Sh 352	09334		117.3	72.2	170.1	1297.7	41.3	13
19.0 - 20.0	60	30	rare	10	3		09335		32.2	12.9	26.9	479.9	22.3	4
20.0 - 21.0	60	30	rare	10	3	one Pebble of Hyalite (C.F.)	09336		57.9	26.5	83.2	914.2	16.8	7
21.0 - 21.7	60	35	2	2	4	med. Hbl Qtz-eye Granite.	09337	.7	29.8	25.8	38.2	376.7	12.9	8
21.7 - 22.7							09338		10.6	18.2	5.4	102	4.8	11
								Total	727	513.5			156.7	

HQ NO H.L.-00-8

PAGE: (2A)

METERS	MINERALIZATION & ASSOC. ALTERATION, HOST STRUCTURE:													
	% FELD.	% QTZ.	% TOUR	% MISC	PAGE IN LOG	MINERALIZATION & LESSOR MINERAL COMPONENTS	sample	length	Cs	Ga	Nb	Rb	Ta	Be
22.7–23.7	70	25	Tr.	5	5	Some weakly diss Apitite xtls.	09339		43.1	15.0	6.6	564.6	1.8	9
23.7 – 24.7	50	40	Tr	10	5	" " " " "	09340		32.2	22.9	24.2	558.7	6.0	10
24.7 – 25.7	20	60	Tr	20	5	" " " " " , Some large xtls of Apitite, lite yellow-green	09341		22.7	26.5	122.6	360.9	149.0	9
25.7 – 26.7	45	45	Tr	10	5	Limonitic Pyrite, Brown and yellow oxides.	09342		76.2	10.4	5.4	502.4	3.6	22
26.7 – 27.7	90	10	Tr	Tr	5	" " " " " " Pb 263	09343		67.0	13.1	1.2	516.7	1.4	13
27.7 – 28.7	80	20	Tr	Tr	5	" " " " " " Pb 463 – 299 Ag	9344		51.4	9.8	2.0	620.0	1.4	7
28.7 – 29.7	95	95	Tr	10	5	Abund Black oxides (Pyrolusite)	9345		13.6	11.5	6.3	177.8	3.0	15
29.7 – 31.0	95	95	Tr	10	5	" " " (") Some weak diss Apitite	9346		5.0	15.9	6.8	71.5	3.2	21
	"	"	"	"	"	" " " (")								
31 – 32.0	50	45	Tr	5	6	G.F. diss. 10cm, Abund. Black oxides.	9347		7.3	14.5	3.2	28.8	0.7	15
32 – 33	45	48	2	5	6	G.F. diss weak 10 cm thick, Black oxides, Some Pink garnets	9348		15.7	13.8	27.6	238.6	13.9	21
33 – 34.	45	48	2	5	6	— Some garnets.	9349		4.2	14.7	40.3	78.6	21.3	62
34 – 35	45	47	3	5	6	30 cm weak Diss. G.F., Garnets + Some large Tour. xtls.	9350		10.6	15.4	4.2	181.7	0.7	12
35 – 36	50	40	3	8	6	Some pertitic Feld.	9351		20.4	16.8	12.9	407.3	2.5	9
36 – 37	50	40	3	8	6	Some pink garnet + coarse inclus.	9352		18.1	8.4	22.7	762.0	10.4	17
37 – 38	60	30	2	8	6	G.F diss. & rare Apitite for 10cm.	9353		5.3	16.0	10.6	138.2	4.8	9
38 – 39	60	30	2	8			9354		3.8	18.3	52.3	571.7	14.0	32
39.0 – 40.0	60	30	2	8	6		9355		34.8	10.8	30.8	569.1	12.5	50
40.0 – 41.0	60	30	2	8	6	—	9356		8.2	10.0	14.0	169.7	2.2	25
41.0 – 42.0	50	40	Tour	10	7	G.F. diss. 10cm – Scattered Apitite xtls.	9357		16.9	24.9	34.2	263.9	10.9	67
42.0 – 43.0	50	40	Tour	10	7	G.F & weak Apitite diss.	9358		38.3	11.6	16.9	491.7	0.7	81
43.0 – 44.0	50	40	Tour	10	7		9359		13.6	15.0	8.0	223.3	1.9	19
44.0 – 45.0	50	40	Tour	10	7	Scattered Apitite xtls	9360		29.4	17.6	15.6	454.3	4.1	34
45.0 – 46.0	55	40	Tour	5	7	Some patches of Graphic granite.	9361		45.0	14.2	12.7	697.9	6.3	103
46.0 – 47.0	55	35	Tour	10	7	Scattered large G.F. Apitite xtls Beryl xtl.?	9362		34.6	10.2	22.5	378.3	5.9	64
47.0 – 48.0	55	35	Tour	10	7	Abund Coarse Muscovite	9363		52.4	21.3	23.3	522.5	3.3	4
									727	1103.8			292.2	

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PAGE: 7A

METERS	% FELD.	% QTZ.	% TOUR	% MUSC	PAGE IN LOG	MINERALIZATION & ASSOC. ALTERATION, HOST STRUCTURE: MINERALIZATION & LESSOR MINERAL COMPONENTS	sample	length	Cs	Ga	Nb	Rb	Ta	Be
48.0 - 49.0	55	35	rare	10	7	abund. coarse Musc. 30 cm weak diss. G.F. Hylaite	09364		71.8	20.9	45.8	514.7	45.8	8
49.0 - 50.0	55	35	rare	10	7	abund. coarse Musc., 30cm strong G.F. Hylaite, Beryl xtls ?	09365		42.2	19.7	50.3	212.7	29.4	704
50.0 - 51.0	55	35	rare	10	7	" " "	09366		30.6	24.4	25.0	396.9	4.7	46
51.0 - 51.5	55	35	rare	10	7	" " "	09367		64.9	13.1	5.7	570.2	1.7	7
51.5 - 52.5	50	40	1	9	8	Some smaller O.F Apitite xtls., scattered Pink garnets	09368		44.7	16.0	14.3	454.9	9.0	2
52.5 - 53.5	50	40	1	9	8	" " "	09369		38.6	17.9	12.1	427.8	2.9	5
53.5 - 54.5	55	35	1	9	8	abund. Black oxides (MnO)	09370		34.1	19.5	8.1	406.7	1.4	8
54.5 - 55.5	55	35	1	9	8	" " " (MnO) at least one Beryl xtl. & Apitite xtls.	09371		38.8	16.0	12.6	397.8	2.3	1522
55.5 - 56.5	55	35	1	9	8	" " " "	09372		27.8	14.1	8.4	393.0	1.7	4
56.5 - 57.5	55	35	1	9	8	Rare Tur. & Apitite xtls.	09373		42.8	14.2	14.6	450.7	3.1	3
57.5 - 58.5	50	40	tr	10	8	abund. Black oxides (MnO)	09374		10.5	12.6	8.9	138.5	1.4	9
58.5 - 59.5	55	35	Tr	10	8	30 cm of G.F (Hylaite) & O.F Small xtls of apitite	09375		16.9	16.2	6.9	236.1	2.9	8
59.5 - 60.5	55	45	Tr	5	8	"	09376		8.9	13.1	7.8	107.9	1.5	6
60.5 - 61.5	55	43	2	5	8	Tr of Large xtls of O.F. Apitite	09377		42.5	14.5	12.9	483.2	2.5	2
61.5 - 62.5	60	45	Tr	5	8	50 cm of Lt. green Apitite with rare G.F. (pl. 7a1)	09378		15.9	11.1	4.5	170.9	1.0	7
62.5 - 64.0	—	—	—	—	8	— Cavity NO CORE	—	—	—	—	—	—	—	—
64.0 - 65.0	70	25	Tr	5	8	Green Felds., Limonite stain & Black Oxides (MnO) Some G.F (pl. 1225)	09379		24.4	14.7	11.2	372.0	1.4	3
65.0 - 66.0	70	25	Tr	5	8	Some perthitic Felds. Poss. Beryl xtls. rare Apitite xts.	09380		31.8	11.0	10.6	463.0	2.6	28
66.0 - 67.0	60	35	Tr	5	8	Scattered O.F Apitite xtls & G.F. (Hylaite) Some MnO stain.	09381		10.9	13.0	10.4	179.4	1.8	10
67.0 - 68.0	60	35	tr	5	8	10 cm of weak G.F. abund. MnO	09382		21.2	12.2	9.1	442.6	1.0	4
68.0 - 69.0	70	25	Tr	5	8	abund (MnO) Some perthitic Felt.	09383		29.9	12.3	7.6	420.8	2.8	9
69.0 - 70.0	50	40	3	7	3	Locally abund. Orange garnets Granite	09384		32.8	12.4	4.0	460.-	1.6	6
70 - 71.0	70	25	Tr	5	8	Some MnO. Granite	09385		48.6	10.8	8.8	644.9	3.8	10
71.0 - 72.0	50	40	3	5	8	abund less. Pink garnets Granite	09386		1.0	13.6	6.1	129.9	3.9	2
72.0 - 73.0	50	40	3	5	8	" " " " "	09387		9.9	13.6	8.0	194.4	3.9	19
73.0 - 74.7	50	40	3	5	8	" " " " "	09389		5.5	13.9	4.6	101.6	2.4	11
									630	367.1			124.7	

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PAGE: 9A

METERS	MINERALIZATION & ASSOC. ALTERATION, HOST STRUCTURE:													
	% FELD.	% QTZ.	% TOUR	% MUSC	PAGE IN LOG	MINERALIZATION & LESSER MINERAL COMPONENTS	sample	length	Cs	Ga	Nb	Rb	Ta	Be
74.7 – 75.7	45	48	2	3	9	———	09389		5.8	17.1	10.6	234.3	1.1	11
75.7 – 76.7	50	45	tr	5	9	Cavity 50cm thick.	09390		42.2	10.2	1.5	918.3*	5.9	1
76.7 – 77.7	60	30	3	7	9	50 cm weakly disc. Aplitic & G.F Hylonite	09391		24.7	12.8	6.1	521.6	1.1	6
77.7 – 78.7	60	30	3	7	9	1.0 m " " " & " "	09392		12.3	12.6	4.4	306.6	2.9	5
78.7 – 79.7	80	20	tr	tr	9	mainly Perthitic Feldspar	09393		40.6	10.8	1.1	826.6	0.3	3
79.7 – 80.7	70	30	tr	tr	9	" " "	09394		24.7	12.7	3.4	523.9	1.0	10
80.7 – 81.7	50	40	tr	10	9	Some green Muscovite	09395		10.1	15.6	11.9	280.1	1.1	2
81.7 – 83.3	50	40	5	5	9	Some limonite staining	09396		9.9	15.7	11.4	292.7	1.5	13
Crabbro							———							
85.6 – 87.8	50	45	2	3	10	———	09397		5.2	12.4	4.6	121.6	ns	9
105.7 – 106.7	45	45	1	4	11	Abund. Limonite (Weathering)	09398		5.0	11.7	7.9	109.1	5.2	14
106.7 – 107.7	45	45	1	4	11	rare small aplitic vlts., Feldspar Quartz pegmatite	09399		29.5	18.9	9.8	307.6	1.1	3
107.7 – 108.7	ALL	Crabbro			11	No Sample.	———							
108.7 – 109.7	50	45	2	3	11	10 cm of weak lin. G.F (Hylonite)	09400		10.8	12.4	2.1	167.6*	1.1	13
109.7 – 110.7	50	45	1	4	11	rare small O.F. Aplitic vlts.	09401		27.4	15.3	22.8	272.5	16.7	22
110.7 – 111.7	50	45	1	4	11	50 cm of Crabbro in Sample.	09402		13.0	18.0	7.8	315.5*	2.3	6
111.7 – 112.7	55	40	1	4	11	Some perthitic feld.	09403		17.6	15.6	4.9	371.8*	2.1	10
112.7 – 113.7	55	40	1	4	11	———	09404		7.9	14.3	3.9	175.4	2.2	1
113.7 – 114.7	60	35	1	4	11	Some Perthitic	09405		12.6	15.8	5.8	268.1*	2.3	4
114.7 – 115.7	60	35	1	4	11	mainly Perthitic feld.	09406		11.3	16.6	6.4	276.2	1.8	11
115.7 – 116.7	GRABBRO			—	11	No Sample.	———							
116.7 – 117.7	50	40	2	8	11	Some Coarse Muscovite	09407		12.5	14.9	5.5	265.9	2.8	7
117.7 – 118.7	50	40	2	8	11	" " " , Small Patch of G.F. Hylonite + Aplitic vlts.	09408		11.6	16.1	5.4	226.3	2.0	14
118.7 – 119.7	50	40	2	8	11	———	09409		12.2	14.0	4.9	261.7	2.1	4
119.7 – 120.7	45	45	1	9	11	Some very Coarse vlts. Muscovite, with Some Scattered Aplitic dig.	09410		7.7	19.8	50.5*	215.0*	53.5*	10
120.7 – 121.7	50	45	1	4	11		09411		11.3	13.0	7.3	320.4	1.2	6
									359	336.3			105.8	

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PAGE: 1117

METERS	MINERALIZATION & ASSOC. ALTERATION, HOST STRUCTURE:														
	% FELD.	% QTZ.	% TOUR	% MUSC.	PAGE IN LOG	MINERALIZATION & LESSOR MINERAL COMPONENTS	sample	length	Cs	Ga	Nb	Rb	Ta	Be
121.7 - 122.7	60	30	2	8	11	50 cm pink felsic Cavity.	09412		7.0	15.2	6.4	207.4	1.9	12
122.7 - 123.7	60	30	1	4	11	includes mylonitized shear zone.	09413		8.6	14.9	18.1	265.1	29.6	6
123.7 - 124.7	60	30	2	3	11	Salmon colored Felds. and altered Brown garnet	09414		7.2	15.3	7.5	226.7	3.0	6
124.7 - 126.7	60	30	2	3	11	melee Core Loss. and " " "	09415		13.4	18.9	13.4	392.8	3.1	11
126.7 - 127.7	60	30	2	3	11	Salmon colored Felds. and " " "	09416		8.9	15.1	6.3	251.4	1.9	5
127.7 - 128.7	70	10	1	19	12	Mainly Feld - some good Perthite	09417		15.0	16.9	8.3	397.1	1.9	18
128.7 - 129.7	60	30	1	9	12	Some coarse Muscovite, rare Apitic stks.	09418		6.3	17.2	8.0	177.1	1.6	11
129.7 - 130.7	60	30	1	9	12	" " " "	09441		13.4	21.5	20.8	349.2	4.5	9
130.7 - 131.7	60	30	2	8	13		09419		8.9	18.3	4.5	249.4	1.7	3
131.7 - 132.7	60	30	2	8	13	Some Salmon colored Felds. rare Apitic stks.	09420		6.3	16.5	5.0	208.1	1.3	13
132.7 - 133.7	60	30	2	8	13	" " " " " " " "	09421		13.9	15.2	5.3	310.0	1.7	5
133.7 - 134.7	60	30	2	8	13	Granite mainly med-c grained aplitic.	09422		21.1	13.9	3.4	254.9	1.2	9
134.7 - 135.7	60	30	2	8	13	Some Salmon, weak diss. aplitic stks.	09423		26.0	16.6	8.5	280.0	3.5	11
135.7 - 136.7	65	25	2	8	13	Some Perthitic, rare coarse stks Muscovite.	09424		7.7	15.6	8.5	162.2	2.5	14
136.7 - 137.7	60	30	2	8	13	" " , mainly granitic	09425		16.0	14.9	6.5	355.7	3.0	7
137.7 - 138.7	65	25	2	8	13	50 cm. graphic granitic. Some coarse stks Muscovite.	09426		29.1	16.4	11.5	321.6	3.5	10
138.7 - 139.7	60	30	2	8	13	rare aplitic stks. mainly granitic	09427		37.5	18.9	14.8	288.5	4.7	16
139.7 - 140.7	60	30	2	8	13	rare thin Zones Aplitic, rare stks. of Apitic	09428		18.9	16.9	13.2	191.1	5.2	8
140.7 - 141.7	65	25	2	8	13	Perthitic Felds. mainly Pegmatite.	09429		21.1	21.1	16.2	378.9	3.2	14
141.7 - 142.7	60	30	2	8	13	Some thin Zones of weak G.F. diss Hyalite	09430		10.9	17.8	9.6	214.4	3.1	8
142.7 - 143.7	50	30	5	15	13	mainly pcg, 30 cm weak diss. G.F. Hyalite. (AS 554) V. 40	09431		12.7	20.4	16.1	162.8	5.2	9
143.7 - 144.7	50	30	5	15	13	Salmon Brown Felds. weak diss. G.F. Hyalite.	09432		26.1	19.5	7.0	311.1	3.3	12
144.7 - 145.7	50	30	5	15	13	" " "	09433		14.7	13.7	25.9	221.1	10.0	11
145.7 - 146.7	60	30	2	8	13	50 cm of Graphic Granite	09434		32.7	12.3	3.2	352.0	1.1	5
								(24)	5.13	3.24			25.7	

DRILL HOLE RECORD **CHAPLEAU RESOURCES LTD.**

PROPERTY: HORN-PAKK		**HORI COMP:**	**HOLE #: HL00-9**
LOCATION: Hellroaring Stock		**VERT. COMP:**	**LENGTH: 19.8 m**
COMMENCED: Oct 11, 2000	**COMPLETED:** Oct 15, 2000	**CORR. DIP:** +14°	
COORDS: (long)	**(lat)**	**TRUE BEARING:** 260°	**DRILL CONTRACTOR:** Britton Bros.
COORDS: (UTM) (E) 559,070	**(N)** 5,490,960 **(EL)**	**% RECOVERY:**	**CORE SIZE:** NQ
COORDS: (grid) (E)	**(N)** **(EL)**	**LOGGED DATE:** October 2000	**CASING:** 0
ELEVATION: 1700 m	**COLLAR: (dip)** **(Azi)**	**LOGGED BY:** D.L. Pighin	**CORE STORAGE:** Vine Property
OBJECTIVE:			
SURVEYS: (depth)	**Dip:** **Azi:**	**Type:**	**Additional Surveys:** **Depth** **Dip** **Azi**

From To	
	LITHOLOGY: Pegmatitic granite
0-6.8	**TEXTURE:** very coarsely crystalline, very coarsely crystalline muscovite and rare large crystals of black tourmaline
	COLOR: light bluish gray and white, with smoky quartz mottling
	COMPOSITION: 60% light bluish white perthite, 30% smoky clear quartz, 10% muscovite silvery gray and silvery yellowish gray, widely scattered small orange fluorescence apatite, some beryl crystals noted, rare green fluorescence (hyalite?)
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: rare beryl crystals and abundant black oxides (pyrolusite?) along fractures. See attached sample page 1a

From To	
6.8-11.1	**LITHOLOGY:** Mixed pegmatitic garnite and granite
	TEXTURE: schlieren, irregular veins or zones of medium crystalline granite and coarsely crystalline, pegmatitic garnite, tourmaline crystals very finely crystalline in general
	COLOR: mottled white, gray and dark gray with black speckling and dark brown staining
	COMPOSITION: 45% white albite, micro 45% quartz, 2% tourmaline and 8% fine muscovite, widely scattered orange fluorescence apatite crystals large and tiny, rare green fluorescence (hyalite)
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: abundant limonite staining (dark brown) and black oxides (pyrolusite). See attached sample sheet 1a.
From To	**LITHOLOGY:** Pegmatitic granite
11.1-19.8	**TEXTURE:** coarse to very coarsely crystalline, local patches of very coarsely crystalline muscovite, tourmaline crystals very coarsely crystalline up to 2cm in cross section
	COLOR: white and gray mottled, with abundant black spotting, overprinted by brown staining
	COMPOSITION: 45% albite-microcline, 45% gray quartz, 2% black tourmaline, 1% pink and brown garnets, 7% fine to very coarsely crystalline muscovite. Scattered large and tiny orange fluorescence aplite and green fluorescence (hyalite)
	TECTONIC STRUCTURE:
	GENERAL ALTERATION: nearly all the garnets are altered to sericite and commonly stained brown by limonite
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: abundant black and brown oxides. See attached sample page 1a
From To	
19.8	**END OF HOLE**

HOLE NO. H.L. 009

PAGE: (1A)

MINERALIZATION & ASSOC. ALTERATION, HOST STRUCTURE:

METERS	% FELD.	% QTZ.	% TOUR	% MUSC.	PAGE IN LOG	MINERALIZATION & LESSOR MINERAL COMPONENTS	sample	length	Cs	Ga	Nb	Rb	Ta	Be
0 - 1	20	70	Tr	10	1	abund. Smoky Qtz and Coarse Muscovite.	9296	1.0	42.6	21.6	41.3	45.9	22	6
1 - 2	75	20	Tr.	5	1	mainly perthitic Feld., rare orange Fluo. Apatite.	9297		58.5	9.9	5.3	838.6	6.8	3
2 - 3.0	20	70	Tr	10	1	mainly Smoky Qtz & Coarse Muscovite.	9298		40.9	12.4	52.3	696.8	51.8	3
3.0 - 4.0	60	35	rare	5	1	" " " " " " Apatite	9299		8.3	8.5	26.9	128.8	22.6	12
4.0 - 5.0	60	35	rare	5	1	rare large Beryl xtls 1cm-3cm in x.n., 10 cm thick zones of weakly diss Aplite.	9300		7.7	17.8	20.2	144.8	6.9	13
5.0 - 6.0	45	45	rare	10	1	Pockets of massive coarsely xlln Muscovite.	9301		22.2	20.7	23.5	213.9	13.8	16
6.0 - 7.0	45	45	rare	10	1	" " " " " "	9302		28.1	17.9	12.6	206.6	18.6	44
7.0 - 8.0	45	45	2	8	2	abund. Black & Brown oxides	9303		34.6	15.6	10.5	368.2	9.4	29
8.0 - 9.0	45	45	2	8	2	Scattered Orange Fluo. Apatite xtls, abund. Black & Brown oxides	9304		32.7	19.0	17.7	378.4	5.7	19
9.0 - 10.0	45	45	2	8	2	" " " " " , " " " "	9305		8.0	15.3	8.9	139.3	2.4	17
10.0 - 11.0	45	45	2	9	2	" " " " " , " " " "	9306		18.9	15.8	11.4	302.8	5.4	42
11.0 - 12.0	60	30	1	9	3	Abund. Black & Brown oxides	9307		29.0	15.3	17.2	453.2	9.5	13
12.0 - 13.0	50	35	10	5	3	" " " " , Some pockets of diss. green fluor.	9308		22.2	14.9	9.6	339.7	4.4	9
13.0 - 14.0	45	45	2	7	3	" " " " , Some 10 cm thick zones of Diss Aplite & Green Fluor.	9309		4.6	19.3	10.1	114.0	4.7	22
14.0 - 15.0	45	45	2	7	3	" " " " , abund. Altered garnet up 10% by vol 5cm thick zone	9310		8.8	18.8	6.9	173.7	2.2	10
15.0 - 16.0	45	45	2	7	3	" " " " ,	9311		26.8	21.4	16.9	385.5	6.6	11
16.0 - 17.0	45	45	2	7	3	" " " " , 50 cm of diss. Aplite O.F., G.F. Hylacite?	9312		17.2	24.8	24.8	236.	14.1	5
17.0 - 18.0	"	"	"	"	3	" " " " , 10 cm of diss Aplite O.F., G.F. Hylacite?	9313		40.6	23.6	33.8	365.4	29.4	11
18.0 - 19.0	"	"	"	"	3	" " " " , 50 cm of diss Aplite O.F. & G.F. Hylacite	9314		25.2	13.4	9.0	372.5	6.1	10
19.0 - 19.8	"	"	"	"	3	" " " " ,	9315	0.8m	44.9	20.1	24.1	564.3	21.1	6
END OF Hole														

DRILL HOLE RECORD **CHAPLEAU RESOURCES LTD.**

PROPERTY: PAKK-HORN		**HORI COMP:** 140.99	**HOLE #: HL00-10**
LOCATION: Hellroaring Stock		**VERT. COMP:** 140.99	**LENGTH: 199.4 m**
COMMENCED: Oct 22, 2000	**COMPLETED:** Oct 25, 2000	**CORR. DIP:** 45°	
COORDS: (long)	**(lat)**	**TRUE BEARING:** 170° azimuth	**DRILL CONTRACTOR:** Britton Bros.
COORDS: (UTM) (E) 560,635	**(N)** 5,490,020 **(EL)**	**% RECOVERY:**	**CORE SIZE:** NQ
COORDS: (grid) (E)	**(N)** **(EL)**	**LOGGED DATE:** October 2000	**CASING:** 0
ELEVATION: 1590 m	**COLLAR: (dip)** -45° **(Azi)** 170°	**LOGGED BY:** D.L. Pighin	**CORE STORAGE:** Vine Property
OBJECTIVE:			
SURVEYS: (depth)	**Dip:** **Azi:**	**Type:**	**Additional Surveys:**
			Depth **Dip** **Azi**

From To	
	LITHOLOGY: Metasediments interlayered pegmatitic sills. Metasediments thin bedded, bedding sharp, generally flat, commonly finely parallel laminated. Pegmatite coarsely crystalline
0-27.7	**TEXTURE:**
	COLOR: seds – dark gray to black, pegmatite light greenish white and yellow white, gray and brown mottling
	COMPOSITION: seds mainly muscovite and tourmaline with scattered white garnets, pegmatite sills mainly light greenish white or yellowish white albite-microcline feldspar (90%) muscovite 10%, with widely scattered tourmalinite. Seds 3.7-5.4m bedding to core 70°, 6.2-7.0m, 8.4-9.6m, 11.8-12.7m, 15.2-17.4m, 21.3-22.8m, 25.5-27.7m, bedding to core 72°
	TECTONIC STRUCTURE:
	GENERAL ALTERATION: some of pegmatite sills are generally weakly chloritized
	MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: weakly disseminated py in most of the pegmatite sills

From To	
27.7-48.7	**LITHOLOGY:** Graphic granite, rare thin band of aplite
	TEXTURE: medium crystalline with scattered large and tiny crystals of tourmaline muscovite is rarely coarse crystalline, generally fine to medium crystalline
	COLOR: mainly white to light yellowish white with some black spotting and silvery spotting
	COMPOSITION: 60% white and yellowish white albite-microcline, 35% white to clear quartz and 4% silver white muscovite, 1% black tourmaline, some thin zones of red fluorescence
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: See attached sample page 2a
From To	**LITHOLOGY:** Mainly granite with thin irregular bands of pegmatite, aplite and graphic granite
48.7-61.7	**TEXTURE:** Schlieren mainly medium crystalline granite, with scattered zones of coarsely crystalline pegmatite, muscovite generally fine to medium crystalline
	COLOR: greenish white with dark green, yellowish green mottling with scattered black specks and dots
	COMPOSITION: 60% microcline-aplite, generally whitish green, 35% clear white quartz, 5% silvery white and greenish muscovite, small black tourmaline widely scattered throughout section
	TECTONIC STRUCTURE:
	GENERAL ALTERATION: feldspar generally altered by green to dark green chlorite and fine yellowish green muscovite
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: See attached sample page 3a
From To	**LITHOLOGY:** Altered graphic granite
61.7-69.0	**TEXTURE:** medium crystalline, rarely coarsely crystalline
	COLOR: light yellowish white mottled gray with dark brown speckling
	COMPOSITION: 60% white to yellowish white microcline?, 35% clear white to gray quartz, 1% calcareous limonite, 4% very fine clear muscovite or sericite, widely scattered pearly gray brittle micaceous calcareous mineral? Siderite
	TECTONIC STRUCTURE:
	GENERAL ALTERATION: sericitized and sideritized
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: limonite after siderite? Some widely scattered hairline fractures host orange-brown ZnS and PbS, associated with calcite and siderite. See attached sample sheet 3a

From To	LITHOLOGY: Meta-seds
69.0-72.0	**TEXTURE:** fine grained, recrystallized siltstone
	COLOR: light greenish gray
	COMPOSITION: quartz and sericite
	TECTONIC STRUCTURE: bedding to core 55°
	GENERAL ALTERATION: strongly silicified and sericitized, albitized? Locally
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: abundant disseminated py
From To	**LITHOLOGY:** Altered graphic granite
72.0-77.4	**TEXTURE:** graphic textured quartz and coarsely crystalline feldspar and finely crystalline muscovite
	COLOR: white to greenish white with gray mottling
	COMPOSITION: 60% white to a greenish microcline and alpite, 38% white to smoky quartz, 2% finely crystalline muscovite and sericite. Widely scattered blebs of a calcareous lead gray micaceous mineral siderite or dol?
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: widely scattered tiny euhedral py scattered through. See attached sample sheet 3a.
From To	**LITHOLOGY:** Mylonized granite or pegmatite
77.4-88.4	**TEXTURE:** mylonitic, very fine sericite, forms a schist texture around rounded to angular grains of gray quartz
	COLOR: mottled light greenish gray and gray
	COMPOSITION: 60% sericite, 35% gray quartz fragments, 1% muscovite, 4% scattered small wispy patches of a finely crystalline, local gray, pearly calcareous micaceous mineral
	TECTONIC STRUCTURE: foliation mainly 37° to core, rare at 22° to core
	GENERAL ALTERATION: maybe a little talcose
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: See attached sample sheet 7a. Rare thin quartz veins parallel to foliation, host minor py.

From To	
88.4-106.0	**LITHOLOGY:** Altered feldspar-quartz pegmatite, widely scattered blocks of meta-sediments
	TEXTURE: mainly coarse to very coarsely crystalline feldspar, with scattered medium crystalline muscovite
	COLOR: mottled white, dark gray, light gray with patches of apple green
	COMPOSITION: 60% white microcline-albite, 30% clear gray quartz, 3% fine muscovite, 2% pearly gray micaceous carbonate (dolomite?) A deep red fluorescence (UFL) occurs throughout the sections
	TECTONIC STRUCTURE: sed blocks bedding cuts core at 55°
	GENERAL ALTERATION: scattered patches of apple green-yellowish green finely crystalline muscovite? Alters feldspar
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: widely scattered euhedral py and a black mineral (pyrolusite?) generally occurs as tiny specks or lining crystals faces. See attached sample sheet 7a and 8a.
From To	**LITHOLOGY:** Altered pegmatite and felsite, widely scattered small blocks of meta-seds
106.0-125.0	**TEXTURE:** very finely crystalline, has a wispy cataclastic texture. Developed around sharply angular quartz clasts. Rare coarsely crystalline green muscovite
	COLOR: mottled light green, yellowish green and light gray
	COMPOSITION: 60% finely crystalline muscovite, 35% quartz, very rare tourmaline needles, 5% local patches of remnant microcline and albite (felsite)
	TECTONIC STRUCTURE: block of meta-seds. Bedding cuts core axis at 64°
	GENERAL ALTERATION: most to all of the feldspar appears to totally altered to bluish green and yellowish green. Very finely crystalline muscovite, quartz appears unaltered
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: some widely scattered tiny euhedral py. See attached sample sheet 8a
From To	**LITHOLOGY:** Altered Felsite
125.0-131.0	**TEXTURE:** aphanitic (massive) feldspar and very fine crystalline muscovite, the felsite is cut by thin irregular quartz veinlets
	COLOR: white mottled by apple green with gray speckling
	COMPOSITION: 90% albite or microcline feldspar, 2% quartz clear, 6% fine yellow green muscovite and 2% pearly lead gray Ca rich mica, red UVL fluorescence abundant
	TECTONIC STRUCTURE:
	GENERAL ALTERATION: patchy apple green to yellowish green muscovitization throughout section
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: disseminated py and a black mineral is relatively abundant. See attached sample sheet 8a.

From To	LITHOLOGY: Meta-sediments
131.0-134.0	**TEXTURE:** fine grained meta-seds
	COLOR: gray
	COMPOSITION: meta-siltstone, patches of red fluorescence xxx generally in albitized? zones
	TECTONIC STRUCTURE: bedding cuts core axis at 66°
	GENERAL ALTERATION: recrystalized to quartz-muscovite, with patches of albitization, up to 10% by volume fine tourmaline needles
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: some weakly disseminated po and py
From To	**LITHOLOGY:** Altered graphitic pegmatite
134.0-140.0	**TEXTURE:** mainly coarsely crystalline feldspar, quartz, rare tourmaline, mainly finely crystalline muscovite
	COLOR: white, light green and gray mottling with some black spotting
	COMPOSITION: 50% white and greenish white albite and microcline, 30% clear whitish quartz, 18% fine muscovite and 2% tourmaline, widely scattered and rare tiny crystals of calcite
	TECTONIC STRUCTURE:
	GENERAL ALTERATION: feldspars in general has been altered to fine crystalline green and greenish muscovite
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: py is weakly disseminated throughout unit, py also occurs along hairline fractures. See attached sample sheet 8a.
From To	**LITHOLOGY:** Meta-sediments
140.0-144.0	**TEXTURE:** fine grained seds, medium bedded, some parallel lamination, bedding general flat-sharp
	COLOR: gray to dark gray
	COMPOSITION: mainly quartz and sericite and tiny tourmaline needles
	TECTONIC STRUCTURE: bedding to core generally 77°
	GENERAL ALTERATION: altered to quartz, sericite and tourmaline
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: some weakly disseminated po

From To	LITHOLOGY: Altered pegmatite, felsite and micaceous aplite
144.0-177.0	**TEXTURE:** schlieren, irregular interfingering of coarsely crystalline. Pegmatite, aphanitic felsite, finely crystalline aplite
	COLOR: generally light greenish white, white and gray with black speckling and black dots
	COMPOSITION: 40% altered green to white feldspar, 40% white trans quartz, 18% medium to fine muscovite, 2% tourmalinite, widely scattered large patches of deep red fluorescence, abundant pearly lead gray mica
	TECTONIC STRUCTURE: at 145.5m thin shear zone 1cm thick cuts core at 10°
	GENERAL ALTERATION: most of feldspar is altered by fine greenish muscovite, some scattered clots of chlorite
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: widely scattered py. See attached sample sheet 9a.
From To	**LITHOLOGY:** Muscovitic granite
177.0-182.0	**TEXTURE:** medium crystalline equicrystalline
	COLOR: mottled whitish green and gray with silvery speckling
	COMPOSITION: 60% microcline mainly greenish white, 35% smoky quartz, 5% silvery fine muscovite, weakly disseminated fine tourmaline
	GENERAL ALTERATION: feldspar appears to be altered by very fine greenish muscovite. Chlorite as small dark green specks is widely scattered throughout unit. Some large tourmaline crystals have been partly altered to completely altered to dark green chlorite
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: weakly disseminated py generally euhedral throughout unit. See attached sample sheet 15a.
From To	**LITHOLOGY:** Frequently banded granite, graphic granite, pegmatite and felsite
182.0-199.4	**TEXTURE:** Schlieren, medium crystalline granite, medium crystalline graphic granite, coarse pegmatite and massive white aphanitic feldspar
	COLOR: whitish green mottled white and gray with some yellowish patches
	COMPOSITION: 60% white to light greenish microcline and albite, 35% clear smoky quartz, 5% fine crystalline muscovite, widely scattered tourmalinic crystals, fine to coarsely crystalline 191.5-192.8m – medium sediments, no bedding
	GENERAL ALTERATION: yellowish green muscovitization of feldspar? Dark green chorite along some fractures, some disseminated chlorite
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: 190.0-195.0m – some weakly disseminated PbS, ZnS and py. Euhedral py weakly disseminated throughout, generally associated with a black mineral, pyrolusite? See attached sample sheet 15a.
199.4	**END OF HOLE**

METERS	% FELD.	% QTZ.	% TOUR.	% MUSC.	PAGE IN LOG	MINERALIZATION & ASSOC. ALTERATION, HOST STRUCTURE: MINERALIZATION & LESSOR MINERAL COMPONENTS	sample	length	Cs	Ga	Nb	Rb	Ta	Be
27.7-28.7	60	35	1	4	1	fine Sericitic Muscovite, Some scattered large Tour. xtls	9442							
28.7-29.7	60	35	1	4	1	" " " , rare Tour.	9443							
29.7-30.7	60	35	tr	5	1		9444							
30.7-31.7	60	35	Tr	5	1		9445							
31.7-32.7	60	35	Tr	5	1		9446							
32.7-33.7	60	35	tr	5	1		9447							
33.7-34.7	60	35	Tr	5	1	good graphic groundm, yellowish Feldspar	9448							
34.7-35.7	60	35	tr	5	1	" " " , " " , Some large Tour. xtls.	9449							
35.7-36.7	60	35	Tr	4	1	yellowish Feld. & yellowish musc., Some large Tour. xtls.	9450							
36.7-37.7	60	35	1	4	1	" " " " " " " "	9451							
37.7-38.7	60	35	1	4	1	" " " " " " " "	9452							
38.7-39.7	60	35	1	4	1	" " " " " " " "	9453							
39.7-40.7	65	30	1	4	1	" " " " " " " "	9454							
40.7-41.7	45	50	Tr	5	1	whitish quartz, yellowish Feld & musc.	9455							
41.7-42.7	60	35	Tr	5	1	mainly graphic groundm, yellowish Feld & musc. Patchy Rb Fluorescence throughout	9456							
42.7-43.7	60	35	tr	5	1	" " " " " " " "	9457							
43.7-44.7	60	35	Tr	5	1	" " " " " " " "	9458							
44.7-45.7	60	35	Tr	5	1	" " " " " " " "	9459							
45.7-46.7	60	35	Tr	5	1	" " " " " " " "	9460							
46.7-47.7	60	35	Tr	5	1	" " " " " " " "	9461							
47.7-48.7	60	35	Tr	5	1	" " " " " " " "	9462							

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E NO. H.L. 00-10

PAGE: 3A

METERS	% FELD.	% QTZ.	% TOUR.	% MUSC.	PROBE LOG	MINERALIZATION & ASSOC. ALTERATION, HOST STRUCTURE: MINERALIZATION & LESSOR MINERAL COMPONENTS	sample	length	Cs	Ga	Nb	Rb	Ta	Be
48.7 - 49.7	60	35	Tr	5	3	Patchy Red Fluor., greenish musc. + Feld. chloritic	9463							
49.7 - 50.7	60	35	Tr	5	3	Patchy Red Fluor., greenish musc & Feld. "	9464							
50.7 - 51.7	60	35	Tr	5	3	" " " " " " "	9465							
51.7 - 52.7	60	35	Tr	5	3	" " " " " " "	9466							
52.7 - 53.7	60	35	Tr	5	3	" " " " " " "	9467							
53.7 - 54.7	60	35	Tr	5	3	" " " " " " "	9468							
54.7 - 55.7	60	35	Tr	5	3	" " " " " " "	9469							
55.7 - 56.7	75	25	NL	5	3	abund. Red Fluor. 50 cm weakly massive Feld. Spar.	9470							
56.7 - 57.7	60	35	Tr	5	3	Greenish Feld, chloritized? some coarse greenish musc.	9471							
57.7 - 58.7	60	35	Tr	5	3	" " " " " " "	9472							
58.7 - 59.7	60	35	Tr	5	3	" " " " " " "	9473							
59.7 - 60.7	60	35	Tr	5	3	" " " " rare greenish musc., Patches & Red. Fluor.	9474							
60.7 - 61.7	60	35	Tr	5	3	" " " " " " "	9475							
61.7 - 62.7	40	60	Tr	Tr	4	abund. Lacy, linear, mainly white Qtz.	9476							
62.7 - 63.7	40	60	Tr	Tr	4	" " " " " "	9477							
63.7 - 64.7	60	35	NIL	5	4	" " " rare hair-like Fractures with Zn & Pb	9478							
64.7 - 65.7	60	35	NL	5	4	" " " " " "	9479							
65.7 - 66.7	60	35	NL	5	4	" " " " " "	9480							
66.7 - 67.7	60	35	NL	5	4	" " " " " "	9481							
67.7 - 69.0	60	35	NL	5	4	" " " " " "	9482	1.3						
69.0 - 72.7	Sheds.													
72.7 - 73.7	60	35	NIL	5	5	Patchy yellowish green fine muscovite, chlor., abund. Bleb & Smoky gray alteration	9483							
73.7 - 74.7	60	35	NL	5	5	" " " " " " " & " " "	9484							
74.7 - 75.7 75.7 - 76.7	60	35	NL	5	5	" " " " " " " " " "	~~9485~~ ~~9486~~							
76.7 - 77.4	60	35	NIL	5	5	" " " " " " " " " "	9487							

DRILL HOLE NO. H-L. 00-10

PAGE: 7A.

METERS	MINERALIZATION & ASSOC. ALTERATION, HOST STRUCTURE:													
	% FELD.	% QTZ.	% TOUR.	% MISC.	PROBE IN 100	MINERALIZATION & LESSOR MINERAL COMPONENTS	sample	length	Cs	Ga	Nb	Rb	Ta	Be
77.4 - 78.4	60	35	NIL	1	7	1% scattered small blebs & Peachy gray colourless Mica, Hblende,	9488							
78.4 - 79.4	60	"	"	"	7	" " " " " "	9489							
79.4 - 80.4	60	"	"	"	7	" " " " " "	9490							
80.4 - 81.4	60	"	"	"	7	" " " " " "	9491							
81.4 - 82.4	60	"	"	"	7	" " " " " "	9492							
82.4 - 83.4	60	"	"	"	7	" " " " " " 4cm Qtz, Py. vein.	9493							
83.4 - 84.4	60	"	"	"	7	" " " " " " 10cm Qtz - veinlet	9494							
84.4 - 85.4	60	"	"	"	7	" " " " " " 50cm Qtz. vein, sparse	9495							
85.4 - 86.4	60	"	"	"	7	" " " " " "	9496							
86.4 - 87.4	60	"	"	"	7	" " " " " "	9497							
87.4 - 88.4	60	"	"	"	7	" " " " " "	9498							
88.4 - 89.0	60	30	NIL	3	8	2% Rhomb. Peachy Lead gray Calc. Mica, weak Py	9499							
89.0 - 90.0	60	"	"	"	8	" " " " " "	9501							
90.0 - 91.0	60	"	"	"	8	" " " " " deep Red Fluor (UFL.) scattered Throughout & weak Py.	9502							
91.0 - 92.0	60	"	"	"	8	" " " " " " " " " "	9503							
92.0 - 93.0	60	"	"	"	8	" " " " " " " " " "	9504							
93.0 - 94.0	60	"	"	"	8	" " " " " " " " " "	9505							
94.0 - 95.0	60	"	"	"	8	" " " " " " " " " "	9506							
95.0 - 96.0		Seds	"	"	8	Seds " " " " " " " "	9507							
96.0 - 97.0	60	30	NIL	3	8	2% Rhomb, Peachy Lead gray Calc Mica " " " " " " "	9508							
97.0 - 98.0	60	30	"	"	8	" " " " " " " " " "	9509							
98.0 - 99.0	60	"	"	"	8	" " " " " " " " " "	9510							
99.0 - 100.0	60	"	"	"	8	" " " " " " " " " "	9511							
100.0 - 101.0	60	"	"	"	8	" " " " " " " " " "	9512							
101.0 - 102.0	60	"	"	"	8	" " " " " " " " " "	9513							
102.0 - 103.0	60	"	"	"	8	" " " " " " " " " "	9514							

HOLE NO. 4L 00-10 PAGE NO. 8A

METERS	% Feldspar	% Quartz	% Tourm.	% Muscovite	Pri. Dr. Log	Mineralization, Alteration, Lessor Mineral Components.	Sample No.	Width	Cs	Ga	Nb	Rb	Ta	Be
103-104.0	60	30	NL	3	8	Plus 2% Lead-Gray Pearly Ca. mica, No R Fluorescence.	9514							
104.0-105.0	"	"	"	"	8	" " " " " " " , " " "	9515							
105.0-106.0	"	"	"	"	8	" " " " " " " , " " "	9516							
106.0-107.0	20	20	NL	60	9	Totally to nearly Totally altered to very fine green + yellowish green Muscovite, Some Pearly gray Ca mica	9517							
107.0-108.0	"	"	"	"	9	" " " " " " " " " & " " " , " " " "	9518							
108.0-109.0	"	"	"	"	9	" " " " " " " " " & " " " , " " " "	9519							
109.0-110.0	"	"	"	"	9	" " " " " " " " " & " " " , " " " "	9520							
110.0-111.0	"	"	"	"	9	" " " " " " " " " & " " " , " " " "	9521							
111.0-112.0	30	20	"	50	9	mainly fine elbt. green & yellow green musc. with rare Coarse musc., Scattered patchy Feld, gray Ca mica	9522							
112.0-113.0	30	20	"	50	9		9523							
113.0-114.0	30	20	rare	50	9		9524							
114.0-115.0	30	20	rare	50	9		9525							
115.0-116.0		Seds			9	all meta-sediments	9526							
116.0-117.0	10	40	NL	50	9	mainly fine elbt. green & yellow green musc & Quartz, relatively abund. Pearly gray Ca mica, diss. Py	9527							
117.0-118.0	10	40	rare	50	9	" " " " & " " " & Quartz, " " " " " " , diss. Py	9528							
118.0-119.0	10	40	rare	50	9	" " " " & " " " & Qtz, " " " " " " , " "	9529							
119.0-120.0	10	40	NL	50	9	" " " " & " " " & " , " " " " " " , " "	9530							
120.0-121.0	10	40	NL	50	9	" " " " & " " " & " , " " " " " " , " "	9531							
121.0-122.0							9532							
122.0-123.0	10	40	NL	50	9	" " " " & " " " & " , " " " " " " , abund. diss. Py	9533							
123.0-124.0	10	40	NL	50	9	" " " " & " " " & " , Very abund " " " " , abund. diss. Py	9534							
124.0-125.0	10	40	NL	50	9	" " " " & " " " & " , " " " " " " , minor diss. Py.	9535							
125.0-126.0	90	2	NL		10	patchy yellow-green Musc, abund. Pearly gray Ca mica, relative diss. Pyrite + a Black mineral.	9536							
126.0-127.0	90	2	"	6	10	" " " " , " " " " " , " " " & " " " "	9537							
127.0-128.0	90	2	"	6	10	" " " " , " " " " " , " " " & " " " "	9538							
128.0-129.0	90	2	"	6	10	" " " " , " " " " " , " " " & " " " "	9539							
129.0-130.0	90	2	"	6	10	" " " " , " " " " " , " " " & " " " "	9540							
130.0-131.0	90	2	"	6	10	" " " " , " " " " " , " " " & " " " "	9541							
131 131.0-134.0	Seds				11	all Seds NO SAMPLING								
134.0-135.0	40	50	NL	10	12	abund. Qtz Veins, green musc. Alterations, diss. Pyrite & Black Mineral.	9542							
135.0-136.0	50	35	NL	15	12	——— , " " " , " " & " "	9543							
136.0-137.0	50	35	1	14	12	——— , " " " , " " & " "	9544							
137.0-138.0	50	35	2	13	12	——— , " " " , " " & " "	9545							
138.0-139.0	50	35	2	13?	12	——— , " " " , " " & " "	9546							
139.0-140							9547							
140-144	Seds.					No Sampling								

NOTE: all % is estimated

NOTE: all assays in P.P.M.

HOLE NO. H.L. 00-10

METERS	% Feldspar	% Quartz	% Tourm.	% Muscovite	Page D. Log	Mineralization, Alteration, Lessor Mineral Components.	Sample No.	Width	Cs	Ga	Nb	Rb	Ta	Be
144.0-145.0	15	80	Trace	5	14	mainly Qtz. Pyrite, Green Felds.	9548							
145.0-146.0	15	80	Tr	5	14	" " " " , dark green chlorite on fractures	9549							
146.0-147.0	—	—	—		14	mainly Seds	9550							
147.0-148.0	60	30	2	8	14	Green Felds., Diss. Pyrite, greenish Musc., some Large Tourmaline xtls.	9551							
148.0-149.0	60	30	2	8	14	" " " " " " " "	9552							
149.0-150.0	"	"	"	"	14	" " " " " " " "	9553							
150.0-151.0	"	"	"	"	14	" " " " " " " "	9554							
151.0-152.0	"	"	"	"	14	" " " " " " " "	9555							
152.0-153.0	"	"	"	"	14	" " " " " " " "	9556							
153.0-154.0	"	"	"	"	14	" " " " " " " "	9557							
154.0-155.0	"	"	"	"	14	Finely Muscovitic Aplite, weak diss. Euhedral Pyrite, rare tiny Black Mineral, Red Fluorescence	9558							
155.0-156.0	40	40	Tr	20	14	Finely muscovitic Aplite, Weak diss Pyrite, rare Black Mineral, " "	9559							
156.0-157.0	"	"	"	"	14	" " " " " " " "	9560							
157.0-158.0	"	"	"	"	14	" " " " " " " "	9561							
158.0-159.0	60	25	2	23	14	Pegmatite, green felds, Banded by white Felsite, Scattered Large Tourm. xtls. 5cm Vein Py + Cp Cmns.	9562							
159.0-160.0	"	"	"	"	14	" " " " " " " "	9563							
160.0-161.0	"	"	"	"	14	" " " " " " " "	9564							
161.0-162.0	"	"	"	"	14	" " " " " " " "	9565							
162.0-163.0	"	"	"	"	14	" " " " " " " "	9566							
163.0-164.0	"	"	"	"	14	" " " " " " " "	9567							
164.0-165.0	"	"	"	"	14	" " " " " " " "	9568							
165.0-166.0	"	"	"	"	14	" " " " " " " "	9569							
166.0-167.0	"	"	"	"	14	" " " " " " " "	9570							
167.0-168.0	60	20	1	30	14	Muscovitic Aplite, diss Pyrite, Diss. Black Mineral,	9571							
168.0-169.0	"	"	"	"	14	" " " " " "	9572							
169.0-170.0	"	"	"	"	14	" " " " " "	9573							
170.0-171.0	60	20	1	30	14	Minor Peg, Graphic, & Aplite, relatively absent. Diss. Pyrite, rare diss Black mins., Patches of Dusty Red Flour.	9574							
171.0-172.0	"	"	"	"	14	" " " " " " " "	9575							
172.0-173.0	"	"	"	"	14	" " " " " " " "	9576							
173.0-174.0	"	"	"	"	14	" " " " " " " "	9577							
174.0-175.0	"	"	"	"	14	" " " " " " " "	9578							
175.0-176.0	"	"	"	"	14	" " " " " " " "	9579							
176.0-177.0	"	"	"	"	14	" " " " " " " "	9580							

NOTE: all % is estimated

NOTE: all assays in P.P.M.

HOLE NO. W.L. 00-10

1984

PAGE NO. 15A

METERS	% Feldspar	% Quartz	% Tourm.	% Muscovite	Approx. Log	Mineralization, Alteration, Lessor Mineral Components.	Sample No.	Width	Cs	Ga	Nb	Rb	Ta	Be
177.0-178.0	60	35	Tr	5	15	med x+Ln., Muscovite, altered Granite Diss. pyrite	9581							
178.0-179.0	"	"	"	"	15	" " " " " " "	9582							
179.0-180.0	"	"	"	"	15	" " " " " " "	9583							
180.0-181.0	"	"	"	"	15	" " " " " " "	9584							
181.0-182.0	"	"	"	"	15	" " " " " " "	9585							
182.0-183.0	60	35	Tr	5	16	chloritic Frac. weak Diss. Pyrite, greenish Feld. Pyrite	9586							
183.0-184.0	"	"	Tr	"	16	" " " " " " " " "	9587							
184.0-185.0	"	"	Tr	"	16	Aplitic very Fine grained "	9588							
185.0-186.0	"	"	"	"	16	Greenish Feld., chloritic diss + in fractures, Diss. Pyrite "	9589							
186.0-187.0	"	"	"	"	16	altered granite, " " " " " " rare Tourm. "	9590							
187.0-188.0	"	"	"	"	16	" " " " " " " rare Tourm. "	9591							
188.0-189.0	65	30	Nil	5	16	Graphic granite, some yellowish musc. alteration. "	9592							
189.0-190.0	60	35	Nil	5	16	GARNETS with Patches of felsite "	9593							
190.0-191.0	60	35	Tr	5	16	Pegmatitic - large Tourm x+ls from alt. "	9594							
191.0-192.0	60	35	Nil	5	16	50 cm of Mela-Sads "	9595							
192.0-193.0	60	35	Nil	5	16	" " " " " " " "	9596							
193.0-194.0	80	15	Nil	5	16	felsite; with abund chlorite fractures, "	9597							
194.0-195.0	70	20	Nil	5	16	Graphic granite, altered by chlorite & yellowish Musc. Py. Pb, Zn weak diss.	9598							
195.0-196.0	70	20	Nil	5	16	" " " " " " & " " " abund. Diss Pyrite	9599							
196.0-197.0	65	25	Nil	5	16	Pegmatite. greenish Muscovite. diss. pyrite.	9600							
197.0-198.0	65	25	Nil	5	16	" " " " " "								
198.0-199.1					16	Altered Graphic granite, some chloritized Tourm., relatively abund Pyrite + Black Mineral.		1.1						
END OF HOLE														

NOTE: all % is Estimated

NOTE: all assays in P.P.M.

PROPERTY: PAKK			**HORI COMP:**	**HOLE #: PAKK00-15**
LOCATION: Upper Sinclair Creek			**VERT. COMP:**	**LENGTH: 820.4 m**
COMMENCED: August 2000	**COMPLETED:** September 24, 2000		**CORR. DIP:**	
COORDS: (long)	**(lat)**		**TRUE BEARING:** N90°E	**DRILL CONTRACTOR:** Leclerc Drilling
COORDS: (UTM) (E) 552454	**(N)** 5491110	**(EL)**	**% RECOVERY:** Excellent	**CORE SIZE:** NQ
COORDS: (grid) (E)	**(N)**	**(EL)**	**LOGGED DATE:** September 2000	**CASING:** 58'
ELEVATION: 1960m	**COLLAR: (dip)** -45°	**(Azi)**	**LOGGED BY:** Doug Anderson	**CORE STORAGE:** Vine Property
OBJECTIVE: To deepen a Cominco hole to test Sullivan Time				
SURVEYS: (depth)	**Dip:**	**Azi:**	**Type:**	**Additional Surveys:** Depth Dip Azi

From To	
	LITHOLOGY: Dominated by thick-bedded quartz wackes, fine-grained to medium alternating between beds.
528.66-539.7	**COLOR:** grey
	PRIMARY STRUCTURE: bedding not common @ 70° to c/a. Mostly planar but there are some erratic, wavy contacts Q to A
	TECTONIC STRUCTURE: none
	GENERAL ALTERATION: limited to concretions – silica, albite, garnet, biotite, +/- po
	MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: po with the concretions
	ADDITIONAL OBSERVATIONS:

From To	
	LITHOLOGY: mixed interval of medium bedded quartzitic wacke to argillaceous t.b. to laminated subwackes with some lenticular bedding within, overall regular. Variation of fine to medium grained quartzitic beds continues – the darker, finer grained quartzitic rocks may be an alteration.
539.7-559.2	**COLOR:** grey alternating with grey-brown
	PRIMARY STRUCTURE: bedding well represented at 65-70° to c/a.
	TECTONIC STRUCTURE: none
	GENERAL ALTERATION: biotitic argillaceous units. A few concretions in the quartzites. Lighter coloured, quartz-feldspar quartzites to darker units which are finer grained (some alteration with the bedding).
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: po within concretions
	ADDITIONAL OBSERVATIONS:
From To	**LITHOLOGY:** dominated by the darker, finer-grained quartzites with some lesser argillaceous intervals containing disrupted sedimentation. Gradational to below where less quartzites, less bedding and more disrupted argillaceous units. Argillites are wispy, shredded with compression (?) squeezed sands.
559.2-568.25	**COLOR:** dark grey
	PRIMARY STRUCTURE: bedding far less recognizable than above – at 60° to c/a. Dewatering structures – irregular sands in an argillaceous matrix in deformed beds
	TECTONIC STRUCTURE: more fractured core – harder, finer-grained.
	GENERAL ALTERATION: dark grey quartzite – biotite, finer quartz, more sulphide
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: QV at 563.3m at 20° to c/a. Minor po, trace cpy
From To	**LITHOLOGY:** mixed zone of quartzites (QW) and wackes to argillites which are largely disrupted units but still within bedding(?) overall. Overall 60% Q : 40% A
568.25-598.34	**COLOR:** grey and pale brown
	PRIMARY STRUCTURE: bedding not readily observed – but shredded beds still indicate 60-70° to c/a. Disturbed sediments within argillites – shredded, lenticular, patchy to minor fragments (beds have been shaken, perhaps compressed initiating fluid flow/sand injections/stretching – pull aparts – all without tectonically shifting the package(?) Small feature SSD.
	TECTONIC STRUCTURE: none
	GENERAL ALTERATION: fine sericite (biotite)
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE:

From To	
	LITHOLOGY: dominated by quartz wacke – rare argillites are contorted units. <10% argillite. Deeper in section – the argillites (pale tan colour) are "blended" with the quartzites
598.34-621.25	**COLOR:** grey to dark grey
	PRIMARY STRUCTURE: vague bedding at 40° to c/a. Occasional floating clast. Bedding is not obvious – dominantly QW blended/mixed insitu? Abundant water escape structures; some minor fragmentation in-place;
	TECTONIC STRUCTURE: none except hairline fractures (chloritic) at 20° to c/a.
	GENERAL ALTERATION: sericite within the argillites. A few patches of coarse biotite/po in dark concretionary(?) bodies around 617.5m. The dark irregular, patchy alteration continuous from above – dark gray, finer grained than remaining quartzites with fine biotite + ? (feldspar gone?)
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: not notable – fine po in some of the dark grey altered zones.
	ADDITIONAL OBSERVATIONS:
From To	**LITHOLOGY:** Sullivan Time – sharp upper contact, quartzites to dark grey argillites, at 65° to c/a. Darker sheared argillites to 622.75m; 622.75-624.0m t.b. to laminated to massive wackes – SSD folds with B re-oriented with po along some bedding/lams; 624.0-628.11 – dominated by finely laminated wackes, some folding over 15cm only; po patches around 627.8m (see below)
621.25-636.04	**COLOR:** darker grey
	PRIMARY STRUCTURE: bedding plane fault 621.25-622.25m sheared, siliceous in part/carbonaceous for 10cm. B mostly at 80° to c/a.
	TECTONIC STRUCTURE: bedding plane fault 621.25-622.25m sheared dark argillite – siliceous in part/carbonaceous over 10cm (weakly conductive)
	GENERAL ALTERATION: some fine biotite and sericite but not intense.
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: continued from lithology: 628.11-631.95m t.b. to laminated, bedding at 70° to c/a. 631.6m – folded over 20cm (SSD?). Po along some lams but not continuous across core. 631.95-633.05m – massive, disrupted sedimentation of a quartzitic wacke interval, some patchy po; 633.05-636.04m – dominantly t.b. (some laminations), bedding 65-70° to c/a, po content low/within some lams (conductive across the core but very few). L. contact with fragmental is conformable at 60° to c/a.
	ADDITIONAL OBSERVATIONS:

From To	LITHOLOGY: Sedimentary pebble fragmental (stratabound) – several varieties of clast types (at least 4 or 5 with no exotics). Clast types: darker brown-grey wacke with po; laminated brownish-grey wacke; pale grey, softer argillite; quartzitic clasts. The fragmental is almost intact with a preferred clast orientation approximately (below)
636.04-639.64	**COLOR:** light grey spotted
	PRIMARY STRUCTURE: preferred clast orientation
	TECTONIC STRUCTURE: none
	GENERAL ALTERATION: biotite overall – especially in some clasts
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: from above: parallel with the bedding at 60-80° to c/a. Maximum clast size to 5-6cm. Clasts are subrounded to rounded. A few clasts have po enrichment but not intense. Aspy crystals in one clast @ 637.3m.
	ADDITIONAL OBSERVATIONS:
From To	**LITHOLOGY:** thin bedded zone of subwacke to disrupted base about 30cm thick
639.64-640.25	**COLOR:** grey
	PRIMARY STRUCTURE: bedding at 65° to c/a.
	TECTONIC STRUCTURE: none
	GENERAL ALTERATION: biotite/sericite not intense
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: po along some laminations and in patches of the disturbed zone
	ADDITIONAL OBSERVATIONS:
From To	**LITHOLOGY:** Fragmental – intact pebble fragmental (same as unit above)
640.25-642.70	**COLOR:** light grey
	PRIMARY STRUCTURE: fabric – clast orientation of 60-80° to c/a.
	TECTONIC STRUCTURE: none
	GENERAL ALTERATION: biotite/sericite not intense
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: po framing of clasts and within a small percentage of clasts (5-8%)

From To	
	LITHOLOGY: bedded zone with short intervals becoming massive to fragmental – thin bedded to weakly laminated subwacke to wacke with incipient fragmentation locally
642.70-655.85	**COLOR:** grey
	PRIMARY STRUCTURE: bedding at 65° to c/a – a few lams with po are conductive but there are only a few. Lower contact is sharp.
	TECTONIC STRUCTURE: none
	GENERAL ALTERATION: biotite generally. Patches of brown starting – fine biotite with po. Fine sericite within the subwackes.
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: po quite widespread along lams; as patches/clasts in vague fragmental; and in a few x-c deformed veins or fractures with quartz (5%). Also po in dewatering structures.
	ADDITIONAL OBSERVATIONS:
From To	**LITHOLOGY:** fragmental – similar to above fragmental but with: somewhat more disrupted fabric but still long axes of clasts showing a preferred orientation; more po in the clasts (with the wacke, coarser clasts); matrix to 30%(?) Looks like single stage fragmentation. Still overall a wacke.
655.85-~720.0	**COLOR:** grey
	PRIMARY STRUCTURE: bedding occasionally observable at 65-75° to c/a. Within frg. B at 60° to c/a at 684.8m; lamination (bedding) from 688.6-692.65m – disrupted bedded seds with B 60° down to 20° to c/a (not a mega-block?). Contacts are not sharp (not a block). At 697.1m 20cm massive (tiny clasts).
	TECTONIC STRUCTURE: none – some grey, finely laminated clasts look like folded then shredded quartzitic clasts (i.e. a tectonic folding event ~ LMC time) or is it SSD? At 709.3m – black (clast) with 1-3cm offsets interval to clast (not transported great distance?). 712.8m – small bedded clast (?) B at 20° to c/a.
	GENERAL ALTERATION: biotite + sericite – irregular patches of darker, brownish biotite + po alters the fragmental (diffuse contacts).
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: Po enrichment of the clasts (15%). Very erratic and low overall % of po around the clasts locally to 30% po in the clasts. % of po in clasts/+ in numbers of clasts declining below ~700m.
	ADDITIONAL OBSERVATIONS:

From To	
	LITHOLOGY: fragmental description continued; still abundant clasts types; subrounded to rounded pebbles except for scattered bedded large blocks or incursions of bedded material from edges of fragmental (?)
~720.0-747.9	**COLOR:** light grey
	PRIMARY STRUCTURE: massive zone 726.55-727.4m then fragmental then massive to bedded block B at 10-15° to c/a (wispy, break apart) Fabric (long axis of clasts) still @ 60-70° to c/a. 742.7-743.2m – clast-rich block within more common fragmental (multiple – stage fragmentation). (Upper contact at 90°).
	TECTONIC STRUCTURE: none
	GENERAL ALTERATION: fine biotite + sericite (not anywhere intense)
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: 1-2cm q.v. at 15° to c/a with po + minor ZnS/PbS. Some po in fractures but not widespread. Po enrichment in 10-15% of clasts.
	ADDITIONAL OBSERVATIONS:
From To	**LITHOLOGY:** Basal onset zone – mixed bedded and fragmental intervals. Rocks are dominantly wacke with short, brownish quartzitic intervals (<10%). Fine wacke laminates similar to S.T. above the fragmental.
747.9-761.9	**COLOR:** grey
	PRIMARY STRUCTURE: 747.9-748.7m – wispy bedding at 35° to c/a; fragmental; 750.8-751.7m – bedding at 50° to c/a; fragmental; 752.85-753.35m – B at 50° to c/a; fragmental; 753.90-757.1m – mixed zone of laminated wacke, altered quartzitic units, and concretionary bodies. Lams at 55° to c/a; last good frag 757.1-758.5m clast at 45° to c/a; 758.5-761.9m – mixed zone of incipient fragmentation, disrupted seds, bedding and lamination (at 50° to c/a).
	TECTONIC STRUCTURE: none
	GENERAL ALTERATION: fine sericite, course biotite locally
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: po within some fractures and in 10% of clasts in the fragmental
	ADDITIONAL OBSERVATIONS:

From To	
	LITHOLOGY: Top of L.A. sediments – thin bedded (with lams locally). Alternating t.b. pale wacke/subwacke with hard (siliceous) quartzitic wackes (darker, finer) which are medium bedded to 20%. Occasional break up of beds but not common. 807.0-812.7m – brown, fine grained quartzitic with chloritization along fractures
761.9-820.4	**COLOR:** brownish grey
	PRIMARY STRUCTURE: t.b. to laminated at 50° to c/a. Bedding at 50° at 777.0m. By 782.0m at 40° to c/a. At 25°-30° by 784.5m. 787.5m at 25° to c/a. By 792.6m at 50° to c/a. By 803.0m at 30° to c/a.
	TECTONIC STRUCTURE: Bedding plane fault at ~50° to c/a from 762.6-762.9m. Package is cut by numerous small offset faults. Folding is present.
	GENERAL ALTERATION: Concretions – quartzites seem silicified. Fine biotite in quartzitic beds. Fine sericite locally. Below ~790m more biotite/chlorite (moderate alteration). Silicified with depth.
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: Concretionary zones in quartzitic intervals – biotite, albite, garnet, chlorite. Occasional patches of po (not frequent) – at 793.7m po + aspy
	ADDITIONAL OBSERVATIONS: more lithology: 812.7-815.1m – t.b. sequence as a fold – through the axis? 815.1-820.4m – brown, f.g. quartzite (sillceous) however B at low angle to core 10°-15° - alteration spotting garnet in some short brecciated sections. All silicified.
820.4	**End of Hole**

APPENDIX "B"

ASSAY RECORDS
Holes HL00-3 to 10

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Chapleau Resources Ltd. File # A004802 Page 1 (a)

104 - 135 - 10th Ave S., Cranbrook BC V1C 2N1 Submitted by: D.L. Pighin

HL 60-3.

SAMPLE#	Ba ppm	Be ppm	Co ppm	Cs ppm	Ga ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	Th ppm	Tl ppm	U ppm	V ppm	W ppm	Zr ppm	Y ppm	La ppm	Ce ppm	Pr ppm	Nd ppm	Sm ppm	Eu ppm	Gd ppm	Tb ppm	Dy ppm	Ho ppm	Er ppm	Tm ppm	Yb ppm	Lu ppm
9730	23	11	.7	15.6	16.1	2.6	6.3	303.5	18	20.4	1.9	1.6	1.3	5.4	<5	7	40.3	4.1	2.2	5.1	.63	2.2	1.1	<.05	.75	.14	.81	.12	.39	.08	.84	.13
9731	33	6	.5	27.0	12.7	<.5	6.8	584.5	21	25.4	2.5	.4	2.3	2.2	<5	7	4.8	2.2	2.9	6.5	.75	2.8	1.3	<.05	1.02	.18	.61	.06	.12	<.05	.15	.02
9732	54	3	.6	37.7	10.7	.8	1.5	714.5	13	23.2	1.1	.3	2.7	4.0	<5	5	11.9	1.1	.5	1.1	.17	.6	.3	<.05	.20	.04	.19	<.05	.11	<.05	.21	.02
9733	18	11	.6	15.0	15.1	2.8	5.2	347.9	14	13.4	2.3	2.9	1.9	60.8	5	7	44.4	3.9	3.5	8.2	.93	3.0	1.3	<.05	.88	.14	.79	.13	.41	.09	.92	.15
9734	73	3	.5	25.7	12.3	<.5	5.4	708.3	17	35.3	1.9	.3	2.6	2.3	<5	5	3.1	.9	.8	1.4	.16	.9	.3	<.05	.23	.03	.21	<.05	.06	<.05	.10	<.01
9735	56	4	.6	21.3	10.9	<.5	3.9	546.2	13	30.9	2.0	.1	1.9	6.2	<5	7	6.7	.6	<.5	.5	.07	<.4	.1	<.05	.10	.02	.14	<.05	.05	<.05	.10	.01
9736	18	11	.6	13.6	13.0	.6	4.6	288.6	13	18.9	1.3	.5	1.4	5.0	11	6	11.0	1.8	1.1	2.0	.23	.8	.4	<.05	.31	.08	.36	.06	.14	<.05	.23	.05
9737	7	11	.7	9.0	17.3	2.2	10.8	197.4	19	10.9	3.2	.8	.8	11.1	7	8	36.5	6.3	1.6	3.8	.47	1.8	.8	<.05	.73	.20	1.25	.18	.54	.11	1.09	.16
9738	3	14	.7	3.0	15.4	2.5	6.4	63.4	12	7.0	2.1	1.8	.9	24.5	<5	6	39.0	5.5	2.4	5.8	.72	2.6	1.2	<.05	.85	.18	1.07	.17	.47	.10	.83	.13
9739	11	17	.5	10.0	19.9	1.0	16.7	177.0	29	12.0	4.8	.4	.8	4.8	<5	9	13.0	1.2	.9	2.3	.25	.8	.5	<.05	.31	.07	.26	<.05	.09	<.05	.16	.02
9740	22	7	.6	18.6	14.9	<.5	7.0	402.2	16	22.3	2.3	1.2	1.3	4.0	<5	7	4.4	.6	2.1	5.1	.15	.6	.3	<.05	.19	.03	.18	<.05	.05	<.05	.08	<.01
RE 9740	20	6	.6	18.4	13.8	<.5	7.4	385.0	16	20.6	2.5	.2	1.5	3.7	<5	6	4.6	.6	.6	1.2	.14	.5	.2	<.05	.16	.03	.16	<.05	<.05	<.05	.08	<.01
RRE 9740	23	8	.5	18.5	14.0	<.5	8.2	387.5	14	22.3	2.5	.2	1.3	3.8	<5	6	4.6	.6	.6	1.2	.15	.5	.3	<.05	.20	.03	.17	<.05	<.05	<.05	.07	<.01
9741	33	101	.5	21.6	13.9	<.5	9.3	453.5	16	25.9	2.4	.1	1.4	3.3	<5	6	3.3	.5	<.5	.8	.08	<.4	.2	<.05	.14	.02	.13	<.05	<.05	<.05	.05	<.01
9742	19	56	.6	17.2	18.2	.6	17.5	388.1	25	19.6	2.9	.6	1.3	3.1	<5	7	5.9	.4	1.1	2.8	.32	1.1	.6	<.05	.32	.04	.16	<.05	<.05	<.05	<.05	<.01
9743	13	15	.5	13.1	18.6	<.5	19.3	276.9	28	16.5	4.2	<.1	.9	1.4	<5	8	1.5	.3	<.5	.8	.09	<.4	.2	<.05	.14	.03	.12	<.05	<.05	<.05	<.05	<.01
9744	28	24	.5	35.3	10.9	<.5	4.7	565.9	16	21.6	1.9	<.1	1.9	1.4	<5	7	2.3	.2	<.5	<.5	.04	<.4	.1	<.05	.07	.01	.05	<.05	<.05	<.05	<.05	<.01
9745	12	9	.5	12.4	23.9	<.5	29.6	318.9	34	11.9	3.5	.2	.9	.6	<5	9	1.8	.2	<.5	.9	.09	<.4	.1	<.05	.13	.02	.07	<.05	<.05	<.05	<.05	<.01
9746	6	28	<.5	2.5	15.1	2.6	7.4	65.9	15	13.4	2.9	1.9	.2	33.8	<5	6	42.5	2.2	3.1	7.1	.84	2.6	1.1	<.05	.67	.11	.52	.06	.18	<.05	.46	.07
9747	9	10	.6	26.6	15.6	2.3	16.4	387.1	37	8.2	8.3	1.5	1.3	19.9	<5	7	36.4	2.1	1.6	3.8	.49	1.5	.8	<.05	.53	.10	.49	.06	.19	<.05	.52	.08
9748	8	10	.5	14.3	13.4	3.5	4.4	291.9	10	9.1	2.5	2.0	1.0	42.3	<5	6	56.5	5.9	2.5	6.4	.82	2.8	1.5	<.05	.99	.22	1.32	.20	.57	.12	1.42	.24
9749	26	5	<.5	35.7	12.5	2.1	2.5	704.8	26	22.2	1.5	1.2	1.9	16.8	<5	4	40.8	2.6	1.3	3.1	.36	1.3	.7	<.05	.33	.07	.41	.09	.26	.06	.67	.12
9750	12	52	.6	8.3	14.8	4.2	4.7	151.4	14	15.6	2.3	3.0	.4	64.7	<5	7	71.4	6.7	3.5	8.7	1.03	3.3	1.6	<.05	1.18	.23	1.28	.21	.71	.15	1.61	.25
9751	19	169	.5	11.8	15.6	3.2	13.5	199.2	24	13.5	4.2	2.6	.6	51.2	<5	8	49.0	3.1	2.7	6.6	.78	2.7	1.2	<.05	.76	.15	.67	.10	.29	.06	.73	.12
9752	30	6	.5	26.4	11.6	1.6	2.4	490.8	13	18.9	1.1	1.4	1.3	31.0	<5	6	24.4	1.7	1.6	3.7	.42	1.5	.8	<.05	.46	.09	.37	.05	.14	<.05	.31	.05
RE 9752	32	7	.5	27.3	11.8	1.7	2.1	492.8	14	19.8	.9	1.3	1.4	30.7	<5	6	31.8	1.7	1.4	3.7	.44	1.5	.9	<.05	.45	.08	.38	.05	.14	<.05	.34	.05
RRE 9752	30	7	.5	26.4	11.7	1.8	2.0	486.9	15	19.0	.9	1.5	1.2	25.0	<5	6	33.7	1.5	1.8	4.4	.56	1.8	.9	<.05	.53	.08	.36	<.05	.11	<.05	.29	.04
9753	13	10	.5	18.5	13.0	.6	5.7	361.8	14	12.3	4.2	.6	.8	9.8	<5	5	9.7	.8	.8	2.0	.24	.9	.4	<.05	.30	.05	.22	<.05	<.05	<.05	.08	<.01
9754	11	28	.9	10.3	15.1	2.1	8.8	201.4	19	8.0	1.6	1.5	.6	32.8	<5	12	28.4	3.0	2.0	4.7	.53	1.8	.9	<.05	.51	.11	.58	.08	.26	.06	.53	.08
9755	7	8	.5	8.2	12.5	1.1	8.9	156.1	21	7.1	2.9	1.2	.4	23.2	<5	5	15.7	1.1	1.6	4.0	.48	1.9	.9	<.05	.63	.10	.36	<.05	.07	<.05	.10	<.01
9756	21	59	.5	18.6	10.1	1.6	3.1	377.0	11	17.4	1.1	1.4	1.0	25.7	<5	5	25.4	2.5	1.4	3.7	.47	1.4	.7	<.05	.43	.10	.48	.07	.24	<.05	.55	.11
9757	19	135	<.5	25.0	28.0	1.9	105.9	382.0	59	19.7	64.6	.6	.8	10.9	<5	6	14.9	1.3	.8	1.9	.25	.9	.5	<.05	.43	.09	.28	<.05	.08	<.05	.14	.01
STANDARD SO-15	2016	<1	22.0	2.8	16.3	27.4	33.2	64.0	18	408.4	1.8	25.0	1.4	20.0	149	20	1090.7	22.1	28.8	60.1	6.28	24.4	4.5	1.02	3.88	.58	3.83	.80	2.61	.36	2.55	.41

GROUP 4B - REE - LiBO2 FUSION, ICP/MS FINISHED.
- SAMPLE TYPE: CORE R150 60C
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 30 2000 **DATE REPORT MAILED:** Dec 12/00 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data ✓ FA ___

SAMPLE#	Ba ppm	Be ppm	Co ppm	Cs ppm	Ga ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	Th ppm	Tl ppm	U ppm	V ppm	W ppm	Zr ppm	Y ppm	La ppm	Ce ppm	Pr ppm	Nd ppm	Sm ppm	Eu ppm	Gd ppm	Tb ppm	Dy ppm	Ho ppm	Er ppm	Tm ppm	Yb ppm	Lu ppm
9758	20	7	.6	22.1	11.1	.6	2.8	444.3	15	12.5	1.1	.5	2.0	8.3	<5	4	10.3	.8	.8	1.8	.21	.6	.3	<.05	.24	.04	.21	<.05	.07	<.05	.18	.03
9759	19	14	.6	16.8	16.4	<.5	7.5	323.0	17	12.7	2.3	.3	1.2	3.5	<5	4	2.3	.3	.6	1.4	.17	.5	.2	<.05	.20	.03	.08	<.05	<.05	<.05	<.05	<.01
9760	20	9	.6	30.2	22.5	<.5	27.8	566.5	45	13.2	5.1	.2	1.9	5.8	<5	7	6.7	.4	<.5	.9	.10	.5	.1	<.05	.13	.02	.07	<.05	<.05	<.05	.06	<.01
9761	26	482	.7	50.0	18.8	<.5	20.1	761.6	36	17.7	3.8	.3	2.7	6.4	<5	5	3.5	.6	.7	1.6	.18	.6	.3	<.05	.25	.04	.15	<.05	<.05	<.05	<.05	<.01
9762	2	21	.5	4.1	11.5	.6	4.0	38.4	11	6.4	2.7	.6	.2	10.6	<5	6	8.4	.3	.9	2.1	.24	.9	.3	<.05	.23	.04	.10	<.05	<.05	<.05	<.05	<.01
9763	10	179	.7	34.2	6.5	<.5	1.1	270.2	9	9.6	.8	.8	1.3	4.6	<5	9	2.4	.2	.9	2.1	.28	1.0	.4	<.05	.27	.03	.12	<.05	<.05	<.05	<.05	<.01
9764	3	10	.7	1.7	13.4	.7	1.5	33.3	6	9.4	.7	1.1	.2	5.1	<5	6	8.5	.8	1.8	3.6	.43	1.5	.6	<.05	.54	.09	.22	<.05	<.05	<.05	.07	.02
9765	4	10	.6	2.8	13.8	3.4	34.5	46.5	7	8.8	34.3	3.2	.4	49.5	<5	7	54.3	7.8	4.4	10.9	1.30	4.9	1.9	<.05	1.38	.28	1.46	.23	.75	.18	1.84	.30
9766	9	10	<.5	16.2	14.3	.8	7.8	275.3	28	10.6	1.7	.7	1.5	15.0	<5	6	11.2	.7	1.1	2.5	.31	1.1	.5	<.05	.27	.05	.16	<.05	.05	<.05	.11	.02
9767	8	19	.6	11.7	12.2	<.5	5.2	78.1	17	10.7	4.7	1.1	.3	2.8	<5	6	4.9	.4	1.2	2.7	.33	1.1	.5	<.05	.37	.05	.15	<.05	<.05	<.05	.05	<.01
9768	22	2	.5	20.5	6.3	<.5	.9	395.3	7	10.3	.5	.1	1.3	1.1	<5	8	.6	.1	<.5	<.5	.02	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01
RE 9768	19	2	.6	20.6	6.7	<.5	.8	395.4	7	10.0	.5	<.1	1.2	1.2	<5	8	1.3	.1	<.5	<.5	.02	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01
RRE 9768	15	2	.6	24.7	8.2	<.5	1.1	401.5	9	9.0	1.5	<.1	1.3	1.2	<5	8	1.6	.1	<.5	<.5	<.02	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01
9769	60	8	<.5	33.8	12.3	<.5	2.3	672.7	13	27.3	1.3	<.1	1.9	1.1	<5	5	.8	.5	<.5	.7	.07	<.4	.1	<.05	.14	.02	.09	<.05	<.05	<.05	.06	<.01
9770	44	2	.6	25.6	13.3	<.5	3.6	566.3	12	27.1	1.8	.2	1.7	4.3	<5	4	5.3	.4	.6	1.5	.14	.5	.2	.06	.12	<.01	.07	<.05	<.05	<.05	.06	<.01
9771	34	6	.5	21.5	11.9	2.6	1.6	402.0	9	19.9	.7	1.9	1.2	34.5	<5	4	47.7	4.2	2.5	6.1	.72	2.5	1.1	<.05	.72	.14	.71	.12	.46	.10	1.17	.18
9772	30	3	<.5	18.8	15.1	3.2	6.9	335.8	15	22.2	3.4	2.6	1.2	51.0	<5	5	55.7	5.2	3.0	7.1	.81	2.7	1.0	<.05	.78	.15	.88	.13	.54	.12	1.34	.23
9773	37	3	.6	17.0	12.9	1.5	2.8	356.7	9	26.3	2.0	1.0	1.4	13.7	<5	5	24.5	1.4	1.7	3.8	.45	1.6	.5	<.05	.41	.05	.25	<.05	.12	<.05	.26	.04
9774	35	10	.6	25.6	12.3	.5	4.2	519.6	14	24.2	2.2	.3	1.9	24.9	<5	5	7.2	.8	.6	1.1	.14	.6	.2	<.05	.17	.02	.17	<.05	.06	<.05	.13	.01
9775	28	8	.6	24.6	10.9	1.1	1.3	490.6	9	19.9	1.4	.4	1.7	9.5	<5	4	19.0	1.3	.9	2.1	.25	1.0	.4	<.05	.26	.04	.24	<.05	.11	<.05	.30	.03
9776	21	45	.7	23.7	16.4	.8	9.0	400.7	28	16.1	4.3	.9	1.3	8.3	<5	6	12.3	.8	1.4	3.4	.39	1.2	.6	<.05	.33	.05	.19	<.05	.07	<.05	.15	.02
9777	15	15	.6	19.4	12.8	3.3	3.9	349.6	14	16.1	2.5	1.9	1.3	57.1	<5	6	54.2	3.7	2.1	5.4	.69	2.4	.9	<.05	.67	.14	.73	.10	.33	.07	.88	.12
9778	23	3	.5	26.9	12.7	<.5	11.7	556.0	19	23.2	4.6	<.1	1.7	5.0	<5	4	4.8	.7	.6	1.4	.14	.6	.2	<.05	.19	.04	.18	<.05	<.05	<.05	.10	<.01
9779	34	11	<.5	26.5	12.2	1.8	7.0	587.5	13	26.9	7.2	1.4	1.6	29.1	<5	5	21.7	1.7	1.4	3.6	.39	1.4	.5	<.05	.41	.08	.36	<.05	.15	<.05	.34	.05
9780	23	179	<.5	26.2	12.8	1.0	3.5	545.1	17	20.7	2.9	.6	1.6	14.1	<5	5	15.1	1.1	.8	2.0	.22	1.0	.3	<.05	.27	.03	.24	<.05	.09	<.05	.23	.03
RE 9780	24	152	.5	25.2	12.3	.8	2.6	536.1	14	20.0	1.7	.6	1.6	14.6	<5	4	13.9	1.0	.8	1.9	.22	.8	.3	<.05	.24	.04	.22	<.05	.08	<.05	.21	.03
RRE 9780	21	117	.6	26.7	12.3	.8	3.1	548.8	19	19.5	2.2	.6	1.6	14.8	<5	5	13.7	1.0	.8	1.9	.23	.7	.3	<.05	.25	.04	.21	<.05	.09	<.05	.22	.03
9781	6	6	.5	20.5	18.2	2.6	12.7	182.1	41	9.7	10.9	1.4	.5	20.8	<5	6	46.0	4.3	2.0	5.3	.64	2.3	.8	<.05	.65	.13	.71	.10	.41	.09	1.04	.15
9782	15	13	.5	9.8	13.8	2.5	6.1	233.0	9	15.1	4.8	1.4	.6	21.0	<5	6	39.0	5.9	2.4	5.8	.66	2.2	1.0	<.05	.75	.14	.98	.16	.49	.11	1.14	.18
9783	4	12	.7	2.5	12.8	1.7	2.0	38.1	7	9.1	1.4	1.0	.1	19.1	<5	6	34.7	4.3	1.7	3.9	.47	1.6	.7	<.05	.58	.14	.75	.10	.34	.07	.69	.10
9784	11	7	.6	5.5	14.0	3.6	1.5	123.3	8	12.7	.7	1.8	.4	47.9	<5	6	70.1	6.0	2.2	5.3	.63	2.0	.8	<.05	.68	.15	.96	.16	.62	.13	1.42	.23
9785	9	10	.8	2.1	15.5	2.7	3.4	65.5	10	14.4	2.5	1.1	.2	28.0	<5	11	48.3	3.7	1.6	3.9	.45	1.4	.7	<.05	.48	.10	.52	.09	.34	.08	.83	.14
9786	23	10	1.2	7.8	10.5	1.1	4.9	175.5	8	18.2	2.9	.4	.6	6.3	<5	18	19.5	1.9	.8	1.9	.22	.8	.3	<.05	.26	.05	.33	<.05	.16	<.05	.39	.06
STANDARD SO-15	2055	1	22.0	2.8	17.2	26.4	31.6	62.6	18	396.0	1.9	24.0	.9	21.2	140	21	1078.4	22.5	28.6	60.2	6.29	23.5	4.5	1.13	3.90	.56	3.82	.75	2.55	.36	2.54	.41

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Ba ppm	Be ppm	Co ppm	Cs ppm	Ga ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	Th ppm	Tl ppm	U ppm	V ppm	W ppm	Zr ppm	Y ppm	La ppm	Ce ppm	Pr ppm	Nd ppm	Sm ppm	Eu ppm	Gd ppm	Tb ppm	Dy ppm	Ho ppm	Er ppm	Tm ppm	Yb ppm	Lu ppm
9787	31	4	<.5	10.7	8.9	.6	2.2	212.9	7	21.0	1.6	.5	1.1	6.7	<5	6	6.8	.9	1.0	2.3	.25	.9	.5	<.05	.32	.05	.26	<.05	.09	<.05	.15	.02
9788	30	8	.9	6.4	14.5	.8	9.0	195.2	14	22.1	2.0	.8	.8	14.2	<5	8	9.2	1.8	.9	2.1	.23	.8	.4	<.05	.36	.07	.42	<.05	.18	<.05	.28	.04
9789	32	12	.6	9.0	13.7	1.0	5.8	256.1	11	22.9	2.7	1.0	1.1	11.4	<5	7	13.1	1.2	2.1	4.7	.56	1.9	.8	<.05	.47	.07	.30	<.05	.09	<.05	.15	.01
9790	18	10	.5	4.9	13.3	1.1	9.1	144.5	7	18.4	3.7	1.1	.8	15.2	<5	7	16.6	1.3	1.7	4.1	.50	1.9	.7	<.05	.54	.06	.35	<.05	.09	<.05	.15	.01
9791	8	10	<.5	5.2	14.6	1.4	5.2	155.1	7	9.6	3.5	.8	1.1	12.4	<5	6	23.0	7.7	1.9	4.6	.48	1.8	.7	<.05	.66	.20	1.32	.19	.63	.13	1.23	.17
9792	15	12	.5	4.7	15.7	4.3	7.9	120.3	11	12.4	4.0	2.4	.8	46.4	<5	7	70.4	19.3	4.0	9.4	1.08	3.8	1.6	<.05	1.48	.48	3.37	.52	1.70	.36	3.41	.46
9793	15	14	.5	9.4	14.1	1.8	3.0	241.2	11	13.4	2.0	1.0	.9	17.7	<5	7	36.8	8.1	1.7	4.2	.47	1.8	.7	<.05	.68	.20	1.34	.21	.79	.17	1.63	.24
9794	22	13	.6	9.2	13.4	1.1	1.9	215.6	9	18.7	1.1	1.0	1.2	15.1	<5	7	20.7	4.7	2.0	3.6	.38	1.3	.6	<.05	.54	.14	.85	.13	.41	.10	.88	.14
9795	23	8	.6	7.4	11.0	.8	.8	165.3	4	18.3	1.1	1.2	.7	7.3	<5	9	12.5	4.5	1.1	2.5	.30	1.2	.5	<.05	.53	.12	.80	.13	.43	.08	.73	.11
9796	35	5	.7	17.7	9.9	.6	1.9	364.0	4	23.9	1.8	.8	1.8	4.8	<5	7	7.3	2.4	.8	1.7	.18	.7	.3	<.05	.31	.07	.43	.06	.22	<.05	.38	.04
9797	81	10	<.5	7.3	10.6	1.3	2.4	203.5	5	42.3	1.6	.7	.9	11.8	<5	8	22.3	6.3	1.3	2.8	.30	1.3	.4	.06	.51	.14	.92	.15	.55	.10	1.02	.14
9798	258	13	3.1	12.4	16.6	3.3	5.8	264.9	7	110.3	2.1	2.7	1.0	15.9	17	3	74.5	13.8	9.3	20.0	2.36	10.0	2.3	.40	2.38	.44	2.78	.44	1.30	.18	1.64	.22
RE 9798	262	11	3.4	12.9	16.5	3.6	5.7	260.6	7	116.4	2.0	2.7	1.1	14.6	18	3	75.5	14.8	9.1	19.8	2.33	9.3	2.3	.40	2.43	.50	2.86	.46	1.42	.22	1.83	.26
RRE 9798	255	13	4.1	12.1	15.5	3.3	5.7	259.8	7	113.1	1.8	3.2	1.0	16.3	17	3	72.1	12.9	10.0	22.0	2.52	10.5	2.7	.41	2.60	.46	2.57	.43	1.28	.20	1.55	.23
9799	298	19	7.6	12.4	19.6	4.9	14.2	303.9	38	140.8	3.9	8.1	1.0	10.0	57	8	148.3	29.9	26.2	56.3	6.40	26.9	5.7	1.42	5.17	.93	5.49	1.04	3.16	.44	3.04	.43
9800	114	25	.7	18.6	12.0	.7	43.4	367.9	10	45.2	16.0	2.2	1.2	27.7	<5	6	12.1	7.4	2.7	6.4	.74	2.6	1.5	.07	1.26	.33	1.54	.18	.53	.10	.82	.09
9801	91	14	.8	8.0	13.4	1.4	2.2	177.0	6	50.0	1.0	1.4	.7	18.5	<5	7	20.6	6.3	2.3	5.5	.63	2.3	1.0	.11	.81	.19	1.14	.15	.52	.08	.79	.10
9802	333	11	3.2	6.6	16.3	2.6	5.9	164.7	10	150.7	2.5	3.2	.5	16.8	20	6	68.3	19.2	9.5	20.4	2.46	9.9	2.5	.69	2.60	.50	3.28	.62	2.04	.31	2.19	.29
9803	588	10	13.1	26.4	24.4	7.2	19.5	185.8	16	187.8	2.5	12.1	.7	4.2	99	5	246.3	47.7	42.3	90.4	10.21	42.2	9.3	2.19	7.82	1.37	8.71	1.71	5.37	.74	4.85	.72
9804	215	5	2.2	6.6	13.8	2.0	5.6	300.5	9	83.1	1.0	4.9	.9	8.7	13	7	51.9	9.1	6.9	15.2	1.75	7.1	1.5	.39	1.42	.24	1.66	.30	1.01	.15	1.18	.16
9805	46	12	<.5	11.3	16.9	.8	7.5	455.6	16	30.9	1.8	.2	1.3	7.4	<5	5	9.6	3.6	.6	1.4	.13	.6	.3	<.05	.35	.10	.62	.09	.28	<.05	.50	.05
9806	28	16	<.5	8.6	15.8	.9	2.8	229.3	6	25.4	1.8	.9	.7	10.2	<5	5	14.6	3.4	1.4	3.3	.34	1.2	.7	<.05	.42	.09	.57	.09	.29	.06	.59	.07
9807	15	13	.5	4.3	14.4	1.0	3.0	115.1	4	16.6	1.8	.6	.4	5.7	<5	5	11.6	2.3	1.2	3.1	.37	1.3	.9	<.05	.71	.16	.59	.05	.13	<.05	.19	.01
9808	30	17	<.5	12.6	12.5	.7	2.4	296.2	3	20.8	1.4	.5	.6	4.9	<5	6	6.7	1.3	.5	1.3	.13	.6	.4	<.05	.36	.07	.28	<.05	.06	<.05	.08	<.01
9809	61	6	.8	19.4	13.4	<.5	3.5	530.5	6	35.3	2.2	.6	1.1	9.3	<5	5	3.4	1.0	.8	1.9	.22	.9	.4	<.05	.25	.04	.21	<.05	.07	<.05	.12	<.01
9810	19	11	<.5	10.0	13.5	1.5	2.5	327.1	8	18.4	1.6	1.5	.7	25.2	<5	5	21.0	5.9	2.2	5.1	.57	2.0	.9	<.05	.71	.19	1.18	.16	.49	.09	.88	.11
RE 9810	19	9	<.5	10.6	13.5	1.3	6.9	335.6	7	18.4	4.8	1.7	.7	21.9	<5	5	18.4	6.1	2.4	5.7	.63	2.1	.8	<.05	.76	.20	1.18	.17	.51	.11	1.01	.13
RRE 9810	23	15	<.5	10.2	13.1	1.7	3.1	329.2	8	18.1	1.8	2.2	.6	23.9	<5	5	24.5	6.1	3.7	8.4	.96	3.1	1.4	<.05	.85	.21	1.18	.16	.49	.09	.88	.11
9811	115	3	<.5	7.0	13.4	2.0	.8	371.4	6	41.8	.6	1.2	.7	19.1	<5	5	36.4	4.7	1.9	4.6	.48	1.8	.8	<.05	.60	.15	.92	.13	.38	.07	.78	.11
9812	22	14	3.3	2.9	15.4	1.7	57.0	119.9	12	34.7	58.0	1.0	.2	6.9	8	9	42.1	8.2	4.7	11.4	1.41	5.8	2.1	.18	1.91	.36	1.64	.25	.74	.11	.82	.11
9813	11	5	2.2	1.6	12.5	1.5	1.1	65.2	14	16.5	.8	1.5	.1	4.8	<5	7	20.9	1.6	2.1	4.9	.52	2.2	.9	.07	.48	.07	.28	<.05	.12	<.05	.23	.02
9814	7	17	<.5	1.3	13.3	2.3	1.3	38.2	6	18.9	.9	2.1	.1	25.5	<5	5	38.0	2.1	3.2	7.4	.78	2.4	1.0	<.05	.60	.10	.47	.05	.20	<.05	.42	.06
9815	9	18	<.5	2.0	14.0	2.6	4.9	45.1	8	21.6	5.6	2.7	.1	49.2	<5	5	42.7	3.5	3.8	9.0	.98	3.3	1.4	<.05	.92	.17	.79	.09	.33	.06	.70	.11
STANDARD SO-15	2114	2	22.4	3.0	17.0	25.5	29.9	65.8	18	399.9	1.7	25.0	1.4	21.8	142	20	1027.2	22.7	29.7	59.6	6.18	24.5	4.7	.97	4.00	.59	3.91	.75	2.52	.35	2.49	.41

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ✓ FA

SAMPLE#	Ba ppm	Be ppm	Co ppm	Cs ppm	Ga ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	Th ppm	Tl ppm	U ppm	V ppm	W ppm	Zr ppm	Y ppm	La ppm	Ce ppm	Pr ppm	Nd ppm	Sm ppm	Eu ppm	Gd ppm	Tb ppm	Dy ppm	Ho ppm	Er ppm	Tm ppm	Yb ppm	Lu ppm
9816	23	7	.7	9.2	12.0	.7	2.8	154.0	8	20.7	2.4	.7	.8	10.3	12	5	11.6	.8	1.3	2.6	.31	1.2	.4	<.05	.29	.05	.17	<.05	.07	<.05	.12	.01
9817	14	95	.7	10.5	12.9	2.0	14.7	111.7	15	18.7	7.3	1.3	.7	23.0	8	6	29.8	3.0	1.6	3.3	.42	1.6	.7	.07	.53	.10	.56	.08	.26	<.05	.44	.07
9818	13	14	3.2	3.4	12.1	1.3	10.1	88.6	18	13.4	5.6	1.2	.6	8.9	6	9	19.9	5.4	1.8	3.8	.48	2.0	.7	.07	.55	.14	.88	.17	.57	.10	.74	.10
9819	21	184	.6	18.8	16.6	.7	33.8	321.2	25	18.9	16.0	.8	1.1	6.3	<5	6	8.5	1.9	1.1	2.4	.30	1.3	.7	<.05	.47	.10	.47	<.05	.13	<.05	.18	.02
9820	44	9	.7	24.5	12.3	.8	8.3	438.1	16	24.5	2.5	.5	1.7	5.4	<5	7	11.0	1.3	.7	1.5	.21	.9	.3	<.05	.35	.08	.29	<.05	.08	<.05	.14	.01
9821	26	2	.6	18.2	15.0	<.5	14.0	395.0	23	16.1	4.4	.7	2.1	1.3	<5	8	4.1	.6	1.4	1.8	.22	.6	.3	<.05	.18	.04	.12	<.05	<.05	<.05	.06	.03
9822	5	10	.6	3.4	16.3	<.5	8.9	76.5	15	9.1	2.0	.8	.8	2.4	<5	8	3.3	.8	1.8	3.3	.41	1.5	.6	.06	.42	.07	.24	<.05	<.05	<.05	.05	.01
9823	7	8	.7	8.4	18.1	<.5	11.9	172.7	23	8.3	2.6	.5	1.9	.8	<5	9	3.5	.6	1.1	2.3	.31	1.1	.6	<.05	.37	.06	.20	<.05	<.05	<.05	.05	<.01
9824	7	14	.6	12.7	18.1	<.5	14.1	214.2	32	8.3	3.8	.6	1.5	1.3	<5	9	2.7	.5	1.3	2.7	.31	1.2	.5	<.05	.33	.04	.16	<.05	<.05	<.05	<.05	<.01
9825	8	6	.8	2.9	13.6	1.0	26.2	71.7	15	12.8	10.4	.8	.6	4.8	<5	12	18.0	1.7	1.4	3.1	.37	1.4	.5	<.05	.37	.07	.36	<.05	.14	<.05	.30	.04
9826	20	3	.7	15.4	11.1	<.5	6.7	328.1	17	14.4	3.0	.4	1.1	1.5	<5	9	4.1	1.0	<.5	.8	.11	.5	.2	<.05	.15	.04	.18	<.05	.09	<.05	.14	.01
RE 9826	20	3	.6	16.2	11.5	<.5	7.7	340.8	18	14.8	4.0	.3	.9	1.8	<5	9	4.3	1.0	<.5	.7	.09	<.4	.2	<.05	.16	.05	.21	<.05	.09	<.05	.13	.01
RRE 9826	21	3	.5	15.8	12.9	<.5	8.8	337.7	17	14.8	3.9	.4	.9	1.6	<5	7	4.6	1.0	<.5	.8	.10	<.4	.2	<.05	.17	.03	.19	<.05	.09	<.05	.13	.01
9827	42	4	.5	22.7	11.0	<.5	3.3	441.9	14	23.3	1.8	.7	1.1	2.1	<5	5	8.0	2.0	.5	1.0	.14	.5	.2	<.05	.25	.06	.35	.06	.20	<.05	.27	.03
9828	42	4	.6	25.9	11.4	.5	3.9	532.2	15	22.3	2.5	.6	1.0	4.5	<5	4	9.3	2.3	.6	1.3	.17	.6	.3	<.05	.27	.05	.36	.06	.21	<.05	.28	.04
9829	26	3	.5	24.6	11.4	.9	2.9	509.7	19	13.9	1.7	1.0	1.2	9.4	<5	6	13.6	1.6	1.3	2.8	.37	1.5	.4	<.05	.35	.07	.29	.05	.15	<.05	.23	.03
9830	25	3	<.5	18.3	11.2	1.4	1.0	400.9	13	14.1	1.0	1.5	1.0	14.0	<5	6	23.9	2.3	2.3	4.9	.63	2.4	.8	<.05	.56	.11	.51	.06	.18	<.05	.35	.05
9831	36	4	.5	27.0	11.8	.5	2.3	617.4	19	14.7	1.5	.3	2.0	2.8	<5	4	9.3	.4	.5	1.1	.12	.5	.2	<.05	.12	.02	.12	<.05	<.05	<.05	.07	.01
9832	33	5	<.5	17.7	12.6	<.5	1.1	445.9	8	24.7	.4	.2	1.1	.7	<5	5	1.5	.4	.5	.9	.10	.4	.1	<.05	.10	.01	.08	<.05	<.05	<.05	.05	<.01
9833	3	9	.5	6.9	25.2	<.5	33.3	231.8	30	6.6	4.2	.5	.7	.5	<5	8	3.3	.2	.9	2.0	.25	.9	.4	<.05	.26	.03	.09	<.05	<.05	<.05	<.05	<.01
9834	5	10	<.5	9.7	24.5	<.5	33.9	280.0	36	4.9	8.2	.2	.6	.3	<5	9	1.9	.2	<.5	.6	.08	<.4	.1	<.05	.10	.01	.05	<.05	<.05	<.05	<.05	<.01
9835	27	4	<.5	28.9	18.1	4.5	20.0	620.1	30	13.3	3.7	.2	1.4	1.6	<5	7	28.9	.4	<.5	<.5	.04	<.4	<.1	<.05	.06	.01	.07	<.05	<.05	<.05	.06	<.01
9836	18	1	<.5	20.5	16.3	<.5	15.8	467.1	22	14.3	3.4	<.1	1.0	.4	<5	6	2.2	.1	<.5	<.5	.04	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01
9837	4	7	.5	4.8	18.0	<.5	13.7	134.6	18	8.6	2.0	<.1	.2	.5	<5	7	1.2	.1	<.5	.6	.08	<.4	.1	<.05	.10	.01	.05	<.05	<.05	<.05	<.05	<.01
9838	14	69	.5	4.4	12.2	<.5	17.6	109.5	9	15.6	5.5	.4	.2	4.9	<5	6	6.0	1.0	.6	1.3	.18	.6	.5	<.05	.27	.06	.21	<.05	.07	<.05	.12	.01
RE 9838	16	72	.5	4.1	12.0	<.5	17.1	108.2	9	14.6	5.1	.4	.2	4.6	<5	6	6.9	1.0	.6	1.3	.19	.7	.4	<.05	.26	.06	.23	<.05	.08	<.05	.13	<.01
RRE 9838	14	67	.5	4.3	12.2	.5	17.8	112.8	9	16.1	5.8	.5	.1	4.5	<5	5	7.5	1.1	.7	1.6	.19	.8	.3	<.05	.28	.05	.25	<.05	.07	<.05	.11	.01
9839	28	7	.5	10.6	14.0	.6	5.1	242.3	13	20.6	1.7	.3	.5	3.0	<5	6	7.6	.9	.6	1.3	.18	.8	.2	.06	.20	.03	.17	<.05	.06	<.05	.12	.01
9840	31	11	.6	11.6	11.4	2.1	1.7	262.8	8	22.1	1.0	2.2	.6	33.9	<5	6	36.0	1.8	2.9	6.7	.79	3.1	1.0	.06	.69	.10	.42	<.05	.14	<.05	.33	.04
9841	40	16	2.2	15.7	16.9	2.5	11.0	306.7	33	12.2	3.6	.8	.6	22.1	<5	8	34.3	1.5	1.2	2.5	.31	1.4	.4	.06	.42	.07	.32	<.05	.11	<.05	.19	.02
9842	25	57	.5	13.7	18.1	3.6	13.4	256.1	19	15.8	6.3	1.2	.4	19.5	<5	6	51.6	8.4	1.3	3.1	.39	1.5	.8	.07	.77	.24	1.62	.23	.56	.11	.88	.10
9843	14	19	<.5	29.3	20.8	<.5	20.0	599.9	34	8.1	2.7	.6	1.3	4.2	<5	8	6.2	1.3	.6	1.3	.17	.6	.3	<.05	.21	.05	.25	<.05	.12	<.05	.18	.01
9844	15	42	.8	23.0	18.6	<.5	17.5	407.7	30	10.4	3.6	.2	.7	2.5	<5	8	7.2	.7	.5	1.2	.14	.6	.2	<.05	.16	.04	.15	<.05	.05	<.05	.07	<.01
STANDARD SO-15	2026	<1	22.0	3.0	17.0	26.9	33.2	65.4	19	402.7	2.0	24.8	1.1	21.2	151	21	1013.0	22.7	30.1	56.7	6.17	24.9	4.3	.99	3.87	.60	3.85	.77	2.45	.34	2.63	.41

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data d FA

SAMPLE#	Ba ppm	Be ppm	Co ppm	Cs ppm	Ga ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	Th ppm	Tl ppm	U ppm	V ppm	W ppm	Zr ppm	Y ppm	La ppm	Ce ppm	Pr ppm	Nd ppm	Sm ppm	Eu ppm	Gd ppm	Tb ppm	Dy ppm	Ho ppm	Er ppm	Tm ppm	Yb ppm	Lu ppm
9845	14	9	1.0	17.6	15.6	1.4	8.4	246.7	22	9.5	4.2	.8	.9	9.9	5	4	23.1	3.1	1.3	3.2	.40	1.3	.6	<.05	.48	.11	.59	.09	.22	<.05	.43	.06
9846	7	90	.7	24.0	19.4	5.0	20.0	243.8	43	7.1	11.1	1.1	.7	34.2	<5	3	65.3	4.4	1.3	3.2	.37	1.2	.6	<.05	.51	.14	.78	.13	.34	.07	.66	.10
9847	10	18	.8	17.7	12.4	1.5	8.6	253.1	17	11.0	7.2	1.2	.8	11.9	5	4	26.8	3.8	2.1	5.3	.65	2.3	.9	<.05	.67	.12	.69	.11	.30	.06	.58	.08
9848	11	82	.7	14.1	10.4	1.2	1.7	237.8	8	6.5	1.3	.8	.8	10.4	<5	2	19.3	3.7	1.2	3.1	.36	1.3	.6	<.05	.47	.11	.68	.11	.29	.06	.55	.08
9849	5	26	.6	15.5	16.9	1.7	14.0	287.4	30	3.7	5.3	1.0	.9	15.1	<5	4	24.3	7.1	1.7	4.7	.61	2.1	1.1	<.05	.94	.25	1.38	.20	.49	.10	.94	.14
9850	5	12	.7	13.3	14.5	1.7	6.1	229.3	21	3.4	2.9	1.2	.7	10.4	<5	7	25.8	3.7	2.2	5.6	.68	2.3	1.1	<.05	.74	.14	.75	.11	.29	.06	.56	.08
9851	5	14	1.0	11.3	17.0	2.1	9.5	173.9	22	5.9	5.0	1.1	.6	11.7	<5	12	32.7	4.2	1.6	4.0	.49	1.5	.7	<.05	.52	.12	.75	.12	.32	.07	.67	.09
9852	7	18	.8	20.2	11.0	.7	6.1	275.4	16	7.1	3.1	.3	.9	5.7	<5	2	10.4	1.8	.7	1.7	.21	.8	.4	<.05	.33	.07	.34	<.05	.12	<.05	.19	.02
9853	23	7	.7	20.8	14.6	<.5	10.8	444.8	20	12.2	2.4	.3	1.4	8.8	<5	5	3.5	.8	.5	1.1	.11	.4	.2	<.05	.19	.04	.16	<.05	<.05	<.05	.05	<.01
9854	5	7	.6	17.2	18.8	1.0	15.5	313.8	34	3.9	3.2	.5	.9	5.3	<5	3	13.9	3.2	.8	2.2	.28	.9	.5	<.05	.38	.11	.62	.09	.21	<.05	.35	.05
RE 9854	5	10	.9	17.3	19.1	1.0	14.5	314.4	32	4.2	3.0	.6	.9	6.5	<5	4	14.3	3.4	.9	2.4	.28	1.0	.5	<.05	.41	.12	.63	.09	.22	<.05	.37	.05
RRE 9854	6	10	.6	17.9	18.2	1.1	15.6	327.1	34	4.0	3.4	.6	1.0	6.1	<5	7	14.9	3.6	1.0	2.4	.30	1.0	.5	<.05	.47	.13	.73	.10	.23	<.05	.43	.06
9855	5	9	.5	23.1	15.9	.8	13.0	437.2	21	4.0	7.0	.5	1.5	8.5	<5	2	12.0	1.6	.7	1.8	.23	.7	.4	<.05	.28	.06	.30	<.05	.11	<.05	.21	.03
9856	2	24	.7	12.9	19.7	1.5	17.0	243.4	36	2.8	4.6	.7	.7	9.9	<5	6	20.1	4.4	1.1	2.9	.37	1.3	.6	<.05	.63	.16	.85	.12	.26	.05	.46	.06
STANDARD SO-15	2032	3	22.0	3.0	16.5	27.3	32.4	67.4	19	398.1	2.0	24.0	1.1	20.3	154	21	1066.4	25.1	29.3	60.7	6.39	24.9	4.3	1.11	4.01	.64	3.98	.93	2.52	.36	2.55	.42

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Chapleau Resources Ltd. File # A004802 Page 1 (b)

104 - 135 - 10th Ave S., Cranbrook BC V1C 2N1 Submitted by: D.L. Pighin

HL00-3.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	As ppm	Cd ppm	Sb ppm	Bi ppm
9730	3	5	11	11	3	69	<.2	<.5	1.3
9731	3	5	12	4	2	23	<.2	<.5	1.4
9732	3	3	11	7	2	19	<.2	<.5	.6
9733	3	5	19	13	2	49	<.2	<.5	1.5
9734	2	3	29	8	1	18	<.2	<.5	.7
9735	2	6	133	13	2	74	.2	<.5	1.6
9736	3	4	19	8	2	38	<.2	.5	<.5
9737	3	3	10	14	2	27	<.2	<.5	<.5
9738	3	2	9	16	2	65	<.2	<.5	<.5
9739	3	4	12	13	2	238	<.2	<.5	.6
9740	3	3	18	15	2	220	<.2	<.5	1.7
RE 9740	3	3	18	15	2	221	<.2	<.5	1.4
RRE 9740	2	3	18	15	2	196	.2	.5	1.9
9741	3	5	101	14	2	99	<.2	<.5	1.7
9742	2	4	8	24	2	18	<.2	<.5	<.5
9743	3	3	4	8	2	9	<.2	<.5	<.5
9744	3	3	13	6	2	245	<.2	<.5	<.5
9745	3	3	3	11	2	3	<.2	<.5	<.5
9746	3	4	28	30	2	90	.2	<.5	1.4
9747	3	2	6	13	1	18	<.2	<.5	.8
9748	3	8	9	20	1	85	.2	<.5	1.7
9749	2	3	32	5	1	52	<.2	.5	.5
9750	3	4	59	44	2	226	.4	<.5	2.6
9751	3	4	189	38	2	164	.5	.5	3.8
9752	2	3	9	22	1	70	<.2	<.5	<.5
RE 9752	2	3	10	23	1	77	<.2	<.5	<.5
RRE 9752	3	3	9	23	2	86	<.2	.6	<.5
9753	2	2	5	34	1	7	<.2	<.5	.5
9754	4	13	21	121	7	21	.2	4.4	1.7
9755	2	2	6	10	2	7	<.2	.5	<.5
9756	3	5	14	13	2	23	<.2	.5	<.5
9757	1	12	9	24	1	29	.2	<.5	<.5
STANDARD C3	27	70	35	168	37	58	25.3	16.3	23.5
STANDARD G-2	2	3	<3	43	8	<2	<.2	<.5	<.5

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: CORE R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 30 2000 **DATE REPORT MAILED:** Dec 13/00 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	As ppm	Cd ppm	Sb ppm	Bi ppm
9758	2	3	5	7	1	10	<.2	.5	<.5
9759	2	2	8	8	1	5	<.2	<.5	<.5
9760	3	4	14	55	2	120	.7	<.5	.5
9761	2	4	6	17	1	68	<.2	.5	<.5
9762	3	2	6	12	2	10	<.2	<.5	<.5
9763	3	24	8	6	2	83	<.2	.6	7.2
9764	3	2	4	20	2	16	<.2	<.5	.8
9765	3	6	28	72	2	132	.4	<.5	.5
9766	3	3	7	15	2	14	<.2	<.5	<.5
9767	3	2	4	15	2	10	<.2	<.5	.5
9768	4	3	20	21	2	18	<.2	<.5	<.5
RE 9768	4	3	20	21	2	18	<.2	<.5	<.5
RRE 9768	4	3	21	21	2	19	<.2	<.5	<.5
9769	2	2	204	86	1	69	1.1	<.5	1.2
9770	2	6	642	39	1	24	.4	<.5	<.5
9771	2	2	52	37	1	143	.7	<.5	5.0
9772	2	5	166	25	1	345	.6	<.5	2.7
9773	3	5	201	44	2	1261	.5	<.5	3.0
9774	2	4	638	35	2	4994	.4	.9	13.6
9775	3	3	95	32	2	643	.5	<.5	1.8
9776	3	4	85	46	1	1141	.4	<.5	3.8
9777	3	3	125	90	2	2830	.7	<.5	6.5
9778	2	2	39	19	1	530	.4	<.5	2.0
9779	2	3	148	29	1	73	.3	<.5	2.2
9780	2	2	35	31	1	119	.2	<.5	1.6
RE 9780	2	2	36	31	1	111	.3	<.5	1.7
RRE 9780	3	2	38	31	1	117	.2	<.5	1.5
9781	2	3	8	12	1	60	<.2	<.5	.5
9782	3	3	201	12	2	88	.2	<.5	2.9
9783	3	4	7	3	2	39	<.2	<.5	2.4
9784	3	3	12	27	2	79	<.2	<.5	.6
9785	3	4	10	9	2	72	<.2	<.5	.8
9786	3	3	30	8	2	574	<.2	<.5	2.5
STANDARD C3	26	65	35	170	35	55	25.7	15.9	22.6
STANDARD G-2	1	3	<3	45	7	<2	<.2	<.5	<.5

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	As ppm	Cd ppm	Sb ppm	Bi ppm
9787	3	4	339	23	2	181	.4	<.5	7.7
9788	4	3	352	50	3	1341	.7	.5	13.7
9789	3	5	128	15	2	717	.2	<.5	5.7
9790	4	3	33	3	2	50	<.2	<.5	4.3
9791	3	2	8	2	2	13	<.2	<.5	<.5
9792	3	6	7	6	2	74	<.2	<.5	1.0
9793	3	3	4	2	2	5	<.2	<.5	.9
9794	3	8	116	11	1	38	<.2	<.5	1.9
9795	3	6	132	5	2	27	<.2	<.5	1.4
9796	3	3	38	8	2	49	.2	<.5	<.5
9797	3	6	8	2	2	79	<.2	<.5	<.5
9798	1	1	21	26	<1	25	<.2	.5	2.3
RE 9798	1	1	23	26	<1	28	<.2	<.5	2.2
RRE 9798	1	1	24	26	<1	32	<.2	.5	2.0
9799	2	8	13	153	1	56	.8	<.5	.6
9800	3	13	54	67	2	195	2.5	<.5	.7
9801	3	5	172	60	2	56	.5	.5	6.3
9802	2	3	22	305	1	29	2.2	<.5	<.5
9803	2	4	7	101	1	9	.5	<.5	<.5
9804	2	6	10	21	1	10	.2	<.5	<.5
9805	2	6	4	4	1	156	.2	<.5	<.5
9806	2	4	3	4	1	430	.2	<.5	<.5
9807	2	4	<3	5	1	823	<.2	.6	<.5
9808	3	4	<3	3	2	94	.2	.5	<.5
9809	2	3	5	12	2	1369	.2	<.5	.6
9810	2	3	5	20	2	1255	.2	.5	1.4
RE 9810	3	3	5	21	1	1324	.2	.7	1.3
RRE 9810	2	3	5	21	1	1658	.2	<.5	.8
9811	2	2	5	6	1	56	<.2	<.5	<.5
9812	3	10	23	86	2	25	.4	<.5	1.4
9813	4	3	15	48	3	19	.2	<.5	<.5
9814	2	2	8	16	1	6	<.2	<.5	<.5
9815	3	3	10	9	2	2	<.2	<.5	<.5
STANDARD C3	27	69	36	175	37	56	24.1	16.8	23.6
STANDARD G-2	2	2	5	44	7	<2	.3	<.5	<.5

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	As ppm	Cd ppm	Sb ppm	Bi ppm
9816	2	2	13	21	2	<2	<.2	<.5	<.5
9817	3	3	55	28	2	7	<.2	<.5	<.5
9818	3	8	88	70	3	17	.5	<.5	.8
9819	2	3	13	4	1	5	<.2	<.5	<.5
9820	3	3	5	19	2	22	<.2	<.5	<.5
9821	2	2	8	18	2	10	<.2	<.5	<.5
9822	3	2	4	38	2	<2	<.2	<.5	<.5
9823	3	2	3	9	2	2	<.2	<.5	<.5
9824	2	2	3	4	2	2	<.2	<.5	<.5
9825	4	4	5	26	2	74	<.2	<.5	<.5
9826	3	3	8	19	2	52	<.2	<.5	<.5
RE 9826	3	3	7	19	2	49	<.2	<.5	<.5
RRE 9826	4	2	9	20	2	39	<.2	<.5	<.5
9827	2	3	15	25	2	4	<.2	<.5	<.5
9828	2	2	4	14	1	<2	<.2	<.5	<.5
9829	2	1	4	17	2	<2	<.2	<.5	<.5
9830	3	2	17	20	1	2	<.2	<.5	<.5
9831	2	1	3	4	1	14	<.2	<.5	<.5
9832	2	1	5	174	1	<2	<.2	<.5	<.5
9833	2	1	3	114	1	3	<.2	<.5	<.5
9834	3	2	<3	25	2	4	<.2	<.5	<.5
9835	2	2	54	55	1	6	.4	<.5	.5
9836	2	1	3	26	1	<2	<.2	<.5	<.5
9837	2	6	<3	12	1	5	<.2	<.5	<.5
9838	2	1	9	59	1	9	.3	<.5	<.5
RE 9838	2	1	10	58	1	9	.3	<.5	<.5
RRE 9838	2	1	10	60	1	9	.3	<.5	<.5
9839	3	2	17	10	1	5	<.2	<.5	<.5
9840	2	1	27	41	1	75	.4	<.5	<.5
9841	3	3	370	404	2	1609	6.0	.7	<.5
9842	2	6	73	176	1	19	1.6	<.5	<.5
9843	3	1	9	17	2	4	<.2	<.5	5.0
9844	2	2	67	165	1	243	1.5	<.5	2.1
STANDARD C3	28	69	38	171	38	58	25.4	16.5	23.6
STANDARD G-2	1	2	3	42	7	<2	<.2	<.5	<.5

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data A FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	As ppm	Cd ppm	Sb ppm	Bi ppm
9845	1	6	36	5	2	49	<.2	<.5	1.0
9846	3	4	17	8	5	21	<.2	<.5	<.5
9847	1	4	7	9	2	7	<.2	<.5	<.5
9848	3	4	14	16	5	6	.2	<.5	.6
9849	1	3	4	4	2	<2	<.2	<.5	.9
9850	3	2	3	3	5	3	<.2	<.5	.6
9851	1	7	21	5	2	6	<.2	<.5	3.3
9852	3	3	117	18	6	9	.2	<.5	1.2
9853	1	7	18	8	2	4	<.2	<.5	.5
9854	3	2	4	3	4	2	<.2	<.5	.6
RE 9854	3	2	3	3	4	2	<.2	<.5	<.5
RRE 9854	1	4	3	2	2	<2	<.2	<.5	<.5
9855	2	2	<3	3	4	<2	<.2	<.5	<.5
9856	1	3	3	61	2	<2	<.2	<.5	<.5
STANDARD C3	28	71	38	176	37	58	24.7	16.5	23.8
STANDARD G-2	1	3	3	46	7	<2	<.2	<.5	<.5

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Chapleau Resources Ltd. File # A004944 Page 1 (a)

104 - 135 - 10th Ave S., Cranbrook BC V1C 2N1 Submitted by: D.L. Pighin

Horn HL00-4 & HL00-6

SAMPLE#	Ba ppm	Be ppm	Co ppm	Cs ppm	Ga ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	Th ppm	Tl ppm	U ppm	V ppm	W ppm	Zr ppm	Y ppm	La ppm	Ce ppm	Pr ppm	Nd ppm	Sm ppm	Eu ppm	Gd ppm	Tb ppm	Dy ppm	Ho ppm	Er ppm	Tm ppm	Yb ppm	Lu ppm
9857 HL00-4	10	12	.5	3.5	15.1	3.4	1.3	76.2	13	12.9	1.1	1.5	.6	19.3	8	5	60.4	13.3	2.9	6.1	.76	2.5	1.2	<.05	.98	.29	2.09	.34	1.07	.26	2.49	.38
9858	11	8	.6	7.9	14.6	4.5	3.0	112.9	17	13.4	2.8	2.5	.8	24.6	5	6	79.0	9.6	2.9	6.6	.81	2.7	1.2	<.05	.96	.25	1.54	.25	.71	.17	1.63	.28
9859	31	6	.5	15.0	12.8	2.2	2.8	245.6	21	19.9	2.7	.9	1.0	9.9	8	5	34.5	5.5	2.1	4.3	.53	1.8	.8	.06	.68	.15	.94	.15	.46	.11	.98	.15
9860	13	21	.6	4.0	14.0	2.7	2.5	68.0	19	12.2	2.8	1.4	.8	14.6	5	4	43.9	9.3	2.8	5.5	.75	2.7	1.2	<.05	1.01	.26	1.64	.26	.78	.20	1.96	.29
9861	7	9	.6	2.5	14.2	4.8	2.1	45.3	10	10.3	1.8	2.9	.7	14.9	<5	4	78.9	7.9	4.1	8.8	1.14	4.2	1.8	<.05	1.34	.25	1.45	.21	.68	.16	1.71	.28
9862	2	17	.7	1.3	13.2	4.3	35.8	20.7	7	7.6	15.5	3.0	.5	68.8	<5	5	68.2	8.8	3.7	8.9	1.07	4.2	1.7	<.05	1.22	.25	1.51	.25	.77	.21	2.11	.34
9863	5	12	.7	1.4	13.3	4.7	1.9	32.7	8	11.5	.9	2.5	.8	66.9	<5	4	75.8	11.4	2.9	6.1	.79	2.8	1.3	<.05	1.08	.28	1.85	.31	1.02	.28	2.75	.44
9864	17	13	.7	11.2	15.2	2.5	6.6	269.8	16	17.6	3.8	1.3	.7	31.9	<5	3	43.0	7.3	2.0	4.6	.52	1.7	.7	<.05	.72	.18	1.17	.19	.60	.16	1.58	.26
9865	62	153	.9	28.4	15.3	<.5	10.4	611.6	28	34.9	2.1	.5	1.0	1.4	<5	4	5.2	.9	.9	.8	.09	<.4	.1	.08	.14	.04	.09	<.05	<.05	<.05	.07	.03
9866	62	3	.6	36.4	18.6	<.5	18.9	752.5	44	31.1	4.4	<.1	1.1	1.3	<5	5	2.6	.4	<.5	<.5	.04	<.4	<.1	<.05	.09	.02	.09	<.05	<.05	<.05	<.05	<.01
RE 9866	61	5	.6	34.7	18.1	<.5	18.4	727.3	44	31.7	4.2	<.1	.5	1.3	8	4	<.5	.3	<.5	<.5	.03	<.4	<.1	<.05	.07	.01	.06	<.05	<.05	<.05	<.05	<.01
RRE 9866	55	17	.6	38.3	21.8	<.5	30.9	736.3	73	29.4	6.4	<.1	.7	.9	5	5	<.5	.2	<.5	<.5	.03	<.4	<.1	<.05	.07	.01	.06	<.05	<.05	<.05	<.05	<.01
9867	4	5	<.5	4.9	3.6	<.5	15.5	84.0	10	3.1	4.6	<.1	.8	.7	7	5	<.5	<.1	<.5	<.5	<.02	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01
9868	1	11	.5	2.2	1.6	<.5	3.5	29.8	7	1.4	3.7	<.1	.4	.3	6	6	<.5	<.1	<.5	<.5	<.02	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01
9869	53	27	.6	30.6	11.2	<.5	.7	813.9	17	29.7	.4	<.1	.9	.4	6	3	<.5	.1	<.5	<.5	.02	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01
9870	10	187	.5	16.5	11.5	<.5	8.0	201.3	31	9.3	2.9	<.1	.7	.7	8	6	<.5	.1	<.5	<.5	.02	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01
9871	19	90	.6	22.6	14.5	<.5	4.4	467.9	20	15.8	2.5	<.1	1.3	1.1	6	3	1.8	.4	<.5	.6	.07	<.4	.2	<.05	.16	.03	.10	<.05	<.05	<.05	<.05	<.01
9872	5	39	.5	12.8	13.4	<.5	32.5	214.3	26	6.0	16.9	<.1	1.0	1.5	7	5	<.5	.2	<.5	.5	.06	<.4	.1	<.05	.14	.02	.06	<.05	<.05	<.05	<.05	<.01
9873	5	37	.5	11.6	9.1	<.5	23.2	176.3	20	5.0	16.3	<.1	.3	.7	7	7	<.5	<.1	<.5	<.5	<.02	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01
9874	10	325	.5	12.9	14.4	1.1	16.9	229.3	16	11.7	8.3	4.2	.5	50.9	10	5	6.1	.2	<.5	.7	.08	<.4	.2	<.05	.15	.02	.06	<.05	<.05	<.05	<.05	<.01
9875	5	10	.6	6.2	16.2	2.8	8.1	55.3	17	6.9	4.1	1.7	.8	32.9	13	5	46.7	7.6	3.0	6.9	.85	3.1	1.4	<.05	1.16	.25	1.42	.19	.57	.14	1.44	.22
9876	5	14	.6	1.5	17.4	5.3	14.2	27.8	11	9.3	7.5	2.5	.5	46.5	14	5	90.3	13.9	3.4	7.9	.98	3.4	1.5	<.05	1.24	.32	2.29	.38	1.22	.32	3.10	.50
9877	7	30	.7	5.8	21.7	3.2	36.5	113.4	22	11.3	22.1	2.2	.6	40.7	16	4	51.8	11.9	2.8	7.0	.84	3.1	1.3	<.05	1.12	.32	1.98	.30	.88	.22	2.15	.33
9878	2	16	.8	1.7	18.3	5.3	2.2	29.3	8	5.1	2.1	3.7	.8	77.3	18	4	87.2	19.6	5.1	12.5	1.52	5.7	2.6	<.05	2.07	.53	3.32	.52	1.62	.40	3.92	.63
RE 9878	1	11	.7	1.5	18.0	5.2	2.6	28.7	9	4.7	2.1	4.2	.4	81.8	18	4	92.2	18.9	5.0	12.0	1.45	5.1	2.4	<.05	1.93	.51	3.09	.49	1.50	.37	3.57	.56
RRE 9878	1	21	.6	1.9	18.6	5.3	3.4	26.2	12	4.2	3.3	3.8	.8	70.7	16	5	89.6	19.7	5.0	12.3	1.46	5.2	2.3	<.05	1.85	.52	3.12	.50	1.57	.38	3.78	.61
9879	2	23	.5	3.4	17.5	7.9	3.0	46.8	13	5.0	3.4	4.6	.3	129.5	17	4	137.3	34.8	5.3	12.9	1.48	5.3	2.2	<.05	2.07	.67	5.25	.91	2.96	.79	7.46	1.23
9880	3	14	.6	4.9	16.2	7.3	5.0	98.5	15	5.3	4.1	4.9	.5	117.6	19	4	122.9	27.6	5.8	13.2	1.54	5.7	2.3	<.05	2.06	.61	4.15	.71	2.27	.61	5.68	.89
9881	6	14	<.5	7.1	16.6	5.1	3.4	149.3	19	6.3	1.4	3.0	.7	80.1	<5	4	98.2	23.9	4.2	9.6	1.11	3.8	1.7	<.05	1.53	.49	3.66	.62	1.97	.51	4.70	.75
9882	5	108	.5	20.3	18.7	2.4	21.8	276.0	48	5.4	9.8	2.6	1.0	64.5	<5	6	38.5	11.3	5.0	11.5	1.42	4.8	2.6	<.05	2.07	.49	2.22	.29	.85	.22	2.19	.34
9883	10	4	<.5	13.9	17.4	1.8	14.1	309.4	32	5.8	4.9	1.3	1.1	23.8	<5	6	29.8	10.4	2.3	5.4	.68	2.1	1.1	<.05	1.03	.28	1.86	.27	.84	.21	2.11	.32
9884 HL00-4	5	19	.6	3.9	17.1	5.3	4.6	44.0	17	9.0	5.0	2.4	1.0	47.0	11	5	93.3	16.9	3.6	8.1	.98	3.6	1.5	<.05	1.29	.36	2.60	.43	1.47	.39	3.61	.58
STANDARD SO-15	2018	<1	21.6	2.8	16.7	26.5	31.2	68.8	19	381.9	1.8	25.0	1.1	19.9	152	19	1026.0	24.4	29.0	56.1	5.97	22.9	4.3	1.03	3.81	.60	3.78	.77	2.38	.39	2.53	.42

GROUP 4B - REE - LiBO2 FUSION, ICP/MS FINISHED.
- SAMPLE TYPE: CORE R150 60C
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: DEC 8 2000 **DATE REPORT MAILED:** Dec 20/00 **SIGNED BY:** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data ✓ FA

SAMPLE#	Ba ppm	Be ppm	Co ppm	Cs ppm	Ga ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	Th ppm	Tl ppm	U ppm	V ppm	W ppm	Zr ppm	Y ppm	La ppm	Ce ppm	Pr ppm	Nd ppm	Sm ppm	Eu ppm	Gd ppm	Tb ppm	Dy ppm	Ho ppm	Er ppm	Tm ppm	Yb ppm	Lu ppm
9885 HL 00	20	11	.6	17.1	18.0	7.3	8.2	223.5	29	15.9	13.6	5.6	1.0	101.8	<5	5	124.5	14.5	7.3	18.8	2.33	8.4	3.1	.06	2.16	.44	2.40	.39	1.30	.32	2.88	.44
9886	6	79	.5	19.1	15.8	2.1	16.5	283.4	19	6.9	15.0	1.1	1.3	18.4	11	4	33.9	9.3	1.8	4.5	.58	2.2	.9	<.05	.85	.27	1.59	.25	.83	.20	1.85	.28
9887	2	7	.6	21.5	15.0	.8	10.4	356.5	12	3.1	9.3	.6	1.5	3.1	10	5	15.1	3.3	1.2	2.6	.30	1.0	.5	<.05	.44	.10	.55	.08	.27	.05	.56	.08
9888	4	8	.5	25.8	14.9	.6	3.0	385.3	15	6.2	2.9	.4	1.6	4.5	<5	3	8.4	2.0	.9	2.2	.25	.9	.4	<.05	.36	.08	.38	.05	.17	<.05	.31	.04
9889	9	9	.7	47.1	14.7	3.2	17.2	640.3	26	12.5	7.8	.4	2.4	11.2	<5	5	32.5	2.3	.5	1.2	.14	.6	.3	<.05	.25	.07	.36	.05	.16	<.05	.33	.04
9890	2	9	.6	13.1	17.0	2.4	7.9	219.7	16	4.1	2.3	1.4	1.3	19.7	<5	5	41.9	8.6	2.0	4.8	.58	2.3	.9	<.05	.76	.20	1.24	.22	.73	.18	1.81	.27
9891	6	8	.5	22.6	19.9	1.9	9.8	430.5	28	10.5	2.2	1.1	1.7	14.2	<5	6	36.4	5.8	1.7	4.1	.49	1.7	.7	<.05	.55	.13	.83	.14	.48	.11	1.27	.20
9892	9	6	.5	24.4	16.8	2.9	6.9	459.6	17	13.4	2.0	1.4	2.3	36.6	<5	4	51.4	9.3	2.1	5.5	.66	2.4	1.0	<.05	.83	.23	1.41	.25	.76	.20	1.93	.30
9893	18	7	.9	31.3	14.5	2.6	2.6	559.5	24	19.8	1.9	1.7	2.8	26.5	<5	5	50.7	8.1	3.2	4.9	.56	1.7	.7	.06	.67	.25	1.25	.28	.66	.22	1.45	.26
9894	6	11	.6	9.6	14.3	1.6	2.6	193.7	10	9.9	1.7	.8	1.0	16.0	<5	4	26.9	3.9	1.3	2.7	.30	1.2	.5	<.05	.43	.11	.66	.10	.25	.06	.57	.09
RE 9894	6	17	.5	9.3	14.8	1.6	2.4	185.5	9	9.0	1.7	.7	1.7	15.8	<5	4	23.6	3.9	1.1	2.5	.29	1.0	.4	<.05	.41	.11	.67	.09	.29	.06	.56	.08
RRE 9894	7	10	.7	12.2	14.5	1.9	2.5	221.8	14	10.9	2.6	.9	1.6	16.9	<5	6	33.2	4.7	1.5	3.3	.39	1.2	.5	<.05	.48	.13	.78	.11	.33	.08	.63	.09
9895	9	8	.6	21.6	15.7	1.1	23.8	363.1	32	10.1	11.8	.8	1.1	20.5	<5	6	18.1	3.7	2.9	5.7	.60	1.8	.8	<.05	.60	.14	.67	.09	.25	.05	.50	.07
9896	3	9	.5	7.0	16.4	1.8	5.2	170.1	8	5.8	3.1	1.1	.8	29.3	<5	4	32.5	6.6	1.8	4.4	.54	1.8	.9	<.05	.71	.20	1.17	.18	.55	.14	1.24	.20
9897	14	9	.7	9.7	12.4	1.8	1.5	267.2	4	11.8	1.1	1.4	.8	44.5	<5	4	38.6	5.8	1.8	4.4	.51	1.8	.8	<.05	.67	.17	.99	.15	.49	.12	1.23	.21
9898	16	8	.6	6.3	13.9	1.2	3.0	225.5	5	17.7	2.4	1.0	.8	20.3	<5	3	26.7	6.3	1.8	4.1	.49	1.7	.8	<.05	.69	.15	.94	.14	.49	.11	1.06	.18
9899	98	6	.9	17.6	13.4	<.5	12.9	323.7	16	38.9	7.6	.5	1.0	1.8	<5	7	11.3	5.3	1.1	2.4	.29	1.2	.4	.07	.54	.14	.85	.12	.34	.06	.43	.05
9900	259	6	3.0	20.7	13.3	1.3	6.2	378.9	29	72.1	3.2	3.3	1.6	6.3	11	5	42.4	11.7	10.7	23.5	2.85	11.5	2.6	.34	2.31	.39	2.07	.36	1.04	.16	1.05	.16
9901	297	12	9.9	12.8	24.0	4.5	28.6	297.1	43	50.7	10.1	12.7	.8	5.9	48	10	167.0	34.1	36.9	79.4	9.54	36.7	7.2	.72	6.13	1.00	5.90	1.14	3.37	.51	3.08	.47
9902	247	4	1.2	21.6	10.7	1.0	6.1	542.9	12	45.1	1.8	1.0	1.9	11.9	<5	4	27.4	6.7	2.5	5.8	.68	2.7	.9	.10	.93	.18	1.04	.18	.58	.11	.84	.12
9903 HL 00	134	13	.7	7.4	19.9	2.4	17.4	164.8	19	41.5	4.0	.9	.6	41.9	<5	7	38.6	9.4	1.1	2.6	.30	1.2	.6	.09	.72	.23	1.52	.27	.81	.18	1.46	.21
9904 HL 00	27	2103	.6	57.1	89.8	<.5	189.1	1158.3	194	5.7	23.2	.4	2.8	2.7	<5	23	1.7	1.9	.8	2.0	.25	.9	.4	<.05	.46	.09	.41	<.05	.08	<.05	.10	<.01
9905	41	929	1.0	44.7	95.8	<.5	206.0	1202.4	218	5.2	27.2	.2	2.6	2.2	<5	25	7.7	.6	<.5	.7	.09	<.4	.1	<.05	.11	.02	.11	<.05	<.05	<.05	.06	<.01
9906	23	22	.8	66.0	57.0	<.5	107.4	742.7	165	7.0	24.6	.5	1.7	7.0	<5	19	1.0	.7	<.5	.6	.07	<.4	.1	<.05	.12	.02	.09	<.05	<.05	<.05	.09	<.01
RE 9906	21	19	.7	66.1	55.5	<.5	110.3	741.5	164	7.2	25.3	.5	1.9	7.1	<5	18	1.1	.7	<.5	.6	.06	<.4	<.1	<.05	.10	.02	.12	<.05	.06	<.05	.10	<.01
RRE 9906	22	22	.9	69.9	58.5	<.5	114.2	794.1	176	7.3	26.7	.4	1.8	7.4	<5	19	1.6	.8	<.5	.6	.08	<.4	.1	<.05	.10	.02	.13	<.05	<.05	<.05	.08	.01
9907	10	9	<.5	8.8	17.2	1.1	7.1	74.3	18	17.7	4.4	.9	.2	6.2	<5	6	13.2	2.1	1.0	2.2	.23	.9	.4	<.05	.28	.06	.33	.05	.17	<.05	.32	.04
9908	24	32	1.0	75.3	26.1	.8	41.6	279.3	95	22.8	123.0	.7	.8	8.6	<5	8	10.0	1.3	.7	1.9	.20	.7	.3	<.05	.27	.05	.25	<.05	.08	<.05	.15	.02
9909	28	28	3.3	16.1	19.8	3.0	13.6	133.8	42	28.6	12.3	2.4	.4	11.4	<5	5	41.5	4.4	3.0	7.0	.72	2.2	.9	<.05	.72	.15	.83	.11	.30	.05	.50	.07
9910	30	78	5.6	10.9	22.3	1.0	21.0	149.0	35	31.0	8.1	1.0	.4	6.7	<5	8	16.7	2.5	1.1	3.2	.29	1.0	.3	<.05	.36	.07	.39	.06	.19	<.05	.32	.05
9911	44	132	3.8	19.4	21.3	1.0	52.9	228.3	41	25.7	24.4	1.0	.7	11.2	<5	9	21.2	3.3	2.4	4.8	.59	1.9	.5	.06	.42	.08	.52	.09	.28	.05	.45	.06
9912	26	8	1.1	21.1	20.0	.7	16.7	269.1	37	22.7	7.7	.7	.8	2.6	<5	7	11.9	1.0	.7	1.6	.19	.7	.3	<.05	.18	.04	.18	<.05	.08	<.05	.16	.02
9913 HL 00	27	5	.7	26.2	18.4	3.4	14.3	346.4	33	17.0	4.3	1.5	1.1	9.9	<5	7	61.3	3.0	2.0	4.4	.56	1.9	.8	<.05	.60	.10	.51	.07	.24	.05	.56	.08
STANDARD	2057	1	21.9	2.8	17.5	25.6	28.6	64.9	16	393.8	1.9	24.9	1.1	21.4	151	21	1064.2	23.0	27.5	56.1	6.03	23.5	4.3	.78	4.11	.59	3.78	.77	2.44	.36	2.48	.42

Standard is STANDARD SO-15. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Ba ppm	Be ppm	Co ppm	Cs ppm	Ga ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	Th ppm	Tl ppm	U ppm	V ppm	W ppm	Zr ppm	Y ppm	La ppm	Ce ppm	Pr ppm	Nd ppm	Sm ppm	Eu ppm	Gd ppm	Tb ppm	Dy ppm	Ho ppm	Er ppm	Tm ppm	Yb ppm	Lu ppm
9914 HL00-10	19	11	.6	14.6	13.0	4.7	9.3	203.2	14	14.0	4.7	2.4	.8	5.8	12	5	82.1	2.2	2.6	5.2	.63	2.1	.6	<.05	.51	.07	.42	.07	.21	<.05	.47	.08
9915	13	17	.9	9.6	18.2	1.4	18.5	178.7	31	12.1	7.7	.9	.6	4.2	10	11	21.9	1.6	1.7	3.4	.44	1.3	.6	<.05	.38	.07	.30	<.05	.13	<.05	.24	.03
9916	10	33	.7	19.9	6.0	<.5	8.7	268.7	23	3.8	5.3	.2	.8	1.5	<5	11	2.3	.1	<.5	<.5	<.02	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01
9917	1	<1	.6	4.7	.5	<.5	.6	2.8	1	.5	1.1	.2	.1	.7	<5	9	<.5	<.1	<.5	<.5	<.02	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01
9918	1	1	.5	6.1	.6	<.5	.8	4.2	4	.5	2.4	.2	.4	.8	<5	9	1.0	<.1	<.5	<.5	<.02	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01
9919	4	2607	.9	26.5	4.3	<.5	8.1	46.4	15	12.3	5.7	2.1	.3	10.5	<5	12	4.1	59.4	29.5	77.3	9.97	31.2	18.8	.28	16.03	3.87	15.51	1.42	2.70	.28	1.91	.17
9920	9	42	.8	3.9	12.6	1.1	7.3	52.3	12	15.1	10.9	.5	.2	9.5	<5	6	15.2	.9	.6	1.4	.16	.5	.3	<.05	.25	.06	.24	<.05	.07	<.05	.11	.01
9921	16	20	.9	43.3	19.6	3.9	16.5	265.9	74	18.6	15.0	2.4	.7	6.6	<5	9	43.9	1.3	2.3	3.7	.40	1.0	.4	.07	.28	.07	.23	.05	.09	<.05	.16	.05
9922	13	150	.5	165.7	37.8	11.2	77.8	687.5	272	15.9	71.3	3.7	1.0	8.6	<5	9	84.5	1.3	.5	.8	.10	<.4	.2	<.05	.19	.06	.26	<.05	.09	<.05	.12	.02
9923	19	5	.5	115.5	10.5	<.5	7.3	443.6	61	10.2	17.3	1.5	1.0	1.6	<5	8	2.3	.1	<.5	.5	.04	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01
9924	1	45	<.5	6.8	1.5	<.5	1.0	19.8	10	1.2	1.9	.2	.2	2.8	<5	6	.9	<.1	<.5	<.5	.03	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01
RE 9924	1	52	.5	6.3	1.5	<.5	.8	17.5	10	1.1	1.6	.2	.2	2.7	<5	5	.5	<.1	<.5	.5	.06	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01
RRE 9924	1	52	.6	6.8	1.4	<.5	1.0	19.4	10	.9	1.8	.2	.2	2.8	<5	5	<.5	<.1	<.5	.6	.06	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01
9925	3	1	.7	11.3	4.8	5.6	1.9	40.6	16	3.6	5.5	.8	.2	6.0	<5	7	6.3	.2	<.5	<.5	<.02	<.4	<.1	<.05	<.05	<.01	.05	<.05	<.05	<.05	<.05	<.01
9926	1	1	.5	3.0	1.9	<.5	.6	9.6	5	1.2	1.2	.6	.1	.6	<5	9	<.5	<.1	<.5	.5	.04	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01
9927	6	15	.5	12.8	16.5	<.5	136.1	95.8	42	12.5	93.2	3.0	.2	12.3	<5	6	1.4	.8	2.3	3.9	.37	1.0	.4	<.05	.24	.04	.20	<.05	<.05	<.05	.06	<.01
9928	8	12	<.5	3.2	13.6	.6	4.7	29.4	12	11.1	4.2	1.0	.1	2.5	<5	6	9.3	.3	<.5	.8	.07	<.4	<.1	<.05	.06	<.01	.06	<.05	<.05	<.05	.06	<.01
9929	6	1	.6	4.2	4.1	<.5	2.0	25.4	10	3.8	3.8	.5	.6	.9	<5	10	2.7	<.1	<.5	.6	.07	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01
9930	10	23	.6	9.9	18.9	<.5	26.0	111.0	38	18.8	34.4	1.5	1.1	3.6	<5	5	1.3	.8	1.7	3.5	.43	1.2	.6	<.05	.39	.05	.21	<.05	<.05	<.05	<.05	<.01
9931	13	36	.8	25.4	23.9	1.5	24.3	226.8	88	15.9	25.8	1.8	1.0	11.6	<5	6	22.5	1.5	2.2	5.2	.61	2.0	.9	<.05	.54	.09	.43	<.05	.11	<.05	.19	.03
9932	10	16	.5	13.0	16.4	3.6	10.6	121.1	46	12.9	11.3	1.4	.6	38.6	<5	8	59.3	4.2	3.0	6.7	.79	2.5	.9	<.05	.66	.14	.78	.12	.36	.06	.69	.11
9933	9	11	<.5	5.0	17.1	4.5	10.8	93.2	23	12.2	5.3	2.3	.5	50.6	<5	6	70.0	5.4	2.4	5.8	.67	2.0	1.0	<.05	.70	.18	1.01	.15	.43	.08	.88	.12
9934	5	126	.5	16.9	21.8	2.8	23.7	191.6	62	9.2	27.3	1.2	.6	31.5	<5	9	40.3	7.8	3.0	7.7	.96	3.0	1.3	<.05	1.19	.30	1.65	.22	.56	.10	.93	.12
9935	5	14	.5	6.9	17.6	2.7	18.3	112.1	27	10.1	9.7	.9	.3	13.0	<5	6	29.5	2.5	1.3	3.0	.37	1.2	.5	<.05	.43	.09	.53	.06	.21	<.05	.38	.05
9936	14	14	.6	30.1	14.5	4.0	5.8	245.8	17	13.4	3.5	1.8	.6	51.0	<5	4	64.6	5.8	1.9	4.2	.48	1.4	.7	<.05	.57	.17	1.11	.17	.51	.09	1.02	.15
RE 9936	14	15	.7	31.6	15.3	4.0	6.6	255.3	19	14.8	3.4	2.3	.6	50.9	<5	4	67.5	5.8	2.4	5.5	.47	1.4	.8	<.05	.64	.17	1.10	.17	.54	.10	1.09	.15
RRE 9936	14	15	.5	29.9	13.9	3.9	6.0	243.8	19	14.0	3.2	1.5	.5	57.1	<5	3	66.9	6.0	1.8	4.1	.47	1.3	.6	<.05	.58	.18	1.10	.17	.52	.09	1.15	.17
9937	15	15	<.5	66.7	15.1	1.4	11.2	333.0	47	15.4	9.3	1.5	.7	18.8	<5	6	21.0	4.4	4.7	11.2	1.28	3.5	1.7	<.05	1.07	.20	.96	.13	.36	.06	.59	.08
9938	13	7	.5	46.5	19.9	3.8	16.0	352.3	47	14.3	4.9	2.1	.6	31.0	<5	6	66.1	4.7	2.9	6.8	.80	2.3	1.0	<.05	.73	.15	.86	.15	.48	.11	1.06	.16
9939	18	8	.5	54.2	14.0	2.5	7.4	279.6	27	16.9	4.0	1.9	.6	33.3	<5	6	40.1	4.9	2.6	6.3	.78	2.4	1.0	<.05	.76	.16	1.02	.15	.45	.08	.90	.12
9940	19	49	.5	33.4	14.5	1.9	7.9	208.2	22	16.7	7.8	1.4	.4	14.8	<5	7	31.5	4.3	1.3	2.8	.34	1.1	.5	<.05	.45	.11	.74	.13	.39	.07	.71	.09
9941	24	65	.6	35.6	16.4	1.0	14.7	335.6	30	19.1	6.8	.6	.6	12.3	<5	8	13.5	1.6	.6	1.7	.22	.7	.4	<.05	.29	.06	.30	<.05	.14	<.05	.26	.03
9942 HL 00-10	8	8	.6	16.1	21.0	3.6	20.0	187.6	62	11.7	10.5	1.7	.3	28.9	<5	7	69.8	6.5	2.0	4.5	.56	1.7	.8	<.05	.70	.18	1.22	.21	.66	.12	1.30	.19
STANDARD	2043	1	21.9	2.9	16.4	24.5	30.1	64.9	18	392.1	1.8	23.7	1.3	20.6	141	20	1064.7	21.2	27.8	58.0	6.28	21.2	4.2	1.01	4.07	.59	3.77	.76	2.44	.33	2.51	.41

Standard is STANDARD SO-15. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Ba ppm	Be ppm	Co ppm	Cs ppm	Ga ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	Th ppm	Tl ppm	U ppm	V ppm	W ppm	Zr ppm	Y ppm	La ppm	Ce ppm	Pr ppm	Nd ppm	Sm ppm	Eu ppm	Gd ppm	Tb ppm	Dy ppm	Ho ppm	Er ppm	Tm ppm	Yb ppm	Lu ppm
9943 HL-00-6	8	12	<.5	112.3	27.6	2.4	40.1	461.5	186	9.1	47.9	4.2	1.3	18.1	<5	12	42.5	4.0	7.9	14.6	1.42	3.9	1.2	<.05	.78	.12	.69	.11	.35	.09	.70	.12
9944	7	9	<.5	55.2	23.3	8.4	39.3	368.3	135	9.4	32.7	2.4	1.1	46.5	12	10	100.7	13.6	9.8	25.6	3.33	11.4	5.3	.08	3.80	.57	2.55	.33	1.09	.24	2.07	.32
9945	12	9	<.5	48.8	19.7	1.0	20.2	401.6	34	12.2	9.1	.5	1.1	7.4	5	7	17.8	2.0	.5	1.4	.16	.5	.2	<.05	.27	.06	.35	<.05	.15	<.05	.29	.04
9946	21	8	<.5	73.7	21.6	1.1	22.2	541.4	49	14.2	5.2	.4	1.3	5.0	8	7	10.6	2.9	1.6	4.3	.52	1.8	1.2	<.05	1.05	.20	.73	.07	.16	<.05	.24	.03
9947	11	5	<.5	60.4	19.0	.5	18.6	425.2	45	7.7	4.6	.2	.8	4.6	<5	9	5.9	.5	<.5	.8	.10	<.4	.2	<.05	.15	.03	.09	<.05	<.05	<.05	.05	<.01
9948	5	8	<.5	13.8	17.3	5.5	11.7	144.1	28	5.0	2.3	.8	.6	34.3	<5	9	71.5	3.6	1.2	3.0	.37	1.1	.6	<.05	.52	.12	.68	.09	.29	.06	.58	.10
9949	5	6	.5	20.7	19.2	3.7	17.2	194.5	40	6.4	3.4	.9	.4	21.6	<5	10	40.5	3.4	2.6	5.2	.61	1.9	1.0	.06	.79	.18	.72	.11	.21	.07	.35	.08
9950	4	5	<.5	33.3	21.0	5.6	20.3	213.8	44	14.9	7.5	6.0	.4	78.8	<5	8	49.8	18.9	29.0	67.2	7.68	23.4	13.1	.17	9.05	1.60	5.63	.42	.90	.14	1.10	.15
9951	6	9	<.5	5.6	17.8	3.1	5.8	59.4	12	6.2	1.7	1.0	.2	21.6	<5	8	47.0	7.9	1.7	4.2	.51	1.6	.8	<.05	.75	.22	1.50	.20	.59	.12	1.00	.13
9952	9	6	<.5	13.7	16.8	3.0	6.6	164.8	14	9.1	1.1	.6	.3	15.7	<5	7	45.7	9.2	1.1	2.9	.35	1.2	.5	<.05	.62	.19	1.47	.23	.64	.13	1.08	.16
RE 9952	9	8	<.5	12.4	16.2	2.3	6.5	159.8	13	9.0	1.1	.7	.3	19.9	<5	7	33.3	9.1	1.2	3.2	.36	1.2	.6	<.05	.64	.21	1.54	.22	.65	.13	1.14	.16
RRE 9952	8	11	<.5	12.8	17.2	1.9	8.0	165.9	14	8.6	1.4	.5	.2	18.4	<5	8	29.8	9.1	.9	2.4	.27	1.0	.5	<.05	.51	.20	1.50	.22	.67	.12	1.07	.17
9953	7	7	<.5	4.8	16.9	5.4	12.4	120.2	11	9.4	3.6	1.7	.2	36.6	<5	7	85.4	11.4	2.3	5.8	.70	2.3	1.1	<.05	.91	.27	1.99	.28	.88	.17	1.65	.24
9954	7	11	.5	4.6	17.4	3.3	9.9	105.0	12	10.7	1.0	.9	.2	19.2	<5	9	50.8	11.3	1.4	3.4	.41	1.5	.8	<.05	.77	.27	1.94	.28	.88	.18	1.58	.24
9955	12	41	.5	15.7	21.0	3.7	16.8	239.1	26	9.1	1.9	1.3	.3	21.1	<5	10	57.9	9.7	2.0	4.9	.60	1.9	.9	<.05	.84	.25	1.66	.25	.78	.16	1.42	.19
9956	17	10	<.5	13.6	16.9	2.9	9.2	225.1	22	11.3	1.3	.7	.4	10.8	<5	9	46.0	8.2	1.1	2.8	.34	1.0	.5	<.05	.58	.20	1.48	.22	.67	.14	1.18	.17
9957	16	8	<.5	7.0	16.4	4.2	10.0	92.6	17	13.2	1.3	.9	.3	17.9	<5	9	58.7	7.4	1.7	4.4	.51	1.6	.9	<.05	.82	.22	1.55	.21	.58	.12	.99	.14
9958	5	7	.5	10.4	21.2	3.5	14.5	134.9	20	6.8	1.3	1.2	.4	16.3	<5	9	46.5	11.6	1.8	4.8	.58	1.9	.9	<.05	.86	.30	2.16	.30	.89	.17	1.56	.22
9959	8	7	.5	9.1	19.8	3.7	14.6	138.3	17	8.5	1.3	1.0	.3	20.7	<5	9	48.5	11.6	1.6	4.0	.49	1.6	.9	<.05	.88	.31	2.22	.30	.94	.20	1.71	.26
9960	17	19	.8	10.6	20.5	4.4	16.3	163.5	20	13.6	1.5	1.1	.3	24.7	<5	9	69.5	17.0	1.9	5.0	.60	2.1	1.1	<.05	1.29	.45	3.01	.43	1.22	.24	1.93	.27
9961	33	6	.6	11.8	18.3	4.5	15.2	176.9	22	8.9	1.9	1.5	.3	21.8	<5	12	73.5	22.5	2.4	6.3	.75	2.5	1.3	.12	1.68	.61	4.13	.56	1.55	.29	2.45	.35
9962	20	17	.9	23.9	35.0	8.0	32.8	302.7	46	16.7	4.3	1.9	.6	37.2	<5	16	130.0	26.4	3.0	7.5	.94	3.1	1.5	.06	1.81	.61	4.30	.61	1.79	.38	3.09	.44
9963	6	9	.5	27.1	34.1	6.9	45.2	340.2	52	4.6	5.8	1.1	.6	40.3	<5	12	98.0	18.2	1.3	3.8	.46	1.6	.8	<.05	1.17	.48	3.28	.44	1.31	.25	2.22	.35
9964	5	125	.5	11.8	21.2	6.3	17.5	160.2	24	6.6	1.7	2.1	.2	38.1	<5	9	102.0	32.9	2.8	7.1	.86	2.9	1.6	<.05	2.20	.83	5.87	.81	2.24	.46	3.67	.49
9965	12	7	.7	9.3	24.9	13.4	25.4	216.9	27	9.5	4.3	2.7	.3	47.1	<5	11	191.7	52.3	3.9	10.2	1.26	4.4	2.5	.06	3.20	1.29	9.80	1.42	4.36	.94	7.91	1.19
9966	57	19	2.2	4.8	22.4	27.9	24.7	137.2	18	39.7	10.3	4.4	.2	102.6	30	9	409.7	110.3	6.3	16.4	2.04	7.0	3.4	.16	5.32	2.18	17.88	2.91	9.61	2.11	18.38	2.72
RE 9966	61	9	2.6	4.8	24.0	27.4	26.2	146.8	21	47.8	10.8	4.2	.2	97.0	31	9	411.5	123.1	6.1	16.1	1.98	7.3	3.3	.14	5.56	2.32	18.63	3.08	9.88	2.14	18.86	2.69
RRE 9966	55	8	2.5	4.6	23.7	27.5	22.9	140.9	16	39.3	10.0	4.5	.1	110.6	31	9	393.9	117.4	6.2	16.3	1.97	7.1	3.2	.15	5.42	2.34	19.63	3.34	10.71	2.36	20.09	2.90
9967	69	45	.5	13.8	13.1	.8	6.3	371.6	16	49.6	1.9	.6	.6	4.5	<5	6	20.7	3.3	1.3	3.1	.38	1.4	.5	.09	.49	.10	.55	.09	.28	<.05	.36	.05
9968	28	11	.5	10.4	17.0	1.3	16.2	204.9	26	27.7	3.3	.6	.2	11.7	<5	8	20.5	8.2	.9	2.4	.30	1.1	.5	.08	.66	.20	1.46	.22	.71	.14	1.30	.20
9969	36	8	.6	8.8	15.0	1.0	11.1	223.7	21	30.6	3.1	1.3	.3	6.3	<5	7	23.6	4.4	2.5	5.6	.65	2.3	.8	.07	.66	.12	.79	.13	.43	.08	.70	.11
9970	33	10	.5	11.5	17.3	1.5	13.3	330.8	28	22.3	2.0	.5	.3	10.9	<5	8	27.5	12.0	.7	2.2	.37	1.8	1.1	.14	1.15	.29	2.14	.33	1.05	.20	1.72	.24
9971 HL-00-6	41	10	.6	9.6	11.6	2.9	3.9	248.1	16	38.3	1.9	1.0	.2	20.7	<5	6	58.1	10.7	1.7	4.6	.57	1.9	1.0	.09	.92	.23	1.64	.28	.94	.19	1.84	.31
STANDARD	2056	4	21.2	2.9	16.7	26.9	31.6	65.1	19	392.9	2.2	24.3	.8	19.8	147	23	1041.3	22.9	27.2	57.4	6.07	21.9	4.5	.94	4.05	.55	3.78	.76	2.33	.35	2.46	.43

Standard is STANDARD SO-15. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Chapleau Resources Ltd. File # A004944 Page 1 (b)

104 - 135 - 10th Ave S., Cranbrook BC V1C 2N1 Submitted by: D.L. Pighin

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	As ppm	Cd ppm	Sb ppm	Bi ppm
9857	3	10	9	18	2	23	.2	<.5	<.5
9858	3	6	16	12	2	87	.2	<.5	<.5
9859	2	10	480	25	2	59	.3	<.5	2.5
9860	2	4	228	18	2	104	.3	<.5	1.2
9861	2	5	88	13	2	204	.3	<.5	<.5
9862	2	2	16	17	2	102	.3	<.5	<.5
9863	3	3	19	16	2	308	.3	<.5	<.5
9864	2	2	7	6	1	80	<.2	<.5	<.5
9865	2	2	6	4	1	13	<.2	<.5	<.5
9866	1	2	20	8	1	81	<.2	<.5	<.5
RE 9866	1	2	19	8	1	74	.2	<.5	<.5
RRE 9866	2	3	11	10	2	37	<.2	<.5	<.5
9867	3	2	24	6	2	9	<.2	<.5	<.5
9868	4	2	<3	3	2	3	<.2	<.5	<.5
9869	2	1	4	5	1	32	<.2	<.5	<.5
9870	3	2	3	6	2	5	<.2	<.5	<.5
9871	2	1	<3	5	1	9	<.2	<.5	<.5
9872	2	4	3	4	2	76	<.2	<.5	<.5
9873	4	2	5	6	2	15	<.2	<.5	<.5
9874	2	1	7	13	2	4	<.2	<.5	<.5
9875	3	2	9	5	2	25	<.2	<.5	<.5
9876	2	2	11	4	1	145	<.2	<.5	<.5
9877	2	6	9	2	2	23	<.2	<.5	<.5
9878	2	2	15	2	1	140	.2	<.5	<.5
RE 9878	2	2	14	2	1	120	<.2	<.5	<.5
RRE 9878	2	2	17	2	2	135	<.2	<.5	7.5
9879	2	1	22	1	1	49	<.2	<.5	<.5
9880	1	2	21	2	1	123	.2	<.5	<.5
9881	2	1	17	1	1	84	<.2	<.5	<.5
9882	2	1	9	1	1	116	<.2	<.5	.7
9883	2	1	7	1	1	21	<.2	<.5	<.5
9884	2	1	9	15	1	96	.2	<.5	<.5
STANDARD C3	28	69	36	169	37	60	24.9	17.1	23.2
STANDARD G-2	1	3	4	42	7	<2	<.2	<.5	<.5

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: CORE R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: DEC 8 2000 **DATE REPORT MAILED:** Dec 19/00 **SIGNED BY.** C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data ✓ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	As ppm	Cd ppm	Sb ppm	Bi ppm
9885	2	8	21	32	1	330	<.2	<.5	<.5
9886	2	2	6	5	1	17	<.2	<.5	.6
9887	2	1	6	1	1	<2	<.2	<.5	6.0
9888	2	1	3	2	1	6	<.2	<.5	<.5
9889	2	2	4	4	1	11	<.2	<.5	<.5
9890	2	1	6	7	1	13	<.2	<.5	1.7
9891	2	2	7	4	1	25	<.2	<.5	1.0
9892	2	2	7	3	1	27	<.2	<.5	<.5
9893	2	1	7	7	1	21	<.2	<.5	<.5
9894	2	1	5	12	1	11	<.2	<.5	<.5
RE 9894	2	1	5	12	1	11	<.2	<.5	<.5
RRE 9894	2	2	5	12	1	20	<.2	<.5	<.5
9895	3	3	3	6	2	13	<.2	<.5	<.5
9896	2	1	5	10	1	8	<.2	<.5	<.5
9897	2	2	9	7	1	4	<.2	<.5	<.5
9898	2	3	8	35	1	10	<.2	<.5	<.5
9899	2	2	6	1	2	108	<.2	<.5	<.5
9900	2	10	12	2	5	141	<.2	<.5	.7
9901	2	28	3	11	15	191	<.2	<.5	<.5
9902	2	4	11	1	2	3	<.2	<.5	<.5
9903	2	6	5	2	2	60	<.2	<.5	<.5
9904	1	3	44	50	1	13	.2	.7	<.5
9905	1	8	28	34	1	13	<.2	<.5	<.5
9906	2	12	34	46	2	55	.2	.9	<.5
RE 9906	2	11	34	46	2	55	.2	.8	<.5
RRE 9906	2	12	34	47	2	56	.2	.8	<.5
9907	3	4	35	6	2	138	<.2	<.5	.5
9908	2	7	25	41	2	128	.5	<.5	<.5
9909	2	7	26	101	4	68	1.9	<.5	<.5
9910	2	5	15	101	4	42	1.3	<.5	<.5
9911	3	4	16	77	4	54	.3	<.5	<.5
9912	2	3	6	40	3	7	.2	<.5	<.5
9913	2	3	9	23	3	13	<.2	<.5	<.5
STANDARD C3	27	70	34	170	36	59	25.1	17.7	23.0
STANDARD G-2	2	3	4	43	7	<2	<.2	<.5	<.5

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data A FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	As ppm	Cd ppm	Sb ppm	Bi ppm
9914	3	3	6	28	3	6	<.2	<.5	<.5
9915	3	2	5	36	3	7	<.2	<.5	<.5
9916	6	3	3	5	4	4	<.2	<.5	<.5
9917	4	3	<3	5	3	4	<.2	<.5	<.5
9918	6	3	<3	2	3	4	<.2	<.5	<.5
9919	5	4	11	8	4	81	.4	<.5	<.5
9920	3	3	9	10	2	316	<.2	<.5	<.5
9921	3	3	9	8	2	36	<.2	<.5	<.5
9922	2	3	12	11	2	83	<.2	<.5	<.5
9923	3	2	5	4	2	40	<.2	<.5	<.5
9924	3	2	<3	4	2	36	<.2	<.5	<.5
RE 9924	3	2	<3	3	1	36	<.2	<.5	<.5
RRE 9924	3	2	<3	4	2	36	<.2	<.5	<.5
9925	3	5	<3	10	2	50	<.2	<.5	<.5
9926	4	3	<3	1	3	8	<.2	<.5	<.5
9927	2	5	4	4	2	4	<.2	<.5	<.5
9928	3	7	6	3	2	6	<.2	<.5	2.7
9929	6	5	63	5	4	41	<.2	<.5	17.4
9930	2	4	47	7	1	32	<.2	<.5	<.5
9931	2	3	12	6	1	12	<.2	<.5	<.5
9932	2	6	7	9	2	2	.2	<.5	<.5
9933	3	2	8	13	2	<2	<.2	<.5	<.5
9934	2	3	7	6	2	2	<.2	<.5	<.5
9935	3	2	5	7	2	63	<.2	<.5	<.5
9936	1	3	10	13	1	76	<.2	<.5	<.5
RE 9936	1	4	12	13	1	24	<.2	<.5	<.5
RRE 9936	1	3	9	16	1	26	<.2	<.5	<.5
9937	3	4	9	22	2	58	<.2	<.5	<.5
9938	3	3	8	16	2	18	.2	<.5	<.5
9939	2	3	9	17	2	52	<.2	<.5	<.5
9940	3	4	16	38	2	592	.3	<.5	<.5
9941	3	5	45	25	2	144	<.2	<.5	<.5
9942	2	6	11	97	2	48	.5	<.5	<.5
STANDARD C3	27	71	33	174	37	57	25.4	17.6	22.5
STANDARD G-2	2	3	5	45	8	<2	<.2	<.5	<.5

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	As ppm	Cd ppm	Sb ppm	Bi ppm
9943	3	12	11	69	3	35	.2	1.5	.8
9944	2	4	11	15	1	3	.2	<.5	<.5
9945	3	3	10	12	2	22	<.2	<.5	<.5
9946	3	2	22	6	2	3	<.2	<.5	2.0
9947	4	3	4	3	3	10	<.2	<.5	<.5
9948	3	10	8	22	2	141	.2	.6	<.5
9949	4	4	7	4	3	16	.2	<.5	<.5
9950	2	2	8	6	1	26	1.3	<.5	<.5
9951	4	3	5	6	2	11	<.2	<.5	<.5
9952	3	4	5	16	2	417	<.2	<.5	<.5
RE 9952	3	4	5	16	2	403	<.2	.6	<.5
RRE 9952	3	4	5	16	2	229	<.2	<.5	<.5
9953	3	6	8	12	2	339	.4	<.5	<.5
9954	4	8	7	53	3	123	.5	.7	<.5
9955	3	5	5	5	2	208	.2	<.5	<.5
9956	4	6	18	33	3	446	.2	<.5	<.5
9957	3	16	107	22	2	325	<.2	<.5	<.5
9958	3	9	12	4	2	44	<.2	<.5	<.5
9959	3	19	5	8	2	359	<.2	.5	<.5
9960	3	17	15	30	2	599	.3	.5	<.5
9961	3	33	18	45	2	3379	1.3	<.5	<.5
9962	4	11	14	14	3	269	<.2	.7	<.5
9963	3	8	8	7	1	25	<.2	<.5	<.5
9964	3	5	7	12	2	9	<.2	<.5	<.5
9965	2	11	7	7	2	50	<.2	<.5	<.5
9966	2	4	16	23	2	27	<.2	<.5	<.5
RE 9966	2	4	16	24	1	21	<.2	<.5	<.5
RRE 9966	2	5	13	24	1	18	<.2	.6	<.5
9967	2	3	15	11	2	28	<.2	<.5	<.5
9968	3	7	4	8	2	2	<.2	<.5	<.5
9969	3	5	5	4	2	4	<.2	<.5	<.5
9970	2	5	4	7	2	<2	<.2	<.5	.6
9971	3	12	6	4	2	3	<.2	<.5	<.5
STANDARD C3	28	71	35	173	37	60	24.4	16.6	23.2
STANDARD G-2	2	3	<3	45	7	<2	<.2	<.5	<.5

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data A-FA

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Chapleau Resources Ltd. File # A004259 Page 1 (a)

104 - 135 - 10th Ave S., Cranbrook BC V1C 2N1 Submitted by: D.L. Pighin

SAMPLE#	Be ppm	Co ppm	Cs ppm	Ga ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	Th ppm	Tl ppm	U ppm	V ppm	W ppm	Zr ppm	Y ppm	La ppm	Ce ppm	Pr ppm	Nd ppm	Sm ppm	Eu ppm	Gd ppm	Tb ppm	Dy ppm	Ho ppm	Er ppm	Tm ppm	Yb ppm	Lu ppm	Be ppm
9226 HLab-5	17	.5	10.4	20.1	2.6	7.7	183.1	31	18.3	4.2	1.7	.8	17.5	<5	3	42.0	2.8	3.0	5.8	.70	2.3	.9	<.05	.56	.11	.54	.06	.22	<.05	.43	.07	13
9227	10	<.5	8.4	20.2	2.1	15.8	165.1	34	14.9	5.6	1.4	.5	13.0	<5	8	33.8	3.3	3.5	6.9	.85	3.1	1.4	<.05	.76	.15	.76	.09	.22	<.05	.44	.07	17
9228	15	<.5	13.3	19.3	3.3	15.5	299.1	24	12.5	3.1	1.8	.9	24.5	<5	4	60.5	7.6	3.0	6.0	.73	2.4	1.0	<.05	.80	.18	1.18	.21	.63	.14	1.27	.19	13
9229	46	<.5	17.9	19.4	3.9	7.1	328.5	34	23.3	3.9	1.0	.9	11.7	<5	7	67.2	10.3	2.3	3.4	.54	2.0	.7	.08	.83	.24	1.63	.31	.90	.21	1.95	.29	7
9230	44	<.5	11.1	17.1	6.2	7.2	217.8	19	27.6	4.5	1.6	.9	33.3	<5	2	156.2	15.4	2.3	5.1	.62	2.0	.9	.09	1.01	.34	2.26	.45	1.32	.31	3.07	.40	8
9231	24	<.5	7.0	20.1	2.5	9.1	143.0	27	23.4	6.1	.7	.7	10.0	<5	8	36.2	2.3	1.4	2.1	.30	1.1	.4	<.05	.35	.07	.40	.06	.20	<.05	.37	.05	8
9232	144	6.9	83.8	42.6	7.3	59.3	689.2	132	35.9	38.6	8.8	1.8	10.3	298	11	225.8	67.0	40.6	93.3	11.97	47.8	15.4	1.46	13.84	2.44	12.36	2.34	6.23	.94	6.33	.89	36
9233	15	<.5	5.7	17.1	2.1	4.7	112.6	10	19.5	3.3	1.0	1.5	14.3	<5	9	36.8	5.1	2.1	4.4	.54	1.9	.9	<.05	.75	.16	.82	.16	.43	.10	.90	.12	8
9234	11	<.5	6.3	16.0	2.2	5.2	134.1	15	13.4	2.7	1.2	.7	22.2	<5	2	36.6	5.3	2.1	5.0	.59	2.0	.9	<.05	.77	.17	.89	.14	.39	.08	.80	.11	11
9235	10	<.5	6.6	14.7	6.0	3.8	134.6	18	12.6	3.2	1.6	.9	33.9	<5	10	100.1	18.0	2.4	5.4	.61	2.0	.9	<.05	1.01	.39	2.72	.53	1.66	.40	3.96	.56	6
9236	7	<.5	12.0	14.9	3.1	3.8	244.0	18	11.9	13.0	1.5	.4	31.9	<5	2	54.8	9.6	2.4	5.8	.54	2.0	.8	<.05	.78	.20	1.11	.20	.86	.20	1.51	.21	9
RE 9236	24	<.5	13.4	15.7	3.5	16.3	252.3	15	21.4	12.1	1.1	.8	34.6	<5	2	59.0	10.3	1.6	3.6	.45	1.6	.8	<.05	.84	.23	1.47	.29	.92	.21	1.93	.29	12
RRE 9236	25	<.5	13.0	15.9	3.6	10.9	254.8	16	20.4	13.1	1.2	.8	31.2	<5	6	63.5	11.2	1.8	3.9	.46	1.5	.8	<.05	.73	.24	1.67	.29	.87	.21	2.08	.30	10
9237	16	<.5	17.9	14.1	2.8	4.0	280.4	20	14.6	4.0	1.5	.7	25.1	<5	2	45.3	9.7	2.8	6.3	.78	2.5	1.1	<.05	1.21	.27	1.65	.25	.81	.16	1.68	.25	7
9238	9	<.5	12.1	13.8	2.2	15.7	128.6	21	10.1	11.2	1.5	.4	36.0	<5	8	34.8	4.9	2.4	6.3	.74	2.7	1.3	<.05	.99	.20	.92	.15	.39	.07	.77	.12	62
9239	3	.5	4.8	15.4	3.3	6.6	69.6	19	8.8	5.0	2.1	.3	40.0	<5	6	50.4	3.3	3.1	6.9	.90	3.0	1.3	<.05	.82	.14	.59	.08	.25	<.05	.45	.07	38
9240	4	<.5	4.5	15.0	3.2	4.5	68.3	15	8.7	3.4	2.2	.3	65.6	<5	9	51.3	3.4	2.9	6.9	.74	2.7	1.1	<.05	.68	.12	.64	.09	.31	.06	.59	.09	17
9241	7	<.5	11.0	15.8	5.9	6.8	132.8	15	9.7	3.2	2.3	.4	58.6	<5	2	98.5	29.6	3.5	8.8	1.03	3.8	1.6	<.05	2.09	.70	4.69	.81	2.42	.54	4.90	.66	19
9242	9	<.5	14.3	14.8	4.2	5.9	187.1	22	10.9	3.1	2.4	.5	47.4	<5	9	69.1	13.8	3.6	8.4	1.00	3.5	1.4	<.05	1.42	.41	2.43	.40	1.08	.25	2.38	.31	38
9243	3	<.5	6.4	16.0	3.0	2.4	94.0	18	8.7	1.9	1.8	.3	33.5	<5	2	50.3	6.4	2.7	6.4	.76	2.4	1.1	<.05	.79	.19	1.01	.19	.55	.13	1.41	.20	11
9244	6	<.5	13.0	15.1	3.7	2.5	204.8	15	7.7	1.7	2.1	.5	59.8	<5	8	67.5	21.0	3.5	8.8	1.02	3.8	2.1	<.05	1.86	.53	3.43	.61	1.85	.43	4.46	.60	14
9245	8	<.5	12.6	15.0	3.4	2.5	191.5	14	10.5	1.8	2.2	.5	51.4	<5	2	62.7	12.9	3.4	8.5	.95	3.9	1.5	<.05	1.37	.34	2.20	.37	1.18	.26	2.59	.37	6
9246	10	<.5	11.0	16.6	2.2	6.1	177.4	18	13.4	2.6	1.8	.3	36.0	<5	8	38.6	12.7	3.6	8.9	1.09	3.8	1.8	<.05	1.58	.36	2.25	.36	1.07	.26	2.48	.37	8
9247	3	.5	11.0	18.9	7.9	8.3	104.4	27	4.5	3.8	5.7	.3	111.4	<5	3	142.0	34.4	7.1	18.1	2.10	7.3	3.2	<.05	2.61	.80	5.45	1.04	3.21	.83	8.19	1.15	6
9248	9	<.5	13.3	16.0	9.9	8.3	204.2	21	7.0	3.5	6.6	.5	169.1	<5	10	173.7	48.9	8.7	22.3	2.67	9.7	4.4	<.05	3.94	1.14	7.94	1.43	4.49	1.13	11.23	1.65	7
RE 9248	9	<.5	12.9	16.4	10.2	8.3	216.4	21	6.6	3.2	6.3	.4	160.1	<5	10	181.9	49.0	7.3	19.4	2.31	8.0	4.1	<.05	3.58	1.15	7.62	1.44	4.50	1.13	12.21	1.71	13
RRE 9248	10	.6	13.7	16.9	9.2	11.0	214.9	23	7.7	4.0	6.4	.6	180.8	<5	3	160.5	47.8	7.9	19.5	2.38	9.0	4.0	<.05	3.71	1.11	7.40	1.39	4.48	1.13	11.18	1.63	10
9249	5	<.5	11.6	17.8	1.6	10.0	178.9	24	6.7	3.0	1.5	.3	19.0	<5	8	26.6	5.4	2.1	5.1	.58	2.1	1.0	<.05	.71	.19	1.06	.15	.41	.08	.79	.10	58
9250	3	<.5	9.6	18.2	3.7	10.7	199.5	24	2.5	2.7	2.9	.4	21.4	<5	3	62.4	19.9	4.3	11.1	1.29	4.8	2.2	<.05	1.85	.50	3.38	.58	1.71	.38	3.68	.48	4
9251	8	<.5	18.2	21.4	2.5	18.8	396.5	38	4.0	3.2	1.9	.8	17.4	<5	9	42.5	4.3	2.6	6.4	.79	2.7	1.1	<.05	.81	.16	.85	.11	.33	.06	.68	.08	13
9252	7	<.5	9.3	15.8	3.3	6.1	202.2	18	3.5	2.0	2.2	.7	40.5	<5	2	54.6	13.7	3.3	7.6	.93	3.2	1.3	<.05	1.04	.33	2.27	.38	1.18	.27	2.63	.36	7
9253 HLab-5	5	<.5	8.7	16.3	2.4	9.0	165.2	22	5.2	2.9	1.3	.4	19.4	<5	11	40.7	4.2	1.8	4.7	.53	1.9	.9	<.05	.67	.14	.80	.12	.33	.08	.79	.12	5
STANDARD	2017	22.0	2.9	17.2	25.4	29.2	67.7	20	391.2	1.9	24.5	1.6	20.6	150	20	1059.1	22.8	28.7	59.8	6.09	23.3	4.5	1.07	4.06	.60	3.72	.79	2.44	.37	2.54	.41	<1

Standard is STANDARD SO-15.

GROUP 4B - REE - LiBO2 FUSION, ICP/MS FINISHED.
- SAMPLE TYPE: CORE R150 60C
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 23 2000 DATE REPORT MAILED: Nov 7/00 SIGNED BY. C. T. ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

 Data ___ FA ___

SAMPLE#	Ba ppm	Co ppm	Cs ppm	Ga ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	Th ppm	Tl ppm	U ppm	V ppm	W ppm	Zr ppm	Y ppm	La ppm	Ce ppm	Pr ppm	Nd ppm	Sm ppm	Eu ppm	Gd ppm	Tb ppm	Dy ppm	Ho ppm	Er ppm	Tm ppm	Yb ppm	Lu ppm	Be ppm
9254 HL00-S	9	<.5	5.6	17.1	4.2	4.3	132.0	16	7.6	1.4	3.0	.7	43.2	7	8	73.0	17.6	4.4	10.3	1.24	4.2	1.9	<.05	1.55	.45	3.01	.47	1.51	.36	3.15	.45	9
9255	4	<.5	22.3	18.3	1.6	37.3	308.3	36	4.5	42.0	.8	1.3	22.6	6	3	26.9	5.1	1.5	3.5	.41	1.6	.7	<.05	.58	.14	.81	.12	.42	.10	.95	.13	123
9256	7	<.5	15.4	18.1	7.7	10.6	279.7	21	4.2	2.6	4.6	1.3	113.6	5	8	147.4	39.3	6.1	14.0	1.73	5.8	3.0	<.05	2.71	.86	6.44	1.08	3.82	.95	9.41	1.41	6
9257	19	<.5	19.2	17.1	4.2	11.0	340.9	20	10.5	2.8	2.3	1.5	59.5	7	2	72.6	15.9	3.0	7.2	.90	3.3	1.4	<.05	1.24	.36	2.62	.41	1.48	.35	3.63	.57	15
9258	25	1.6	33.5	18.4	2.4	15.8	647.7	31	12.0	3.6	1.2	2.6	36.9	<5	11	42.7	7.0	1.4	3.2	.41	1.4	.6	<.05	.56	.19	1.06	.18	.60	.15	1.41	.24	7
9259	33	<.5	47.5	13.6	<.5	7.5	753.0	20	17.5	1.9	.2	2.7	6.2	<5	2	4.7	1.7	.9	2.2	.29	1.2	.8	<.05	.97	.21	.58	<.05	.07	<.05	.06	<.01	10
9260	13	<.5	36.7	23.4	.7	43.7	581.5	49	9.9	25.5	.2	2.0	3.9	<5	7	8.4	1.8	.8	2.0	.26	1.1	1.0	<.05	.85	.19	.56	<.05	.06	<.05	.07	<.01	87
9261	16	<.5	34.0	24.2	<.5	31.3	550.2	46	16.0	13.9	.4	2.0	5.3	<5	5	6.7	.5	.5	.9	.10	<.4	.2	<.05	.15	.04	.09	<.05	<.05	<.05	<.05	<.01	21
9262	18	<.5	32.2	31.2	<.5	42.3	447.2	70	14.6	17.4	.6	1.5	2.7	<5	8	6.3	.7	1.2	2.5	.31	1.3	.5	<.05	.29	.04	.17	<.05	<.05	<.05	<.05	<.01	7
9263	35	<.5	41.8	32.4	1.4	47.5	603.6	102	19.7	19.6	.6	2.0	21.7	<5	5	16.1	1.5	.6	1.2	.13	.6	.2	<.05	.17	.05	.28	<.05	.12	<.05	.18	.02	7
9264	10	<.5	14.2	18.7	1.9	20.3	211.2	17	9.8	20.9	1.1	.9	19.9	<5	8	30.4	8.0	1.5	3.4	.38	1.5	.7	<.05	.67	.23	1.38	.20	.59	.11	1.03	.15	137
RE 9264	11	<.5	13.5	18.8	2.1	20.0	199.1	15	9.9	26.3	.9	.8	18.5	5	7	30.4	8.1	1.5	3.2	.39	1.5	.7	<.05	.66	.23	1.45	.20	.63	.11	1.16	.15	144
RRE 9264	10	<.5	13.2	19.1	2.0	17.7	196.2	16	10.3	17.1	.8	1.0	21.8	<5	5	28.9	8.3	1.4	3.0	.36	1.3	.8	<.05	.64	.22	1.51	.20	.60	.12	1.11	.15	91
9265	9	<.5	20.5	21.8	3.0	27.7	340.8	47	7.0	6.5	1.2	1.2	7.0	<5	15	43.8	9.7	2.4	6.0	.76	3.0	2.3	<.05	2.12	.52	2.29	.22	.56	.10	1.00	.13	47
9266	8	<.5	24.6	19.6	3.6	20.9	326.9	32	8.4	19.6	.9	1.3	30.1	<5	6	54.1	9.4	1.3	3.1	.36	1.3	.9	<.05	.99	.27	1.66	.22	.69	.16	1.32	.18	215
9267	11	<.5	18.1	22.7	1.2	27.9	256.0	49	10.9	9.4	.6	.9	5.9	<5	9	18.8	4.3	.8	1.7	.20	.8	.4	<.05	.41	.13	.73	.09	.28	.06	.58	.08	169
9268	14	<.5	18.4	15.8	1.1	13.3	245.4	25	13.5	6.2	.9	1.0	5.9	<5	2	14.2	12.6	4.6	10.9	1.40	5.1	3.3	<.05	2.98	.80	3.09	.27	.52	.05	.33	.04	194
9269	5	<.5	7.5	18.4	2.2	23.7	143.8	22	8.6	14.1	1.1	.6	16.5	<5	8	36.6	11.5	2.5	5.6	.73	2.9	1.6	<.05	1.39	.37	2.15	.28	.83	.18	1.69	.24	11
9270	31	<.5	31.7	9.8	<.5	32.6	539.4	13	11.2	46.5	.3	1.8	5.1	5	2	6.1	.5	<.5	.7	.08	<.4	<.1	<.05	.10	.02	.10	<.05	<.05	<.05	<.05	<.01	4
9271	50	<.5	34.2	12.3	1.1	2.7	793.1	21	13.0	2.8	.4	2.7	13.5	<5	5	19.3	3.2	.5	.9	.09	.5	<.1	<.05	.13	.07	.47	.08	.30	.06	.77	.10	4
9272	23	<.5	34.4	15.3	2.4	9.4	688.4	17	12.7	5.0	.7	2.2	24.6	8	2	35.3	10.6	2.6	6.7	.93	3.6	2.6	<.05	2.18	.53	2.28	.24	.70	.15	1.45	.21	6
9273	21	<.5	25.9	14.5	3.5	6.6	523.7	17	10.5	4.1	1.6	2.0	56.4	<5	11	57.2	20.5	1.9	4.4	.54	1.7	1.1	<.05	1.02	.43	3.23	.53	1.88	.46	4.48	.63	30
9274	5	<.5	20.1	18.3	2.6	23.3	265.2	27	4.9	18.9	1.2	1.0	28.7	<5	2	38.5	9.8	2.8	6.8	.81	2.9	1.9	<.05	1.53	.39	1.83	.25	.78	.16	1.54	.23	8
9275	23	<.5	43.8	18.1	6.4	15.6	693.9	34	12.4	10.6	1.6	2.2	28.2	<5	7	96.1	13.7	2.1	4.6	.52	1.7	.8	<.05	.72	.28	1.99	.36	1.39	.30	2.87	.42	20
9276	11	<.5	12.0	15.4	2.1	3.1	232.6	9	9.4	2.4	.9	1.0	14.6	<5	5	42.8	5.1	1.4	3.2	.42	1.5	1.1	<.05	.93	.17	1.10	.14	.50	.12	1.32	.20	11
RE 9276	13	<.5	12.0	15.6	2.2	3.4	238.1	9	10.0	2.5	1.0	.9	14.3	<5	6	34.3	5.9	2.0	4.2	.57	2.1	1.1	<.05	.93	.19	1.12	.17	.55	.14	1.23	.22	10
RRE 9276	12	<.5	12.8	15.5	1.9	4.5	246.2	10	9.4	2.8	1.1	1.1	15.0	<5	9	32.5	5.7	2.0	4.4	.58	2.2	1.1	<.05	.97	.19	1.06	.15	.51	.14	1.27	.21	8
9277	24	<.5	29.9	18.2	5.3	15.2	634.1	28	8.4	6.5	1.8	1.9	30.4	5	3	90.1	12.6	2.2	4.9	.57	1.9	.8	<.05	.80	.27	1.97	.34	1.36	.33	3.40	.53	5
9278	21	<.5	67.3	11.3	<.5	7.2	1111.5	31	10.2	3.1	<.1	3.4	1.6	<5	5	15.4	.3	<.5	<.5	.03	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01	238
9279	19	<.5	44.5	12.4	.8	7.0	1071.4	23	6.8	2.8	.2	2.8	5.3	<5	2	22.9	.7	.6	1.1	.15	.5	.3	<.05	.26	.05	.14	<.05	<.05	<.05	<.05	<.01	23
9280	9	<.5	45.4	24.0	2.5	32.7	690.6	68	4.8	8.3	.6	2.0	31.6	9	9	31.7	9.9	3.0	7.1	.92	3.3	2.3	<.05	2.02	.53	2.15	.23	.62	.10	.94	.13	7
9281	14	<.5	33.6	19.7	2.4	25.3	669.0	45	6.4	10.8	.6	1.9	20.0	<5	4	32.9	5.3	.8	1.8	.20	.8	.4	<.05	.41	.13	.88	.12	.44	.08	.89	.12	6
9282 HL00-S.	4	<.5	25.6	20.9	7.8	31.0	340.2	46	4.9	22.5	2.9	1.0	81.9	<5	9	90.1	15.8	3.4	7.8	.94	3.1	1.8	<.05	1.49	.45	2.69	.41	1.40	.32	3.06	.47	4
STANDARD SO-15	2035	21.9	2.8	16.0	26.3	34.4	66.0	20	409.6	2.1	25.0	1.8	20.3	146	20	1088.8	22.6	29.7	58.4	6.18	23.2	4.4	1.03	4.05	.63	3.80	.75	2.46	.36	2.48	.41	1

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Ba ppm	Co ppm	Cs ppm	Ga ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	Th ppm	Tl ppm	U ppm	V ppm	W ppm	Zr ppm	Y ppm	La ppm	Ce ppm	Pr ppm	Nd ppm	Sm ppm	Eu ppm	Gd ppm	Tb ppm	Dy ppm	Ho ppm	Er ppm	Tm ppm	Yb ppm	Lu ppm	Be ppm
9283 HL00-5	17	<.5	37.8	15.5	2.6	10.8	694.5	36	5.0	3.8	.9	2.7	21.3	11	8	44.6	11.4	1.5	3.7	.47	1.7	.8	<.05	.97	.30	1.68	.28	.92	.18	1.66	.24	6
9284	1	<.5	14.7	17.3	3.7	10.5	218.8	27	2.5	4.5	1.0	1.0	16.1	<5	3	52.9	13.0	1.9	4.3	.53	1.9	.8	<.05	.80	.32	2.01	.35	1.02	.20	1.92	.26	180
9285	4	<.5	21.9	16.1	3.1	8.0	310.1	31	3.0	3.3	1.8	1.2	41.2	<5	9	50.5	10.9	3.8	8.8	1.00	3.7	1.4	<.05	1.10	.30	1.66	.30	1.03	.22	2.37	.32	6
9286	5	<.5	9.0	14.7	3.0	3.5	192.5	12	7.0	2.2	1.8	.8	57.9	9	2	51.7	18.8	3.7	8.3	1.07	3.6	1.5	<.05	1.36	.44	2.76	.53	1.66	.36	3.58	.51	12
9287	10	<.5	11.1	13.5	3.1	2.6	210.4	8	10.5	2.6	2.8	.9	62.3	<5	8	57.5	14.5	5.6	13.0	1.61	5.5	2.2	<.05	1.80	.41	2.29	.40	1.33	.29	2.69	.39	9
9288	2	<.5	14.7	14.7	11.6	7.6	212.6	15	4.1	5.9	4.7	1.0	113.8	<5	2	205.8	43.5	6.4	15.7	1.80	6.7	2.6	<.05	2.64	.95	6.45	1.15	3.33	.71	6.44	.91	7
9289	20	<.5	27.0	14.0	2.5	6.7	396.4	18	19.4	4.2	1.2	1.5	35.9	<5	9	46.0	6.4	2.2	4.8	.57	2.1	.8	.06	.69	.19	1.09	.18	.62	.13	1.49	.23	4
9290	5	<.5	17.6	12.0	3.2	2.2	301.4	10	8.3	2.0	1.8	1.4	64.1	<5	2	57.4	22.8	3.0	6.9	.81	2.8	1.4	<.05	1.25	.44	3.58	.67	2.02	.46	4.34	.64	12
9291	2	<.5	9.0	13.6	4.1	1.7	164.5	8	3.5	1.1	2.7	2.1	67.7	<5	10	77.9	26.9	4.4	9.7	1.13	4.1	1.6	<.05	1.52	.54	3.86	.74	2.36	.57	5.20	.74	8
9292	3	<.5	12.3	15.8	4.1	7.0	243.5	10	2.9	4.5	3.3	1.3	60.7	<5	3	70.7	21.3	6.2	14.9	1.80	6.1	2.5	<.05	2.03	.55	3.45	.63	1.82	.38	3.72	.51	6
RE 9292	2	<.5	13.0	16.2	3.9	7.3	243.5	13	3.3	5.0	2.9	1.8	68.1	<5	3	70.4	22.2	5.4	11.9	1.80	5.3	2.2	<.05	1.95	.56	3.55	.61	1.86	.39	3.84	.55	8
RRE 9292	3	<.5	12.2	16.8	4.2	8.4	235.1	12	4.9	5.6	3.5	1.8	64.7	<5	11	73.7	23.6	5.8	13.5	1.66	5.8	2.3	<.05	1.99	.58	3.62	.64	2.00	.42	4.08	.59	12
9293	10	<.5	8.5	14.1	7.1	2.2	172.3	4	13.5	2.1	3.2	.8	90.2	<5	2	123.1	24.2	4.6	10.4	1.26	4.5	1.9	<.05	1.76	.61	3.71	.63	1.72	.36	3.32	.44	11
9294	48	36.9	188.0	18.5	2.5	8.3	651.8	92	70.2	2.0	3.0	2.7	5.9	211	5	80.0	21.0	11.7	24.3	3.18	13.8	3.3	.91	3.26	.57	3.50	.76	2.10	.28	1.80	.25	20
9295 HL00-5	34	<.5	8.0	12.7	1.6	2.6	146.7	7	42.3	2.1	1.1	.8	9.1	<5	2	27.9	6.7	2.7	6.0	.69	2.5	1.0	<.05	.94	.22	1.18	.17	.50	.09	.96	.12	17
9296 HL00-9	18	<.5	42.6	21.6	.6	41.3	459.6	103	8.3	22.0	.4	1.4	.8	<5	13	7.6	.3	<.5	.5	.05	<.4	<.1	<.05	.06	<.01	<.05	<.05	<.05	<.05	<.05	<.01	6
9297	53	<.5	58.5	9.9	<.5	5.3	838.6	21	30.7	6.8	.3	2.2	1.0	<5	2	2.3	.3	<.5	.6	.05	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01	3
9298	51	<.5	40.9	12.4	<.5	52.3	696.8	12	32.2	51.8	.7	2.4	1.8	<5	6	2.3	.3	<.5	.6	.05	<.4	<.1	<.05	.07	<.01	.08	<.05	<.05	<.05	<.05	<.01	3
9299	12	<.5	8.3	8.5	<.5	26.9	123.8	15	6.3	22.6	.4	.4	1.2	<5	5	5.5	.2	.5	.8	.06	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01	12
9300	8	<.5	7.7	17.8	<.5	20.2	144.8	27	12.3	6.9	.3	.5	3.8	<5	11	3.0	1.3	.9	1.7	.17	.6	.3	<.05	.23	.05	.24	<.05	.08	<.05	.09	<.01	43
9301	8	.8	22.2	20.7	.6	23.5	213.9	64	13.7	13.8	.2	.6	6.1	<5	5	8.6	1.1	.5	1.2	.11	.5	.2	<.05	.16	.04	.18	<.05	.08	<.05	.10	<.01	16
9302	6	<.5	28.7	17.9	5.1	12.6	206.6	62	12.1	18.6	11.5	.5	6.2	7	12	38.5	1.2	.5	.8	.08	<.4	<.1	<.05	.12	.03	.20	<.05	.08	<.05	.16	.01	44
9303	21	<.5	34.3	15.6	1.1	10.5	368.2	33	16.6	9.4	.6	1.0	8.6	<5	4	16.9	3.7	1.9	4.4	.52	2.0	1.0	<.05	.73	.17	.79	.08	.24	<.05	.33	.04	29
9304	15	<.5	32.7	19.0	1.1	17.7	378.4	45	13.6	5.7	.4	.9	7.5	6	10	13.6	2.5	1.0	2.1	.27	1.0	.5	<.05	.48	.10	.51	.05	.16	<.05	.28	.03	19
RE 9304	15	<.5	32.2	18.6	1.3	16.0	373.5	45	13.1	5.2	.3	1.0	7.2	<5	9	15.2	2.5	.8	1.8	.21	.9	.5	<.05	.48	.11	.46	<.05	.14	<.05	.21	.03	12
RRE 9304	15	<.5	32.6	19.3	2.0	15.6	378.5	46	12.2	5.2	.4	1.0	7.7	<5	4	23.8	2.5	.9	1.9	.25	.9	.5	<.05	.48	.11	.46	.05	.16	<.05	.28	.02	13
9305	10	<.5	8.0	15.3	1.5	8.9	139.3	19	9.2	2.4	.7	.3	13.3	7	14	20.7	4.4	1.4	3.3	.37	1.6	.6	<.05	.57	.15	.84	.11	.26	<.05	.39	.05	17
9306	10	<.5	18.9	15.8	1.3	11.4	302.8	24	9.6	5.4	.7	.8	13.4	<5	4	17.1	10.5	1.5	3.4	.38	1.5	.7	<.05	.78	.30	1.84	.27	.70	.12	1.01	.14	42
9307	8	<.5	28.0	18.3	.8	17.2	453.2	45	8.4	5.5	.3	1.1	5.9	6	10	9.7	2.1	.6	1.4	.13	.5	.2	<.05	.24	.06	.39	.05	.11	<.05	.18	.02	13
9308	7	<.5	22.2	14.9	1.0	9.6	339.7	26	6.2	4.4	.6	.9	10.4	9	4	14.9	2.3	1.4	3.2	.39	1.5	.7	<.05	.44	.09	.47	<.05	.16	<.05	.25	.03	8
9309	2	<.5	4.6	19.3	5.7	10.1	114.0	16	3.7	4.7	3.2	.3	30.1	<5	17	90.8	21.7	4.9	11.9	1.43	5.2	2.0	<.05	1.63	.50	3.37	.59	1.82	.39	3.35	.48	22
9310	7	<.5	8.8	18.8	4.6	6.9	173.7	19	7.7	2.2	1.8	.5	23.5	9	3	72.9	15.3	3.0	7.1	.78	3.0	1.2	<.05	1.22	.37	2.54	.42	1.28	.24	2.43	.34	10
9311 HL00-9	17	<.5	26.8	21.4	1.6	16.9	385.5	41	14.3	6.6	.6	.9	11.5	5	10	24.3	3.4	1.2	2.7	.31	1.2	.6	<.05	.43	.09	.59	.09	.26	.05	.52	.06	11
STANDARD SO-15	2050	22.0	3.0	16.3	26.9	30.4	67.3	18	397.4	2.0	25.0	1.2	20.4	156	22	1072.9	25.2	30.0	59.6	6.21	24.6	4.5	1.06	4.08	.63	3.72	.81	2.45	.34	2.48	.41	1

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Ba ppm	Co ppm	Cs ppm	Ga ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	Th ppm	Tl ppm	U ppm	V ppm	W ppm	Zr ppm	Y ppm	La ppm	Ce ppm	Pr ppm	Nd ppm	Sm ppm	Eu ppm	Gd ppm	Tb ppm	Dy ppm	Ho ppm	Er ppm	Tm ppm	Yb ppm	Lu ppm	Be ppm
9312 HL00-9	8	.6	17.2	24.8	5.8	24.8	236.0	65	9.2	14.1	1.6	.5	32.7	<5	6	85.8	7.2	2.0	5.4	.65	2.4	1.0	<.05	.96	.23	1.10	.18	.66	.14	1.34	.18	5
9313	9	1.4	40.6	23.6	4.3	33.8	365.4	102	5.3	29.4	1.5	.7	27.1	<5	16	71.5	5.1	1.9	5.4	.67	2.5	1.1	<.05	.96	.17	.93	.13	.41	.09	.94	.15	11
9314	21	.7	25.2	13.4	3.2	9.0	372.5	16	17.7	6.1	1.8	.9	14.6	<5	6	54.4	6.3	4.6	12.6	1.38	4.8	2.6	<.05	2.01	.47	1.69	.14	.40	.08	.87	.12	10
9315	25	.7	44.9	20.1	.9	24.1	564.3	83	12.9	21.1	.3	1.3	5.3	<5	15	7.3	.8	<.5	.5	.06	<.4	.1	<.05	.18	.03	.12	<.05	<.05	<.05	.12	.01	6
RE 9315 HL00-9	24	.9	46.5	19.5	.8	23.9	558.1	88	13.2	21.8	.3	1.3	4.9	5	15	7.4	.8	<.5	.5	.06	<.4	.2	<.05	.13	.03	.17	<.05	.07	<.05	.13	.02	3
STANDARD SO-15	2029	22.0	2.9	16.9	26.7	31.9	65.8	20	397.5	1.9	24.7	1.0	20.3	147	21	1060.7	22.4	28.2	59.8	6.30	25.1	4.6	1.05	4.13	.61	3.80	.75	2.48	.36	2.50	.41	<1

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ✓ FA ___

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Chapleau Resources Ltd. File # A004259 Page 1 (b)

104 - 135 - 10th Ave S., Cranbrook BC V1C 2N1 Submitted by: D.L. Pighin

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	As ppm	Cd ppm	Sb ppm	Bi ppm
9226	3	6	14	16	5	16	<.2	<.5	<.5
9227	3	6	15	56	1	153	.5	<.5	<.5
9228	3	5	11	26	6	21	<.2	<.5	<.5
9229	2	5	15	29	1	72	.4	<.5	.7
9230	3	6	16	13	5	90	<.2	<.5	1.3
9231	2	22	14	20	1	92	.2	<.5	<.5
9232	1	12	6	221	3	312	.6	.9	<.5
9233	3	5	10	60	1	80	.2	<.5	.6
9234	3	5	7	8	6	20	<.2	<.5	.5
9235	3	5	10	5	1	44	<.2	<.5	<.5
9236	3	5	12	10	4	275	.4	<.5	<.5
RE 9236	3	5	11	11	4	283	.5	<.5	<.5
RRE 9236	2	4	11	16	1	248	.4	<.5	<.5
9237	3	4	7	5	6	185	.2	<.5	<.5
9238	3	6	11	7	1	117	<.2	<.5	2.0
9239	4	16	10	2	6	198	.3	<.5	<.5
9240	3	13	14	1	1	54	<.2	<.5	<.5
9241	3	12	26	6	5	154	.2	<.5	.5
9242	3	8	13	17	1	148	.4	<.5	.9
9243	4	8	9	16	6	87	<.2	<.5	<.5
9244	3	8	49	2	1	566	.8	<.5	1.0
9245	4	7	12	5	5	184	.3	<.5	<.5
9246	3	8	24	22	1	292	.6	<.5	.6
9247	4	10	21	9	6	146	.2	<.5	1.6
9248	3	9	37	17	1	62	<.2	<.5	1.7
RE 9248	3	9	39	17	1	57	<.2	<.5	1.7
RRE 9248	3	10	33	18	5	66	<.2	<.5	1.3
9249	2	3	5	9	1	24	<.2	<.5	<.5
9250	3	4	11	2	5	6	<.2	<.5	.7
9251	3	2	7	3	1	78	<.2	<.5	.7
9252	3	6	10	2	5	21	<.2	<.5	<.5
9253	3	2	7	4	1	93	<.2	<.5	<.5
STANDARD C3	26	69	33	164	36	56	24.0	17.6	22.5
STANDARD G-2	2	2	3	41	7	<2	<.2	<.5	<.5

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: CORE R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 23 2000 **DATE REPORT MAILED:** Nov 1/00 **SIGNED BY** C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

 Data d FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	As ppm	Cd ppm	Sb ppm	Bi ppm
9254	3	3	21	14	1	147	.3	<.5	.9
9255	3	4	5	2	5	82	<.2	<.5	<.5
9256	3	4	20	2	1	113	.2	<.5	3.6
9257	3	6	41	9	4	129	.3	<.5	1.6
9258	2	5	56	13	1	14	<.2	<.5	1.7
9259	3	7	65	12	4	8	<.2	<.5	.9
9260	2	2	8	8	1	272	.3	<.5	<.5
9261	2	5	4	26	3	4	<.2	<.5	<.5
9262	2	2	3	4	<1	10	<.2	<.5	<.5
9263	2	4	20	12	2	4	<.2	<.5	<.5
9264	2	2	5	3	1	12	<.2	<.5	<.5
RE 9264	2	2	5	3	1	14	<.2	<.5	<.5
RRE 9264	3	3	5	3	4	14	<.2	<.5	<.5
9265	3	3	6	20	1	19	.2	<.5	<.5
9266	3	3	8	25	4	33	.2	<.5	<.5
9267	2	2	4	30	1	13	<.2	<.5	<.5
9268	3	3	7	33	4	20	.2	<.5	<.5
9269	2	2	8	20	1	12	<.2	<.5	<.5
9270	3	4	3	14	4	9	<.2	<.5	<.5
9271	1	1	3	6	<1	18	<.2	<.5	<.5
9272	2	2	4	7	3	8	<.2	<.5	<.5
9273	2	1	8	3	1	27	<.2	<.5	<.5
9274	3	3	5	1	4	26	<.2	<.5	<.5
9275	2	2	10	3	1	27	.2	<.5	<.5
9276	3	3	7	3	4	54	.2	<.5	1.5
RE 9276	3	4	6	3	4	49	<.2	<.5	1.5
RRE 9276	2	2	7	2	1	60	.2	<.5	1.5
9277	3	3	7	3	4	56	<.2	<.5	1.6
9278	2	1	<3	1	1	7	<.2	<.5	<.5
9279	2	2	<3	1	3	6	<.2	<.5	<.5
9280	2	3	4	2	1	19	<.2	<.5	<.5
9281	2	3	4	2	3	13	<.2	<.5	<.5
9282	2	26	11	6	1	91	<.2	<.5	.9
STANDARD C3	28	70	36	166	38	59	25.1	18.7	23.8
STANDARD G-2	2	2	3	43	7	<2	<.2	<.5	<.5

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	As ppm	Cd ppm	Sb ppm	Bi ppm
9283	2	2	8	14	1	19	.2	<.5	.5
9284	3	3	5	13	4	32	.3	<.5	.6
9285	2	4	8	7	1	20	<.2	<.5	2.4
9286	3	5	9	4	4	25	<.2	<.5	<.5
9287	2	7	15	8	1	6	<.2	<.5	1.1
9288	3	3	25	7	3	4	<.2	<.5	1.0
9289	3	9	87	202	1	75	4.1	<.5	.9
9290	3	4	9	5	4	4	<.2	<.5	<.5
9291	3	1	11	4	1	4	<.2	<.5	<.5
9292	3	3	13	2	4	10	<.2	<.5	<.5
RE 9292	3	3	13	5	4	9	<.2	<.5	<.5
RRE 9292	3	1	14	5	1	18	<.2	<.5	<.5
9293	3	3	24	5	5	8	<.2	<.5	.6
9294	2	<1	3	104	29	229	.7	1.2	<.5
9295	3	5	13	4	4	4	<.2	<.5	.7
9296	4	10	22	9	2	3	<.2	<.5	.8
9297	3	6	31	8	4	4	<.2	<.5	<.5
9298	2	3	25	18	1	9	<.2	<.5	<.5
9299	4	8	13	9	7	4	<.2	<.5	<.5
9300	3	5	8	9	1	7	<.2	<.5	<.5
9301	4	11	7	13	5	7	<.2	.5	<.5
9302	3	6	7	16	1	12	<.2	<.5	<.5
9303	3	6	46	18	5	47	.4	<.5	1.2
9304	3	3	12	10	1	23	.3	<.5	1.1
RE 9304	3	3	13	11	1	24	.3	<.5	1.2
RRE 9304	3	5	12	13	4	26	.3	<.5	.8
9305	3	5	7	13	1	117	.7	<.5	1.4
9306	3	5	6	15	4	12	<.2	<.5	<.5
9307	3	4	5	9	1	17	<.2	<.5	.6
9308	4	9	5	9	5	16	<.2	<.5	1.5
9309	3	2	9	8	1	26	<.2	<.5	.9
9310	3	5	8	30	5	49	.3	<.5	.7
9311	2	4	5	7	1	66	.3	<.5	<.5
STANDARD C3	27	71	36	165	39	59	24.7	16.0	24.3
STANDARD G-2	2	2	3	44	8	<2	<.2	<.5	<.5

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data / FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	As ppm	Cd ppm	Sb ppm	Bi ppm
9312	3	5	10	11	4	45	<.2	<.5	<.5
9313	4	34	40	35	1	533	.6	.6	<.5
9314	3	4	17	5	4	157	.2	<.5	<.5
9315	3	9	8	13	1	480	.6	<.5	<.5
RE 9315	3	8	7	13	1	460	.5	<.5	<.5
STANDARD C3	27	67	36	170	36	61	22.4	15.5	23.0

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ✓ FA ___

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Chapleau Resources Ltd. File # A004734 Page 1 (a)

104 - 135 - 10th Ave S., Cranbrook BC V1C 2N1 Submitted by: D.L. Pighin

Hleo-7

SAMPLE#	Ba ppm	Be ppm	Co ppm	Cs ppm	Ga ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	Th ppm	Tl ppm	U ppm	V ppm	W ppm	Zr ppm	Y ppm	La ppm	Ce ppm	Pr ppm	Nd ppm	Sm ppm	Eu ppm	Gd ppm	Tb ppm	Dy ppm	Ho ppm	Er ppm	Tm ppm	Yb ppm	Lu ppm
9603	12	3	.9	18.7	15.5	<.5	33.0	307.3	46	4.8	7.0	.3	1.1	.7	18	6	.9	.1	<.5	<.5	.02	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01
9604	11	895	.8	40.3	43.2	<.5	110.7	613.5	129	1.3	17.2	.5	1.5	1.0	8	11	1.3	.4	<.5	<.5	.03	<.4	<.1	<.05	<.05	<.01	.07	<.05	<.05	<.05	<.05	<.01
9605	10	7	.7	32.2	30.8	<.5	69.9	519.5	107	2.6	14.3	<.1	1.5	3.8	6	9	1.1	.1	<.5	<.5	.02	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01
9606	7	7	.8	18.6	20.6	<.5	47.6	306.9	67	2.3	12.9	1.3	.9	7.7	<5	9	2.7	.3	<.5	<.5	<.02	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01
9607	9	6	.6	32.3	40.7	<.5	107.5	619.6	141	.9	22.8	<.1	1.7	1.8	<5	11	3.1	.2	<.5	<.5	.02	<.4	<.1	<.05	.06	<.01	.05	<.05	<.05	<.05	<.05	<.01
9608	20	6	.9	31.5	16.6	<.5	34.9	493.2	57	13.1	10.6	.3	1.5	1.9	<5	11	1.5	.2	<.5	<.5	<.02	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01
9609	38	4	.5	34.0	11.5	<.5	21.8	514.7	31	18.5	9.5	.1	1.4	1.4	<5	4	<.5	.2	<.5	<.5	<.02	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01
9610	38	5	.5	49.8	10.2	<.5	18.8	721.6	19	18.2	12.3	.4	2.2	2.4	<5	6	2.2	.2	<.5	<.5	<.02	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01
9611	38	5	.7	34.7	12.1	<.5	69.1	546.5	17	21.5	62.7	1.1	1.5	4.0	<5	5	7.9	.8	.8	.8	.07	<.4	<.1	<.05	<.05	.03	.09	<.05	<.05	.06	.04	
9612	19	<1	.6	29.2	4.7	<.5	3.3	314.1	5	10.1	2.3	.1	1.3	2.6	<5	8	2.3	.2	<.5	<.5	.02	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01
RE 9612	18	2	.8	30.6	5.0	<.5	3.5	330.9	6	10.4	1.7	<.1	1.5	2.8	<5	8	1.2	.1	<.5	<.5	<.02	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01
RRE 9612	18	1	.7	29.9	4.9	<.5	4.2	330.4	4	10.2	2.9	.4	1.0	2.8	<5	4	<.5	.1	<.5	<.5	<.02	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01
9613	14	1	.5	32.4	8.4	<.5	10.1	388.5	22	9.4	4.2	<.1	1.2	1.0	<5	8	1.9	<.1	<.5	<.5	<.02	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01
9614	12	2	<.5	30.6	10.2	.7	21.4	327.5	45	6.7	13.0	<.1	.9	1.4	<5	6	6.7	<.1	<.5	<.5	<.02	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01
9615	15	4	.7	55.4	20.9	<.5	36.6	646.1	104	12.5	12.6	.2	1.6	2.6	<5	9	1.4	.2	<.5	<.5	.03	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01
9616	29	7	.7	57.6	17.4	<.5	34.2	691.8	82	17.2	13.8	.2	1.8	2.7	<5	11	4.6	.2	<.5	<.5	.02	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01
9617	35	3	.6	76.5	18.7	<.5	24.5	884.2	80	19.9	8.5	.1	2.6	2.3	<5	5	9.5	.3	<.5	<.5	<.02	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01
9618	8	6	.6	50.8	35.6	<.5	90.1	659.3	163	3.3	22.0	<.1	1.8	1.6	<5	9	1.1	.1	<.5	<.5	<.02	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01
9619	14	70	.9	17.9	23.4	.8	27.5	190.5	37	13.0	13.3	.6	.5	6.3	<5	8	11.6	3.6	1.4	3.1	.35	1.2	.6	<.05	.50	.12	.65	.08	.22	<.05	.38	.05
9620	8	10	<.5	17.7	16.7	.7	9.4	353.1	19	7.1	1.8	1.5	1.1	7.2	<5	4	9.8	2.8	1.7	4.0	.44	1.5	.8	<.05	.55	.11	.60	.06	.21	<.05	.37	.05
9621	4	9	.5	15.3	16.8	1.3	10.2	279.8	19	4.1	1.9	.5	.8	1.9	<5	7	19.1	1.6	1.0	2.5	.28	.9	.5	<.05	.44	.06	.35	<.05	.11	<.05	.18	.03
9622	4	9	.5	16.0	15.3	.8	5.4	247.5	13	5.3	1.1	.5	.7	3.7	<5	4	10.7	1.7	.9	2.1	.23	.8	.4	<.05	.25	.05	.29	<.05	.13	<.05	.26	.03
9623	6	9	.5	9.8	14.5	1.3	3.4	167.4	10	5.6	.8	.4	.4	6.8	<5	6	19.0	2.4	.9	2.4	.27	.9	.5	<.05	.41	.09	.49	.06	.18	<.05	.35	.05
9624	7	9	<.5	13.4	13.8	1.6	4.7	170.3	15	9.4	2.7	1.0	.5	11.6	<5	4	25.7	1.4	1.4	3.3	.37	1.3	.6	<.05	.35	.04	.27	<.05	.12	<.05	.26	.05
RE 9624	6	6	<.5	13.7	14.0	1.4	4.8	170.4	16	9.2	3.3	1.1	.5	11.9	<5	4	24.8	1.3	1.5	3.6	.42	1.3	.7	<.05	.40	.06	.25	<.05	.12	<.05	.27	.04
RRE 9624	7	7	<.5	14.8	14.3	1.5	4.6	185.0	15	9.5	3.2	1.1	.4	12.1	<5	6	28.7	1.3	1.3	3.2	.37	1.3	.6	<.05	.36	.05	.28	<.05	.11	<.05	.27	.05
9625	17	264	.8	39.4	14.7	1.6	23.7	342.5	38	11.2	24.7	.4	.9	11.3	<5	9	14.2	.9	<.5	1.0	.11	.5	.3	<.05	.20	.04	.20	<.05	<.05	<.05	.07	<.01
9626	10	6	.6	13.9	6.9	<.5	7.0	186.8	14	6.3	5.2	<.1	.5	4.3	<5	9	5.0	.4	<.5	<.5	.02	<.4	<.1	<.05	<.05	<.01	.09	<.05	<.05	<.05	<.05	<.01
9627	38	11	.5	74.6	11.3	<.5	5.9	827.9	16	22.3	5.3	<.1	2.1	1.6	<5	3	2.9	.3	<.5	<.5	.02	<.4	<.1	<.05	<.05	<.01	.07	<.05	<.05	<.05	<.05	<.01
9628	33	96	.5	56.5	15.7	.6	114.0	609.5	64	20.3	128.5	.4	1.4	5.9	<5	8	7.6	2.8	2.1	4.9	.54	1.9	1.1	<.05	.67	.16	.58	.05	.14	<.05	.15	.01
9629	13	19	<.5	68.1	14.4	<.5	26.4	527.4	76	12.7	30.4	.8	1.4	13.2	<5	6	3.5	.4	<.5	<.5	<.02	<.4	<.1	<.05	<.05	<.01	.06	<.05	<.05	<.05	.10	.01
9630	33	57	<.5	63.8	14.6	.5	27.4	792.6	25	22.3	33.9	.4	2.0	6.6	<5	5	4.2	.6	<.5	<.5	.03	<.4	<.1	<.05	<.05	.01	.09	<.05	<.05	<.05	.07	<.01
STANDARD SO-15	2057	<1	22.0	2.8	17.1	26.4	33.1	68.3	18	396.5	2.1	25.3	1.2	20.3	141	20	1061.9	22.9	28.2	58.8	6.23	23.2	4.4	1.04	4.00	.55	3.75	.75	2.46	.34	2.43	.41

GROUP 4B - REE - LiBO2 FUSION, ICP/MS FINISHED.
- SAMPLE TYPE: CORE R150 60C
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 23 2000 **DATE REPORT MAILED:** Dec 8/00 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data ✓ FA ___

ACME ANALYTICAL

Chapleau Resources Ltd. FILE # A004734

HL00-7

ACME ANALYTICAL

SAMPLE#	Ba ppm	Be ppm	Co ppm	Cs ppm	Ga ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	Th ppm	Tl ppm	U ppm	V ppm	W ppm	Zr ppm	Y ppm	La ppm	Ce ppm	Pr ppm	Nd ppm	Sm ppm	Eu ppm	Gd ppm	Tb ppm	Dy ppm	Ho ppm	Er ppm	Tm ppm	Yb ppm	Lu ppm
9631	17	14	.5	41.5	15.6	.6	15.8	666.6	30	12.5	13.5	.7	2.3	3.6	21	4	4.1	.3	<.5	<.5	.02	<.4	<.1	<.05	.06	.01	<.05	<.05	<.05	<.05	.05	<.01
9632	18	7	.5	60.7	12.4	<.5	3.2	979.9	25	16.3	1.6	.3	3.2	1.4	12	4	<.5	.2	<.5	<.5	<.02	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01
9633	9	4	<.5	44.1	13.1	.6	49.2	709.9	26	8.4	53.1	.2	1.9	1.4	6	5	2.5	.1	<.5	<.5	<.02	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01
9634	6	13	.5	46.5	18.4	1.0	35.1	394.6	56	7.2	37.9	.8	1.1	8.0	<5	6	4.9	.2	<.5	<.5	.02	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01
9635	4	11	.5	31.1	23.0	18.5	144.2	279.0	61	5.9	100.9	2.8	.4	108.7	<5	5	164.5	1.5	.7	1.7	.21	.7	.3	<.05	.30	.06	.25	<.05	.09	<.05	.20	.03
9636	13	10	.7	15.5	21.7	7.4	45.2	229.4	51	8.6	29.5	2.1	.5	40.6	<5	7	72.1	1.2	.9	2.4	.26	1.0	.3	<.05	.27	.04	.25	<.05	.09	<.05	.17	.02
9637	15	28	.5	33.4	15.4	1.6	9.3	510.0	36	12.0	5.2	1.1	.9	19.5	<5	4	25.1	1.2	1.5	2.6	.28	1.0	.4	<.05	.27	.06	.18	<.05	.08	<.05	.13	.04
9638	2	38	.5	12.0	20.2	3.1	22.4	190.7	44	4.9	10.8	1.4	.2	20.7	<5	8	49.9	2.8	2.0	4.9	.56	2.0	.8	<.05	.58	.12	.49	.07	.19	<.05	.41	.07
9639	11	7	.5	62.0	15.0	<.5	8.3	538.8	30	7.4	2.1	.1	.9	7.4	<5	3	3.6	.4	.5	1.2	.11	.5	.2	<.05	.14	.02	.09	<.05	<.05	<.05	<.05	<.01
9640	5	114	.6	20.0	16.2	1.0	13.2	166.0	34	5.9	4.1	.5	.1	10.4	<5	7	17.0	1.8	1.5	3.5	.37	1.2	.6	<.05	.41	.09	.35	<.05	.11	<.05	.20	.03
RE 9640	4	117	<.5	20.4	16.5	1.1	11.9	166.1	32	6.3	3.5	.5	.2	11.1	<5	7	16.2	1.7	1.2	2.8	.32	1.1	.5	<.05	.40	.09	.36	<.05	.11	<.05	.21	.02
RRE 9640	5	101	<.5	20.5	16.5	1.0	13.8	168.8	35	6.1	4.3	.5	.1	12.1	<5	5	15.6	1.8	1.2	3.1	.35	1.3	.5	<.05	.46	.09	.38	<.05	.10	<.05	.18	.02
9641	2	43	.5	29.3	26.6	1.3	29.1	272.6	66	3.1	5.9	.3	.3	5.5	<5	8	19.4	1.5	.8	2.0	.24	.8	.3	<.05	.29	.06	.28	<.05	.09	<.05	.19	.02
9642	1	29	<.5	27.5	21.3	.9	31.5	214.0	57	2.2	10.7	.3	.2	10.1	<5	5	11.2	.8	.8	2.1	.24	.9	.3	<.05	.32	.05	.19	<.05	<.05	<.05	<.05	<.01
9643	2	116	.5	107.8	21.4	1.2	21.6	268.3	68	2.9	8.6	.7	.3	4.4	<5	7	15.1	1.4	1.2	2.8	.34	1.1	.5	<.05	.34	.07	.25	<.05	.09	<.05	.17	.02
9644	<1	3	5.9	37.2	17.4	2.2	12.4	195.4	32	3.1	3.9	.7	.2	4.9	<5	5	29.4	2.7	1.2	3.1	.39	1.5	.6	<.05	.45	.10	.47	.07	.20	<.05	.37	.05
9645	3	10	<.5	41.8	16.0	1.7	9.4	213.6	28	3.8	3.6	.7	.5	5.6	<5	6	27.6	3.0	1.1	2.7	.30	1.4	.5	<.05	.39	.10	.48	.07	.21	<.05	.42	.06
9646	1	8	<.5	18.5	19.0	2.0	16.3	150.0	41	2.2	3.3	1.2	.3	3.0	<5	4	28.9	3.4	1.5	3.7	.42	1.6	.6	<.05	.46	.12	.57	.09	.25	<.05	.48	.07
9647	7	6	.6	22.6	17.5	1.8	11.5	193.4	28	3.4	3.2	.5	.4	23.8	<5	7	29.0	5.8	.9	2.4	.28	1.1	.5	<.05	.54	.18	1.08	.16	.39	.07	.64	.07
9648	4	4	.5	38.0	23.3	2.9	20.5	378.1	45	2.8	4.0	.6	.9	18.1	<5	4	33.8	8.1	2.5	6.0	.70	2.2	1.2	<.05	1.14	.33	1.52	.21	.54	.10	.92	.12
9649	2	3	<.5	22.0	20.6	1.8	14.2	232.3	29	2.0	1.8	.4	.4	2.4	<5	7	28.6	6.1	.8	2.1	.22	.8	.3	<.05	.43	.16	1.03	.15	.41	.08	.71	.09
9650	3	4	<.5	40.0	21.1	4.3	17.6	368.1	33	2.3	3.5	.5	.8	5.8	<5	4	62.5	6.1	.7	1.9	.22	.8	.3	<.05	.37	.15	.91	.15	.47	.09	.89	.12
9651	1	9	<.5	29.7	30.7	5.8	33.0	331.4	58	1.8	5.6	1.0	.5	32.2	<5	7	80.5	6.9	1.4	3.7	.42	1.6	.8	<.05	.74	.23	1.21	.17	.48	.10	.92	.12
9652	4	4	<.5	31.9	25.5	1.4	24.5	393.4	48	2.6	3.0	.4	.9	11.8	<5	5	19.6	3.3	.7	1.8	.21	.7	.3	<.05	.36	.10	.58	.09	.27	<.05	.52	.07
RE 9652	4	4	.5	32.9	23.5	2.0	26.9	393.1	48	3.1	3.3	.5	.9	12.5	<5	5	28.9	3.3	.9	2.2	.22	.9	.4	<.05	.36	.10	.56	.09	.25	<.05	.47	.07
RRE 9652	4	5	<.5	33.1	23.1	1.7	23.0	383.7	47	3.1	2.9	.3	.9	12.2	<5	7	24.4	3.1	.7	1.9	.21	.9	.4	<.05	.41	.10	.56	.07	.24	<.05	.48	.06
9653	2	12	.5	13.1	15.7	2.7	6.8	190.6	19	2.7	1.4	1.2	.5	14.3	<5	4	43.4	5.1	2.2	5.3	.59	2.1	1.0	<.05	.72	.17	.90	.15	.45	.09	.88	.14
9654	2	12	.5	11.5	16.8	2.3	7.5	263.1	18	2.6	1.5	.9	.6	15.5	<5	6	38.8	6.6	1.7	4.4	.49	1.9	.8	<.05	.76	.22	1.10	.18	.53	.10	1.11	.16
9655	2	10	.5	12.1	15.9	2.3	5.2	240.5	15	3.0	.8	1.3	.6	16.5	<5	5	39.3	11.8	2.1	5.1	.58	2.1	.8	<.05	.82	.28	1.80	.32	1.01	.22	2.15	.30
9656	2	11	.5	16.5	17.3	7.6	5.3	213.9	18	3.1	1.4	2.9	.6	34.2	<5	3	125.3	25.5	3.9	10.1	1.20	4.2	1.8	<.05	1.82	.64	3.75	.68	2.22	.46	4.63	.65
9657	3	35	.5	16.2	18.6	2.2	10.5	212.3	28	4.1	2.2	1.8	.5	38.9	<5	7	33.8	6.2	2.4	5.9	.68	2.4	.9	<.05	.73	.17	1.06	.16	.56	.11	1.05	.15
9658	1	14	.6	15.3	19.7	2.9	14.2	206.9	34	2.2	2.2	.8	.5	53.1	<5	5	45.6	4.9	1.4	3.3	.37	1.4	.6	<.05	.48	.14	.79	.14	.42	.09	.95	.15
9659	1	8	.6	10.7	16.0	17.9	3.5	156.1	14	2.2	1.1	6.4	.4	108.4	<5	6	280.2	60.5	7.7	19.5	2.29	8.2	3.2	<.05	3.28	1.38	9.38	1.72	5.38	1.11	11.03	1.55
STANDARD	2006	<1	22.0	2.8	16.5	26.1	30.4	65.9	18	400.3	1.9	24.0	.9	19.9	141	20	1070.5	23.2	29.8	60.3	6.31	24.6	4.3	.97	3.90	.62	3.73	.80	2.58	.35	2.58	.40

Standard is STANDARD SO-15. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data A FA

ACME ANALYTICAL

Chapleau Resources Ltd. FILE # A004734

#LOO-7

ACME ANALYTICAL

SAMPLE#	Ba ppm	Be ppm	Co ppm	Cs ppm	Ga ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	Th ppm	Tl ppm	U ppm	V ppm	W ppm	Zr ppm	Y ppm	La ppm	Ce ppm	Pr ppm	Nd ppm	Sm ppm	Eu ppm	Gd ppm	Tb ppm	Dy ppm	Ho ppm	Er ppm	Tm ppm	Yb ppm	Lu ppm
9660	2	42	.9	25.3	19.9	8.7	19.7	324.7	38	4.6	3.6	2.3	1.2	60.5	20	9	121.9	22.1	5.5	15.0	2.00	7.4	4.2	<.05	3.27	.83	4.67	.62	1.70	.37	3.25	.45
9661	5	8	.6	14.3	17.4	6.2	9.0	187.5	21	8.0	1.5	1.0	.6	35.1	8	6	92.4	12.6	1.7	4.2	.51	1.7	.8	<.05	.81	.29	2.13	.32	1.04	.22	2.07	.28
9662	16	8	.6	26.1	13.5	1.4	4.3	338.4	16	12.7	1.1	.5	.9	12.9	5	4	21.6	5.4	.9	2.5	.30	1.0	.4	.07	.44	.13	.91	.14	.44	.09	.88	.13
9663	3	22	1.0	19.5	18.1	5.3	7.2	242.3	23	4.9	1.4	1.5	.9	24.8	<5	10	81.0	19.3	2.5	6.2	.73	2.6	1.0	<.05	1.06	.40	3.12	.54	1.67	.38	3.71	.54
9664	<1	10	1.0	11.0	15.7	4.0	2.7	146.9	13	2.0	.6	2.0	.5	31.0	<5	7	64.3	11.1	3.2	7.9	.93	2.9	1.3	<.05	.95	.27	1.87	.31	1.01	.24	2.41	.35
9665	3	5	1.0	48.8	14.0	1.5	7.7	622.6	28	3.8	4.4	1.4	2.2	16.8	<5	9	24.3	4.4	2.8	6.6	.74	2.5	1.2	<.05	.73	.14	.83	.12	.37	.09	.90	.13
9666	4	3	1.1	58.9	14.3	1.3	10.2	720.7	37	2.8	4.6	.9	2.3	17.9	<5	8	23.0	2.8	1.0	1.7	.18	.5	.3	<.05	.22	.08	.48	.08	.20	.07	.48	.09
9667	3	5	.7	42.9	19.3	6.5	18.6	532.3	52	2.0	3.8	1.9	1.8	24.8	<5	7	89.2	17.1	2.0	5.0	.60	2.0	1.0	<.05	1.04	.42	3.05	.46	1.20	.24	2.13	.27
9668	12	5	.7	49.6	16.2	1.8	9.2	592.2	40	9.1	1.3	.8	1.8	14.6	<5	4	27.2	4.9	1.3	3.0	.32	1.1	.6	<.05	.46	.13	.85	.13	.38	.08	.77	.11
9669	36	7	.8	36.7	16.5	1.3	13.4	478.8	36	26.0	2.5	.3	1.3	20.5	<5	7	17.3	2.4	1.1	1.6	.23	.9	.2	.08	.25	.05	.40	.06	.13	<.05	.20	.03
9670	22	9	1.1	14.0	22.7	3.9	23.4	291.9	49	16.0	4.8	.9	.8	21.8	<5	7	50.6	17.1	2.1	4.5	.58	2.3	1.2	.24	1.31	.51	3.16	.41	.95	.18	1.33	.17
RE 9670	21	9	.9	14.2	21.6	4.0	23.5	293.4	51	14.9	4.8	.8	.6	21.6	<5	7	48.3	15.3	2.1	4.5	.58	2.0	1.2	.23	1.24	.48	3.14	.40	.90	.17	1.21	.16
RRE 9670	21	9	.9	14.7	23.4	3.8	32.9	301.7	52	14.8	9.1	.8	.7	21.4	<5	11	49.2	16.1	2.2	4.7	.60	2.0	1.3	.24	1.37	.47	3.16	.38	.88	.16	1.16	.15
9671	18	7	.8	10.7	18.4	3.1	10.9	207.8	29	13.9	1.6	1.1	.5	9.6	<5	6	42.6	6.7	2.4	5.6	.68	2.2	1.0	.06	.79	.21	1.15	.17	.48	.10	.89	.13
9672	13	7	1.0	21.1	18.7	1.5	12.2	315.2	43	14.4	3.8	.8	.8	7.8	<5	12	19.5	6.4	1.9	4.3	.52	1.8	.9	<.05	.82	.21	1.21	.17	.50	.09	.89	.12
9673	11	17	.8	15.4	17.7	2.6	9.2	305.1	30	12.0	2.3	1.4	.7	19.4	<5	5	35.7	10.3	2.5	6.3	.73	2.4	1.2	<.05	.96	.29	2.02	.27	.80	.15	1.39	.20
9674	39	20	6.0	7.4	18.3	15.2	11.1	186.6	20	32.9	4.4	4.2	.4	56.0	25	13	228.5	64.4	6.8	15.9	1.87	6.6	2.9	.13	3.67	1.61	11.88	1.71	4.30	.79	6.43	.78
9675	44	3	1.6	11.6	12.8	.6	3.5	220.8	5	32.3	3.2	.5	.6	.9	<5	4	12.0	2.4	.7	1.8	.21	.9	.3	<.05	.32	.07	.44	.06	.19	<.05	.29	.03
9676	50	11	6.4	33.4	15.1	1.1	4.9	333.1	20	28.7	2.2	1.1	.9	2.0	20	12	26.5	7.6	2.6	6.2	.75	2.8	1.1	.10	.88	.23	1.38	.22	.67	.12	1.07	.15
9677	45	10	14.9	32.4	17.2	2.1	21.6	295.2	28	29.2	18.5	1.6	.9	3.0	37	8	48.4	9.9	3.9	9.0	1.12	4.5	1.4	.18	1.38	.28	1.82	.30	.89	.15	1.29	.17
9678	53	13	2.6	6.8	13.7	1.1	2.3	199.1	13	27.3	1.1	1.4	.4	3.4	<5	10	21.2	5.3	1.7	4.0	.46	1.8	.7	<.05	.62	.14	.88	.15	.46	.09	.85	.11
9679	46	7	1.2	3.9	16.3	1.3	4.1	121.5	6	22.2	3.0	.7	.2	2.1	<5	7	20.0	4.7	1.8	4.2	.48	1.7	.8	<.05	.69	.17	1.02	.14	.37	.07	.63	.09
9680	35	7	1.0	4.5	13.4	1.5	9.7	118.0	8	26.0	5.5	1.1	.2	4.5	<5	6	28.3	8.0	2.7	6.2	.69	2.4	1.0	<.05	.87	.23	1.47	.22	.70	.14	1.30	.19
9681	10	6	.6	5.9	13.0	.9	5.2	217.7	8	19.0	1.3	1.0	.3	3.9	<5	3	18.3	8.1	2.6	5.9	.67	2.4	1.0	<.05	.83	.23	1.38	.23	.72	.15	1.28	.18
9682	2	8	.7	10.8	17.8	1.6	14.5	200.0	18	6.3	3.4	1.4	.5	10.8	<5	8	26.1	10.6	3.4	7.8	.70	2.6	1.2	<.05	.96	.27	1.81	.28	.86	.16	1.56	.20
RE 9682	2	9	.8	9.2	15.5	1.6	13.8	204.2	18	6.4	3.9	1.2	.2	9.5	<5	6	27.1	9.1	2.8	6.3	.72	2.7	1.2	<.05	.97	.26	1.68	.24	.78	.14	1.35	.19
RRE 9682	2	9	.8	8.2	15.6	1.3	22.0	196.2	17	6.7	6.2	1.2	.2	10.5	<5	4	23.9	9.0	3.0	6.7	.74	2.6	1.1	<.05	.88	.24	1.53	.24	.71	.14	1.22	.18
9683	11	6	.5	11.8	12.9	1.1	5.7	314.2	10	15.7	1.9	1.0	.5	3.6	<5	6	20.9	8.8	2.7	5.9	.64	2.5	1.0	<.05	.90	.24	1.43	.25	.75	.16	1.31	.19
9684	12	5	.7	8.0	13.8	1.3	6.4	219.0	12	21.1	1.7	1.1	.2	2.7	<5	4	23.2	8.9	3.1	6.6	.76	2.9	1.1	<.05	.96	.23	1.46	.25	.74	.14	1.26	.18
9685	15	8	.7	11.5	12.6	1.1	3.3	253.6	9	21.9	1.0	1.1	.5	2.8	<5	7	23.2	8.2	3.1	7.0	.78	2.8	1.1	<.05	.94	.25	1.45	.23	.68	.13	1.25	.17
9686	3	3	.7	10.5	14.9	1.6	9.1	223.1	22	9.5	2.8	1.4	.3	8.8	<5	4	25.3	9.7	3.0	7.1	.85	2.8	1.4	<.05	1.01	.28	1.79	.25	.74	.14	1.16	.17
9687	11	6	.6	12.6	12.0	1.1	9.8	317.6	9	17.5	5.0	1.0	.6	3.8	<5	5	23.1	8.7	2.3	5.3	.62	2.3	.9	<.05	.85	.22	1.49	.25	.74	.15	1.41	.19
9688	4	9	.5	8.6	14.3	1.6	9.0	215.8	16	8.2	2.6	1.1	.4	9.8	<5	4	27.8	9.7	2.4	5.7	.63	2.3	1.0	<.05	.96	.27	1.73	.28	.75	.15	1.31	.20
STANDARD SO-15	2013	2	22.0	2.8	16.9	27.5	33.9	65.3	18	391.2	1.8	25.1	.9	20.8	147	19	1085.9	23.9	28.2	58.8	6.18	24.3	4.7	.94	3.90	.61	3.84	.78	2.43	.35	2.51	.39

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ✓ FA ___

SAMPLE#	Ba ppm	Be ppm	Co ppm	Cs ppm	Ga ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	Th ppm	Tl ppm	U ppm	V ppm	W ppm	Zr ppm	Y ppm	La ppm	Ce ppm	Pr ppm	Nd ppm	Sm ppm	Eu ppm	Gd ppm	Tb ppm	Dy ppm	Ho ppm	Er ppm	Tm ppm	Yb ppm	Lu ppm
9689	17	11	.5	10.4	17.8	1.1	11.2	239.1	26	15.0	3.5	.5	1.0	3.8	24	8	15.6	4.2	1.0	2.2	.24	.8	.4	<.05	.42	.14	.69	.11	.35	.07	.65	.10
9690	18	6	.5	9.9	17.4	1.0	12.1	228.9	22	19.1	3.2	.9	.9	2.5	9	5	19.5	6.2	1.9	3.8	.44	1.5	.7	<.05	.65	.17	.87	.16	.50	.10	.87	.13
9691	34	9	.9	7.6	15.1	1.6	10.4	217.0	19	30.8	2.6	1.3	.8	27.6	5	63	27.2	7.3	2.2	4.8	.53	2.0	.8	.17	.70	.18	1.13	.19	.61	.11	1.04	.15
9692	24	7	.5	11.6	13.3	.8	6.5	269.8	17	30.8	1.9	2.1	1.1	17.4	<5	17	16.2	7.0	5.4	10.6	1.10	3.7	1.2	<.05	1.02	.21	1.17	.18	.61	.11	1.02	.15
9693	15	11	.5	12.7	16.7	1.9	10.6	297.0	16	21.1	2.1	1.3	1.5	28.4	<5	8	35.7	13.2	2.9	6.1	.67	2.4	1.1	<.05	1.05	.31	1.96	.33	1.05	.20	1.90	.27
9694	19	105	.5	15.7	13.1	.7	7.6	331.3	13	24.1	2.3	1.1	1.3	13.5	<5	12	12.5	6.2	2.0	4.3	.46	1.8	.6	.06	.65	.16	.94	.17	.54	.10	.89	.14
9695	9	54	.5	13.5	16.6	1.3	13.8	270.2	29	15.0	4.0	1.3	.9	8.6	<5	7	21.8	7.5	2.4	5.2	.57	2.1	.8	<.05	.78	.20	1.14	.19	.64	.12	1.09	.15
9696	31	10	1.0	14.5	15.6	.7	7.8	347.6	17	26.8	2.4	1.3	1.4	11.0	<5	5	14.2	7.7	2.1	3.7	.43	1.5	.7	.07	.74	.18	1.11	.20	.58	.12	.96	.16
9697	17	5	.5	7.3	14.7	1.4	6.3	199.1	9	21.2	1.9	3.5	.7	23.5	<5	6	28.9	13.1	4.5	9.4	1.02	3.6	1.3	.07	1.13	.30	1.91	.35	1.16	.22	1.98	.28
9698	29	9	.7	8.7	15.7	1.1	9.3	210.3	17	28.1	2.6	1.8	1.3	15.1	<5	5	19.9	9.7	2.3	5.2	.59	2.2	.9	<.05	.90	.23	1.44	.26	.88	.17	1.43	.22
9699	26	6	.5	5.9	13.9	1.6	4.9	173.8	9	26.7	1.6	2.0	.6	12.6	<5	7	35.5	12.8	4.6	9.7	1.08	3.8	1.5	.06	1.36	.36	1.96	.35	1.17	.22	2.04	.30
9700	20	5	<.5	8.6	13.9	.7	6.4	246.3	11	18.2	1.2	2.5	.8	1.9	<5	4	12.7	9.3	2.0	4.7	.56	2.0	1.0	<.05	.87	.23	1.43	.26	.88	.16	1.32	.17
RE 9700	20	4	.5	8.9	13.1	.6	6.6	254.6	12	18.4	1.2	2.5	.8	1.9	<5	4	14.5	9.8	2.0	4.5	.52	1.8	1.0	<.05	.94	.24	1.39	.28	.95	.17	1.39	.19
RRE 9700	22	5	<.5	8.2	12.8	.6	6.3	232.0	10	17.3	1.2	2.6	.7	2.0	<5	6	12.3	10.5	2.8	6.1	.68	2.4	1.0	<.05	.94	.26	1.55	.30	.98	.17	1.41	.21
9701	34	4	.7	5.8	13.7	.8	3.3	208.3	12	30.8	1.0	1.5	.6	4.8	<5	4	19.3	11.0	2.5	5.7	.61	2.2	1.0	<.05	.99	.26	1.71	.32	1.08	.20	1.73	.24
9702	25	8	1.0	6.7	13.4	1.5	3.8	222.6	11	29.8	1.3	1.2	.8	22.6	<5	15	29.4	11.6	3.3	7.0	.81	3.0	1.1	.06	1.10	.28	1.73	.30	1.01	.21	1.75	.28
9703	11	7	.7	5.9	13.5	.9	6.9	193.8	10	18.7	2.1	1.1	.6	15.4	<5	13	19.6	9.5	3.4	7.1	.77	2.6	.9	<.05	.96	.23	1.40	.24	.81	.15	1.42	.20
9704	7	14	.8	8.1	14.2	1.6	7.8	227.8	15	11.1	2.1	1.0	.8	12.3	<5	13	26.9	8.1	2.2	4.9	.56	1.9	.8	<.05	.86	.22	1.30	.19	.62	.12	1.15	.16
9705	9	10	1.0	8.8	12.5	1.0	4.8	265.2	11	13.7	1.3	1.1	.9	2.8	<5	17	20.1	8.4	2.9	6.4	.68	2.6	.9	<.05	.87	.22	1.28	.21	.71	.14	1.25	.18
9706	9	12	1.0	9.0	13.3	2.3	6.5	246.4	15	13.2	2.7	1.1	.8	34.1	<5	15	50.3	10.7	3.0	6.4	.72	2.7	1.0	<.05	1.06	.28	1.69	.27	.88	.16	1.48	.21
9707	12	6	1.0	6.9	12.7	1.1	4.8	214.4	9	15.3	1.7	.9	.7	23.4	<5	13	23.3	9.0	2.7	5.9	.66	2.3	1.0	<.05	.90	.22	1.44	.23	.79	.15	1.42	.21
9708	16	10	1.1	7.8	13.4	1.4	4.4	253.8	11	16.2	1.6	.9	.8	21.6	<5	18	27.6	8.9	2.6	5.6	.66	2.2	.9	<.05	.93	.24	1.33	.23	.77	.14	1.41	.21
9709	11	10	.7	7.5	15.7	1.3	8.2	221.7	14	13.4	1.9	.9	.6	17.9	<5	13	24.3	9.8	2.5	5.6	.64	2.3	.9	<.05	.93	.26	1.71	.25	.77	.15	1.39	.19
9710	25	11	2.3	9.6	13.3	1.7	5.1	235.7	13	13.9	1.9	1.0	.7	13.0	<5	30	29.3	7.1	2.2	5.2	.60	2.3	.9	<.05	.89	.22	1.34	.20	.55	.10	.97	.12
9711	14	4	1.0	7.4	12.7	1.0	5.1	205.3	10	16.7	2.4	.9	.6	13.1	<5	15	19.9	8.7	2.3	5.1	.55	1.9	.8	<.05	.87	.23	1.36	.25	.75	.14	1.34	.20
9712	7	9	1.0	12.1	14.0	1.7	5.1	280.0	15	9.9	2.1	1.5	.8	21.0	<5	12	33.1	10.3	3.5	7.9	.68	2.3	1.0	<.05	1.16	.27	1.73	.26	.79	.14	1.36	.20
RE 9712	5	8	.7	11.6	13.3	1.7	5.0	267.1	14	9.2	2.0	1.0	.8	20.7	<5	13	31.5	9.8	2.5	5.7	.65	2.3	1.0	<.05	.99	.25	1.70	.25	.77	.14	1.36	.19
RRE 9712	6	6	.8	10.9	13.4	1.5	5.1	259.0	14	9.5	2.2	1.3	.7	20.4	<5	13	26.8	11.4	2.7	6.0	.70	2.6	1.1	<.05	1.06	.28	1.95	.29	.88	.16	1.46	.20
9713	8	10	.8	11.2	13.2	1.3	4.5	299.3	11	11.8	2.5	1.0	.8	17.1	<5	14	23.4	9.9	2.4	5.8	.65	2.3	1.0	<.05	1.00	.28	1.53	.27	.82	.15	1.39	.21
9714	11	7	<.5	7.9	13.8	1.2	7.3	252.4	14	13.2	2.1	1.3	.5	25.8	<5	4	21.8	10.9	2.4	5.6	.66	2.3	.9	<.05	.93	.24	1.76	.29	.97	.18	1.68	.25
9715	11	5	<.5	12.1	12.9	1.0	6.5	329.5	15	13.0	3.7	1.5	.6	19.9	<5	6	19.1	9.0	2.1	4.7	.54	2.1	.8	<.05	.82	.22	1.48	.23	.75	.15	1.35	.20
9716	9	10	.5	11.8	13.8	1.6	6.9	292.8	16	11.0	2.5	.9	.6	25.1	<5	4	32.7	8.3	1.8	4.6	.50	1.8	.9	<.05	.76	.21	1.36	.21	.72	.15	1.35	.22
9717	10	4	<.5	8.0	12.5	1.2	4.4	240.8	10	14.5	1.6	1.0	.5	12.1	<5	5	26.9	9.6	2.5	5.7	.65	2.2	1.0	<.05	.94	.25	1.52	.26	.78	.17	1.45	.22
STANDARD SO-15	2035	<1	22.4	3.0	17.1	26.3	32.8	67.7	20	389.3	1.8	24.6	1.4	20.0	151	18	1097.0	24.0	31.6	60.3	6.23	24.3	4.5	.94	4.06	.60	3.75	.76	2.49	.35	2.50	.39

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ✓ FA ___

SAMPLE#	Ba ppm	Be ppm	Co ppm	Cs ppm	Ga ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	Th ppm	Tl ppm	U ppm	V ppm	W ppm	Zr ppm	Y ppm	La ppm	Ce ppm	Pr ppm	Nd ppm	Sm ppm	Eu ppm	Gd ppm	Tb ppm	Dy ppm	Ho ppm	Er ppm	Tm ppm	Yb ppm	Lu ppm
9718	4	5	<.5	6.0	12.1	1.2	4.4	166.4	10	7.7	1.7	.8	1.0	21.9	<5	4	19.6	8.3	2.3	5.3	.65	1.9	1.0	<.05	.93	.23	1.48	.25	.75	.15	1.54	.25
9719	17	3	<.5	23.4	11.2	.7	6.6	422.9	13	13.9	2.0	.8	1.9	5.7	<5	8	12.1	8.7	1.3	3.6	.41	1.6	1.0	<.05	.91	.28	1.69	.24	.63	.13	1.33	.17
9720	15	9	<.5	9.8	15.2	1.4	9.1	226.1	15	15.2	2.4	.9	1.0	21.1	<5	6	24.6	10.0	1.9	4.6	.51	1.8	.8	<.05	.72	.25	1.79	.28	.77	.14	1.53	.21
9721	38	6	<.5	6.3	15.0	1.8	9.3	220.5	15	18.1	1.9	1.0	1.0	24.4	5	9	26.7	5.2	1.7	4.3	.51	1.5	.7	<.05	.60	.15	1.04	.14	.43	.10	.92	.14
9722	18	10	.9	7.0	11.7	.7	5.6	222.8	10	18.1	2.1	.7	1.3	12.9	<5	5	12.4	4.7	1.8	4.2	.49	1.5	.7	<.05	.48	.13	.86	.12	.41	.09	.90	.12
9723	16	7	.7	6.2	14.3	1.1	4.0	199.8	12	14.5	1.3	1.3	1.9	28.9	<5	9	23.4	7.8	3.0	6.2	.72	2.2	1.0	<.05	.72	.23	1.35	.21	.61	.15	1.35	.22
9724	22	6	<.5	6.0	14.3	1.7	4.1	199.1	11	17.5	1.4	1.9	1.4	38.1	<5	6	31.0	22.7	2.5	6.3	.74	2.5	1.4	<.05	1.34	.48	3.53	.64	1.96	.42	4.26	.65
9725	23	8	<.5	10.0	12.4	1.5	6.4	286.5	13	21.0	1.2	.8	2.0	15.5	<5	7	29.1	8.2	1.7	4.0	.46	1.6	.7	<.05	.64	.20	1.49	.22	.62	.12	1.26	.18
9726	28	7	<.5	11.1	11.5	1.1	2.1	308.4	10	23.8	.6	.8	1.3	17.2	<5	5	19.4	7.2	1.5	3.8	.40	1.4	.7	<.05	.61	.19	1.19	.18	.54	.12	1.24	.18
RE 9726	26	11	.5	11.0	11.4	.9	2.0	313.7	9	23.9	.6	.7	1.4	19.1	<5	4	17.2	6.8	1.3	3.2	.38	1.4	.6	<.05	.57	.16	1.21	.17	.52	.11	1.17	.17
RRE 9726	30	8	.5	11.0	11.4	1.0	1.9	305.4	10	25.0	.6	.8	1.4	16.0	<5	7	16.5	6.4	1.4	3.3	.39	1.4	.6	<.05	.54	.16	1.15	.18	.50	.11	1.09	.16
9727	25	11	1.2	9.2	15.9	2.2	5.8	156.8	11	23.0	2.6	1.5	.6	31.0	<5	5	42.2	11.9	3.5	8.8	1.08	3.5	1.7	<.05	1.24	.34	2.24	.33	.91	.17	1.80	.26
9728	104	6	50.7	16.0	16.4	2.1	7.6	186.5	21	87.9	2.0	3.0	.9	2.9	216	16	65.0	17.5	9.3	22.1	2.81	12.1	2.8	.95	3.03	.51	3.36	.65	1.80	.25	1.69	.25
9729	109	5	53.0	16.6	19.4	3.0	5.6	140.1	20	85.9	.5	3.2	.7	1.3	258	3	91.3	15.8	11.9	27.0	3.28	13.3	3.1	.94	2.92	.48	3.08	.61	1.71	.23	1.60	.24
STANDARD SO-15	2098	2	21.7	2.7	17.0	26.7	30.9	63.0	19	394.7	1.8	24.4	1.3	20.4	145	20	1065.0	22.8	29.6	61.1	6.24	24.3	4.4	1.08	4.00	.61	3.90	.78	2.46	.34	2.50	.41

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Chapleau Resources Ltd. File # A004734 Page 1 (b)

104 - 135 - 10th Ave S., Cranbrook BC V1C 2N1 Submitted by: D.L. Pighin

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	As ppm	Cd ppm	Sb ppm	Bi ppm
9603	3	13	18	13	2	3	<.2	<.5	1.1
9604	3	10	37	14	2	3	<.2	<.5	2.1
9605	3	6	83	15	2	35	<.2	<.5	2.6
9606	4	10	90	18	3	57	.2	<.5	1.3
9607	3	4	23	8	2	8	<.2	<.5	1.2
9608	5	4	51	10	3	12	<.2	<.5	1.2
9609	2	2	34	6	1	6	<.2	<.5	.7
9610	3	2	30	6	2	6	<.2	<.5	<.5
9611	2	2	33	16	1	15	.2	<.5	<.5
9612	4	2	17	7	2	17	<.2	<.5	<.5
RE 9612	4	2	18	6	2	18	<.2	<.5	<.5
RRE 9612	2	2	19	7	2	20	<.2	<.5	<.5
9613	4	2	9	5	2	4	<.2	<.5	<.5
9614	3	4	10	4	2	6	<.2	<.5	<.5
9615	4	8	31	26	2	28	<.2	.7	.5
9616	2	5	25	6	1	12	<.2	<.5	<.5
9617	3	3	29	6	1	14	<.2	<.5	<.5
9618	3	3	21	7	2	16	<.2	<.5	<.5
9619	3	5	27	21	2	25	<.2	<.5	<.5
9620	2	4	98	25	1	8	<.2	<.5	<.5
9621	4	3	4	26	2	<2	<.2	.9	1.4
9622	2	3	16	15	1	9	<.2	<.5	<.5
9623	3	2	17	5	2	5	<.2	<.5	<.5
9624	2	3	11	22	1	19	.2	<.5	<.5
RE 9624	2	3	11	22	1	19	.2	.5	<.5
RRE 9624	3	3	10	17	2	18	.2	<.5	<.5
9625	3	10	114	127	1	631	1.5	<.5	<.5
9626	5	5	52	9	3	225	.2	<.5	<.5
9627	2	2	21	4	1	51	<.2	<.5	<.5
9628	3	4	83	9	2	48	.2	<.5	<.5
9629	2	3	28	5	2	49	<.2	.5	<.5
9630	2	3	36	5	1	33	<.2	<.5	<.5
STANDARD C3	28	67	36	170	36	58	24.4	14.8	24.2
STANDARD G-2	1	3	3	42	7	<2	<.2	<.5	<.5

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: CORE R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 23 2000 **DATE REPORT MAILED:** Dec 8/00 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data / FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	As ppm	Cd ppm	Sb ppm	Bi ppm
9631	2	4	35	5	1	28	.2	<.5	<.5
9632	2	3	24	3	1	4	<.2	<.5	<.5
9633	2	3	10	6	1	6	<.2	.5	<.5
9634	2	2	59	25	1	9	.5	<.5	<.5
9635	1	2	47	32	1	3	2.0	<.5	<.5
9636	3	22	1152	56	2	198	.7	.8	<.5
9637	1	3	47	24	1	17	.3	.5	<.5
9638	3	2	13	18	2	5	.3	<.5	<.5
9639	2	1	13	15	1	5	.3	<.5	<.5
9640	3	3	11	27	2	2	.3	<.5	<.5
RE 9640	3	3	11	27	2	<2	.3	<.5	<.5
RRE 9640	2	3	12	30	1	2	.4	<.5	<.5
9641	3	2	13	16	2	<2	.2	<.5	<.5
9642	2	1	229	12	1	9	.2	<.5	<.5
9643	3	2	100	28	2	6	.2	<.5	<.5
9644	2	1	7	22	1	4	.3	<.5	<.5
9645	3	2	8	20	2	5	.3	<.5	<.5
9646	2	1	5	13	1	6	.2	<.5	<.5
9647	3	11	13	43	2	17	.3	1.6	<.5
9648	2	3	16	12	1	52	.4	<.5	<.5
9649	3	1	<3	10	2	9	<.2	<.5	<.5
9650	2	1	5	5	1	4	<.2	<.5	<.5
9651	3	1	10	4	2	6	<.2	<.5	<.5
9652	2	1	5	6	1	3	<.2	<.5	<.5
RE 9652	2	1	5	7	1	3	<.2	<.5	<.5
RRE 9652	3	1	5	4	2	3	<.2	<.5	<.5
9653	2	1	4	3	1	<2	<.2	<.5	<.5
9654	3	1	4	6	2	<2	.2	<.5	<.5
9655	3	1	4	3	2	16	<.2	<.5	<.5
9656	2	1	10	7	1	2	<.2	<.5	<.5
9657	3	4	14	15	2	3	<.2	<.5	1.2
9658	2	3	5	2	1	<2	<.2	<.5	<.5
9659	3	1	19	3	2	6	<.2	<.5	<.5
STANDARD C3	27	67	35	167	36	57	24.4	15.2	22.9
STANDARD G-2	2	3	3	42	7	<2	.2	<.5	<.5

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data /- FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	As ppm	Cd ppm	Sb ppm	Bi ppm
9660	3	2	17	16	2	22	.3	<.5	.8
9661	3	3	25	13	2	66	.3	<.5	<.5
9662	2	6	213	61	1	196	1.2	<.5	<.5
9663	3	4	10	6	2	29	.2	<.5	<.5
9664	2	2	6	4	2	<2	<.2	<.5	<.5
9665	3	2	5	4	2	<2	<.2	<.5	<.5
9666	2	1	4	3	1	3	<.2	<.5	<.5
9667	3	2	6	8	2	10	<.2	<.5	<.5
9668	2	1	22	11	1	8	<.2	<.5	.7
9669	3	5	214	88	3	162	.9	<.5	<.5
9670	2	10	176	72	2	538	.8	.6	<.5
RE 9670	2	9	175	73	2	528	.8	.6	<.5
RRE 9670	3	10	172	74	3	512	.8	.9	<.5
9671	2	3	195	58	2	79	.4	<.5	.5
9672	4	2	44	17	2	124	.3	<.5	1.1
9673	2	1	14	14	1	27	.2	<.5	<.5
9674	4	8	12	37	5	89	.3	.7	<.5
9675	3	2	53	28	2	38	.2	<.5	<.5
9676	3	3	5	15	4	21	<.2	.5	<.5
9677	2	7	4	23	6	167	.2	<.5	<.5
9678	4	3	5	9	3	57	<.2	<.5	<.5
9679	2	2	9	4	1	20	<.2	<.5	<.5
9680	4	5	6	2	2	22	<.2	<.5	<.5
9681	2	2	8	2	1	31	<.2	<.5	.5
9682	3	2	6	1	2	15	<.2	<.5	.7
RE 9682	3	2	6	1	2	13	<.2	<.5	1.2
RRE 9682	2	1	6	2	1	9	<.2	.5	.6
9683	3	2	16	15	2	21	.2	<.5	<.5
9684	2	2	29	49	2	44	.4	<.5	.6
9685	3	4	16	44	3	27	.3	.5	.7
9686	2	3	6	19	2	32	.2	<.5	<.5
9687	3	2	10	12	2	38	<.2	<.5	<.5
9688	2	2	5	2	2	26	<.2	<.5	<.5
STANDARD C3	27	67	36	172	36	56	24.1	14.8	22.9
STANDARD G-2	2	3	3	46	7	<2	.3	<.5	<.5

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data /- FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	As ppm	Cd ppm	Sb ppm	Bi ppm
9689	3	3	4	2	2	25	<.2	<.5	<.5
9690	2	2	6	7	1	34	<.2	<.5	<.5
9691	4	6	29	46	2	168	.8	<.5	<.5
9692	2	4	32	7	1	177	.2	<.5	.8
9693	3	5	11	3	2	177	<.2	<.5	<.5
9694	2	5	12	13	1	118	<.2	.5	<.5
9695	3	4	7	11	2	64	<.2	.5	<.5
9696	2	5	33	20	1	143	.3	<.5	<.5
9697	3	11	9	4	2	97	<.2	<.5	<.5
9698	2	9	7	2	1	61	<.2	.5	<.5
9699	3	6	7	2	2	34	<.2	<.5	<.5
9700	2	3	9	3	1	19	<.2	<.5	.9
RE 9700	2	3	9	3	1	19	<.2	<.5	.8
RRE 9700	3	4	9	3	2	20	<.2	<.5	.9
9701	2	3	6	6	1	17	<.2	<.5	<.5
9702	3	3	6	2	2	21	<.2	<.5	<.5
9703	2	2	6	1	1	8	<.2	<.5	<.5
9704	3	3	4	1	2	4	<.2	<.5	<.5
9705	2	1	5	1	1	75	<.2	<.5	<.5
9706	3	2	6	1	2	8	<.2	<.5	<.5
9707	2	2	7	1	1	45	<.2	<.5	<.5
9708	3	2	6	1	2	2	<.2	<.5	<.5
9709	2	2	5	1	1	<2	<.2	<.5	<.5
9710	3	4	6	6	2	25	<.2	<.5	<.5
9711	2	4	12	3	1	16	<.2	<.5	<.5
9712	3	2	4	1	2	9	<.2	<.5	<.5
RE 9712	3	2	4	1	2	10	<.2	<.5	<.5
RRE 9712	2	3	5	2	2	8	<.2	<.5	<.5
9713	3	1	4	1	2	<2	<.2	<.5	<.5
9714	2	4	12	1	1	<2	<.2	<.5	<.5
9715	3	2	5	2	1	3	<.2	<.5	<.5
9716	2	2	5	3	1	15	<.2	<.5	<.5
9717	3	2	5	2	1	7	<.2	<.5	<.5
STANDARD C3	27	67	35	168	38	57	24.9	14.7	23.3
STANDARD G-2	2	3	<3	44	7	<2	.2	<.5	<.5

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data / FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	As ppm	Cd ppm	Sb ppm	Bi ppm
9718	2	1	5	1	2	2	<.2	<.5	.6
9719	3	2	4	2	2	6	<.2	<.5	<.5
9720	2	5	9	3	1	2	<.2	<.5	<.5
9721	3	7	40	12	2	<2	<.2	<.5	<.5
9722	2	3	34	31	1	19	<.2	.5	<.5
9723	3	4	18	9	2	7	<.2	<.5	<.5
9724	2	8	11	7	1	4	<.2	<.5	<.5
9725	3	3	13	26	1	16	<.2	<.5	<.5
9726	2	4	14	13	1	34	<.2	<.5	<.5
RE 9726	2	4	13	12	1	40	<.2	<.5	<.5
RRE 9726	3	5	14	13	2	52	<.2	<.5	<.5
9727	2	4	9	5	2	40	<.2	<.5	<.5
9728	1	6	5	41	34	52	.2	1.3	<.5
9729	<1	1	<3	77	50	33	.4	<.5	<.5
STANDARD C3	27	66	35	166	35	55	25.2	18.4	22.2
STANDARD G-2	5	7	21	54	9	4	.2	<.5	.5

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data A FA

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Chapleau Resources Ltd. File # A004411 Page 1 (a)

104 - 135 - 10th Ave S., Cranbrook BC V1C 2N1 Submitted by: D.L. Pighin

SAMPLE#	Ba ppm	Co ppm	Cs ppm	Ga ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	Th ppm	Tl ppm	U ppm	V ppm	W ppm	Zr ppm	Y ppm	La ppm	Ce ppm	Pr ppm	Nd ppm	Sm ppm	Eu ppm	Gd ppm	Tb ppm	Dy ppm	Ho ppm	Er ppm	Tm ppm	Yb ppm	Lu ppm	Be ppm
9316 HL00-B	28	.8	27.6	8.8	<.5	7.4	484.5	17	15.3	2.4	<.1	1.7	.6	6	5	4.7	<.1	<.5	<.5	.02	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01	1
9317	5	.7	13.2	11.1	<.5	20.3	175.7	41	2.3	6.5	.1	.7	.3	<5	15	2.4	<.1	<.5	<.5	<.02	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01	2
9318	20	.7	26.9	12.1	<.5	15.5	393.4	30	9.9	4.8	.3	1.5	.8	<5	5	3.2	<.1	<.5	<.5	<.02	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01	3
9319	31	.7	28.0	12.1	<.5	12.4	523.5	27	16.5	3.9	.2	1.8	1.1	<5	11	2.3	<.1	<.5	<.5	<.02	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01	1
9320	6	.5	10.3	10.1	<.5	32.3	161.2	34	2.9	23.7	.7	.8	1.3	<5	4	1.3	<.1	<.5	<.5	<.02	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01	4
9321	74	<.5	51.1	12.7	<.5	3.0	983.9	15	32.0	1.6	1.0	2.8	1.2	<5	4	.9	.2	<.5	<.5	<.02	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01	6
9322	25	<.5	16.3	7.6	<.5	7.4	343.5	12	11.3	5.0	3.7	1.9	1.6	<5	2	2.8	.1	<.5	<.5	<.02	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	.05	<.01	5
9323	9	1.7	35.5	19.8	1.0	41.3	423.0	67	4.3	13.2	8.5	1.9	1.7	<5	15	14.4	.2	<.5	<.5	.02	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	.02	7
9324	16	.7	24.0	28.6	<.5	67.4	376.1	56	18.0	29.1	.5	1.4	5.3	<5	6	2.4	.6	<.5	.7	.09	<.4	.1	<.05	.13	.03	.10	<.05	<.05	<.05	.06	.01	65
9325	27	.7	53.1	13.5	1.2	7.7	684.1	20	22.4	6.4	.6	2.4	5.7	<5	5	19.1	1.0	.6	1.3	.14	.6	.3	<.05	.14	.04	.17	<.05	.07	<.05	.15	.02	23
9326	14	.7	38.3	14.3	4.2	9.1	360.1	27	11.6	7.0	2.2	1.2	23.7	<5	3	63.4	5.8	2.3	5.8	.69	2.5	.9	<.05	.62	.15	.90	.16	.48	.11	1.16	.19	17
RE 9326	13	.8	40.0	14.6	4.4	8.8	377.9	30	12.5	3.4	2.3	1.3	24.7	<5	3	70.7	5.9	2.6	6.0	.74	2.4	1.0	<.05	.69	.16	.97	.16	.50	.11	1.17	.17	27
RRE 9326	13	.6	38.6	13.4	4.7	8.3	346.5	28	11.1	3.3	2.0	1.1	24.6	<5	9	71.1	6.3	2.2	5.3	.60	2.3	.8	<.05	.66	.18	.98	.16	.53	.12	1.27	.20	23
9327	11	.7	37.7	22.3	1.8	20.2	406.6	53	11.6	8.4	.7	1.1	16.7	<5	4	23.6	4.5	.8	2.0	.26	.8	.4	<.05	.41	.13	.75	.11	.31	.06	.46	.07	20
9328	12	.5	31.1	17.4	.8	11.6	286.7	26	14.8	7.3	.6	.9	6.8	<5	8	9.7	4.0	.8	2.1	.28	.9	.5	<.05	.43	.12	.67	.09	.25	<.05	.43	.05	116
9329	9	.6	20.1	22.2	.5	68.6	219.4	46	14.9	38.0	1.3	.6	13.3	<5	4	6.4	1.1	.6	1.3	.15	.5	.3	<.05	.17	.04	.15	<.05	.07	<.05	.13	.02	144
9330	5	.7	13.4	21.2	1.4	28.6	129.9	33	12.0	13.0	1.5	.4	19.1	<5	9	21.0	2.3	1.2	2.6	.29	.9	.5	<.05	.34	.07	.37	.05	.16	<.05	.27	.04	37
9331	11	.6	13.5	28.1	<.5	45.3	211.1	55	14.5	18.4	.4	.6	12.8	<5	5	5.4	.5	<.5	.6	.06	<.4	.1	<.05	.09	.02	.09	<.05	<.05	<.05	.06	<.01	82
9332	12	.7	13.0	36.1	<.5	54.3	366.4	61	15.8	8.9	.3	.9	15.3	<5	12	2.1	.3	<.5	.5	.06	<.4	<.1	<.05	.09	.01	.05	<.05	<.05	<.05	<.05	<.01	66
9333	11	.9	32.3	52.9	<.5	117.8	670.2	143	6.5	17.7	<.1	1.6	2.4	<5	13	4.0	.3	<.5	<.5	.03	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01	13
9334	11	<.5	117.3	72.2	.9	170.1	1247.7	352	5.4	41.3	.8	3.0	4.0	<5	15	8.9	.5	.9	1.1	.09	<.4	.2	<.05	.06	.02	.10	<.05	<.05	<.05	<.05	<.01	13
9335	21	.5	32.2	12.9	<.5	26.9	479.9	30	14.0	22.9	.1	1.3	2.0	<5	2	2.1	<.1	<.5	<.5	<.02	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01	4
9336	26	.5	57.8	36.5	<.5	83.2	914.2	127	12.3	16.8	.9	2.1	2.1	<5	11	2.1	<.1	<.5	<.5	<.02	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01	7
9337	11	.7	29.8	25.8	<.5	38.9	370.9	83	12.5	12.9	.4	.8	4.9	<5	5	2.3	.4	<.5	.6	.09	<.4	.1	<.05	.11	.02	.10	<.05	<.05	<.05	<.05	<.01	8
9338	7	.7	10.6	18.9	2.1	5.4	102.9	26	13.2	4.8	1.5	.3	12.3	<5	7	33.4	2.8	1.8	4.4	.55	1.7	1.0	<.05	.56	.12	.55	.07	.22	<.05	.52	.09	11
RE 9338	6	.8	10.8	18.4	2.3	5.3	103.8	26	13.2	5.2	1.3	.2	13.1	<5	7	34.8	2.9	1.7	4.1	.47	1.8	.8	<.05	.60	.12	.47	.06	.21	<.05	.52	.08	12
RRE 9338	7	.6	10.6	19.0	2.2	5.5	104.0	24	13.1	5.1	1.0	.2	12.8	<5	2	34.7	3.0	1.7	4.0	.48	1.8	1.0	<.05	.61	.10	.55	.07	.23	<.05	.51	.08	11
9339	16	.6	43.1	15.0	<.5	6.6	564.6	22	15.3	1.8	.1	1.5	3.4	<5	7	8.3	.6	<.5	.6	.08	<.4	.1	<.05	.12	.03	.15	<.05	<.05	<.05	.07	<.01	9
9340	24	.7	32.2	22.9	<.5	24.2	558.7	48	18.4	6.0	.3	1.5	6.3	<5	4	5.1	1.8	1.3	3.1	.39	1.1	.7	<.05	.49	.11	.42	<.05	.08	<.05	.08	.01	10
9341	4	.6	22.7	26.5	.5	199.6	360.9	88	3.5	149.0	.3	.7	5.2	<5	15	8.3	7.6	3.3	8.4	1.03	3.4	1.9	<.05	1.39	.39	1.47	.15	.32	<.05	.37	.04	9
9342	19	.6	36.2	10.4	.8	5.4	502.4	24	14.1	3.6	<.1	1.4	1.4	<5	3	8.8	<.1	<.5	<.5	.02	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01	22
9343 HL00-B	52	<.5	67.0	13.1	<.5	1.9	846.7	11	33.2	1.4	<.1	2.3	1.1	<5	4	8.1	.1	<.5	<.5	.04	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01	13
STANDARD SO-15	2054	22.7	3.1	18.0	28.3	32.6	69.6	19	402.8	1.9	25.1	2.2	20.7	151	23	1095.1	24.6	29.4	59.1	6.38	24.7	4.8	1.05	4.05	.62	3.85	.79	2.52	.36	2.51	.42	1

GROUP 4B - REE - LiBO2 FUSION, ICP/MS FINISHED.
- SAMPLE TYPE: CORE R150 60C
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 31 2000 DATE REPORT MAILED: Nov 15/00 SIGNED BY. C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data / FA

ACME ANALYTICAL

Chapleau Resources Ltd. FILE # A004411

ACME ANALYTICAL

SAMPLE#	Ba ppm	Co ppm	Cs ppm	Ga ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	Th ppm	Tl ppm	U ppm	V ppm	W ppm	Zr ppm	Y ppm	La ppm	Ce ppm	Pr ppm	Nd ppm	Sm ppm	Eu ppm	Gd ppm	Tb ppm	Dy ppm	Ho ppm	Er ppm	Tm ppm	Yb ppm	Lu ppm	Be ppm
9344 HL00-8	41	.8	51.4	9.8	<.5	2.0	690.0	10	30.2	1.4	.1	2.9	1.7	8	2	5.4	.2	<.5	<.5	.07	<.4	<.1	<.05	<.05	<.01	.07	<.05	<.05	<.05	<.05	<.01	7
9345	8	.6	13.6	11.5	<.5	6.3	177.8	15	12.2	3.0	.3	.9	3.2	5	8	5.6	1.3	.7	1.3	.18	.5	.3	<.05	.24	.06	.34	<.05	.09	<.05	.12	.02	15
9346	2	.7	5.0	15.4	.7	6.8	71.5	15	9.2	3.2	.8	.6	6.0	<5	2	11.7	1.4	1.0	2.2	.28	1.0	.4	<.05	.37	.08	.37	<.05	.13	<.05	.21	.03	21
9347	5	.8	7.3	14.5	2.2	3.2	98.8	12	7.6	.7	1.9	.6	20.6	<5	9	39.1	3.1	2.3	5.3	.71	2.1	1.1	<.05	.74	.14	.80	.10	.26	.05	.51	.08	15
9348	5	.5	15.7	13.8	1.3	22.6	238.6	18	6.0	13.9	.5	1.2	8.7	<5	3	17.6	1.6	.6	1.2	.17	.5	.3	<.05	.26	.07	.39	<.05	.14	<.05	.26	.04	21
9349	3	.6	4.2	14.7	2.0	40.3	78.6	12	5.8	21.3	.7	.7	19.1	<5	7	30.1	3.9	1.1	2.3	.30	.9	.5	<.05	.45	.13	.88	.11	.30	.06	.60	.08	62
9350	5	1.0	10.6	15.4	1.0	4.2	181.7	11	8.4	.9	.4	.8	6.9	<5	2	16.7	2.1	.8	1.7	.24	.8	.4	<.05	.34	.09	.50	.05	.19	<.05	.37	.05	12
9351	7	.7	20.4	16.8	1.0	12.9	407.9	29	5.1	2.5	.7	1.6	9.5	<5	7	14.7	1.5	1.2	2.3	.30	.8	.6	<.05	.32	.07	.36	.05	.12	<.05	.23	.04	9
9352	5	.7	18.1	18.4	.8	22.7	362.4	39	4.5	10.4	.4	1.2	5.0	<5	4	10.0	1.2	<.5	.6	.10	<.4	.2	<.05	.12	.04	.27	<.05	.10	<.05	.22	.03	17
9353	3	<.5	5.3	16.0	1.0	10.6	128.2	12	2.3	4.8	.5	.8	15.1	<5	6	14.6	1.7	.8	1.8	.27	.9	.4	<.05	.36	.07	.40	.06	.18	<.05	.33	.05	9
9354	6	.7	31.8	18.3	.6	52.3	571.7	47	3.1	14.0	.1	1.5	6.2	<5	3	6.8	.3	<.5	<.5	.06	<.4	.1	<.05	.09	.02	.11	<.05	<.05	<.05	.07	<.01	132
RE 9354	5	.7	33.0	18.4	.6	43.1	583.3	47	3.6	12.9	.1	1.6	6.5	<5	3	6.7	.3	<.5	<.5	.08	<.4	.1	<.05	.08	.02	.09	<.05	<.05	<.05	.06	.01	123
RRE 9354	5	.7	32.7	18.0	1.7	132.1	609.4	46	14.9	36.8	.2	1.9	7.0	<5	8	16.3	.4	<.5	.5	.09	<.4	.1	<.05	.08	.02	.10	<.05	<.05	<.05	.07	<.01	98
9355	15	1.1	34.8	19.8	<.5	30.8	569.1	52	13.2	12.5	.1	1.6	6.0	<5	4	2.8	1.0	.7	1.3	.21	.7	.3	<.05	.27	.05	.31	<.05	.10	<.05	.11	.01	50
9356	6	.9	8.2	19.0	2.3	14.0	164.7	26	8.1	2.2	1.0	.5	9.1	<5	8	32.6	5.4	2.3	4.9	.73	2.6	1.0	<.05	.89	.21	1.29	.17	.41	.07	.63	.08	25
9357	3	1.3	16.9	24.9	1.5	34.2	263.9	54	2.4	10.9	.7	.8	10.5	<5	17	19.5	2.4	1.1	2.9	.38	1.3	.7	<.05	.59	.11	.61	.07	.17	<.05	.31	.04	67
9358	7	.5	33.3	14.6	1.2	16.4	481.7	39	3.3	9.7	.6	1.5	6.7	<5	7	17.8	.6	.8	1.7	.24	.7	.3	<.05	.27	.04	.20	<.05	.05	<.05	.12	.02	81
9359	4	.6	13.6	15.4	1.5	8.0	229.3	19	3.1	1.9	.4	.9	4.3	<5	2	25.2	1.0	1.0	2.2	.27	.8	.4	<.05	.31	.05	.26	<.05	.11	<.05	.25	.03	14
9360	6	.6	29.4	17.6	.9	15.6	454.3	33	3.9	4.1	.7	1.3	8.0	<5	7	13.6	1.5	1.2	2.7	.35	1.2	.5	<.05	.40	.07	.37	<.05	.13	<.05	.20	.02	24
9361	5	.7	45.0	14.2	1.1	12.7	647.9	26	3.6	6.3	.4	1.9	11.8	<5	2	15.2	1.4	<.5	.7	.11	<.4	.1	<.05	.16	.04	.33	<.05	.13	<.05	.24	.04	103
9362	5	.8	34.6	19.2	1.1	22.5	398.3	39	4.5	5.9	.4	1.1	6.7	<5	7	13.3	2.3	.7	1.6	.22	.6	.4	<.05	.34	.09	.60	.07	.18	<.05	.32	.03	64
9363	8	.7	52.4	21.3	<.5	24.3	522.5	53	5.9	3.3	.2	1.5	6.8	<5	4	7.4	1.0	<.5	.7	.10	<.4	.2	<.05	.17	.04	.27	<.05	.07	<.05	.12	.01	4
9364	4	.6	71.8	20.9	1.2	45.2	546.9	82	3.9	45.8	.6	1.4	10.9	<5	9	16.1	1.0	.5	1.0	.14	.5	.3	<.05	.20	.05	.26	<.05	.10	<.05	.16	.02	81
9365	3	.9	42.2	19.7	1.1	59.3	212.7	44	4.6	29.4	.7	.6	16.9	<5	9	12.7	2.1	.7	1.5	.20	.6	.4	<.05	.35	.08	.56	.06	.16	<.05	.25	.03	794
9366	7	.8	30.6	24.4	2.8	25.0	346.9	47	5.6	4.7	1.3	.9	22.0	<5	9	41.5	6.4	2.1	4.8	.61	2.1	1.0	<.05	.86	.25	1.62	.17	.49	.09	.83	.11	46
RE 9366	7	.7	29.3	22.9	2.2	25.4	331.0	42	5.8	4.6	1.1	.6	21.1	<5	9	33.0	6.3	1.7	3.7	.47	1.6	.7	<.05	.81	.23	1.51	.20	.46	.08	.81	.11	40
RRE 9366	6	.9	29.7	22.8	1.9	23.2	324.6	41	5.4	4.5	1.2	.5	16.5	<5	5	29.5	5.7	1.9	4.4	.60	2.0	.8	<.05	.82	.22	1.46	.18	.43	.07	.75	.10	48
9367	9	.7	64.9	13.1	.8	6.7	579.9	20	4.4	1.7	.3	1.6	5.1	<5	6	10.2	1.3	.6	1.3	.20	.6	.4	<.05	.27	.05	.34	<.05	.10	<.05	.15	.01	7
9368	5	.8	44.7	16.9	.9	14.4	451.9	29	3.8	4.0	.7	1.2	13.2	<5	8	12.6	4.3	3.0	6.6	.81	2.4	1.4	<.05	1.14	.26	1.19	.11	.26	<.05	.42	.06	9
9369	5	.8	38.6	17.9	1.6	12.1	427.8	33	4.8	2.9	.4	1.3	8.7	<5	12	22.7	3.6	1.1	2.3	.34	1.1	.6	<.05	.54	.15	.90	.11	.29	<.05	.45	.06	5
9370	7	.7	34.1	14.5	.7	8.1	486.7	25	5.7	1.4	.1	1.1	5.4	5	2	12.7	1.7	<.5	.8	.11	.5	.2	<.05	.18	.05	.40	.05	.16	<.05	.28	.04	8
9371	7	.9	38.8	16.4	<.5	12.6	397.8	32	5.7	2.3	.1	1.3	3.6	<5	12	4.8	1.3	1.0	2.1	.28	1.0	.6	<.05	.47	.09	.48	<.05	.10	<.05	.14	.01	1599
9372 HL-00 8	4	1.0	27.8	14.1	<.5	8.4	393.0	24	2.5	1.7	.2	1.2	2.5	<5	11	3.7	.8	<.5	.5	.08	<.4	.1	<.05	.12	.03	.21	<.05	.06	<.05	.08	<.01	4
STANDARD SO-15	2012	20.7	2.8	15.7	26.0	32.8	62.9	17	386.0	1.4	23.8	1.2	19.8	154	19	1012.4	19.7	27.1	55.8	6.04	22.8	4.6	.98	4.06	.56	3.81	.81	2.44	.35	2.63	.43	2

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ✓ FA ___

SAMPLE#	Ba ppm	Co ppm	Cs ppm	Ga ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	Th ppm	Tl ppm	U ppm	V ppm	W ppm	Zr ppm	Y ppm	La ppm	Ce ppm	Pr ppm	Nd ppm	Sm ppm	Eu ppm	Gd ppm	Tb ppm	Dy ppm	Ho ppm	Er ppm	Tm ppm	Yb ppm	Lu ppm	Be ppm
9373 HL00-8	9	.5	42.8	14.2	<.5	14.6	450.7	43	5.3	3.1	.2	1.8	5.8	6	2	4.7	2.7	1.0	2.0	.26	.8	.3	<.05	.38	.13	.66	.07	.15	<.05	.22	.03	3
9374	3	<.5	10.5	12.6	.7	8.9	138.5	21	4.4	1.4	.4	.7	6.1	<5	6	9.6	1.2	.9	1.7	.26	.9	.4	<.05	.35	.09	.34	<.05	.09	<.05	.11	.01	9
9375	3	1.5	18.9	16.2	.6	16.9	236.1	34	4.0	2.9	.3	.9	10.9	<5	2	8.9	1.1	.5	1.1	.16	.6	.3	<.05	.20	.06	.29	<.05	.07	<.05	.14	.02	8
9376	2	<.5	8.9	13.1	<.5	7.8	107.9	21	4.0	1.5	.1	.4	3.8	<5	5	7.8	1.0	<.5	.7	.12	<.4	.2	<.05	.16	.05	.27	<.05	.06	<.05	.10	.01	6
9377	14	.7	42.5	14.5	.7	12.9	453.2	36	8.0	2.5	.3	1.7	4.8	<5	2	7.5	1.5	1.2	2.2	.27	.8	.4	<.05	.35	.09	.39	<.05	.09	<.05	.12	.01	2
9378	28	.5	15.9	11.1	.5	4.5	270.9	30	7.3	1.0	.1	1.3	6.7	<5	8	8.1	3.6	.6	.8	.17	.6	.3	.14	.35	.12	.68	.09	.22	<.05	.24	.03	7
9379	30	.6	24.4	14.7	.7	11.2	372.9	35	7.3	1.4	.3	1.4	4.9	<5	4	8.7	2.0	.5	.8	.16	.6	.4	.16	.27	.08	.44	.05	.14	<.05	.18	.02	3
9380	7	.5	31.8	11.0	.6	10.6	463.0	20	6.1	2.6	.2	2.1	4.7	<5	5	9.0	1.1	<.5	.7	.11	.4	.2	<.05	.13	.05	.25	<.05	.07	<.05	.11	.01	281
9381	3	.6	10.9	13.0	1.0	10.4	179.4	21	4.8	1.8	.3	1.3	2.9	<5	2	12.8	2.7	1.3	2.4	.31	1.0	.6	<.05	.45	.13	.60	.08	.15	<.05	.26	.03	10
9382	3	<.5	21.2	12.2	1.4	9.4	402.6	24	2.2	1.0	.2	1.5	2.6	<5	5	16.6	1.1	<.5	.7	.10	<.4	.1	<.05	.13	.04	.26	<.05	.09	<.05	.14	.02	4
RE 9382	4	.5	22.3	13.0	.6	9.8	421.9	25	2.5	1.0	.1	2.3	2.6	<5	6	8.8	1.2	<.5	.7	.12	<.4	.1	<.05	.15	.05	.27	<.05	.09	<.05	.14	.02	8
RRE 9382	3	.5	21.9	13.0	1.0	8.9	413.4	21	3.2	1.0	.1	1.7	2.3	<5	2	11.9	1.1	<.5	.7	.11	<.4	.2	<.05	.15	.06	.25	<.05	.09	<.05	.12	.01	1
9383	3	<.5	29.9	12.3	.8	7.6	420.8	20	2.9	.8	.1	1.3	1.5	<5	6	13.6	.6	.5	.9	.12	<.4	.2	<.05	.16	.04	.22	<.05	<.05	<.05	.11	.01	9
9384	4	.6	32.8	12.4	3.3	4.0	469.5	21	3.6	1.6	.8	1.5	8.0	<5	1	57.0	7.1	1.0	2.1	.27	1.0	.5	<.05	.46	.17	1.27	.22	.73	.19	1.77	.25	6
9385	6	.6	48.6	10.8	1.1	8.8	644.9	27	5.5	3.8	.5	2.1	15.7	<5	5	16.9	4.9	1.1	2.4	.35	1.1	.5	<.05	.52	.14	.94	.15	.44	.10	.91	.13	10
9386	5	.7	6.9	13.6	2.7	6.1	129.9	11	4.3	.9	1.4	.5	26.2	<5	2	39.8	7.4	2.4	5.9	.77	2.8	1.1	<.05	.85	.23	1.36	.23	.72	.17	1.52	.22	2
9387	9	.7	9.9	13.0	3.0	8.0	194.4	13	9.0	3.9	.8	.7	29.4	<5	7	47.2	8.9	1.4	3.1	.42	1.4	.7	<.05	.57	.20	1.53	.24	.87	.19	1.71	.24	19
9388	2	.8	5.5	13.9	4.2	4.6	101.6	14	3.5	.6	2.1	.4	6.7	<5	2	69.0	18.3	3.3	8.0	1.03	3.3	1.4	<.05	1.33	.44	3.22	.59	1.82	.41	3.89	.55	11
9389	5	1.3	9.8	17.1	2.0	10.6	234.3	19	6.2	1.1	.9	.8	4.1	<5	12	37.1	6.3	1.6	3.5	.45	1.5	.6	<.05	.57	.16	1.16	.18	.65	.15	1.41	.20	11
9390	25	.9	42.2	10.2	<.5	1.5	918.3	11	13.6	.9	.1	3.2	4.1	<5	1	6.8	.9	<.5	.5	.09	<.4	.1	<.05	.15	.03	.25	<.05	.10	<.05	.17	.03	<1
9391	8	.8	24.7	12.8	.9	6.1	521.6	19	8.1	1.1	.4	1.8	6.0	<5	7	15.7	2.2	.8	1.7	.23	.8	.3	<.05	.33	.08	.46	.06	.20	<.05	.39	.06	6
9392	6	2.1	12.3	12.6	1.1	4.4	306.6	16	8.9	.9	.8	.9	10.5	<5	2	19.0	4.6	1.8	4.2	.53	2.0	.9	<.05	.67	.16	.84	.14	.41	.08	.79	.12	5
9393	20	.8	40.6	10.8	<.5	1.1	826.6	14	14.5	.3	.1	2.5	2.2	<5	5	5.1	.9	<.5	<.5	.09	.4	.1	<.05	.14	.03	.15	<.05	.08	<.05	.13	.02	3
9394	15	.9	24.9	12.1	1.0	3.6	521.7	15	16.0	1.2	.3	1.4	7.6	<5	1	13.8	4.3	.6	1.2	.18	.5	.3	<.05	.32	.11	.73	.11	.36	.08	.65	.09	5
RE 9394	16	.9	25.3	12.3	1.1	3.8	531.5	15	16.1	1.4	.3	1.6	7.9	<5	1	14.8	4.4	.6	1.3	.16	.7	.3	<.05	.34	.11	.77	.12	.39	.08	.70	.10	9
RRE 9394	16	2.2	24.7	12.7	.8	3.4	523.9	15	15.5	1.0	.2	1.4	6.8	<5	5	12.7	4.8	.5	1.1	.15	.6	.3	<.05	.32	.11	.80	.12	.42	.09	.80	.11	10
9395	6	.8	10.1	15.6	<.5	11.9	280.1	16	7.2	1.1	.3	.8	.5	<5	2	2.8	.3	.5	1.1	.14	.4	.3	<.05	.20	.04	.07	<.05	<.05	<.05	<.05	<.01	2
9396	10	.9	9.9	15.7	1.2	11.4	299.7	14	14.8	1.5	.8	.9	8.4	<5	7	20.4	7.7	1.1	2.5	.31	.9	.5	<.05	.55	.20	1.41	.21	.68	.13	1.13	.15	13
9397	34	1.4	5.2	12.4	1.3	4.6	121.6	4	25.1	1.5	.7	.4	7.6	<5	1	23.0	4.4	1.7	3.9	.50	1.8	.7	<.05	.71	.16	1.00	.12	.38	.08	.67	.11	9
9398	33	1.0	5.0	11.7	1.1	7.9	109.1	6	37.1	5.2	.6	.3	3.5	<5	6	17.4	4.7	1.3	2.9	.38	1.3	.7	.06	.63	.17	1.00	.15	.50	.09	.89	.13	14
9399	180	29.4	29.5	18.9	3.8	9.8	307.6	24	47.1	1.1	5.4	1.1	5.3	252	4	123.8	24.8	17.0	37.7	4.89	19.5	4.6	1.15	5.00	.78	4.89	.98	2.87	.39	2.73	.37	3
9400	27	1.1	10.8	12.4	1.6	2.1	167.6	6	29.5	1.1	.8	.5	10.4	<5	7	26.5	6.1	2.0	4.6	.57	1.8	.8	<.05	.77	.18	1.26	.18	.59	.13	1.09	.16	13
9401 HL-00-8	37	3.1	27.4	15.3	2.3	22.8	272.5	28	30.4	16.7	1.3	.7	9.4	31	2	43.2	6.2	3.3	7.5	.96	3.2	1.1	.09	.98	.19	1.14	.19	.55	.10	.78	.11	22
STANDARD SO-15	2022	20.7	2.6	16.4	26.5	33.7	65.1	18	400.2	1.4	24.2	1.4	19.6	156	19	1048.8	22.0	27.4	57.5	6.23	23.3	4.5	.98	4.10	.59	3.62	.77	2.35	.35	2.44	.40	1

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Date 1/- FA ___

SAMPLE#	Ba ppm	Co ppm	Cs ppm	Ga ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	Th ppm	Tl ppm	U ppm	V ppm	W ppm	Zr ppm	Y ppm	La ppm	Ce ppm	Pr ppm	Nd ppm	Sm ppm	Eu ppm	Gd ppm	Tb ppm	Dy ppm	Ho ppm	Er ppm	Tm ppm	Yb ppm	Lu ppm	Be ppm
9402 HL06-8	142	14.4	13.0	18.0	2.5	7.8	315.5	20	35.2	2.3	3.3	1.4	6.6	135	5	79.4	18.2	11.4	25.0	2.95	13.1	3.1	.70	2.84	.53	3.20	.63	2.07	.26	2.28	.33	6
9403	46	.6	17.6	15.6	.9	4.9	371.8	15	32.7	2.1	.8	1.5	3.0	6	10	18.5	6.7	2.2	4.7	.57	2.0	.8	<.05	.64	.19	1.05	.17	.60	.11	1.16	.18	10
9404	22	.6	7.9	14.3	1.8	3.9	175.4	8	24.1	2.2	1.4	.9	8.3	<5	2	37.4	12.0	3.4	7.9	.87	3.0	1.4	<.05	1.10	.32	1.96	.31	1.13	.21	2.17	.31	1
9405	14	.5	12.6	15.8	2.0	5.8	268.1	12	18.6	2.3	1.3	1.0	3.5	<5	8	37.3	11.0	3.7	8.7	1.02	3.8	1.4	<.05	1.26	.33	1.89	.31	1.05	.18	1.88	.27	4
9406	23	.7	11.3	16.6	2.1	6.4	276.5	14	30.0	1.8	1.0	1.4	4.8	<5	3	34.0	7.6	2.2	4.9	.57	2.1	.9	<.05	.82	.23	1.39	.22	.72	.12	1.22	.19	11
9407	4	.9	12.5	14.9	2.3	5.5	265.9	14	6.6	2.8	1.3	1.2	4.2	<5	9	37.0	8.2	2.7	6.2	.75	2.5	1.0	<.05	.95	.25	1.54	.23	.70	.12	1.19	.17	7
9408	6	.7	11.3	16.1	1.9	5.4	226.3	14	13.7	2.0	1.2	.9	4.9	<5	2	33.8	11.0	2.8	6.5	.77	2.9	1.2	<.05	.99	.29	1.85	.31	1.02	.18	1.85	.27	14
9409	9	.6	12.2	14.0	1.4	4.9	261.7	14	12.9	2.1	1.3	1.3	4.3	<5	10	26.5	9.0	3.6	7.9	.93	3.0	1.3	<.05	1.01	.26	1.52	.25	.86	.15	1.45	.24	4
9410	6	.6	7.7	19.8	3.0	50.5	215.0	26	8.6	53.5	1.3	.7	3.5	<5	5	50.8	8.3	2.0	4.7	.53	1.9	.9	<.05	.72	.20	1.34	.22	.79	.16	1.64	.23	10
9411	17	.5	11.9	13.0	1.0	3.3	320.4	12	14.3	1.2	1.0	1.3	3.3	<5	9	19.0	4.6	2.4	5.6	.66	2.5	1.0	<.05	.73	.17	.88	.13	.42	.08	.70	.11	6
9412	4	1.0	6.8	14.6	1.3	6.7	197.8	12	9.5	2.2	.9	.7	3.3	<5	2	25.5	7.3	2.6	5.8	.69	2.5	1.2	<.05	.90	.24	1.27	.20	.69	.11	1.19	.17	9
RE 9412	4	<.5	7.0	15.2	1.3	6.4	207.4	13	9.8	1.9	1.3	.8	3.1	<5	2	22.6	7.6	3.5	8.2	.66	3.5	1.5	<.05	1.11	.27	1.45	.22	.67	.13	1.25	.19	12
RRE 9412	4	<.5	6.5	15.5	1.4	6.8	202.7	13	9.4	2.0	.9	.8	3.1	<5	8	22.5	7.2	2.4	5.5	.68	2.5	1.1	<.05	.90	.23	1.37	.22	.69	.11	1.20	.18	11
9413	19	.6	8.6	14.9	1.5	18.1	265.1	17	12.7	23.6	.9	.6	2.9	<5	3	25.5	8.7	2.1	4.9	.66	2.6	1.2	.23	1.07	.25	1.47	.24	.74	.13	1.31	.20	6
9414	7	<.5	7.2	15.3	1.7	7.5	226.7	14	10.4	3.0	1.0	.7	3.1	<5	9	29.9	9.5	3.1	6.8	.80	3.2	1.4	.07	1.10	.26	1.65	.25	.88	.16	1.51	.23	6
9415	5	<.5	13.4	18.9	1.7	13.4	392.8	22	7.6	3.1	.7	1.1	5.0	<5	3	25.2	5.5	1.5	3.7	.47	1.8	.9	<.05	.74	.17	1.03	.14	.43	.08	.84	.11	11
9416	5	<.5	8.9	15.1	1.6	6.3	251.4	11	8.9	1.9	1.2	.8	3.8	<5	9	31.1	9.4	3.4	7.7	.91	3.3	1.2	<.05	.94	.24	1.63	.27	.95	.18	1.82	.26	5
9417	8	.7	15.0	16.9	1.5	8.2	397.1	19	7.0	1.9	.4	1.5	4.1	<5	3	21.5	2.0	.9	2.1	.26	1.1	.5	<.05	.37	.09	.47	.05	.14	<.05	.19	.02	18
9418	11	<.5	6.3	17.2	1.5	8.0	177.1	17	12.4	1.6	.9	.6	10.3	<5	11	25.0	8.1	1.8	4.3	.51	1.8	.9	<.05	.77	.22	1.38	.21	.72	.14	1.31	.19	11
9419	8	.6	8.4	14.3	1.3	4.5	249.4	10	11.6	1.7	1.2	.8	3.2	<5	2	26.2	10.2	3.4	7.4	.84	3.0	1.3	<.05	1.03	.27	1.70	.29	.97	.15	1.70	.24	3
9420	5	.6	6.3	16.5	1.7	5.0	208.1	10	9.1	1.3	1.4	.7	3.9	<5	10	32.9	11.8	3.8	8.8	1.01	3.7	1.6	<.05	1.16	.30	1.92	.33	1.18	.21	2.15	.33	13
9421	12	.5	13.9	15.2	1.0	5.3	310.0	10	15.8	1.7	1.0	.9	3.1	<5	3	21.6	8.5	3.0	6.5	.78	2.8	1.1	<.05	.93	.23	1.54	.25	.81	.15	1.47	.21	5
9422	17	.5	21.1	13.9	1.4	3.4	254.9	15	20.6	1.2	1.4	.7	5.6	<5	9	29.5	11.8	3.8	8.6	.95	3.4	1.3	<.05	1.18	.31	2.03	.33	1.11	.20	2.03	.29	9
9423	7	1.2	26.0	16.6	1.0	8.5	290.0	25	13.9	3.5	.9	.8	3.4	<5	3	20.2	9.4	2.9	6.6	.77	2.9	1.3	<.05	1.13	.30	1.71	.27	.81	.14	1.28	.19	11
9424	2	.6	7.7	15.6	1.9	8.5	162.2	18	6.2	2.5	1.5	.4	5.2	<5	11	36.5	9.3	3.1	7.5	.89	3.1	1.4	<.05	.93	.25	1.62	.25	.85	.16	1.68	.26	14
RE 9424	3	.6	8.1	15.3	2.1	9.0	162.4	18	6.3	2.6	1.4	.4	5.1	<5	11	37.7	9.4	3.1	7.1	.85	2.7	1.3	<.05	.94	.24	1.56	.25	.84	.16	1.69	.22	11
RRE 9424	2	.7	7.7	16.9	1.9	10.2	169.3	20	6.3	2.6	1.4	.4	5.3	<5	3	37.3	9.4	2.9	6.6	.77	2.8	1.1	<.05	.91	.22	1.54	.26	.85	.16	1.73	.26	9
9425	8	.6	16.0	14.9	1.1	6.5	355.7	12	16.0	3.0	.9	.9	4.4	<5	7	22.4	8.3	2.7	5.9	.72	2.6	1.0	<.05	.89	.24	1.47	.24	.76	.14	1.36	.22	7
9426	10	.7	29.1	16.4	1.5	11.5	361.6	22	14.7	3.5	.9	.8	6.7	<5	3	27.1	6.3	2.5	5.2	.60	2.0	.9	<.05	.76	.19	1.20	.18	.62	.11	1.20	.18	10
9427	5	4.0	37.5	18.9	1.3	14.8	288.5	34	9.8	4.7	1.0	.7	5.3	<5	10	24.2	8.4	2.9	6.8	.82	2.8	1.2	<.05	1.11	.28	1.57	.23	.74	.14	1.20	.17	16
9428	8	.8	18.9	16.9	1.3	13.2	196.1	21	15.1	5.2	1.3	.5	6.0	<5	3	25.3	10.3	3.8	8.8	1.01	3.8	1.5	<.05	1.26	.30	1.91	.30	1.02	.18	1.69	.26	8
9429	9	.6	21.1	21.1	<.5	16.2	378.9	36	12.9	3.2	1.8	.9	2.9	<5	10	5.2	2.0	4.7	10.7	1.27	4.3	2.6	<.05	1.50	.25	.62	<.05	.10	<.05	.12	.02	14
9430 HL-00-8	3	.8	10.9	17.8	1.6	9.6	214.4	19	10.5	3.1	.9	.6	12.8	<5	3	28.7	8.9	2.1	4.9	.54	1.9	.9	<.05	.81	.23	1.56	.26	.84	.16	1.81	.25	8
STANDARD SO-15	2083	22.0	2.8	17.7	26.0	34.0	66.5	20	402.6	1.8	25.2	1.6	20.6	142	21	1051.8	22.7	29.6	60.9	6.41	25.2	4.7	1.07	3.99	.61	3.80	.79	2.59	.33	2.61	.43	1

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data d FA

SAMPLE#	Ba ppm	Co ppm	Cs ppm	Ga ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	Th ppm	Tl ppm	U ppm	V ppm	W ppm	Zr ppm	Y ppm	La ppm	Ce ppm	Pr ppm	Nd ppm	Sm ppm	Eu ppm	Gd ppm	Tb ppm	Dy ppm	Ho ppm	Er ppm	Tm ppm	Yb ppm	Lu ppm	Be ppm
9431 HL00-8	9	.9	12.7	20.4	3.1	16.1	162.8	28	13.8	5.2	2.9	1.0	40.0	8	11	49.4	12.4	4.8	10.9	1.43	5.0	2.0	.06	1.66	.38	2.36	.37	1.15	.20	1.99	.30	9
9432	5	1.0	26.1	14.5	1.8	7.4	311.1	17	9.0	3.3	1.5	1.5	5.0	<5	2	36.1	11.4	3.7	8.6	1.01	3.5	1.5	<.05	1.28	.31	2.05	.35	1.12	.20	1.95	.30	12
9433	4	.6	14.7	13.7	1.2	25.9	221.1	14	7.4	10.0	1.2	1.2	3.2	<5	8	23.4	8.3	3.2	7.0	.82	2.5	1.0	<.05	.92	.23	1.45	.25	.85	.15	1.56	.24	11
9434	3	.6	32.7	12.3	1.1	3.2	352.0	12	7.3	1.1	.7	2.4	2.2	<5	2	19.8	6.2	1.8	4.0	.47	1.5	.7	<.05	.60	.17	1.11	.18	.60	.10	1.09	.17	5
9435	6	1.5	24.3	22.7	5.3	23.9	327.1	34	5.7	4.0	4.9	2.1	9.0	<5	12	89.5	6.3	6.1	13.7	1.70	5.4	2.5	<.05	1.55	.29	1.37	.19	.52	.11	.95	.15	7
9436	34	.7	24.3	13.7	<.5	12.2	402.8	20	10.7	2.5	.4	1.8	.7	<5	4	2.8	.8	.6	1.1	.13	.5	.2	<.05	.17	.04	.20	<.05	.06	<.05	.07	.02	8
9437	7	.6	8.4	14.5	<.5	7.0	105.6	14	8.9	2.0	.3	1.2	.5	<5	8	4.9	1.4	.8	1.8	.21	.7	.3	<.05	.33	.07	.32	<.05	.09	<.05	.11	.01	19
9438	5	.9	7.8	25.1	1.6	27.4	232.1	26	5.5	2.9	2.7	.8	5.5	<5	6	23.5	4.6	3.7	8.5	1.14	3.7	1.8	<.05	1.11	.21	1.15	.13	.30	.05	.52	.07	11
RE 9438	5	1.0	7.8	24.8	1.9	29.0	235.1	27	5.4	3.7	2.7	.9	5.1	<5	6	29.1	4.5	3.5	8.6	1.04	3.4	1.7	<.05	1.10	.21	1.06	.12	.31	<.05	.50	.07	7
RRE 9438	5	.8	7.8	24.7	2.0	27.8	234.3	26	5.6	3.0	2.9	.8	6.2	<5	12	31.7	3.7	3.8	9.4	1.15	3.5	1.8	<.05	1.12	.21	.94	.11	.29	<.05	.44	.07	10
9439	11	.9	6.3	17.2	2.5	13.7	180.3	19	8.5	2.3	5.1	.5	4.7	<5	4	41.7	7.6	7.9	19.5	2.33	7.7	3.3	<.05	1.96	.33	1.58	.22	.64	.11	1.21	.18	4
9440	7	.7	15.4	24.0	3.4	23.6	326.4	32	12.8	3.7	2.4	1.0	8.8	<5	11	67.6	12.2	3.7	9.1	1.07	3.6	1.5	<.05	1.20	.32	2.24	.36	1.20	.22	2.59	.40	10
9441 HL00-8	20	1.1	13.4	21.5	1.4	20.8	349.2	36	13.0	4.5	1.5	1.0	3.7	6	5	30.0	5.0	4.6	10.8	1.32	5.2	1.5	.20	1.16	.20	1.18	.16	.48	.08	.75	.11	9
STANDARD SO-15	2062	20.6	2.8	17.4	24.8	30.7	63.3	18	406.5	1.7	23.7	2.0	20.4	149	19	1054.8	22.5	28.2	56.7	6.10	22.9	4.8	1.02	3.87	.58	3.85	.78	2.60	.34	2.57	.41	1

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ✓ FA

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Chapleau Resources Ltd. File # A004411 Page 1 (b)

104 - 135 - 10th Ave S., Cranbrook BC V1C 2N1 Submitted by: D.L. Pighin

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	As ppm	Cd ppm	Sb ppm	Bi ppm
9316	5	5	19	7	8	5	<.2	<.5	<.5
9317	5	3	7	8	2	3	.2	<.5	1.3
9318	4	5	13	9	6	6	<.2	<.5	<.5
9319	4	2	28	15	2	7	<.2	<.5	1.3
9320	5	4	15	9	8	8	<.2	<.5	<.5
9321	2	1	26	7	1	4	<.2	<.5	<.5
9322	4	3	9	6	6	5	<.2	<.5	<.5
9323	4	2	7	5	2	3	<.2	1.0	.5
9324	2	3	6	12	4	18	<.2	<.5	<.5
9325	2	3	8	10	1	10	<.2	<.5	<.5
9326	3	5	7	9	6	13	<.2	<.5	<.5
RE 9326	4	5	7	9	6	14	<.2	<.5	<.5
RRE 9326	3	4	7	9	1	15	<.2	<.5	<.5
9327	3	5	5	18	4	478	1.1	<.5	<.5
9328	2	3	14	40	1	635	1.7	<.5	<.5
9329	3	3	28	10	5	173	.4	<.5	<.5
9330	3	3	7	36	1	95	.6	<.5	<.5
9331	2	4	14	31	4	39	.4	<.5	<.5
9332	2	3	10	17	1	8	<.2	<.5	<.5
9333	3	5	23	11	4	48	.2	<.5	1.4
9334	2	8	34	13	1	89	.3	<.5	<.5
9335	3	4	23	7	5	16	<.2	<.5	<.5
9336	2	3	49	20	1	24	<.2	.7	.8
9337	3	7	15	16	4	68	.3	<.5	6.4
9338	2	6	15	14	1	329	.9	<.5	.5
RE 9338	2	6	15	13	1	356	.8	<.5	.8
RRE 9338	3	7	12	15	4	295	.8	<.5	.7
9339	2	2	5	6	1	14	<.2	<.5	<.5
9340	2	3	5	17	4	13	.3	<.5	<.5
9341	4	3	3	9	2	29	.3	<.5	<.5
9342	4	4	13	4	6	90	<.2	<.5	<.5
9343	2	4	263	4	1	359	.8	.7	<.5
STANDARD C3	27	66	38	170	36	53	24.7	17.9	22.6
STANDARD G-2	2	2	3	46	8	<2	<.2	<.5	<.5

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: CORE R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 31 2000 **DATE REPORT MAILED:** Nov 15/00 **SIGNED BY.** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	As ppm	Cd ppm	Sb ppm	Bi ppm
9344	3	6	463	9	5	289	.6	<.5	<.5
9345	3	3	12	5	1	40	<.2	<.5	<.5
9346	2	3	8	6	4	6	<.2	<.5	<.5
9347	2	2	11	18	1	5	.3	<.5	<.5
9348	3	3	7	18	5	12	<.2	<.5	<.5
9349	2	3	35	89	1	169	1.2	<.5	<.5
9350	3	3	5	21	4	6	.2	<.5	<.5
9351	2	3	5	6	1	3	<.2	<.5	<.5
9352	2	4	32	4	4	7	<.2	<.5	<.5
9353	2	3	4	2	1	7	<.2	<.5	1.3
9354	2	3	3	3	4	7	<.2	<.5	<.5
RE 9354	2	3	3	2	3	7	<.2	<.5	<.5
RRE 9354	2	2	3	3	1	7	<.2	<.5	<.5
9355	2	4	26	21	4	78	.4	<.5	<.5
9356	3	3	18	28	3	51	.3	<.5	<.5
9357	3	5	4	15	4	10	.2	<.5	<.5
9358	2	2	4	6	1	6	<.2	<.5	<.6
9359	2	2	5	8	4	5	<.2	<.5	<.5
9360	2	2	4	6	1	4	<.2	<.5	<.6
9361	2	2	4	6	3	6	<.2	<.5	<.5
9362	2	2	4	16	1	15	<.2	<.5	<.5
9363	2	2	3	11	3	13	<.2	<.5	1.7
9364	2	1	3	13	1	6	<.2	<.5	<.5
9365	2	4	9	14	4	19	<.2	<.5	<.5
9366	2	14	46	167	1	73	3.0	<.5	<.5
RE 9366	2	14	44	176	1	70	3.1	<.5	<.5
RRE 9366	2	15	46	170	4	104	2.6	<.5	<.5
9367	2	3	4	24	1	13	.2	<.5	<.5
9368	2	5	5	11	4	7	.4	<.5	<.5
9369	2	3	9	18	1	16	<.2	<.5	.7
9370	2	2	33	28	3	7	.3	<.5	.6
9371	2	2	36	31	1	32	.2	<.5	2.5
9372	2	3	<3	9	3	9	<.2	<.5	<.5
STANDARD C3	27	66	35	167	36	54	24.4	17.0	21.6
STANDARD G-2	2	2	3	45	7	<2	<.2	<.5	<.5

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data A FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	As ppm	Cd ppm	Sb ppm	Bi ppm
9373	3	4	29	23	4	28	.2	<.5	1.0
9374	3	2	28	27	2	20	.3	<.5	1.2
9375	2	4	23	7	4	10	<.2	<.5	1.6
9376	2	2	10	5	1	18	<.2	<.5	.8
9377	2	4	76	21	4	315	.3	<.5	2.3
9378	3	11	744	60	2	161	.9	.8	.7
9379	3	32	1995	88	4	35	.6	2.5	.9
9380	2	3	20	12	1	10	<.2	<.5	<.5
9381	3	3	13	10	4	5	.2	<.5	<.5
9382	2	1	3	6	1	4	<.2	<.5	<.5
RE 9382	2	2	3	6	1	4	<.2	<.5	<.5
RRE 9382	2	2	3	5	4	3	<.2	<.5	<.5
9383	2	1	3	3	1	3	<.2	<.5	<.5
9384	2	3	6	4	4	6	<.2	<.5	<.5
9385	2	2	5	10	1	6	<.2	<.5	<.5
9386	3	3	7	12	4	2	<.2	<.5	<.5
9387	3	3	24	38	2	11	.3	<.5	<.5
9388	3	3	9	6	5	<2	<.2	<.5	<.5
9389	3	2	4	3	1	8	<.2	<.5	.6
9390	2	2	3	15	4	12	<.2	<.5	<.5
9391	2	1	5	15	1	66	.2	<.5	<.5
9392	3	2	8	24	4	35	.2	<.5	<.5
9393	2	1	62	14	1	10	<.2	<.5	<.5
9394	2	2	19	10	4	10	<.2	<.5	<.5
RE 9394	2	2	19	10	4	10	<.2	<.5	<.5
RRE 9394	2	2	21	11	1	11	<.2	<.5	<.5
9395	2	3	<3	5	4	3	<.2	<.5	<.5
9396	3	4	4	12	1	36	<.2	<.5	<.5
9397	3	9	9	22	5	88	.2	1.3	.8
9398	3	6	10	5	1	16	<.2	<.5	1.1
9399	2	22	10	120	9	100	.7	1.0	<.5
9400	3	4	21	13	1	50	.2	<.5	<.5
9401	3	5	27	30	6	70	.2	<.5	<.5
STANDARD C3	27	71	36	167	37	53	25.3	16.1	23.1
STANDARD G-2	2	2	3	46	8	<2	<.2	<.5	<.5

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	As ppm	Cd ppm	Sb ppm	Bi ppm
9402	2	13	12	77	5	193	.6	<.5	<.5
9403	4	7	10	10	1	81	.2	<.5	<.5
9404	3	8	14	9	5	151	.4	<.5	.5
9405	3	3	9	4	1	39	<.2	<.5	.7
9406	3	6	13	12	5	39	<.2	<.5	.6
9407	3	3	5	2	1	69	.2	<.5	1.5
9408	4	4	6	2	5	45	<.2	<.5	.7
9409	3	6	9	8	1	109	.3	<.5	.7
9410	4	6	15	13	6	41	<.2	<.5	<.5
9411	3	3	6	3	1	29	<.2	<.5	.5
9412	4	7	6	2	5	44	<.2	<.5	1.0
RE 9412	4	7	6	2	5	45	<.2	<.5	1.0
RRE 9412	3	5	6	1	1	40	<.2	<.5	1.1
9413	4	7	8	7	5	15	<.2	<.5	<.5
9414	3	3	6	8	2	50	<.2	<.5	.9
9415	3	3	7	8	5	42	<.2	<.5	.7
9416	3	1	6	3	1	46	<.2	<.5	3.3
9417	3	3	6	4	5	61	<.2	<.5	1.2
9418	3	4	10	19	2	96	.5	<.5	2.0
9419	3	4	8	24	6	16	<.2	.8	1.0
9420	3	2	6	2	2	40	<.2	<.5	.7
9421	3	3	6	3	5	50	<.2	<.5	.7
9422	3	3	15	9	2	48	<.2	<.5	<.5
9423	3	2	6	10	5	16	<.2	<.5	<.5
9424	3	2	5	14	1	38	<.2	<.5	<.5
RE 9424	3	2	5	14	1	40	<.2	<.5	<.5
RRE 9424	3	3	5	15	5	40	<.2	<.5	.5
9425	2	1	8	44	1	33	.2	<.5	.7
9426	3	3	6	43	4	64	.2	<.5	<.5
9427	3	2	7	10	1	37	<.2	<.5	.8
9428	3	4	12	9	5	53	<.2	<.5	.7
9429	3	2	4	9	2	15	<.2	<.5	<.5
9430	3	4	5	7	5	202	.4	<.5	2.4
STANDARD C3	27	70	36	171	37	61	24.4	15.7	23.7
STANDARD G-2	1	2	3	46	8	<2	<.2	<.5	<.5

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	As ppm	Cd ppm	Sb ppm	Bi ppm
9431	3	4	22	24	3	554	1.9	<.5	.7
9432	3	3	7	5	5	15	<.2	<.5	<.5
9433	3	1	5	3	1	12	<.2	<.5	<.5
9434	3	2	4	<1	4	68	<.2	<.5	1.1
9435	3	2	11	4	1	102	.3	<.5	9.6
9436	3	3	3	4	4	7	<.2	<.5	<.5
9437	4	6	5	35	2	11	1.5	3.9	2.4
9438	3	3	7	11	5	138	.4	<.5	1.1
RE 9438	3	3	7	12	5	143	.4	<.5	1.3
RRE 9438	3	2	7	12	2	141	.4	<.5	1.0
9439	4	3	9	11	6	27	<.2	<.5	.5
9440	3	1	7	4	1	58	.2	<.5	.9
9441	3	3	6	7	5	37	.2	<.5	5.0
STANDARD C3	27	69	37	168	39	57	25.8	16.0	23.5
STANDARD G-2	2	2	<3	42	8	<2	<.2	<.5	<.5

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

ACME ANALYTICAL

Chapleau Resources Ltd. PROJECT HORN FILE # A004721

ACME ANALYTICAL

SAMPLE#	Ba ppm	Be ppm	Co ppm	Cs ppm	Ga ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	Th ppm	Tl ppm	U ppm	V ppm	W ppm	Zr ppm	Y ppm	La ppm	Ce ppm	Pr ppm	Nd ppm	Sm ppm	Eu ppm	Gd ppm	Tb ppm	Dy ppm	Ho ppm	Er ppm	Tm ppm	Yb ppm	Lu ppm
9442 NL 00-10	39	6	.7	3.0	16.0	1.0	8.7	111.6	12	29.2	2.6	.6	.3	5.9	<5	7	22.3	11.3	1.9	4.1	.49	1.8	.9	.12	1.11	.31	1.88	.33	.98	.19	1.60	.25
9443	17	8	.6	2.6	14.8	.7	5.8	101.1	7	26.1	1.6	.6	.3	2.0	<5	9	13.9	7.8	2.0	4.2	.46	1.7	.8	.09	.75	.22	1.23	.23	.70	.13	1.14	.17
9444	59	8	.7	3.4	14.9	.7	7.0	146.6	9	26.5	2.2	.7	.4	3.4	<5	8	16.0	9.5	2.0	4.4	.51	1.7	.9	.09	.89	.26	1.55	.28	.86	.16	1.32	.22
9445	34	5	.7	1.2	13.2	.5	7.0	51.7	6	33.8	2.8	.8	.1	3.9	<5	8	15.6	9.6	2.0	4.2	.45	1.6	.7	.11	.82	.24	1.47	.26	.87	.17	1.38	.22
9446	52	2	<.5	4.6	14.1	.6	7.2	213.0	9	31.0	1.5	.7	.5	2.3	<5	7	10.4	9.5	1.9	4.3	.46	1.8	.8	.08	.89	.25	1.58	.26	.86	.16	1.32	.20
9447	32	7	<.5	3.9	14.4	.6	8.5	171.9	11	32.3	2.0	.8	.5	2.2	<5	10	12.6	8.2	1.9	4.0	.45	1.5	.8	.10	.76	.22	1.36	.25	.73	.14	1.06	.17
9448	23	5	.5	2.6	11.3	.8	6.4	110.0	5	36.5	1.5	1.1	.3	6.7	<5	5	17.1	8.9	2.6	5.8	.62	2.0	.9	.15	.96	.23	1.48	.26	.79	.14	1.15	.17
RE 9448	23	3	<.5	2.5	11.7	.8	6.5	113.3	5	39.4	1.5	1.0	.3	6.5	<5	5	19.0	8.6	2.6	5.5	.60	1.9	.9	.14	.95	.26	1.50	.28	.80	.15	1.26	.19
RRE 9448	22	5	.5	2.5	12.7	1.1	7.6	115.0	6	37.6	1.6	1.1	.3	7.1	<5	9	21.0	8.3	2.5	5.5	.60	2.2	.8	.14	.83	.23	1.39	.25	.78	.15	1.17	.19
9449	31	3	<.5	3.2	12.5	.7	4.2	120.6	7	31.6	.8	.9	.3	13.4	<5	7	12.7	6.7	1.9	3.9	.44	1.6	.6	.10	.71	.19	1.09	.19	.60	.11	.86	.14
9450	24	8	<.5	2.9	13.3	1.1	5.3	103.3	5	30.8	1.1	4.5	.2	11.0	<5	8	23.1	12.8	3.7	7.9	.92	3.1	1.4	.11	1.26	.33	2.00	.38	1.17	.23	1.83	.29
9451	8	5	<.5	1.8	14.8	1.3	8.2	75.6	6	21.5	1.8	4.0	.2	31.6	<5	6	28.3	14.5	3.8	8.1	.90	3.0	1.1	.14	1.21	.32	2.21	.41	1.31	.27	2.13	.33
9452	20	7	<.5	3.4	12.6	1.0	6.0	137.2	8	24.7	1.7	1.3	.4	4.9	<5	15	23.4	10.8	3.8	7.9	.88	3.0	1.1	.16	1.16	.28	1.78	.32	1.01	.18	1.51	.24
9453	24	6	.5	6.3	14.1	<.5	11.0	258.6	12	24.7	2.8	.7	.8	2.6	<5	8	8.2	9.1	2.0	4.3	.50	1.7	.8	.14	.86	.23	1.52	.27	.86	.15	1.21	.19
9454	45	1	<.5	5.3	11.1	.5	2.8	289.3	5	34.9	.5	1.6	.7	9.2	<5	7	11.6	3.1	.5	.9	.09	<.4	.2	.08	.24	.08	.51	.09	.28	.05	.47	.07
STANDARD SO-15	2082	2	22.0	3.0	17.0	25.8	30.7	65.0	17	395.2	1.8	25.5	1.0	20.3	141	19	1049.4	22.6	29.9	61.9	6.33	24.4	4.8	1.04	3.94	.58	3.68	.77	2.44	.35	2.46	.41

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ✓ FA

SAMPLE#	Ba ppm	Be ppm	Co ppm	Cs ppm	Ga ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	Th ppm	Tl ppm	U ppm	V ppm	W ppm	Zr ppm	Y ppm	La ppm	Ce ppm	Pr ppm	Nd ppm	Sm ppm	Eu ppm	Gd ppm	Tb ppm	Dy ppm	Ho ppm	Er ppm	Tm ppm	Yb ppm	Lu ppm
9455 HLOD-ND	6	5	.6	.7	9.7	.6	2.7	28.1	<1	17.4	.9	.7	.1	7.0	8	5	12.4	5.5	1.4	2.6	.26	.9	.4	.07	.45	.14	.85	.16	.51	.09	.84	.12
9456	8	2	.6	.7	13.9	.6	4.4	23.5	3	24.7	1.5	.7	.1	3.6	6	7	9.5	7.2	.7	1.5	.18	.7	.3	.08	.46	.14	1.04	.22	.71	.12	1.00	.14
9457	13	4	1.4	1.1	13.0	.7	8.9	52.1	4	21.6	1.0	1.7	.1	4.8	5	6	14.1	27.6	.8	1.8	.25	1.2	.5	.17	.97	.35	3.09	.86	2.85	.42	2.75	.35
9458	20	2	.6	1.8	13.0	<.5	4.6	68.9	4	30.6	.9	1.4	.3	7.5	<5	9	10.8	14.8	3.7	8.2	.93	3.4	1.2	.13	1.18	.34	2.24	.43	1.44	.23	1.89	.28
9459	26	7	.5	3.2	11.1	<.5	5.0	122.9	5	33.2	1.5	2.7	.3	5.7	<5	5	10.1	47.2	3.7	7.8	.88	3.5	1.1	.29	1.75	.61	5.27	1.35	4.89	.70	5.05	.71
9460	31	3	<.5	4.2	12.0	.5	5.7	154.6	4	30.2	1.9	1.7	.6	6.1	<5	7	10.2	16.9	3.8	8.3	.92	3.3	1.1	.18	1.27	.35	2.45	.51	1.69	.27	2.12	.30
9461	25	9	.8	6.8	14.2	<.5	10.5	233.4	9	28.8	3.8	1.6	.6	7.9	<5	7	10.3	11.4	3.4	5.6	.60	2.1	.9	.21	.94	.33	1.68	.37	1.01	.17	1.30	.25
9462	23	10	<.5	4.1	12.6	1.1	7.6	137.0	6	31.2	2.9	3.0	.5	24.2	<5	9	28.7	20.4	8.4	18.9	2.14	7.9	2.8	.18	2.78	.65	3.77	.62	1.85	.28	2.40	.35
9463	45	10	.6	2.2	14.4	.9	9.5	84.3	7	35.2	4.3	3.4	.1	6.8	<5	6	18.8	20.4	8.7	19.0	2.02	7.4	2.2	.22	2.03	.47	3.14	.60	1.90	.30	2.30	.34
9464	35	9	1.0	3.1	14.9	.9	10.9	130.5	7	33.9	3.8	2.6	.3	20.0	<5	11	16.0	15.5	6.4	14.3	1.51	5.7	1.8	.21	1.59	.39	2.46	.46	1.43	.23	1.89	.26
RE 9464	29	8	.8	3.0	14.6	.7	10.4	127.4	6	34.9	3.6	2.4	.3	18.6	<5	10	13.5	14.0	5.9	13.2	1.41	5.3	1.8	.18	1.58	.37	2.30	.41	1.28	.20	1.74	.26
RRE 9464	31	7	.8	3.0	15.0	.7	10.3	128.1	6	32.3	3.6	2.6	.2	19.3	<5	7	11.7	13.6	6.0	13.7	1.53	5.4	1.7	.21	1.57	.36	2.21	.41	1.26	.21	1.58	.24
9465	34	8	.8	2.2	12.1	.7	11.1	89.2	5	36.3	2.6	16.1	.1	21.0	<5	9	21.1	237.0	13.3	31.2	3.49	13.5	4.0	.86	7.40	2.82	26.13	7.11	23.58	3.04	18.62	2.38
9466	17	8	.5	1.7	12.2	.8	5.8	56.1	5	28.7	1.1	2.0	.1	21.6	<5	5	20.8	32.2	2.1	4.7	.49	2.0	.8	.14	1.33	.47	3.80	.93	3.28	.50	3.51	.46
9467	13	4	.7	1.2	13.0	1.8	3.8	44.5	5	25.8	.9	1.6	<.1	42.4	<5	7	34.2	14.0	2.5	5.8	.66	2.2	.9	.11	.92	.28	1.99	.41	1.39	.22	1.90	.28
9468	25	6	<.5	1.4	12.4	1.0	3.6	61.4	6	25.0	1.0	1.5	<.1	26.6	<5	5	21.1	11.2	4.5	10.5	1.13	4.1	1.4	.10	1.20	.30	1.91	.33	1.03	.17	1.57	.23
9469	24	1	.6	1.3	13.8	.8	6.0	55.1	5	28.0	1.4	1.6	<.1	13.9	<5	9	17.0	9.1	5.0	11.3	1.24	4.8	1.4	.11	1.22	.26	1.51	.25	.82	.14	1.22	.19
9470	13	4	1.0	1.1	12.9	<.5	6.5	38.4	6	23.0	1.7	.6	<.1	5.8	<5	5	1.7	9.3	.9	2.0	.22	.8	.4	.10	.57	.17	1.35	.28	.92	.14	1.17	.17
9471	22	8	.8	3.6	17.8	2.1	21.8	104.8	18	23.7	9.1	1.7	.1	17.5	5	9	26.9	19.4	2.8	6.7	.74	2.9	1.1	.15	1.30	.39	2.79	.56	1.85	.29	2.48	.35
9472	22	4	1.5	.6	11.9	.5	4.4	23.4	4	30.5	2.4	1.5	<.1	15.1	<5	4	7.4	13.1	2.9	7.0	.75	3.0	1.1	.13	1.15	.32	2.02	.38	1.22	.19	1.75	.26
9473	23	5	1.0	.6	12.2	<.5	3.1	23.6	2	26.9	1.3	3.5	<.1	9.8	<5	7	7.8	33.5	6.3	14.3	1.48	5.2	1.4	.31	1.85	.52	4.22	1.04	3.48	.51	3.77	.48
9474	13	9	1.7	.5	11.8	.6	10.8	11.7	4	25.8	2.9	9.8	<.1	10.0	<5	5	12.5	74.3	9.1	21.8	2.35	9.9	2.4	.57	3.34	1.01	8.65	2.25	7.73	1.04	7.22	.92
9475	23	5	2.9	.6	11.6	.6	6.8	18.5	3	27.4	3.1	4.5	<.1	8.9	<5	8	16.3	46.0	6.1	14.1	1.56	6.1	1.8	.42	2.37	.68	5.43	1.41	4.81	.68	4.82	.62
9476	15	2	2.4	.5	9.0	.6	2.6	11.8	2	22.8	1.0	1.8	<.1	3.4	<5	5	9.4	26.3	2.4	5.6	.64	2.7	.8	.25	1.25	.37	3.22	.79	2.75	.38	2.90	.37
RE 9476	15	3	2.4	.5	8.4	<.5	2.4	11.4	<1	23.0	.9	1.8	<.1	2.5	<5	5	7.8	26.1	2.5	5.7	.66	2.8	.8	.24	1.24	.35	3.04	.78	2.72	.40	2.84	.39
RRE 9476	13	3	2.4	.7	7.9	<.5	2.2	11.1	2	21.3	.8	1.6	<.1	2.3	<5	10	4.9	24.9	2.7	5.9	.64	2.5	.8	.26	1.14	.36	3.08	.72	2.58	.38	2.62	.35
9477	5	<1	4.0	.3	4.1	<.5	2.4	4.7	<1	8.6	.8	.5	<.1	3.4	<5	6	4.2	3.8	1.5	3.2	.32	1.5	.2	.07	.33	.08	.53	.11	.39	.06	.44	.06
9478	11	2	2.6	.4	11.7	<.5	2.6	6.8	<1	24.4	1.1	.7	<.1	12.9	<5	15	7.4	7.1	1.4	3.4	.35	1.4	.4	.10	.52	.14	1.00	.21	.71	.10	.82	.12
9479	29	4	1.3	.7	13.5	.9	7.2	27.2	5	29.4	2.0	1.9	<.1	7.8	10	5	23.8	14.4	4.5	10.4	1.03	4.1	1.0	.20	1.14	.29	1.98	.41	1.34	.21	1.71	.24
9480	61	5	<.5	1.0	15.4	1.2	6.2	51.5	10	24.6	1.3	2.1	.1	13.0	6	9	27.3	19.4	3.1	7.5	.80	3.0	1.0	.18	1.32	.38	2.71	.56	1.77	.29	2.42	.36
9481	27	3	.6	.6	13.2	.6	4.6	23.5	4	31.7	1.0	1.0	<.1	3.6	6	5	10.8	12.3	1.9	4.3	.44	1.8	.6	.12	.73	.22	1.65	.33	1.13	.18	1.46	.21
9482	27	9	2.8	1.2	12.3	.8	6.1	28.9	4	31.7	2.3	6.7	<.1	5.5	5	7	19.0	122.0	6.4	15.1	1.67	7.2	2.3	.71	4.34	1.44	13.98	3.55	12.20	1.63	10.19	1.24
9483 HLOD-ND	45	9	1.5	1.5	12.5	<.5	6.7	75.1	7	17.2	1.8	2.1	.1	10.8	<5	6	2.3	83.6	2.5	5.9	.65	2.8	1.3	.46	2.86	1.02	9.56	2.43	8.31	1.10	7.44	.97
STANDARD	2065	1	22.0	2.8	17.8	27.3	31.1	65.1	16	403.6	1.9	23.5	1.2	20.4	141	19	1066.1	23.0	28.4	60.8	6.15	24.1	4.3	1.00	3.88	.59	3.71	.76	2.50	.34	2.52	.41

Standard is STANDARD SO-15. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data A FA

SAMPLE#	Ba ppm	Be ppm	Co ppm	Cs ppm	Ga ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	Th ppm	Tl ppm	U ppm	V ppm	W ppm	Zr ppm	Y ppm	La ppm	Ce ppm	Pr ppm	Nd ppm	Sm ppm	Eu ppm	Gd ppm	Tb ppm	Dy ppm	Ho ppm	Er ppm	Tm ppm	Yb ppm	Lu ppm
9484 HLOO-10	48	12	1.9	1.4	11.0	.6	5.3	63.0	5	17.5	1.1	2.8	.1	7.3	6	9	12.2	75.2	3.2	7.0	.78	3.2	1.4	.43	2.90	.91	8.89	2.27	7.60	1.11	7.37	.99
9485	16	3	1.8	.5	12.5	<.5	6.0	22.0	4	23.8	.9	2.3	<.1	8.6	<5	6	7.2	43.7	2.1	5.0	.55	2.1	.9	.24	1.81	.61	5.21	1.26	4.42	.66	4.57	.65
9486	26	5	.9	1.0	11.5	<.5	5.7	35.0	5	29.8	1.7	.8	<.1	4.8	<5	10	9.1	8.1	1.6	3.6	.40	1.4	.6	.10	.65	.17	1.25	.22	.74	.12	1.09	.16
9487	22	8	.9	.9	12.3	.9	5.2	37.5	5	19.4	.9	1.5	.1	7.1	<5	6	34.2	39.6	2.0	4.3	.49	1.9	1.0	.22	1.80	.56	4.90	1.13	3.82	.55	3.96	.56
9488	78	12	.7	2.1	12.0	<.5	5.7	123.1	6	13.4	.9	1.1	.3	5.3	<5	9	10.7	13.0	2.7	5.9	.66	2.4	.8	.18	1.10	.28	2.11	.37	1.23	.20	1.62	.25
9489	29	3	1.0	1.5	15.2	<.5	10.3	77.6	7	26.6	1.8	.8	.5	2.1	<5	8	5.1	10.4	2.0	4.2	.44	1.7	.6	.16	.95	.25	1.85	.31	.95	.17	1.37	.22
9490	52	4	1.3	1.9	14.1	<.5	9.9	99.2	6	24.5	1.7	1.7	.3	2.5	<5	9	12.9	13.9	3.7	7.0	.77	2.7	1.0	.27	1.33	.38	2.36	.45	1.30	.22	1.90	.31
9491	75	3	1.9	2.8	14.3	.7	8.4	149.7	7	25.9	1.4	2.5	.5	9.2	<5	8	19.0	52.7	2.5	5.5	.64	2.8	1.5	.45	2.57	.78	6.65	1.56	5.37	.81	5.73	.80
9492	78	6	4.0	3.0	12.2	1.1	3.7	132.6	7	49.5	.9	1.7	1.0	16.6	<5	10	28.0	15.0	2.1	4.9	.56	2.1	1.1	.21	1.42	.36	2.53	.43	1.40	.25	2.15	.35
9493	88	5	6.1	3.2	10.8	1.5	2.8	130.2	6	63.5	.6	2.2	.4	19.3	<5	7	32.7	19.1	3.9	8.7	.96	3.7	1.3	.29	1.76	.42	2.99	.58	1.84	.30	2.48	.38
9494	41	2	3.6	1.9	5.1	<.5	1.5	64.0	4	37.2	.4	.8	.2	13.0	<5	16	9.8	6.0	1.7	3.8	.41	1.6	.5	.16	.73	.15	1.08	1.91	.56	.10	.80	.12
RE 9494	41	1	3.6	1.9	5.3	<.5	1.6	64.8	4	38.8	.3	.8	<.1	15.3	<5	16	10.0	6.6	1.7	3.8	.40	1.5	.5	.15	.73	.15	1.06	.20	.62	.10	.89	.14
RRE 9494	42	2	2.3	1.9	5.1	<.5	1.7	62.6	4	37.1	.4	.8	.1	17.3	<5	8	10.1	6.6	1.7	3.8	.42	1.6	.6	.17	.75	.17	1.12	.20	.62	.10	.91	.15
9495	59	4	259.1	2.3	7.3	1.4	2.7	90.7	3	26.7	1.0	1.8	.1	15.7	<5	10	31.8	23.1	7.6	15.9	1.78	7.1	1.8	.56	2.60	.50	3.66	.72	2.35	.34	2.66	.41
9496	79	3	3.0	3.0	10.4	1.6	3.3	123.1	5	49.3	1.2	2.4	.1	23.5	<5	5	37.5	16.2	4.3	9.3	1.08	4.0	1.3	.30	1.53	.36	2.55	.50	1.60	.28	2.33	.36
9497	89	4	1.2	2.7	10.8	2.1	1.4	120.7	7	39.0	.4	1.8	.1	36.5	<5	9	43.5	10.0	2.6	6.4	.77	2.9	1.3	.22	1.26	.26	1.82	.31	.99	.18	1.69	.26
9498	106	5	.5	2.4	11.0	2.6	1.6	119.8	9	22.9	.3	1.7	<.1	51.2	<5	6	54.8	11.5	3.9	9.4	1.02	4.1	1.3	.22	1.21	.28	1.95	.35	1.12	.20	1.83	.29
9499	92	5	.9	2.1	11.3	2.1	1.2	113.1	9	15.4	.3	1.6	.2	40.9	<5	9	46.5	11.0	2.3	5.7	.64	2.5	1.0	.15	1.12	.28	1.93	.33	1.07	.19	1.86	.28
9500	72	3	.8	1.9	10.8	2.0	1.5	108.6	7	16.1	.4	2.5	.1	51.0	<5	5	46.5	11.3	3.3	7.9	.89	3.3	1.3	.17	1.27	.30	1.98	.33	1.07	.21	1.94	.29
9501	66	5	.7	2.2	11.3	1.0	4.8	113.9	7	17.3	1.1	1.4	.2	19.5	<5	8	22.6	9.5	2.6	6.1	.69	2.6	1.0	.18	1.05	.25	1.69	.31	.93	.15	1.43	.22
9502	43	4	1.2	1.5	12.5	<.5	7.7	76.2	7	24.9	1.9	1.5	.1	9.5	<5	5	13.3	12.7	3.5	7.5	.87	3.0	1.1	.20	1.17	.29	2.04	.38	1.23	.20	1.67	.24
9503	53	10	20.2	1.9	16.1	<.5	6.0	65.4	6	23.0	1.0	32.4	.1	10.8	<5	9	7.7	137.0	37.4	78.1	8.59	31.9	7.4	1.61	8.03	2.13	17.58	4.16	14.14	2.17	15.48	2.17
9504	22	8	17.4	.8	15.6	.8	3.8	19.4	3	30.7	.7	11.5	<.1	7.9	<5	4	13.8	107.5	10.6	22.4	2.57	10.0	3.3	.91	5.25	1.48	12.93	3.23	11.30	1.75	11.94	1.70
9505	50	11	1.6	1.1	13.5	1.2	6.2	60.4	12	24.3	1.8	4.4	.1	14.6	<5	9	29.6	55.9	6.9	15.2	1.69	6.3	2.2	.52	3.29	.89	7.50	1.75	5.81	.91	6.53	.92
9506	113	4	4.2	2.4	17.8	6.5	18.8	82.7	19	70.8	3.3	13.4	.2	6.2	40	13	227.1	35.4	38.0	82.9	9.21	35.7	7.1	1.24	5.62	.90	6.22	1.20	3.79	.53	4.16	.64
RE 9506	111	1	4.2	2.3	18.3	6.6	18.0	79.0	17	73.4	3.1	13.3	.1	5.7	41	9	219.9	36.2	38.4	83.2	9.27	36.4	7.3	1.21	5.62	.92	6.19	1.24	3.85	.57	4.25	.66
RRE 9506	113	6	4.3	2.3	17.7	6.8	17.7	81.1	18	73.3	3.2	13.7	.1	5.6	41	11	220.5	35.9	39.5	84.9	9.56	37.9	7.2	1.26	5.64	.95	6.32	1.23	3.94	.56	4.25	.67
9507	37	3	1.1	.9	10.8	.8	4.9	42.4	7	28.6	1.4	2.3	.1	9.9	<5	4	23.0	10.1	7.0	15.6	1.80	6.7	1.6	.25	1.44	.28	1.71	.32	.99	.15	1.37	.20
9508	72	5	2.7	1.9	13.5	2.8	12.5	64.0	14	33.2	4.1	8.6	.1	9.9	17	8	89.2	46.2	19.6	43.1	4.87	18.5	4.3	.75	4.45	.88	6.41	1.45	4.86	.76	5.22	.75
9509	75	8	2.9	2.0	13.9	2.9	24.6	65.1	16	60.9	28.4	6.3	.1	16.5	22	6	96.8	23.3	16.1	35.2	3.90	15.4	3.3	.59	3.14	.56	3.57	.70	2.24	.35	2.80	.41
9510	40	3	1.9	1.5	13.8	1.2	9.3	43.0	10	35.3	2.6	4.9	.1	8.8	8	8	35.0	48.5	7.3	16.0	1.88	7.0	2.1	.45	2.77	.72	5.93	1.49	5.01	.75	5.29	.73
9511	64	9	4.0	2.4	16.5	2.5	11.6	53.3	16	37.7	2.8	6.9	.1	8.5	20	6	74.7	39.6	17.1	36.9	4.21	16.1	3.5	.66	3.61	.71	5.35	1.25	4.23	.63	4.37	.60
9512 HLOO-10	18	36	2.0	.8	13.7	<.5	7.6	22.3	6	24.8	2.1	30.9	<.1	4.8	12	9	7.3	186.1	25.8	56.4	6.28	24.9	6.0	1.69	8.60	2.50	22.36	5.78	19.01	2.66	16.94	2.27
STANDARD	2083	<1	22.0	2.7	16.9	24.7	29.6	61.8	16	380.0	1.7	25.2	1.2	22.0	146	20	1057.4	22.5	27.4	55.4	6.06	22.6	4.4	.99	4.07	.57	3.85	.79	2.38	.34	2.53	.39

Standard is STANDARD SO-15. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Ba ppm	Be ppm	Co ppm	Cs ppm	Ga ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	Th ppm	Tl ppm	U ppm	V ppm	W ppm	Zr ppm	Y ppm	La ppm	Ce ppm	Pr ppm	Nd ppm	Sm ppm	Eu ppm	Gd ppm	Tb ppm	Dy ppm	Ho ppm	Er ppm	Tm ppm	Yb ppm	Lu ppm
9513 HLDO-10	23	13	2.0	1.3	13.9	<.5	7.0	35.2	8	22.0	2.2	13.3	.1	4.3	9	5	5.4	24.7	16.5	34.5	3.93	14.9	2.7	.55	2.39	.43	3.02	.66	2.11	.35	2.21	.29
9514	42	6	<.5	2.5	13.8	<.5	12.0	83.8	16	30.3	2.5	1.1	.2	9.3	6	10	5.0	10.3	2.6	5.7	.65	2.4	.9	.16	1.02	.28	1.52	.29	.82	.16	1.24	.18
9515	73	3	.7	2.6	12.1	<.5	8.6	108.1	11	20.6	1.5	.9	.2	9.9	<5	11	6.7	10.3	1.4	3.1	.37	1.5	.6	.15	.82	.22	1.37	.29	.87	.15	1.18	.19
9516	67	3	1.2	2.0	11.3	<.5	7.7	94.3	9	21.1	1.4	.9	.1	7.5	<5	8	8.3	9.0	1.7	3.6	.42	1.7	.6	.16	.71	.18	1.23	.24	.76	.14	1.04	.15
9517	106	5	.7	2.5	14.3	<.5	9.9	157.1	7	12.1	2.0	1.1	.3	11.2	<5	2	7.3	9.6	3.5	7.0	.78	2.8	.8	.23	.96	.22	1.43	.26	.78	.14	1.04	.15
9518	98	5	1.3	2.7	14.3	.8	10.6	157.4	10	12.8	1.8	1.5	.4	11.9	5	4	15.4	13.8	4.1	7.9	.83	3.0	.9	.34	1.28	.30	2.02	.36	1.08	.19	1.51	.22
9519	65	4	1.7	2.6	12.6	.6	10.9	132.6	8	8.8	1.8	2.2	.4	11.9	<5	12	12.1	13.5	4.8	10.1	1.13	4.4	1.5	.27	1.56	.37	2.18	.38	1.11	.21	1.56	.24
9520	75	3	1.6	3.5	13.0	<.5	7.3	140.2	8	9.2	1.4	2.4	.7	9.3	<5	11	6.5	13.1	4.6	10.1	1.18	4.5	1.3	.34	1.55	.34	1.98	.37	1.05	.19	1.46	.20
9521	121	4	9.1	2.7	15.6	6.9	14.5	126.2	6	11.0	1.8	12.3	.8	6.3	34	8	220.7	37.6	39.5	77.6	8.87	34.5	6.4	1.23	5.43	.95	5.53	1.15	3.46	.56	3.55	.59
9522	85	4	1.8	4.1	11.9	1.0	6.2	152.9	8	11.4	2.0	1.8	.5	13.8	<5	10	17.9	13.9	8.7	16.7	1.77	6.6	1.5	.44	1.55	.34	2.02	.39	1.19	.21	1.58	.25
RE 9522	86	3	1.8	4.4	12.1	.9	6.3	153.6	8	12.2	1.8	1.6	.9	14.9	<5	10	15.5	13.3	8.1	15.8	1.63	6.4	1.5	.42	1.53	.32	2.02	.36	1.10	.20	1.55	.25
RRE 9522	90	1	1.7	4.7	12.5	.9	6.1	153.6	8	12.5	1.8	1.7	.5	23.1	<5	6	15.4	12.8	7.5	14.4	1.54	6.0	1.5	.38	1.55	.31	2.02	.36	1.07	.21	1.55	.23
9523	138	2	2.2	2.7	12.3	2.7	6.3	112.1	7	21.4	1.0	4.9	.3	10.1	10	9	74.8	20.1	16.5	34.2	3.86	14.9	3.3	.55	3.08	.54	3.05	.60	1.79	.32	2.16	.35
9524	78	3	.7	2.8	11.7	.9	6.8	139.3	7	11.6	2.0	1.6	.3	15.9	<5	6	18.4	13.1	3.6	7.9	.87	3.5	1.1	.22	1.33	.31	1.97	.36	1.09	.21	1.76	.28
9525	181	5	3.4	3.4	17.5	3.9	12.8	162.5	11	20.8	2.5	7.6	.2	15.5	26	10	114.0	28.6	25.1	51.6	5.80	22.1	5.0	.69	4.12	.76	4.44	.87	2.54	.43	3.12	.47
9526	179	7	5.7	2.8	17.5	7.1	13.1	150.8	10	32.8	1.6	11.7	.3	6.2	38	8	218.7	42.4	39.1	82.6	9.24	36.0	6.8	1.02	5.96	1.06	6.16	1.31	3.91	.58	4.17	.65
9527	75	2	1.2	2.1	8.0	.5	3.9	110.9	5	14.2	1.1	.8	.2	7.3	<5	5	12.0	11.3	2.3	5.0	.65	2.8	1.0	.24	1.31	.32	1.75	.31	.93	.17	1.35	.21
9528	66	5	1.0	2.8	10.7	1.3	7.6	136.5	10	9.0	2.5	1.1	.2	15.3	<5	14	22.8	10.0	1.6	3.8	.46	1.8	.8	.20	.98	.24	1.48	.27	.86	.17	1.41	.22
9529	74	3	1.4	2.6	10.0	.6	3.1	120.0	6	10.5	.9	1.4	.2	11.3	<5	9	12.0	11.6	2.3	5.3	.60	2.2	.9	.23	1.11	.29	1.68	.31	.99	.20	1.42	.24
9530	88	5	.5	2.9	13.4	.9	7.9	169.4	10	16.8	1.6	.8	.3	14.5	<5	10	15.4	11.3	1.7	4.1	.48	1.8	.9	.20	1.11	.29	1.71	.30	.92	.17	1.37	.22
9531	93	4	.7	2.3	9.1	<.5	2.3	142.8	5	15.3	.7	.6	.2	8.2	<5	50	5.8	6.1	1.6	3.4	.38	1.5	.6	.18	.72	.17	.93	.18	.52	.10	.84	.12
9532	57	5	1.0	2.0	11.7	<.5	5.1	101.9	8	19.3	1.4	1.0	.2	14.9	<5	7	8.1	7.9	2.5	5.4	.62	2.3	.9	.15	.93	.22	1.27	.21	.63	.13	1.02	.15
9533	87	3	3.2	2.2	13.5	1.1	6.9	137.7	10	14.8	2.5	3.3	.3	9.8	<5	9	15.4	26.0	2.7	6.1	.70	2.9	1.1	.30	1.66	.47	3.18	.73	2.39	.48	3.19	.46
9534	58	4	22.1	1.8	12.8	<.5	5.1	83.0	2	23.4	1.4	1.8	.1	10.8	<5	7	10.2	7.4	1.7	4.4	.47	2.1	.7	.20	.68	1.60	.94	.21	.64	.10	.84	.14
RE 9534	56	4	19.4	1.8	12.7	.6	5.0	85.4	2	22.1	1.3	1.5	.1	11.9	<5	6	11.1	7.4	1.8	4.0	.48	2.0	.7	.18	.73	.16	.93	.19	.60	.08	.68	.11
RRE 9534	55	5	20.3	1.7	12.4	<.5	5.4	85.0	4	23.1	1.6	1.6	.1	8.3	<5	8	6.0	6.5	1.5	3.2	.38	1.7	.7	.14	.77	.17	.99	.18	.54	.09	.76	.12
9535	119	4	.8	2.5	14.0	<.5	6.7	180.6	5	17.3	1.5	1.1	.3	6.4	<5	9	4.8	10.3	3.5	6.5	.67	2.7	1.0	.27	1.08	.24	1.63	.29	.86	.15	1.15	.16
9536	31	2	.8	.8	12.6	<.5	5.5	45.6	5	25.3	1.5	1.3	.1	4.3	<5	8	5.3	8.2	2.0	4.3	.50	2.1	.7	.21	.77	.20	1.16	.22	.67	.12	.92	.14
9537	31	2	.8	.9	13.4	<.5	3.2	38.4	4	32.2	1.1	.6	<.1	13.5	<5	5	5.9	7.3	1.0	2.3	.25	1.2	.5	.15	.64	.17	1.05	.20	.58	.11	.82	.12
9538	29	2	1.5	.8	14.0	<.5	4.8	35.9	4	33.7	2.0	1.9	.1	3.7	<5	8	9.1	12.1	6.2	13.1	1.34	4.8	1.4	.26	1.25	.27	1.63	.34	1.01	.18	1.28	.18
9539	36	3	1.4	.9	14.5	.6	5.8	45.7	5	34.8	1.8	1.4	<.1	9.9	<5	5	12.2	14.5	5.6	11.3	1.19	4.4	1.1	.25	1.29	.29	1.99	.40	1.23	.21	1.59	.25
9540	23	3	.7	.7	14.1	.8	5.0	24.8	3	37.3	1.2	2.3	<.1	13.0	<5	3	16.7	16.6	4.5	9.4	1.01	4.2	1.1	.27	1.38	.34	2.21	.45	1.41	.26	1.89	.28
9541 HLOD-10	48	7	.7	.9	11.3	.7	4.0	53.6	6	30.8	1.1	1.6	.1	8.9	<5	8	13.9	14.6	3.5	7.4	.84	3.3	1.1	.24	1.29	.32	2.00	.40	1.21	.22	1.68	.27
STANDARD SO-15	2055	<1	21.8	3.0	16.1	27.3	31.1	66.8	18	392.5	1.8	24.4	.9	20.5	147	20	1049.6	25.1	30.4	59.9	6.18	24.4	4.4	1.10	4.13	.63	3.72	.76	2.38	.37	2.53	.42

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

SAMPLE#	Ba ppm	Be ppm	Co ppm	Cs ppm	Ga ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	Th ppm	Tl ppm	U ppm	V ppm	W ppm	Zr ppm	Y ppm	La ppm	Ce ppm	Pr ppm	Nd ppm	Sm ppm	Eu ppm	Gd ppm	Tb ppm	Dy ppm	Ho ppm	Er ppm	Tm ppm	Yb ppm	Lu ppm
9542 HLOD-10	18	14	1.8	.7	9.8	.9	3.9	21.5	4	28.0	.8	4.2	<.1	9.1	18	10	20.9	118.1	3.1	6.2	.73	2.9	1.3	.56	4.23	1.41	14.79	3.73	12.98	1.89	11.32	1.68
9543	14	11	1.0	.7	11.0	.8	2.8	20.6	3	24.7	.6	3.0	<.1	6.1	11	5	22.0	81.7	3.0	6.4	.67	2.6	1.3	.38	2.99	.97	9.78	2.39	8.58	1.29	7.99	1.11
9544	29	2	.7	.9	8.5	<.5	1.4	42.9	5	31.9	.3	.7	<.1	8.5	9	7	8.5	8.8	1.3	3.0	.33	1.2	.6	.11	.74	.19	1.41	.26	.92	.15	1.24	.20
9545	32	9	.8	.9	10.2	1.5	2.7	41.8	4	40.4	.4	2.1	.1	27.7	<5	6	36.9	13.4	4.7	11.0	1.18	4.0	1.3	.16	1.49	.34	2.38	.40	1.29	.23	1.97	.33
9546	22	4	.9	1.2	11.8	1.6	3.7	43.1	4	47.1	1.0	4.2	.4	40.0	<5	10	47.4	33.9	8.7	19.1	2.09	7.5	2.7	.20	3.06	.67	5.47	1.00	3.34	.56	4.50	.71
9547	39	5	1.3	1.4	13.8	1.4	7.8	52.2	6	44.7	2.2	3.2	.2	20.7	7	7	30.0	42.2	4.6	10.1	1.15	3.9	1.6	.32	2.46	.67	5.87	1.25	4.42	.66	4.53	.68
9548	10	14	7.2	.5	5.5	.9	4.6	12.6	5	14.8	.9	8.7	<.1	3.8	<5	14	30.1	209.5	8.7	18.1	2.05	7.8	2.4	.86	7.10	2.43	25.58	6.24	21.57	2.78	16.73	2.28
9549	30	7	1.5	2.3	16.1	1.1	10.8	80.7	13	38.3	3.2	2.6	.4	41.6	<5	10	22.8	14.3	4.9	9.6	1.03	3.8	1.3	.18	1.44	.33	2.34	.46	1.51	.28	2.12	.34
9550	142	6	6.4	2.3	16.8	5.0	14.2	60.2	13	82.4	3.3	9.9	.2	6.7	29	16	153.1	35.0	26.1	57.6	6.61	26.2	5.9	.95	5.91	.91	6.28	1.16	3.90	.52	3.72	.57
9551	240	3	4.6	2.9	13.4	3.3	10.5	106.4	9	56.5	2.4	6.2	.5	15.8	17	10	94.0	21.8	16.1	34.2	3.91	15.5	3.5	.57	3.53	.56	3.78	.71	2.32	.34	2.68	.41
9552	26	5	.6	2.0	13.8	1.0	5.6	80.7	6	35.5	1.2	1.5	.2	17.4	<5	11	21.7	14.2	3.6	7.7	.84	2.8	1.2	.13	1.42	.36	2.47	.42	1.37	.24	2.07	.36
RE 9552	27	6	.7	2.1	13.4	1.2	5.5	83.4	6	37.4	1.2	1.2	.2	17.5	<5	11	25.9	13.7	3.1	7.0	.76	2.7	1.0	.14	1.40	.32	2.45	.40	1.34	.22	1.96	.33
RRE 9552	26	5	.7	2.0	13.8	1.2	5.5	82.7	6	36.4	1.3	1.4	.2	19.4	<5	8	28.5	15.6	3.5	7.5	.84	2.9	1.2	.16	1.45	.38	2.51	.45	1.53	.27	2.29	.36
9553	42	4	.8	2.6	6.7	1.3	1.2	109.6	3	35.4	.3	1.0	.3	15.1	<5	10	30.3	11.8	2.1	4.7	.50	1.9	.8	.09	1.06	.27	2.00	.35	1.14	.21	1.72	.28
9554	48	8	.9	1.5	12.6	.7	5.2	59.5	9	40.8	2.3	2.3	<.1	25.3	<5	7	14.7	8.8	4.7	10.9	1.17	4.2	1.5	.15	1.28	.25	1.56	.25	.83	.14	1.24	.19
9555	13	4	1.2	.9	11.8	1.8	2.0	36.2	3	26.8	.4	3.8	<.1	31.7	<5	11	44.6	18.5	8.7	19.6	2.20	7.6	2.6	.13	2.47	.50	3.12	.53	1.73	.30	2.57	.43
9556	37	8	1.1	1.7	11.4	1.0	5.2	92.2	7	36.3	1.1	1.0	.1	24.2	<5	9	22.7	10.3	2.5	5.2	.58	2.1	.9	.16	.92	.22	1.76	.31	1.08	.19	1.94	.34
9557	72	2	.7	1.2	12.8	.9	3.4	75.0	10	31.5	.6	.9	.1	20.1	<5	11	21.1	8.5	1.8	4.0	.44	1.6	.5	.20	.82	.20	1.39	.25	.86	.15	1.38	.23
9558	20	5	.5	3.1	11.6	1.0	7.8	179.9	6	29.5	1.9	1.5	.4	22.1	<5	7	21.9	12.9	3.0	6.7	.75	2.7	1.1	.16	1.30	.32	2.17	.38	1.34	.22	2.00	.31
9559	11	6	<.5	2.3	11.4	.8	6.8	125.1	4	24.2	1.4	1.4	.3	18.2	<5	8	20.8	14.1	3.6	8.1	.85	3.1	1.2	.15	1.42	.34	2.33	.44	1.40	.24	2.16	.35
9560	10	4	<.5	2.4	13.4	1.4	8.8	114.7	6	27.8	1.8	3.5	.2	33.2	<5	7	34.0	28.1	8.7	19.4	2.09	7.5	2.8	.17	3.16	.73	4.94	.87	2.84	.48	4.06	.66
9561	12	9	.6	2.1	12.9	1.1	7.7	86.7	7	30.7	1.3	3.4	.1	37.1	<5	10	34.0	26.3	7.1	15.2	1.73	6.3	2.1	.20	2.48	.64	4.34	.79	2.68	.42	3.49	.55
9562	15	4	1.3	1.2	11.3	1.3	1.5	46.7	3	32.7	.4	1.7	<.1	23.5	<5	6	31.0	12.7	4.2	9.3	1.05	3.9	1.3	.14	1.40	.32	2.14	.35	1.20	.20	1.87	.31
9563	26	4	2.2	.7	11.3	.9	3.8	31.9	6	33.2	.9	1.1	<.1	21.4	<5	10	22.8	12.2	2.4	5.3	.60	2.3	.8	.14	1.08	.27	1.94	.35	1.16	.19	1.72	.28
9564	9	2	2.0	.8	9.5	.8	4.0	34.8	35	27.0	.9	1.5	<.1	19.8	<5	7	16.8	11.3	4.2	8.9	.95	3.4	1.1	.14	1.13	.27	1.79	.35	1.12	.18	1.59	.26
RE 9564	10	5	.8	.8	9.5	.8	3.5	33.4	5	25.0	.8	1.4	<.1	21.0	<5	7	19.5	11.4	4.5	9.4	.98	3.9	1.2	.14	1.25	.28	1.87	.36	1.19	.18	1.69	.26
RRE 9564	9	7	.9	.7	9.6	.9	4.0	34.4	5	27.4	.9	1.5	<.1	23.8	<5	10	19.9	11.2	4.6	9.6	1.00	3.8	1.2	.14	1.27	.28	1.81	.34	1.13	.17	1.63	.26
9565	18	4	.8	2.0	9.1	.9	1.1	78.7	3	31.5	.4	1.6	.1	16.7	<5	6	25.2	12.3	5.0	10.9	1.16	4.1	1.4	.13	1.35	.31	2.01	.36	1.21	.20	1.83	.30
9566	51	7	2.0	1.2	12.2	1.0	5.0	66.5	8	39.7	1.3	1.3	.1	17.9	<5	11	20.7	11.5	3.0	6.7	.73	2.9	1.1	.18	1.22	.30	1.88	.33	1.14	.20	1.68	.28
9567	10	3	.7	.9	11.8	1.0	4.5	35.7	4	33.7	1.1	1.1	.1	10.1	<5	7	23.6	10.9	3.5	7.4	.80	2.9	1.0	.13	1.15	.26	1.69	.31	1.10	.17	1.62	.25
9568	45	4	1.0	2.2	13.2	.9	5.8	106.0	8	42.7	1.2	1.2	.2	20.0	<5	12	19.5	10.9	2.9	6.2	.70	2.5	1.0	.17	1.07	.27	1.73	.33	1.11	.19	1.69	.26
9569	14	4	.5	4.0	14.0	1.7	9.2	151.7	8	30.6	1.9	3.0	.3	44.2	<5	8	43.0	29.4	5.9	13.6	1.53	5.8	2.2	.17	2.57	.68	4.25	.84	2.73	.45	4.01	.59
9570 HLOD-10	9	7	.7	1.9	10.5	1.1	2.2	69.6	3	28.1	.6	1.6	.1	17.1	<5	9	24.2	16.0	4.1	9.2	.97	3.7	1.2	.12	1.46	.35	2.43	.45	1.52	.25	2.26	.35
STANDARD	2016	1	22.0	2.9	17.4	26.1	31.5	64.4	18	391.9	1.8	24.9	1.1	22.2	151	21	1052.8	22.7	27.8	58.6	6.07	23.3	4.4	1.01	4.10	.57	3.85	.75	2.52	.38	2.48	.42

Standard is STANDARD SO-15. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Ba ppm	Be ppm	Co ppm	Cs ppm	Ga ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	Th ppm	Tl ppm	U ppm	V ppm	W ppm	Zr ppm	Y ppm	La ppm	Ce ppm	Pr ppm	Nd ppm	Sm ppm	Eu ppm	Gd ppm	Tb ppm	Dy ppm	Ho ppm	Er ppm	Tm ppm	Yb ppm	Lu ppm
9571 W LOC-10	22	5	.9	4.4	10.8	1.0	5.8	157.0	7	38.7	1.3	1.8	.3	27.3	13	4	23.4	21.5	6.3	14.2	1.55	5.7	1.8	.23	2.20	.54	3.37	.60	2.08	.37	2.97	.48
9572	12	4	1.1	3.4	13.9	.9	10.5	134.4	10	29.4	2.2	2.5	<.1	28.8	6	9	19.7	19.5	5.8	13.0	1.35	5.0	1.6	.18	1.84	.49	3.05	.58	1.90	.35	2.81	.46
9573	7	12	1.0	1.1	11.7	1.4	5.2	44.3	6	30.9	1.5	2.4	<.1	20.3	<5	5	28.4	20.2	5.9	13.6	1.42	5.7	1.8	.16	1.92	.51	3.08	.57	1.90	.37	2.87	.47
9574	17	5	1.1	1.1	11.1	.7	3.8	49.5	5	31.3	.8	1.2	<.1	10.5	<5	9	14.3	12.8	3.0	6.6	.74	2.7	.9	.13	1.19	.32	1.98	.37	1.19	.21	1.81	.30
9575	37	9	1.4	1.8	11.8	1.1	5.7	91.3	9	45.0	1.6	2.0	.6	20.3	<5	11	26.3	20.4	5.3	11.6	1.27	4.9	1.4	.21	1.88	.50	3.10	.55	1.81	.33	2.61	.42
9576	13	5	1.4	1.7	9.5	1.5	1.7	64.1	3	32.5	.8	2.7	.5	22.0	<5	9	34.3	12.1	4.4	8.8	.99	3.5	1.1	.16	1.21	.33	1.83	.35	1.06	.22	1.53	.27
9577	9	4	1.2	2.4	13.0	1.0	11.3	101.1	8	34.4	4.7	1.1	<.1	17.0	<5	7	19.2	13.3	3.8	7.8	.83	3.0	1.2	.21	1.28	.35	2.17	.36	1.20	.23	1.72	.28
9578	16	4	1.0	3.5	11.9	.7	7.1	148.6	7	34.0	1.4	1.3	<.1	11.8	<5	11	14.8	10.6	3.7	7.9	.81	3.1	1.0	.19	1.09	.27	1.62	.28	.94	.18	1.40	.21
9579	23	6	1.1	3.1	10.3	.8	3.4	108.5	3	38.4	.7	1.4	<.1	18.3	<5	6	21.4	10.6	3.2	7.2	.76	2.6	.8	.15	.99	.27	1.61	.30	.99	.19	1.40	.22
9580	32	10	1.4	2.2	10.7	.8	5.5	100.6	6	40.9	1.0	2.0	<.1	23.5	<5	12	17.7	14.5	4.2	9.3	.99	3.8	1.2	.21	1.39	.35	2.24	.41	1.30	.23	1.85	.30
RE 9580	35	13	1.4	2.2	10.4	.6	5.6	96.4	5	40.0	1.1	1.7	<.1	17.3	<5	12	14.3	14.1	3.8	8.5	.92	3.4	1.1	.20	1.31	.35	2.12	.40	1.32	.24	1.82	.30
RRE 9580	33	10	1.5	2.1	10.7	.8	5.5	97.1	6	39.9	1.0	1.8	<.1	17.4	<5	8	18.6	15.5	3.9	8.7	.92	3.5	1.1	.21	1.35	.35	2.30	.42	1.41	.25	1.99	.32
9581	15	3	1.3	2.8	12.8	1.1	9.3	123.6	7	35.6	1.9	3.3	<.1	31.1	<5	10	24.2	27.2	7.0	16.2	1.76	6.2	2.1	.24	2.47	.65	4.13	.75	2.45	.44	3.43	.55
9582	14	9	1.4	1.2	12.3	1.0	9.3	58.4	7	34.7	2.7	4.7	<.1	29.9	<5	5	23.1	37.3	8.7	19.9	2.17	8.0	2.7	.28	3.06	.82	5.41	1.05	3.50	.61	4.41	.67
9583	31	4	1.9	2.1	13.1	1.3	10.0	108.1	8	36.0	2.7	2.5	<.1	32.0	<5	15	25.1	19.0	5.3	12.5	1.37	4.9	1.8	.21	1.90	.52	3.18	.57	1.88	.35	2.64	.43
9584	11	10	1.2	1.9	13.8	1.1	11.6	87.4	7	35.8	3.0	3.1	<.1	36.8	<5	10	27.4	25.3	6.2	14.5	1.54	6.0	1.9	.20	2.34	.65	4.05	.72	2.36	.40	3.31	.50
9585	19	5	.9	1.6	12.5	1.1	7.9	72.6	7	36.6	1.9	2.0	<.1	25.6	<5	8	27.5	14.2	4.2	9.5	1.03	3.8	1.1	.19	1.34	.36	2.27	.40	1.36	.25	1.95	.32
9586	29	6	1.2	1.8	10.3	<.5	6.2	80.6	6	30.5	1.1	.9	<.1	7.6	<5	4	8.1	7.7	2.4	5.4	.55	2.1	.6	.13	.72	.20	1.18	.21	.74	.13	1.01	.16
9587	56	7	1.7	2.1	11.5	<.5	6.9	122.0	6	22.5	1.4	2.3	<.1	7.2	<5	9	6.0	97.2	2.0	4.4	.50	2.5	1.4	.54	3.37	1.26	10.99	2.71	9.43	1.41	8.36	1.19
9588	65	5	1.5	2.5	10.9	<.5	5.7	154.0	7	12.4	1.3	5.7	<.1	10.9	<5	7	8.5	182.3	2.4	6.0	.70	3.4	2.3	1.13	6.92	2.47	20.45	4.96	17.72	2.67	16.59	2.41
9589	53	3	1.1	2.1	9.7	<.5	7.3	125.6	7	24.5	1.8	.6	<.1	5.9	<5	9	6.1	6.6	2.4	5.1	.55	2.0	.6	.16	.70	.17	1.11	.20	.67	.12	.93	.14
9590	51	3	1.3	2.6	12.1	1.9	5.8	149.3	8	15.2	.9	2.6	<.1	29.6	<5	9	41.0	17.8	4.5	10.3	1.10	4.1	1.4	.18	1.50	.40	2.78	.48	1.65	.31	2.37	.39
9591	20	3	1.3	1.7	13.7	1.8	7.7	101.6	8	28.4	1.2	2.8	<.1	29.9	<5	13	38.8	21.4	3.2	7.5	.83	3.4	1.2	.16	1.67	.48	3.13	.60	1.96	.37	2.80	.45
9592	19	4	1.3	1.0	11.4	1.0	6.3	53.6	6	39.9	1.4	2.5	<.1	20.7	<5	8	21.7	21.6	5.3	11.9	1.26	4.7	1.5	.21	1.84	.50	3.26	.60	1.98	.36	2.71	.43
RE 9592	18	4	1.1	1.0	11.1	1.0	6.3	52.6	6	40.6	1.4	2.5	<.1	22.2	<5	6	20.7	20.0	5.2	11.8	1.26	4.8	1.6	.21	1.73	.46	2.98	.56	1.86	.33	2.60	.42
RRE 9592	19	4	1.2	1.0	11.1	1.2	7.3	55.3	6	38.4	1.5	2.8	<.1	22.8	<5	8	27.3	21.5	5.8	12.6	1.32	5.1	1.7	.22	1.72	.50	3.08	.62	2.02	.35	2.81	.45
9593	19	7	.8	2.6	13.2	1.0	11.1	122.4	8	40.8	2.6	3.6	<.1	30.0	<5	7	22.3	26.7	6.9	16.5	1.72	6.6	2.1	.20	2.51	.66	4.20	.73	2.38	.41	3.34	.51
9594	24	12	1.3	2.1	13.3	1.0	6.4	98.9	6	40.1	1.3	3.5	<.1	32.5	<5	10	21.8	25.3	8.0	18.2	1.97	7.2	2.2	.19	2.28	.59	3.85	.72	2.59	.51	4.09	.68
9595	91	7	6.1	2.2	15.0	3.9	14.4	117.0	9	57.2	3.2	8.0	.1	18.4	28	9	116.5	29.3	21.2	45.9	5.06	20.4	3.9	.56	3.82	.72	4.40	.85	2.75	.44	3.14	.50
9596	95	8	4.4	2.2	17.7	5.0	21.0	151.0	13	57.2	5.1	8.5	.1	9.9	30	12	149.3	29.4	25.9	57.5	6.25	24.8	4.9	.81	4.40	.77	4.84	.89	2.84	.46	3.14	.50
9597	42	5	2.1	2.7	9.7	.9	5.3	124.5	5	45.4	1.2	.5	.2	7.9	5	13	19.6	6.0	1.3	2.8	.30	1.2	.4	.12	.47	.13	.87	.17	.60	.12	.96	.16
9598	50	5	1.4	1.8	12.4	1.3	6.9	103.9	10	41.7	1.3	1.4	.2	20.0	6	12	26.0	12.3	3.4	7.6	.75	2.7	.8	.24	1.01	.24	1.80	.33	1.25	.25	2.12	.37
9599 HLOC-10	36	4	2.7	1.4	9.9	.6	6.3	72.8	8	38.7	1.3	.9	.1	9.9	9	8	13.5	9.9	2.9	6.3	.63	2.2	.7	.26	.83	.23	1.54	.28	.89	.16	1.32	.22
STANDARD	1950	1	23.6	2.7	16.6	27.4	30.6	64.2	17	385.8	2.0	24.4	1.3	20.3	144	19	1041.8	24.0	28.6	60.6	6.23	25.4	4.5	.96	4.00	.62	3.72	.77	2.48	.37	2.52	.42

Standard is STANDARD SO-15. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ✓ FA ___

SAMPLE#	Ba ppm	Be ppm	Co ppm	Cs ppm	Ga ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	Th ppm	Tl ppm	U ppm	V ppm	W ppm	Zr ppm	Y ppm	La ppm	Ce ppm	Pr ppm	Nd ppm	Sm ppm	Eu ppm	Gd ppm	Tb ppm	Dy ppm	Ho ppm	Er ppm	Tm ppm	Yb ppm	Lu ppm
9600 HL 06-10	28	4	.9	3.3	10.3	.7	6.2	141.6	6	41.5	1.6	1.5	.2	17.1	<5	6	19.7	12.0	3.8	8.2	.85	3.1	.9	.14	1.08	.28	1.74	.37	1.30	.23	2.02	.30
9601	29	6	.8	3.8	11.1	1.3	5.6	154.5	5	41.0	1.0	1.9	.3	32.5	<5	11	29.2	12.8	4.0	8.9	.92	3.2	1.1	.17	1.17	.31	1.90	.38	1.29	.25	2.13	.31
9602 HL 06-10	21	6	.8	1.9	11.9	1.5	5.2	77.3	6	49.6	1.7	1.9	.1	20.5	<5	6	33.7	15.9	4.0	8.7	.92	3.3	1.1	.21	1.33	.36	2.32	.51	1.70	.33	2.69	.36
RE 9602	20	6	.9	2.0	12.0	1.7	5.2	80.3	7	50.1	1.9	1.7	.1	23.2	<5	5	37.1	14.6	3.7	8.3	.84	3.0	1.0	.22	1.23	.32	2.17	.47	1.58	.28	2.50	.35
STANDARD SO-15	2016	1	24.1	2.9	17.0	26.7	30.9	65.9	17	409.5	1.8	26.4	.9	20.2	140	20	1052.3	23.3	28.8	60.4	6.22	24.0	4.4	.98	4.01	.58	3.75	.77	2.47	.37	2.62	.41

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	As ppm	Cd ppm	Sb ppm	Bi ppm
8057	3	1	5	4	2	13	<.2	<.5	<.5
8058	2	1	3	2	2	6	<.2	<.5	<.5
8059	4	1	3	2	2	3	<.2	<.5	<.5
8060	3	1	4	7	2	2	<.2	<.5	<.5
8061	4	2	<3	4	3	5	<.2	<.5	<.5
8062	3	2	3	10	2	15	<.2	<.5	<.5
8063	3	3	122	64	2	7	.7	<.5	<.5
8892	3	1	33	6	1	9	<.2	<.5	.8
8893	4	3	21	11	3	21	<.2	<.5	<.5
8894	3	4	14	7	2	98	.2	<.5	.6
RE 8894	3	4	14	8	2	102	.2	<.5	<.5
RRE 8894	5	4	14	8	3	104	.2	<.5	<.5
8895	3	3	21	8	1	145	.2	<.5	1.0
8896	4	4	29	17	3	252	.2	<.5	<.5
8897	2	3	100	14	1	32	.2	<.5	<.5
8898	4	4	32	21	2	22	.2	<.5	<.5
8899	2	2	14	7	1	18	<.2	<.5	1.0
8900	5	13	19	155	3	21	.2	5.8	1.1
9442	3	7	245	17	1	161	<.2	<.5	4.7
9443	4	5	11	4	2	2	<.2	<.5	1.0
9444	3	5	60	11	2	5	.2	<.5	2.3
9445	3	4	40	9	2	60	<.2	<.5	.7
9446	2	2	44	16	1	57	.2	<.5	.6
9447	4	2	38	14	2	9	<.2	<.5	.9
9448	2	2	11	4	1	28	<.2	<.5	.8
RE 9448	2	3	10	4	1	28	<.2	<.5	.6
RRE 9448	4	3	12	4	2	35	<.2	<.5	.7
9449	2	4	14	12	1	16	<.2	<.5	<.5
9450	4	3	8	1	2	10	<.2	<.5	1.0
9451	2	4	6	1	1	<2	<.2	<.5	.7
9452	4	5	49	2	3	<2	<.2	<.5	.5
9453	2	4	46	3	1	<2	<.2	<.5	2.7
9454	3	3	10	2	2	3	<.2	<.5	<.5
STANDARD C3	28	68	36	174	37	59	24.6	15.3	23.5
STANDARD G-2	1	3	<3	44	7	<2	.2	<.5	<.5

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	As ppm	Cd ppm	Sb ppm	Bi ppm
9455	3	2	8	2	1	<2	<.2	<.5	<.5
9456	3	3	7	5	2	<2	<.2	<.5	<.5
9457	3	6	11	11	2	7	.2	<.5	<.5
9458	4	5	11	7	2	18	.2	<.5	<.5
9459	2	2	7	2	1	<2	<.2	<.5	<.5
9460	3	2	7	2	2	<2	<.2	<.5	<.5
9461	2	2	5	2	1	<2	<.2	<.5	<.5
9462	4	3	54	2	2	<2	<.2	<.5	<.5
9463	2	6	11	3	1	4	<.2	<.5	<.5
9464	4	6	50	1	2	3	<.2	<.5	1.6
RE 9464	4	6	50	1	2	3	<.2	<.5	1.6
RRE 9464	2	5	54	1	1	2	<.2	<.5	1.7
9465	3	4	20	2	2	6	<.2	<.5	<.5
9466	2	2	22	8	1	2	<.2	<.5	<.5
9467	3	2	9	4	2	<2	<.2	<.5	<.5
9468	2	2	8	4	1	<2	<.2	<.5	<.5
9469	4	2	5	2	2	<2	<.2	<.5	<.5
9470	2	2	5	3	2	<2	<.2	<.5	<.5
9471	3	2	10	3	2	<2	<.2	<.5	<.5
9472	2	12	35	8	2	7	<.2	<.5	.8
9473	3	3	9	4	2	3	<.2	<.5	<.5
9474	2	5	13	15	2	4	<.2	.6	<.5
9475	4	6	22	18	3	5	.2	<.5	<.5
9476	3	6	10	5	3	3	<.2	<.5	<.5
RE 9476	3	7	11	4	3	3	<.2	<.5	<.5
RRE 9476	5	7	8	5	4	3	<.2	<.5	<.5
9477	4	13	8	3	4	5	<.2	.5	<.5
9478	4	4	12	2	3	2	<.2	<.5	<.5
9479	2	4	28	43	2	4	.4	<.5	.5
9480	3	2	33	2	2	<2	<.2	<.5	1.7
9481	2	2	16	6	1	<2	<.2	<.5	.5
9482	3	4	12	2	4	4	<.2	<.5	<.5
9483	3	2	7	1	2	<2	<.2	<.5	<.5
STANDARD C3	27	70	36	170	37	57	25.6	15.4	22.7
STANDARD G-2	2	3	3	44	7	<2	.2	.6	<.5

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data / FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	As ppm	Cd ppm	Sb ppm	Bi ppm
9484	4	2	10	1	3	<2	<.2	<.5	<.5
9485	3	5	11	2	2	3	<.2	<.5	<.5
9486	5	4	10	6	3	<2	<.2	<.5	<.5
9487	3	3	9	2	2	<2	<.2	<.5	<.5
9488	3	1	<3	1	2	<2	<.2	<.5	<.5
9489	2	1	6	1	1	2	<.2	.5	<.5
9490	3	1	9	1	2	<2	<.2	<.5	<.5
9491	2	1	3	5	2	<2	<.2	<.5	<.5
9492	4	2	11	11	5	6	<.2	<.5	2.5
9493	2	3	29	9	5	12	<.2	<.5	.5
9494	7	4	30	2	6	11	<.2	.7	<.5
RE 9494	7	4	31	2	6	11	<.2	<.5	<.5
RRE 9494	4	3	35	2	5	11	<.2	<.5	<.5
9495	4	2	50	4	175	80	.4	.7	4.0
9496	2	1	10	5	4	4	<.2	<.5	<.5
9497	4	2	6	6	2	<2	<.2	<.5	<.5
9498	2	1	5	2	1	<2	<.2	<.5	<.5
9499	4	1	5	1	2	<2	<.2	<.5	<.5
9500	2	1	6	<1	1	<2	<.2	<.5	<.5
9501	3	1	3	1	2	<2	<.2	<.5	<.5
9502	2	1	11	1	1	<2	<.2	<.5	<.5
9503	4	9	51	9	7	41	.2	<.5	.7
9504	2	12	195	6	5	25	<.2	1.1	2.7
9505	4	5	22	8	3	6	<.2	.5	<.5
9506	3	3	5	6	13	5	<.2	.7	<.5
RE 9506	3	3	5	6	13	5	<.2	.6	<.5
RRE 9506	3	3	5	7	13	5	<.2	.6	<.5
9507	2	2	18	5	2	<2	<.2	<.5	<.5
9508	3	3	60	5	3	4	<.2	.5	<.5
9509	2	1	7	3	6	2	<.2	<.5	<.5
9510	4	2	32	4	4	4	<.2	<.5	<.5
9511	2	3	26	9	9	8	<.2	<.5	<.5
9512	4	3	68	5	3	6	<.2	<.5	<.5
STANDARD C3	28	68	38	169	38	61	25.1	18.1	24.5
STANDARD G-2	1	2	<3	42	7	<2	.2	<.5	<.5

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	As ppm	Cd ppm	Sb ppm	Bi ppm
9513	3	4	73	7	2	6	<.2	<.5	<.5
9514	4	2	10	3	2	<2	<.2	<.5	<.5
9515	3	2	15	5	1	<2	<.2	<.5	<.5
9516	3	2	5	2	2	<2	<.2	<.5	<.5
9517	1	1	6	7	1	<2	<.2	<.5	<.5
9518	2	2	29	10	3	<2	<.2	<.5	.9
9519	2	1	6	4	2	<2	<.2	<.5	<.5
9520	3	1	3	2	3	<2	<.2	<.5	<.5
9521	4	2	<3	1	7	<2	<.2	<.5	<.5
9522	4	2	3	2	4	<2	<.2	<.5	<.5
RE 9522	4	2	3	1	4	<2	<.2	<.5	<.5
RRE 9522	3	2	4	2	3	<2	<.2	<.5	<.5
9523	5	2	10	12	5	<2	<.2	<.5	<.5
9524	2	1	12	8	2	<2	<.2	<.5	<.5
9525	4	1	<3	1	8	3	<.2	<.5	<.5
9526	5	2	<3	2	7	3	<.2	<.5	<.5
9527	2	1	3	3	2	<2	<.2	<.5	<.5
9528	5	4	14	6	3	<2	<.2	<.5	<.5
9529	3	2	15	9	3	<2	<.2	<.5	<.5
9530	4	2	5	3	2	<2	<.2	<.5	<.5
9531	2	1	<3	1	2	<2	<.2	<.5	<.5
9532	3	1	5	2	2	<2	<.2	<.5	<.5
9533	3	1	8	6	3	2	<.2	<.5	3.2
9534	5	2	9	2	9	6	<.2	<.5	1.7
RE 9534	5	1	8	2	9	5	<.2	<.5	1.4
RRE 9534	3	1	7	2	7	5	<.2	<.5	.6
9535	2	1	<3	3	2	<2	<.2	<.5	<.5
9536	1	1	14	2	1	<2	<.2	<.5	<.5
9537	3	2	53	5	2	<2	<.2	<.5	<.5
9538	2	2	14	3	2	<2	<.2	<.5	<.5
9539	2	4	20	2	2	<2	<.2	<.5	<.5
9540	2	3	22	3	1	<2	<.2	<.5	<.5
9541	3	4	15	9	2	<2	<.2	<.5	<.5
STANDARD C3	28	70	36	168	37	58	24.5	17.1	23.8
STANDARD G-2	2	3	3	43	7	<2	.2	<.5	<.5

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data / FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	As ppm	Cd ppm	Sb ppm	Bi ppm
9542	4	6	13	3	3	<2	<.2	<.5	<.5
9543	2	6	12	5	1	<2	.2	<.5	<.5
9544	3	3	7	2	2	<2	<.2	<.5	<.5
9545	3	4	26	21	1	<2	.2	.8	<.5
9546	5	4	14	2	3	<2	<.2	<.5	<.5
9547	3	5	11	5	2	3	<.2	<.5	<.5
9548	6	18	59	1	6	15	<.2	.6	1.1
9549	3	7	18	4	2	2	<.2	<.5	<.5
9550	4	4	47	26	10	5	.2	<.5	<.5
9551	3	11	18	8	6	<2	.2	<.5	<.5
9552	4	3	10	1	3	<2	<.2	<.5	<.5
RE 9552	4	2	10	1	3	<2	<.2	<.5	<.5
RRE 9552	3	2	11	1	2	<2	<.2	<.5	<.5
9553	4	3	19	1	3	8	<.2	<.5	1.8
9554	2	4	31	3	2	<2	<.2	<.5	6.8
9555	5	3	7	1	3	<2	<.2	<.5	<.5
9556	3	3	104	1	1	6	<.2	<.5	2.2
9557	4	2	35	2	2	12	<.2	<.5	.7
9558	2	2	68	5	1	<2	<.2	<.5	1.2
9559	4	2	7	4	2	4	<.2	<.5	1.1
9560	2	1	9	1	1	<2	<.2	<.5	3.5
9561	4	2	9	1	2	<2	<.2	<.5	.6
9562	3	33	282	2	2	11	.3	<.5	6.6
9563	4	41	237	38	2	228	.8	<.5	5.5
9564	3	4	52	2	2	<2	<.2	<.5	.9
RE 9564	3	4	54	2	2	<2	<.2	<.5	1.2
RRE 9564	4	5	61	2	2	<2	<.2	<.5	1.1
9565	3	2	8	2	2	<2	<.2	<.5	<.5
9566	4	19	55	11	3	19	.3	<.5	1.2
9567	3	8	8	1	2	83	<.2	<.5	<.5
9568	4	6	222	2	3	22	.2	<.5	4.9
9569	3	2	9	1	2	<2	<.2	<.5	.6
9570	4	2	9	<1	2	<2	<.2	<.5	<.5
STANDARD C3	29	63	36	174	38	59	25.4	18.2	23.8
STANDARD G-2	1	3	3	42	7	<2	.2	<.5	<.5

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	As ppm	Cd ppm	Sb ppm	Bi ppm
9571	2	3	9	2	1	115	.2	<.5	<.5
9572	4	3	9	1	2	3	<.2	<.5	1.6
9573	2	2	8	1	1	42	<.2	<.5	<.5
9574	4	3	14	2	4	2	<.2	<.5	.5
9575	2	3	61	2	1	5	<.2	<.5	2.0
9576	4	5	12	2	2	<2	<.2	<.5	<.5
9577	2	2	9	1	1	<2	<.2	<.5	<.5
9578	4	2	6	1	2	<2	<.2	<.5	<.5
9579	3	3	10	1	1	<2	<.2	<.5	<.5
9580	5	8	56	3	2	17	<.2	<.5	1.8
RE 9580	5	8	56	3	3	17	<.2	<.5	1.7
RRE 9580	2	9	63	4	1	24	.2	<.5	1.6
9581	4	6	36	3	2	2	<.2	<.5	3.8
9582	2	4	11	1	1	<2	<.2	<.5	1.1
9583	3	33	35	3	2	<2	<.2	<.5	2.3
9584	3	3	12	2	1	<2	<.2	<.5	1.3
9585	4	2	14	9	2	<2	<.2	<.5	.5
9586	2	2	18	4	1	<2	<.2	<.5	<.5
9587	4	2	9	4	2	2	<.2	<.5	<.5
9588	2	2	15	2	1	3	<.2	<.5	<.5
9589	3	2	28	2	2	<2	<.2	<.5	<.5
9590	4	2	10	2	2	<2	<.2	<.5	<.5
9591	4	3	9	2	2	<2	<.2	<.5	<.5
9592	2	3	10	2	1	<2	<.2	<.5	<.5
RE 9592	2	3	10	2	1	<2	<.2	<.5	<.5
RRE 9592	3	3	9	2	2	<2	<.2	<.5	<.5
9593	2	3	14	2	1	<2	<.2	<.5	2.4
9594	3	6	28	1	2	3	<.2	<.5	1.2
9595	3	9	7	10	8	2	<.2	<.5	.7
9596	3	35	17	19	9	9	.3	<.5	<.5
9597	2	3	14	4	2	3	<.2	<.5	2.2
9598	3	3	320	584	2	41	8.7	<.5	5.5
9599	3	3	380	14	2	43	.3	<.5	6.2
STANDARD C3	27	69	36	171	36	56	25.7	16.7	24.1
STANDARD G-2	1	3	4	44	7	<2	.3	<.5	<.5

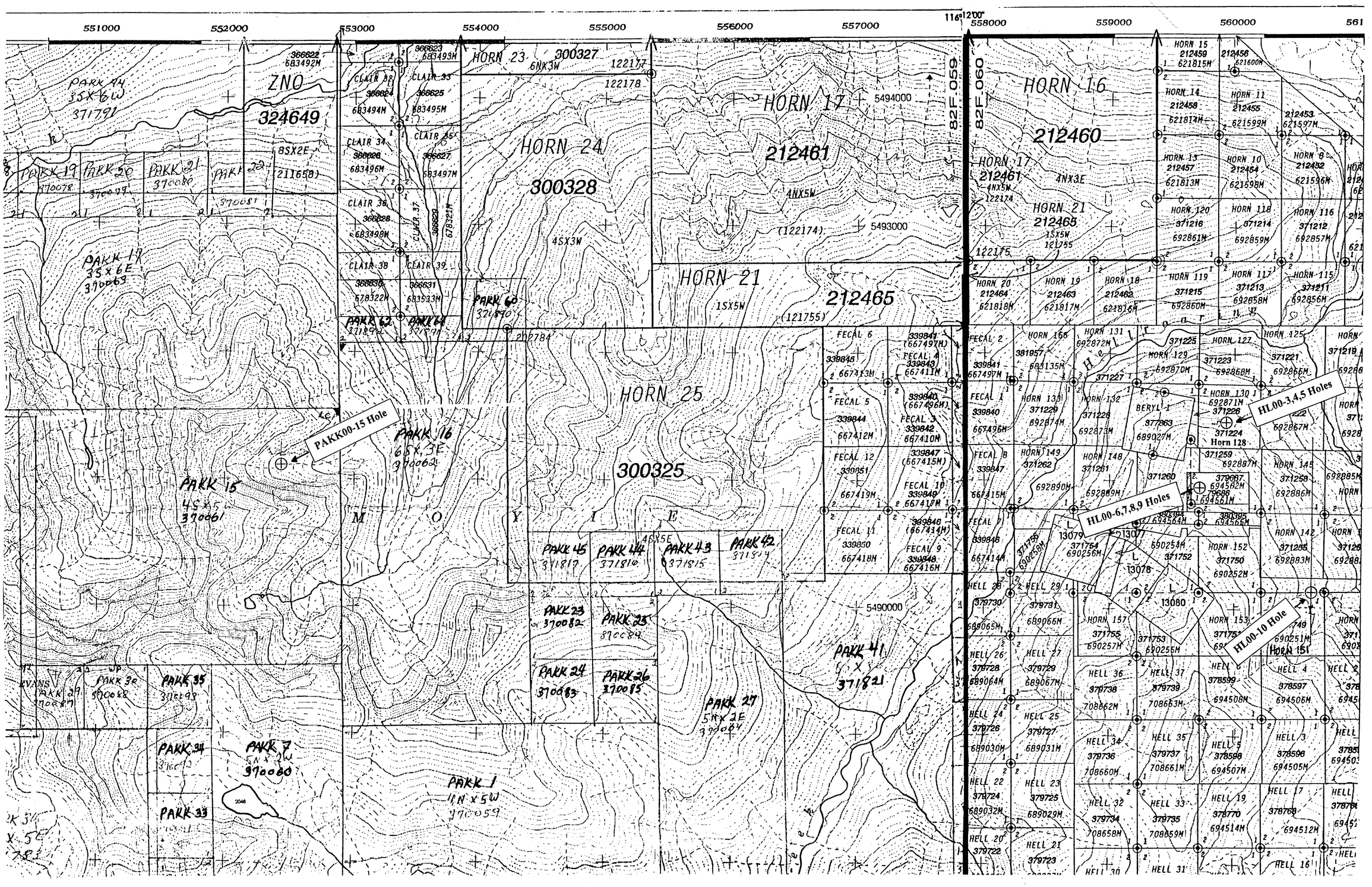
Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	As ppm	Cd ppm	Sb ppm	Bi ppm
9600	3	4	8	2	1	<2	<.2	<.5	<.5
9601	5	6	11	4	3	2	<.2	<.5	.5
9602	2	4	13	3	1	2	<.2	<.5	<.5
RE 9602	2	4	13	3	1	2	<.2	<.5	<.5
STANDARD C3	28	70	37	181	38	60	25.1	17.6	23.8
STANDARD G-2	2	3	3	48	8	<2	.2	<.5	<.5

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA



CHAPLEAU RESOURCES LTD.

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

26,693

HORN/PAKK PROPERTY

Drill Hole Location Map
(DDH's HL00-3 to 10 & Pakk00-15)

(1)

Scale: 1:20,000	Date: Nov/01
Mapsheet 82F.059&060	FIGURE 2