DIAMOND DRILLING ASSESSMENT REPORT ON THE HORN/ BERYL CLAIMS

HORN PROPERTY

Horn 146 and 147
Beryl 1,2

NTS 82F/9

Latitude 49° 34′ N Longitude 116° 12′W

Owner – Chapleau Resources Ltd.
104 – 135 10th Ave. S.
Cranbrook, B.C.
V1C 2N1

Operator – Same as above.

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

Author – Douglas Anderson, Geologist

Submitted – February 23, 2001

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CHAPLEAU RESOURCES LTD.

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HORN PROPERTY

1.00 Introduction

The Horn claims subject of this report are part of a large block of claims similarly named, the report pertains to the area south and west of the Hellroaring and Angus creeks. This area is about 20 kilometres southwest of Kimberley, B.C. in the East Kootenay region of British Columbia. Other claims forming part of the immediate area of interest include the Beryl and Hell claims. Relief is moderate ranging from 1150 to 2200 metres. Forest cover is thick with a variety of conifers and moderately thick overburden. Outcrop is restricted mostly to the main hogsback that trends north-south up from Hellroaring creek. Access is excellent due to intense logging activity. Access is via two major roads, the St.Mary Lake road or the River road which is a logging access road. These roads are on the north and south sides of the St. Mary river respectively. The Angus and Hellroaring creek roads provide secondary access to tertiary logging roads which are numerous on the claims. The claims of interest herein cover the Hellroaring Creek stock mapped by the Geological Survey of Canada in the 1950's by G. Leech..

1.10 Property Definition, History, Background Information

The part of the property of concern to this report includes:

CLAIM	PROPERTY NAME	UNITS	RECORD #	MM/DD/YY Due Date
Tip 001	HORN	1	369371	5/16/01
Tip 002	HORN	1	369372	5/16/01
Tip 003	HORN	1	369373	5/16/01
Tip 004	HORN	1	369374	5/16/01
Tip 005	HORN	1	369375	5/16/01
Tip 006	HORN	1	369376	5/16/01
Tip 007	HORN	1	369377	5/16/01
Tip 008	HORN	1	369378	5/16/01
Tip 009	HORN	1	369379	5/16/01
Tip 010	HORN	1	369380	5/16/01
BERYL 001	HORN	1	377863	6/15/01
Tip 011	HORN	1	369961	6/23/01
Tip 012	HORN	1	369962	6/23/01
Tip 013	HORN	1	369963	6/23/01
Tip 014	HORN	1	369964	6/23/01
Tip 015	HORN	1	369965	6/23/01
Tip 016	HORN	1	369966	6/23/01
Tip 017	HORN	1	370309	7/3/01

CLAIM	PROPERTY NAME	UNITS	RECORD #	MM/DD/YY Due Date
Tip 018	HORN	1	370310	7/3/01
Tip 019	HORN	1	370311	7/3/01
Tip 020	HORN	1	370312	7/3/01
Tip 021	HORN	1	370313	7/3/01
Tip 022	HORN	1	370314	7/3/01
Tip 023	HORN	1	370315	7/3/01
Tip 024	HORN	1	370316	7/3/01
BERYL 002	HORN	1	379686	8/4/01
BERYL 003	HORN	1	379687	8/4/01
Beryl 004	Horn	1	380393	9/3/01
Beryl 005	Horn	1	380394	9/3/01
Beryl 006	Horn	1	380395	9/3/01
HORN 166	Horn	1	381957	10/26/01
Horn 001	Horn	1	212445	12/1/01
Horn 002	Horn	1	212446	12/1/01
Horn 003	Horn	1	212447	12/1/01
Horn 004	Horn	1	212448	12/1/01
Horn 005	Horn	1	212449	12/1/01
Horn 006	Horn	1	212450	12/1/01
Horn 007	Horn	1	212451	12/1/01
Horn 008	Horn	1	212452	12/1/01
Horn 009	Horn	1	212453	12/1/01
Horn 010	Horn	1	212454	12/1/01
Horn 011	Horn	1	212455	12/1/01
Horn 012	Horn	1	212456	12/1/01
Horn 013	Horn	1	212457	12/1/01
Horn 014	Horn	1	212458	12/1/01
Horn 015	Horn	1	212459	12/1/01
Horn 016	Horn	12	212460	12/1/01
Horn 017	Horn	20	212461	12/1/01
Horn 018	Horn	1	212462	12/1/01
Horn 019	Horn	1	212463	12/1/01
Horn 020	Horn	1	212464	12/1/01
Horn 021	Horn	5	212465	12/1/01
Horn 022	Horn	20	300326	12/1/01
Horn 023	Horn	18	300327	12/1/01
Horn 025	Horn	20	300325	12/1/01
Horn 029	Horn	1	300182	12/1/01
Horn 030	Horn	1	300183	12/1/01
Horn 031	Horn	1	300185	12/1/01
Horn 032	Horn	1	300196	12/1/01
Horn 033	Horn	1	300197	12/1/01
Horn 034	Horn	1	300206	12/1/01
Horn 035	Horn	1	300208	12/1/01
Horn 036	Horn	1	300277	12/1/01
Horn 039	Horn	1	302242	12/1/01
Horn 040	Horn	1	302243	12/1/01
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Horn 046	Horn	1	302046	12/1/01
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Horn 048	Horn	1	302048	12/1/01
Horn 049	Horn	1	302049	12/1/01
Horn 050	Horn	1	302050	12/1/01
Horn 051	Horn	1	302051	12/1/01
Horn 052	Horn	1	302052	12/1/01

CLAIM	PROPERTY NAME	UNITS	RECORD #	MM/DD/YY Due Date
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Horn 055	Horn	1	302055	12/1/01
Horn 056	Horn	1	302056	12/1/01
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Horn 066	Horn	1	302066	12/1/01
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Horn 079	Horn	1	302079	12/1/01
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Horn 094	Horn	1	303023	12/1/01
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Horn 111	Horn	1	305619	12/1/01
Horn 112	Horn	1	305620	12/1/01
Horn 113	Horn	1	305621	12/1/01
Horn 114	Horn	8	303932	12/1/01
Horn 115	Horn	1	371211	12/1/01
Horn 116	Horn	1	371212	12/1/01

CLAIM	PROPERTY NAME	UNITS	RECORD #	MM/DD/YY Due Date
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Horn 118	Horn	1	371214	12/1/01
Horn 119	Horn	1	371215	12/1/01
Horn 120	Horn	1	371216	12/1/01
Horn 121	Horn	1	371217	12/1/01
Horn 122	Horn	1	371218	12/1/01
Horn 123	Horn	1	371219	12/1/01
Horn 124	Horn	1	371220	12/1/01
Horn 125	Horn	1	371221	12/1/01
Horn 126	Horn	1	371222	12/1/01
Horn 127	Horn	1	371223	12/1/01
Horn 128	Horn	1	371224	12/1/01
Horn 129	Horn	1	371225	12/1/01
Horn 130	Horn	1	371226	12/1/01
Horn 131	Horn	1	371227	12/1/01
Horn 132	Horn	1	371228	12/1/01
Horn 133	Horn	1	371229	12/1/01
Horn 134	Horn	1	371230	12/1/01
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Horn 147	Horn	1	371260	12/1/01
Horn 148	Horn	1	371261	12/1/01
Horn 149	Horn	1	371262	12/1/01
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Horn 165	Horn	1	371809	12/1/01
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Fecal 004	Horn	1	339843	12/1/01
Fecal 005	Horn	1	339844	12/1/01
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CLAIM	PROPERTY NAME	UNITS	RECORD #	MM/DD/YY Due Date
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Fecal 008	Horn	1	339847	12/1/01
Fecal 009	Horn	1	339848	12/1/01
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Fecal 011	Horn	1	339850	12/1/01
Fecal 012	Horn	1	339851	12/1/01
Pit 001	HORN	16	363148	12/1/01
Pit 002	HORN	1	368753	12/1/01
Pit 003	HORN	15	363149	12/1/01
Pit 004	HORN	20	363150	12/1/01
Pit# 005	HORN	1	367182	12/1/01
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Pit# 006	HORN	1	367183	12/1/01
Pit 006	HORN	1	368755	12/1/01
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CLAIM	PROPERTY NAME	UNITS	RECORD #	MM/DD/YY Due Date
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CLAIM	PROPERTY NAME	UNITS	RECORD #	MM/DD/YY Due Date
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Burn 022	HORN	1	371193	12/1/01
Burn 023	HORN	1	371194	12/1/01
Burn 024	HORN	1	371195	12/1/01
Burn 025	HORN	1	371196	12/1/01
Burn 026	HORN	1	371197	12/1/01
Horn 024	Horn	12	300328	12/1/04

1.20 Summary of Work Done

The work forming this report was completed in the year 2000 and was part of a larger program of diamond drilling on the property. This report discusses the drilling of one deeper diamond drill hole (HL-00-1) to a final depth of 451.5 metres to drill test the granitic pegmatite to depth for beryllium and other possible rare metals/rare earths.

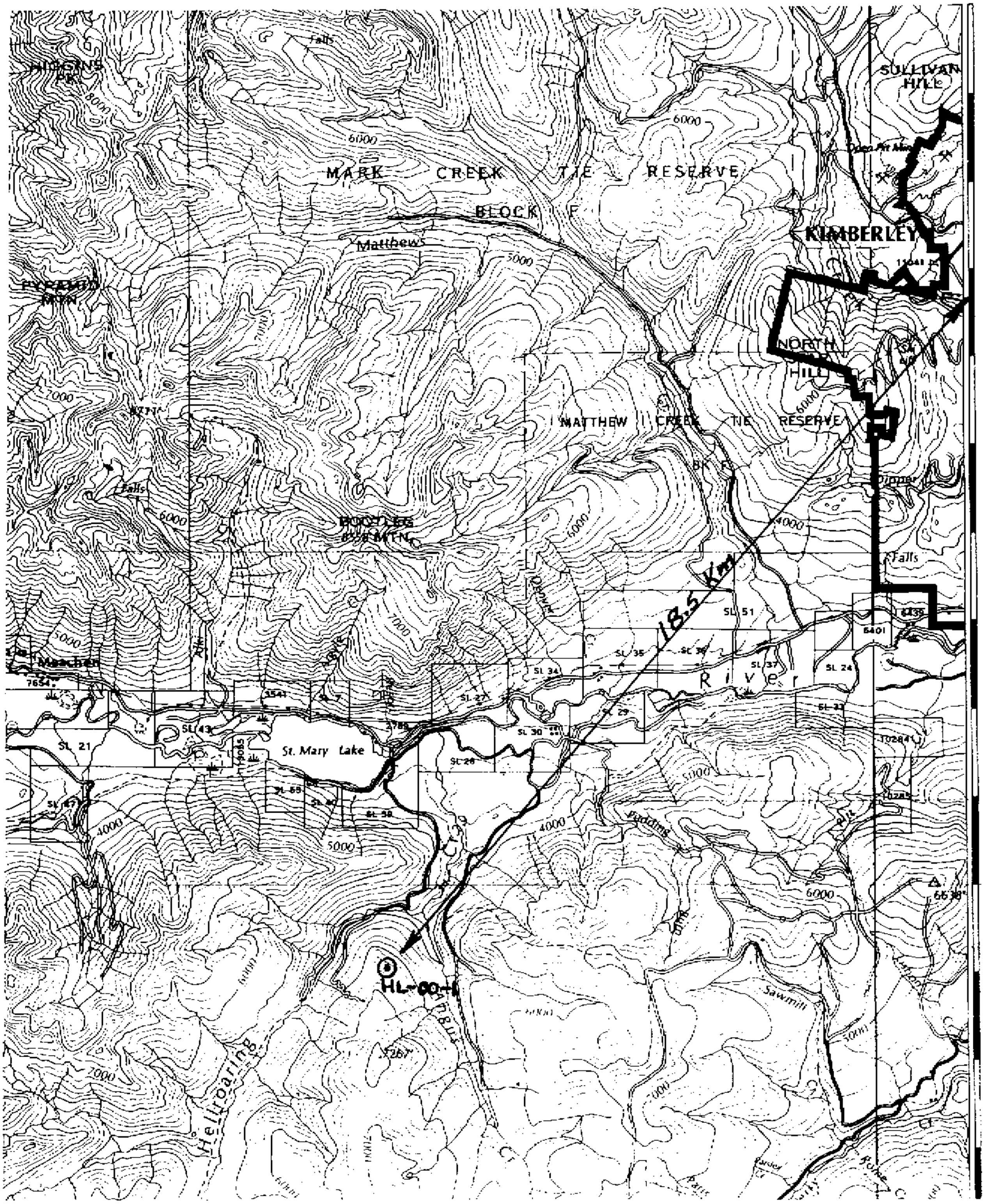
2.00 Geological Setting

2.10 Regional Geology

The Horn (Burn) property covers a broad stretch of lower stratigraphy in the Aldridge Formation together with extensive Moyie intrusions, juxtaposed against the major St.Mary reverse fault. The Aldridge is the oldest formation of the Proterozoic Belt-Purcell Supergroup. The Supergroup is a thick sequence of terrigenous clastic, carbonate, and minor volcanic rocks of Middle Proterozoic age. The basal Aldridge Formation, as exposed in Canada, is siliciclastic turbidites about 4000 meters thick. It is informally divided into the Lower, Middle, and Upper members. To the north and east in the basin, the Lower Aldridge, the base of which is not exposed, is about 1500 meters of rusty weathering (due to pyrrhotite), thin to medium bedded argillite, wacke and quartzitic wacke generally interpreted as distal turbidites. The Sullivan orebody occurs at the top of this division.To the south and west in the basin in Canada, the upper part of the Lower Aldridge is dominated by grey weathering, medium to thick bedded quartz wackes considered to be proximal turbidites. The Lower Aldridge is commonly host to a proliferation of Moyie intrusions, principally as sills. The Middle Aldridge is about 2500 meters of grey to rusty weathering, dominantly medium bedded quartzitic wacke turbidites with periodic inter-turbidite intervals of thin bedded, rusty weathering argillites some of which form finely laminated marker beds (time stratigraphic units correlated over great distances within the Aldridge/Prichard basin). The Upper Aldridge is about 300 meters of thin bedded to laminated, rusty weathering, dark argillite and grey siltite often in couplet-style beds.

2.20 Property Geology

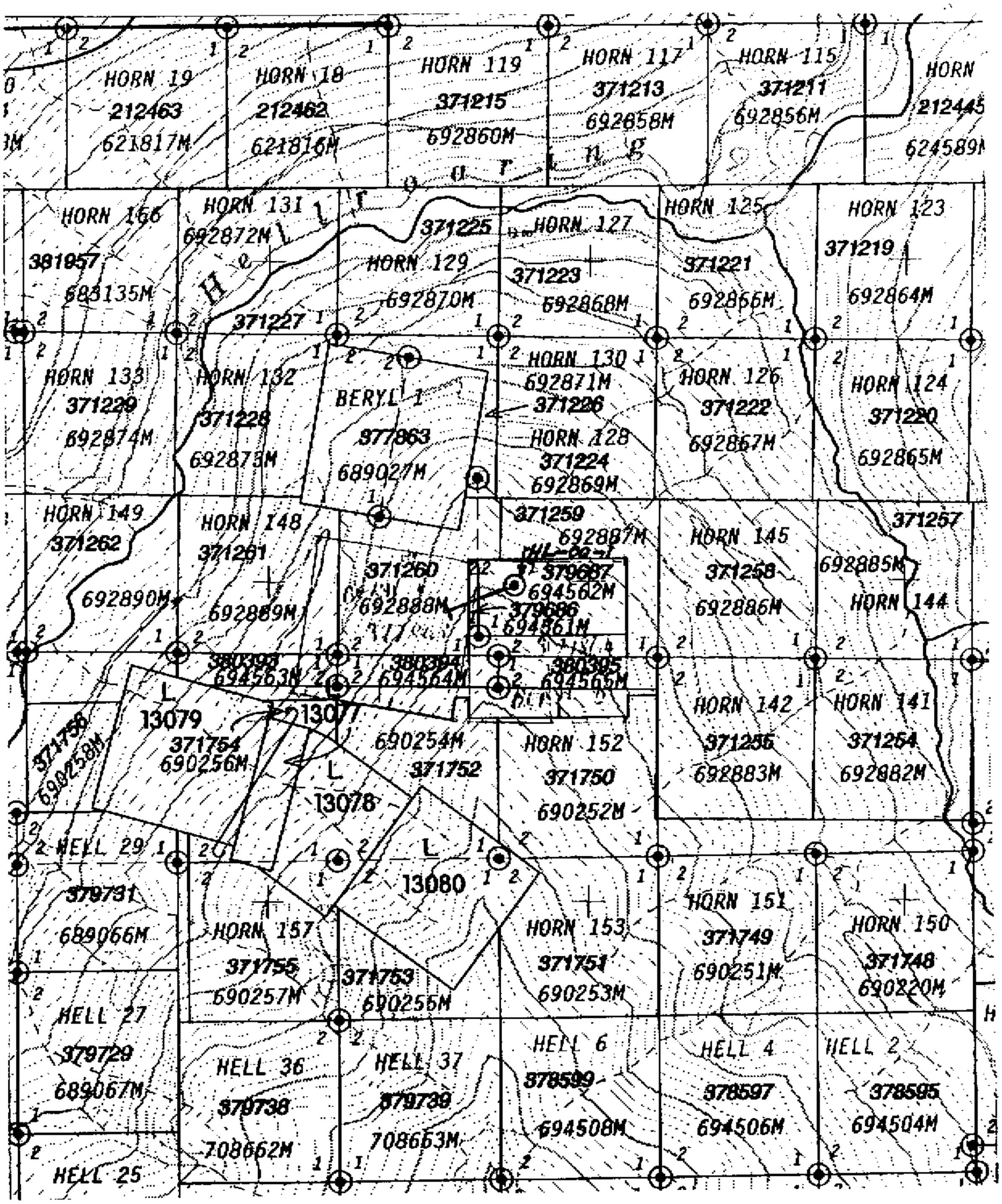
The Horn property geology around the drill hole of concern to this report is dominated by a granitic/pegmatitic stock of Proterozoic age. About 2500m by 1000m in size, the stock is erratically distributed in outcrop due to the high percentage of included country rock (Aldridge sediments and gabbro). The stock is a granite to granitic pegmatite which hosts hand-specimen scale beryl crystals in a predominantly coarse-grained quartz-feldspar-muscovite-tourmaline rock.



HORN PROPERTY

Location Map

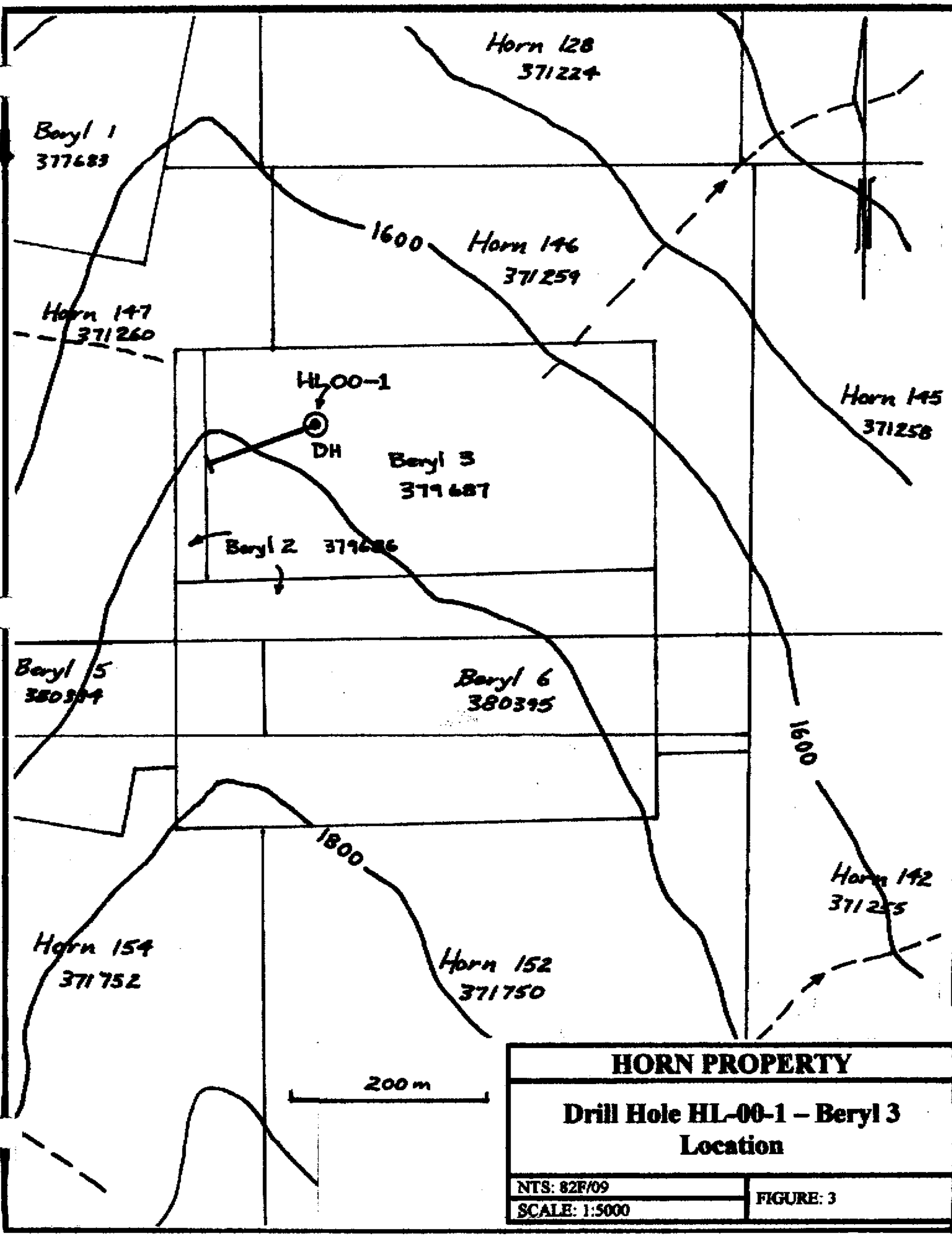
NTS: 82F/09	FIGURE: 1
SCALE: 1:125,000	



HORN PROPERTY

Claim Map – Drill Hole Location

NTS: 82F/09 SCALE: 1:20,000	FIGURE: 2



HORN PROPERTY

Drill Hole HL-00-1 – Beryl 3 Location

NTS: 82F/09	FIGURE: 3
SCALE: 1:5000	

3.00 Diamond Drilling

Diamond drill hole HL00-1 was positioned on the road central to the known, outcropping granite/pegmatite body. It was collared at 1680 metres in elevation and drilled at 250° azimuth at -70°. (See Figure 2) It was an attempt to test the internal variation of the granitic pegmatite to depth. Cored as NQ, the hole was not down-hole surveyed. The hole collared in a gabbro sill which can be roughly positioned within the Lower Aldridge division of the Aldridge Formation. The gabbro is altered and foliated with chloritic hornblende. At 44.5m Aldridge sediments were encountered continuing to 119m with short intervals of pegmatite within the Lower Aldridge sediments. The thin-bedded to laminated wackes are initially at 70 to 80° to core axis but this angle drops to 50° with depth. A pegmatite dyke from 93.4 to 103.2m contains weakly disseminated pyrite, galena, and sphalerite. The drill core is 98% granite/pegmatite from 119 to the end of the hole at 451.5m. There are occassional inclusions of sediment or gabbro within the main body of the pegmatite. The granite to pegmatite is variable in its textures and percentages of the various constituent minerals but overall it is consistent. It is dominantly coarse crystalline with varying amounts of microcline and albitic feldspars and quartz with lesser amounts of tourmaline and muscovite. There are occassional subhedral garnets and apatite. Attempts were made to classify/zone the pegmatite on the basis of the percentages of each of the minerals and some of the textural changes.This attempt is reflected in the log. Overall the pegmatite is remarkably similar from top to bottom. Sericite is the only consistently noted alteration. Beryllium was not visually recorded in the log. Base metal mineralization was widespread in narrow quartz veins cutting the pegmatite. Generally the veins are 1 to 3cm thick at 30 to 60° to c.a. They often contain minor amounts of pyrite, galena, sphalerite, and arsenopyrite.

The pegmatite within the drill hole was analyzed by Acme Analytical Laboratories Ltd. using Whole Rock Trace Elements by ICP MS. Also done was ICP analysis for certain base metals and thirteen selected samples were analyzed for the gold content. All analytical results are appended. The rock geochemical signature of the pegmatite was examined through minor statistical analysis – see Table 1 attached. In summary the elementary statistics are:

Element	Mean	Median Value	Minimum	Maximum
Beryllium	10.5ppm	7ppm	0ppm	297ppm
Tantalum	2.1	1.6	0.4	62
Cesium	7.35	6.8	1.3	31
Rubidium	207	204	44	439
Zirconium	43	24.5	6.9	5228
Yttrium	10.4	10.2	1.1	25

Of these elements only Cesium and Rubidium show any correlation.

4.00 SUMMARY AND CONCLUSIONS

Below the somewhat altered but otherwise normal gabbro to Lower Aldridge sediment sequence, the drill hole remained in 98% pegmatite for over two hundred metres. Mineralogically the pegmatite varies only in the percentages of the five main mineral

Table 1 - Statistics and Correlations for Certain Elements

Column1		*Column1*		***Cs:Rb***	*Column 1*	*Column 2*
Rubidium		**Cesium**		Column 1	1	
Mean	206.7003	Mean	7.354489	Column 2	0.773646	1
Standard Error	3.364753	Standard Error	0.19315			
Median	204	Median	6.8			
Mode	319.3	Mode	4.5			
Standard Deviation	*60.47202*	*Standard Deviation*	*3.471338*			
Sample Variance	3656.865	Sample Variance	12.05019			
Kurtosis	0.986129	Kurtosis	10.69006			
Skewness	0.434207	Skewness	2.384029			
Range	395	Range	29.6			
Minimum	44.1	Minimum	1.3			
Maximum	439.1	Maximum	30.9			
Sum	66764.2	Sum	2375.5			
Count	323	Count	323			

Yttrium		***Zirconium***			*Column 1*	*Column 2*
				Column 1	1	
Mean	10.39565	Mean	43.05652	Column 2	-0.007965	1
Standard Error	0.205158	Standard Error	16.17255			
Median	10.2	Median	24.5			
Mode	11	Mode	25.5			
Standard Deviation	3.681423	Standard Deviation	290.2061			
Sample Variance	13.55288	Sample Variance	84219.58			
Kurtosis	1.919927	Kurtosis	320.5385			
Skewness	0.771776	Skewness	17.88385			
Range	24.3	Range	5221.7			
Minimum	1.1	*Minimum*	6.9			
Maximum	25.4	Maximum	5228.6			
Sum	3347.4	Sum	13864.2			
Count	322	Count	322			

Beryllium		**Tantalum**		***Ta:Be***	*Column 1*	*Column 2*
Mean	10.46749	Mean	2.133127	Column 1	1	
Standard Error	1.11992	Standard Error	0.204192	Column 2	0.013578	1
Median	7	Median	1.6			
Mode	5	Mode	1.4			
Standard Deviation	20.12742	Standard Deviation	3.669784			
Sample Variance	405.1131	Sample Variance	13.46732			
Kurtosis	135.7763	Kurtosis	222.0259			
Skewness	10.59405	Skewness	13.86624			
Range	297	Range	61.6			
Minimum	0	Minimum	0.4			
Maximum	297	Maximum	62			
Sum	3381	Sum	689			
Count	323	Count	323			

components of feldspar (2), quartz, muscovite, and tourmaline. Sericite and garnet are far less abundant. Textural and crystallinity variations are continuous through the hole. The presence of gabbro and sediment inclusions to depth, suggest this is a high level intrusive environment. Mineralization is limited to narrow quartz veins carrying galena-pyrite-sphalerite-arsenopyrite. There are only three samples with significant Be content (>100ppm). The geology of this granite/pegmatite body has not been resolved with this hole, as it terminated in pegmatite similar to that cored by the entire hole.

5.00 ITEMIZED COST STATEMENT

DIRECT	
LeClerc Drilling Ltd., Cranbrook, B.C.	
1 hole – 1,481 ft.	$ 33,149.88
INDIRECT	
Geological Contractor	
Super Group Holdings Ltd., Cranbrook, B.C.	
- Douglas Anderson, P.Eng. – log core, report writing	
5.9 days @ $330/day	1,947.00
- Brian Collison, Labourer – haul core, prep core	
5.0 days @ $198/day	990.00
Truck rental – 5 days @ $75/day	375.00
Heavy Equipment Contractor	
Stillwater Excavating, Cranbrook, B.C. (235 Backhoe)	
- Site preparation/Build & open access	
51.0 hours @ $95/hour	4,845.00
TOTAL =	**$ 41,306.88**

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

6.00 AUTHOR'S QUALIFICATIONS

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

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

I have practiced my profession since 1969, predominantly with one large mining company, in a number of capacities all over Western Canada.

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

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

Dated this 20th day of February, 2001

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

Appendix A

HL-00-1

Page 1 (b)

Submitted by

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
8901 - 170.0'	153	43.1	4.7	19.9	3.1	7.3	44.1	2	595.3	.6	4.5	.4	1.2	359	6	117.1	25.7	17.4	37.1	4.49	19.3	4.4	1.35	4.86	.75	4.54	.92	2.82	.38	2.34	.36	<1
8902 51.8 - 52.3	40	<.5	15.7	15.0	.6	13.3	319.3	27	32.6	3.6	1.3	1.0	4.1	10	4	11.5	1.6	2.3	3.2	.39	2.0	.8	<.05	.33	.09	.38	<.05	.16	<.05	.23	.03	1
8903	49	<.5	12.6	13.4	2.0	5.6	222.9	21	46.7	1.9	.8	.8	11.9	<5	7	35.5	7.2	2.0	4.7	.53	2.0	.8	<.05	.68	.16	1.28	.20	.68	.15	1.61	.22	1
8904 - 54.3	109	.5	14.5	15.7	2.3	12.5	234.4	33	53.0	5.4	1.8	.8	14.6	9	4	48.4	10.7	2.7	6.3	.77	2.7	1.1	.09	1.11	.30	1.89	.30	.97	.22	1.98	.26	13
8905 61.8 - 62.8	112	<.5	6.8	13.8	1.3	8.4	214.7	15	57.6	3.6	.8	.6	1.7	<5	9	26.2	6.9	2.6	5.7	.62	2.4	.7	.11	.75	.18	1.19	.21	.73	.14	1.42	.18	6
8906 62.8 - 64.2	156	1.2	7.0	18.5	2.3	23.9	209.3	26	60.6	16.0	3.1	.6	4.5	11	5	61.4	11.4	7.7	16.3	1.94	7.0	2.0	.22	1.87	.34	1.97	.37	1.15	.19	1.62	.24	10
8907 93.4 - 94.4	60	<.5	9.4	10.8	.5	3.5	382.8	11	37.1	1.4	.8	1.1	10.9	<5	8	14.5	4.5	2.2	4.6	.56	1.9	.6	<.05	.62	.13	.84	.12	.41	.07	.70	.10	5
8908 94.4 - 95.4	29	<.5	8.9	15.2	.9	7.3	281.4	15	33.3	2.0	1.1	.9	17.4	<5	3	17.3	8.3	2.6	5.9	.64	2.3	1.0	<.05	1.06	.24	1.56	.22	.76	.14	1.41	.19	9
8909 95.4 - 96.4	22	<.5	9.0	14.9	1.6	5.2	235.3	14	21.0	2.2	1.1	.7	17.8	<5	8	33.1	8.3	3.0	6.8	.77	2.6	1.1	<.05	1.00	.23	1.47	.25	.80	.15	1.63	.24	8
8910 96.4 - 97.4	25	<.5	10.0	13.6	1.1	12.3	246.9	19	25.0	6.3	.6	.7	17.5	<5	4	22.1	5.5	1.7	3.7	.43	1.4	.7	<.05	.60	.15	.92	.15	.59	.11	1.09	.17	21
RE 8910 57.4 - 58.4	26	<.5	9.7	13.9	.9	10.8	240.8	18	26.0	5.4	.6	.7	15.3	<5	3	19.8	5.5	1.5	3.1	.36	1.3	.5	<.05	.53	.14	.96	.14	.54	.11	1.11	.17	8
RRE 8910	25	<.5	10.1	13.5	1.0	13.1	261.7	19	22.3	6.6	.6	.7	14.9	<5	10	20.2	4.8	1.6	3.3	.37	1.3	.5	<.05	.64	.14	.95	.13	.42	.08	.95	.14	18
8911 58.4 -	18	<.5	8.0	13.1	1.3	3.9	214.1	11	23.6	1.6	1.3	.6	26.1	<5	3	30.1	9.7	3.2	7.2	.81	2.7	1.1	<.05	1.16	.28	1.73	.26	.89	.17	1.59	.26	2
8912	12	<.5	8.1	13.4	1.8	6.1	212.3	11	20.5	4.0	1.6	.7	31.4	<5	9	36.5	10.9	4.1	9.3	1.07	3.8	1.4	<.05	1.33	.30	2.01	.31	1.07	.20	2.15	.30	3
8913	16	<.5	11.6	12.9	1.6	5.8	303.3	13	21.3	2.5	1.4	.8	34.9	<5	215	33.9	8.3	3.1	6.8	.80	2.7	1.1	<.05	1.10	.24	1.49	.22	.83	.16	1.54	.22	14
8914	11	<.5	9.6	14.6	2.2	11.8	180.8	18	19.4	5.8	1.4	.6	34.8	<5	17	44.1	9.9	3.1	6.9	.78	2.8	1.2	<.05	1.07	.27	1.61	.27	.95	.19	1.96	.29	2
8915	109	.7	8.2	13.4	2.0	4.9	198.8	10	33.5	1.8	2.7	.9	17.3	5	5	50.1	9.1	6.1	13.0	1.50	5.2	1.4	.14	1.35	.25	1.66	.27	.87	.16	1.68	.20	8
8916 102.4 - 103.2	169	<.5	7.8	11.6	1.3	5.2	216.8	11	43.1	1.7	1.2	.9	19.2	<5	9	27.2	8.2	1.9	4.0	.49	1.7	.6	.10	.83	.21	1.39	.23	.89	.16	1.48	.21	3
8917	53	<.5	4.6	11.8	1.8	4.0	136.4	10	36.5	1.2	1.0	.6	22.9	<5	3	35.8	7.1	2.3	4.9	.56	2.0	.8	.09	.68	.17	1.20	.21	.73	.15	1.38	.23	8
8918	44	<.5	9.1	13.1	1.3	6.8	156.7	13	31.9	4.1	.8	.6	16.3	<5	117	23.7	6.7	2.2	4.9	.52	2.0	.9	.06	.96	.19	1.28	.19	.66	.12	1.25	.17	19
8919	196	2.9	7.0	13.6	2.1	7.2	191.7	15	39.1	1.5	3.7	.6	12.9	15	6	64.9	11.8	10.5	22.2	2.43	9.6	2.1	.25	1.89	.35	2.14	.41	1.37	.22	1.71	.26	2
8920	117	2.2	12.5	16.1	2.0	11.7	245.5	23	29.7	5.6	3.6	.8	7.3	12	11	41.5	12.8	9.8	20.7	2.38	9.1	2.2	.19	2.00	.56	2.36	.39	1.38	.20	1.80	.26	3
8921	15	<.5	10.7	13.3	1.2	6.3	218.2	13	18.6	3.9	.9	.8	23.0	<5	2	25.5	8.9	2.2	5.0	.58	2.1	.9	<.05	.92	.22	1.49	.23	.86	.17	1.67	.24	8
8922	15	<.5	11.5	14.7	1.4	9.0	225.8	14	23.2	4.3	1.0	.7	19.2	<5	11	29.2	8.0	2.3	5.1	.55	2.2	.9	<.05	.99	.23	1.43	.22	.77	.16	1.56	.21	13
RE 8922	12	<.5	11.3	13.6	1.4	9.1	218.2	16	20.4	4.4	1.1	.9	17.2	<5	11	26.9	6.9	2.8	5.9	.63	2.1	.9	<.05	.95	.21	1.23	.20	.69	.15	1.32	.19	10
RRE 8922	15	<.5	11.2	13.5	1.2	9.4	214.9	16	20.9	4.8	1.2	1.1	18.2	<5	5	24.6	7.0	2.8	6.3	.69	2.4	1.0	<.05	.93	.22	1.22	.19	.64	.13	1.30	.19	2
8923	28	<.5	7.3	12.4	.8	5.1	194.4	10	26.6	2.0	1.2	.6	7.4	<5	9	15.1	5.8	1.7	3.8	.43	1.5	.6	<.05	.65	.16	1.08	.16	.37	.12	.99	.16	5
8924	32	<.5	10.1	12.1	.8	9.3	252.5	11	26.7	3.4	1.0	1.0	5.3	<5	5	14.5	4.5	1.1	2.5	.26	1.2	.5	<.05	.61	.14	.86	.13	.45	.09	.92	.12	10
8925	28	<.5	5.0	12.7	1.2	4.7	168.4	8	26.8	2.3	2.6	.5	17.7	<5	9	29.7	8.7	3.6	7.2	.78	2.5	1.2	.09	.97	.24	1.40	.24	.82	.17	1.38	.24	5
8926	22	<.5	7.0	12.2	1.3	3.9	197.7	9	26.6	1.9	1.4	.7	14.8	<5	17	26.9	9.6	2.8	6.2	.71	2.4	1.0	.06	1.14	.26	1.70	.25	.95	.19	1.84	.27	5
8927	25	<.5	5.9	13.9	1.6	7.6	152.5	15	26.3	3.4	1.9	.4	7.6	<5	11	35.2	11.6	2.5	5.5	.65	2.6	1.1	<.05	1.30	.29	2.02	.33	1.17	.22	1.84	.27	12
8928	42	<.5	10.2	12.5	.9	3.7	231.0	12	33.4	1.5	1.3	.7	6.0	<5	3	21.8	8.1	1.9	4.4	.49	1.8	.8	<.05	.96	.20	1.43	.24	.76	.17	1.50	.21	2
8929	25	<.5	11.6	12.8	1.2	7.8	244.1	11	29.9	3.7	2.2	.8	4.9	<5	9	28.7	15.7	2.7	6.1	.65	2.8	1.1	.07	1.42	.35	2.38	.48	1.84	.31	2.87	.38	5
STANDARD SO-15	2071	28.7	2.7	16.8	26.8	30.0	63.0	17	402.1	1.7	22.5	1.1	19.9	155	20	1050.8	22.1	29.0	59.2	6.23	24.0	4.4	1.04	3.79	.59	3.73	.75	2.49	.36	2.36	.40	<1

Gabbro grab.
51.3 - 52.3 m
52.3 - 53.3
53.3 - 54.3
61.8 - 62.8
62.8 - 64.2
93.4 - 94.4
94.4 - 95.4
95.4 - 96.4
96.4 - 97.4
Repeat
"
97.4 - 98.4
98.4 - 99.4
99.4 - 100.4
100.4 - 101.4
101.4 - 102.4
102.4 - 103.2
119 - 120.0
120 - 121.0
121.0 - 122.0
122.0 - 123.0
123.0 - 124.0
124.0 - 125.0
Repeat
Repeat
125.0 - 126.0
126.0 - 127.0
127.0 - 128.0
128.0 - 129.6
129.6 - 131.0
131.0 - 132.0
132.0 - 133.0 m

H.L. - 00-1

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 10 2000 DATE REPORT MAILED: Oct 26/00 SIGNED BY ....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	
8930	23	<.5	10.9	9.7	.8	2.4	223.3	9	23.2	1.0	1.4	.8	3.6	25	4	15.4	9.5	1.7	3.7	.43	1.3	.6	<.05	.77	.22	1.36	.27	1.00	.19	1.84	.22	10	133.0 – 134.0
8931	30	<.5	9.8	12.3	1.3	4.6	241.0	16	25.2	1.8	1.9	.8	18.5	21	9	26.1	10.5	1.7	3.5	.41	1.4	.6	.06	.82	.25	1.57	.34	1.09	.24	1.75	.26	2	134.0 – 135.0
8932	27	<.5	7.1	12.2	1.2	6.3	180.8	9	25.6	4.0	2.9	.6	8.6	13	2	23.9	12.6	2.8	6.0	.72	2.5	1.0	.07	1.18	.31	1.93	.39	1.31	.24	1.95	.27	2	135.0 – 136.0
8933	18	<.5	7.2	12.9	1.5	5.0	164.5	9	26.9	3.2	1.5	.5	6.5	<5	9	27.7	10.9	3.0	6.4	.75	2.6	1.1	.06	1.22	.32	1.93	.32	1.10	.22	1.97	.26	8	136.0 – 137.0
8934	27	<.5	9.5	12.9	1.6	6.5	214.3	12	28.5	2.5	1.6	.7	17.1	<5	2	28.3	9.4	2.3	4.8	.58	2.2	.9	.06	.99	.29	1.71	.27	.97	.18	1.57	.23	9	137.0 – 138.0
8935	21	<.5	11.6	12.6	1.6	5.6	279.0	12	27.7	1.8	1.1	.6	17.6	<5	8	28.3	9.2	2.4	5.0	.60	2.2	.8	<.05	.97	.28	1.62	.25	.83	.17	1.49	.22	8	138.0 – 139.0
8936	13	<.5	9.0	12.3	1.8	6.6	262.3	12	30.0	2.6	1.3	.7	12.0	7	3	25.5	10.6	3.5	7.2	.87	2.8	1.0	.09	1.32	.31	1.75	.31	.99	.18	1.73	.26	2	139.0 – 140.0
8937	13	<.5	7.8	11.6	1.0	4.4	237.1	8	28.3	1.7	1.8	.5	10.2	15	9	19.5	7.8	2.4	4.9	.60	2.1	.8	.06	.98	.23	1.32	.23	.72	.15	1.31	.17	11	140.0 – 141.0
8938	5	<.5	6.2	12.3	1.1	5.5	194.6	9	17.1	2.3	1.5	.5	19.3	29	2	26.4	10.2	3.5	7.5	.86	2.8	1.3	.08	1.28	.32	1.85	.32	.99	.19	1.98	.27	6	141.0 – 142.0
8939	12	<.5	7.0	13.0	1.1	5.5	217.0	10	18.3	2.3	1.1	.6	17.3	29	8	22.9	8.6	2.9	6.2	.72	2.3	1.0	.06	1.10	.25	1.45	.24	.84	.17	1.53	.21	17	142.0 – 143.0
8940	13	<.5	8.1	13.6	1.2	6.1	249.3	13	29.2	3.9	1.5	.5	20.2	27	3	24.9	7.9	3.1	6.1	.72	2.5	.9	.08	1.00	.23	1.45	.25	.80	.15	1.37	.21	8	143.0 – 144.0
RE 8940	13	<.5	8.1	13.9	1.4	8.2	266.3	14	25.3	3.8	1.4	.6	19.0	28	3	29.2	8.0	3.3	6.3	.76	2.5	.9	.08	.91	.25	1.27	.24	.81	.15	1.42	.20	10	Repeat
RRE 8940	12	<.5	8.2	13.6	1.4	9.1	254.1	13	26.0	5.8	1.4	.5	18.6	26	8	23.7	7.4	3.0	6.0	.69	2.3	.9	.07	.94	.21	1.32	.21	.72	.14	1.35	.20	10	Repeat
8941	30	<.5	10.2	12.4	1.1	3.5	239.8	10	34.0	1.3	1.1	.5	19.0	21	3	23.6	9.5	2.9	6.4	.79	2.6	1.0	.08	1.25	.20	1.59	.28	.90	.18	1.51	.24	29	144.0 – 145.0
8942	45	<.5	10.4	13.7	1.6	8.0	268.7	16	33.9	2.9	2.1	.5	26.1	17	10	31.1	11.8	4.2	8.6	1.00	3.3	1.5	.12	1.44	.34	2.15	.33	1.08	.21	2.02	.28	14	145.0 – 146.0
8943	21	<.5	6.2	12.6	1.1	5.3	169.0	10	30.4	2.1	1.4	.3	20.7	13	3	21.0	10.6	4.0	8.0	.88	3.0	1.3	.08	1.28	.30	1.84	.29	.96	.18	1.70	.25	8	146.0 – 147.0
8944	17	<.5	10.8	17.1	1.7	13.9	225.5	23	21.4	3.6	1.3	.5	61.5	12	9	29.6	9.7	4.2	9.7	1.08	3.3	1.4	<.05	1.30	.32	1.78	.24	.75	.14	1.32	.19	20	147.0 – 148.0
8945	17	<.5	25.0	14.8	2.7	11.7	384.6	26	14.1	4.6	1.1	1.2	29.2	6	3	40.0	7.6	2.5	5.7	.69	2.5	1.0	<.05	.99	.26	1.62	.20	.57	.10	.95	.12	12	148.0 – 149.0
8946	7	<.5	10.2	15.2	2.6	15.2	186.6	24	11.1	3.6	.6	.7	11.2	6	7	44.6	8.6	1.3	2.8	.33	1.1	.4	<.05	.63	.22	1.42	.22	.64	.12	1.06	.12	18	149.0 – 150.0
8947	10	<.5	14.5	16.8	2.7	12.7	285.6	21	14.8	5.2	1.5	.4	27.0	9	2	42.8	9.0	3.0	7.1	.84	3.0	1.4	<.05	1.05	.28	1.72	.25	.63	.12	1.26	.15	18	150.0 – 151.0
8948	5	<.5	8.6	13.2	2.2	5.3	211.3	11	9.3	1.5	1.4	.6	21.9	7	6	57.3	10.8	2.9	6.3	.76	2.6	1.2	<.05	1.15	.32	1.95	.29	.90	.17	1.61	.23	7	151.0 – 152.0
8949	12	<.5	17.4	13.9	2.0	8.0	333.3	17	11.1	2.4	1.7	.8	15.0	7	2	29.0	6.8	1.8	4.0	.51	1.8	1.0	<.05	.97	.23	1.48	.18	.90	.08	.82	.08	3	152.0 – 153.0
8950	7	<.5	12.2	13.3	.9	6.8	259.0	17	11.7	1.8	.6	.6	14.9	<5	6	17.9	6.5	1.7	3.6	.42	1.4	.7	<.05	.64	.20	1.09	.19	.59	.11	1.05	.13	9	153.0 – 154.0
8951	16	<.5	10.1	14.6	2.3	9.8	239.4	17	15.2	2.0	3.0	.6	27.6	<5	3	41.8	12.3	3.0	6.3	.73	2.6	1.1	.06	1.15	.33	2.25	.31	.96	.18	1.58	.22	5	154.0 – 155.0
8952	17	2.0	8.6	11.8	2.5	3.7	175.3	9	19.5	1.1	1.2	.4	23.1	<5	6	42.8	10.5	2.5	5.8	.69	2.5	1.0	<.05	1.23	.31	1.90	.30	.88	.16	1.44	.19	13	155.0 – 156.0
RE 8952	16	.5	8.6	11.0	1.9	3.5	175.3	8	21.8	1.2	1.1	.5	23.7	<5	6	36.3	11.1	2.3	5.3	.62	2.1	1.0	<.05	1.23	.32	2.02	.31	.93	.17	1.60	.19	13	Repeat
RRE 8952	20	.5	8.8	11.3	1.9	4.0	182.3	10	22.0	1.2	1.0	.8	22.6	4	2	34.3	10.9	2.4	5.2	.64	2.1	1.1	<.05	1.09	.33	1.86	.28	.88	.17	1.52	.20	15	Repeat
8953	23	.8	5.0	14.0	3.8	5.8	150.9	12	22.0	2.1	1.3	.3	29.7	<5	8	61.6	13.8	3.3	7.3	.92	3.0	1.5	.06	1.54	.46	2.86	.35	.99	.18	1.55	.25	11	156.0 – 157.0
8954	12	<.5	3.4	13.7	1.6	5.8	100.9	11	22.0	2.2	1.1	.6	19.3	<5	2	29.0	8.4	2.5	5.7	.68	2.2	1.0	<.05	1.05	.29	1.53	.21	.70	.15	1.31	.19	9	157.0 – 158.0
8955	12	.6	1.9	13.8	1.5	5.0	52.1	9	22.0	3.6	1.5	.1	20.1	<5	7	28.7	7.4	2.9	5.2	.64	2.0	1.0	.11	1.10	.29	1.48	.23	.72	.15	1.34	.20	11	158.0 – 159.0
8956	26	<.5	7.1	11.6	1.1	4.3	212.7	11	22.2	1.8	1.0	.6	23.2	<5	2	21.5	8.2	2.9	5.9	.68	2.2	.8	<.05	.95	.23	1.53	.24	.72	.15	1.32	.21	4	159.0 – 160.0
8957	12	<.5	2.9	12.8	2.5	6.6	81.9	11	17.5	1.5	2.8	.2	19.8	<5	6	35.7	13.4	2.6	6.1	.78	2.4	1.2	.08	1.18	.37	2.31	.38	1.20	.20	1.77	.26	9	160.0 – 161.0
8958	13	<.5	4.8	12.7	1.3	3.5	139.1	10	20.0	1.4	1.9	.4	26.5	<5	2	26.7	9.3	2.5	5.5	.66	2.4	1.0	.06	1.17	.26	1.60	.26	.88	.17	1.51	.22	6	161.0 – 162.0
8959	13	<.5	10.9	13.1	1.9	6.3	247.8	12	21.5	1.4	.9	.5	29.6	<5	7	32.5	10.4	2.0	4.2	.52	1.9	.8	<.05	1.05	.29	1.90	.30	.91	.18	1.56	.23	13	162.0 – 163.0
STANDARD SO-15	2012	20.1	3.0	16.9	26.9	30.6	64.7	17	485.2	1.8	23.6	.7	20.2	155	18	1072.7	21.8	29.2	56.2	6.16	22.5	4.5	1.11	3.97	.60	3.81	.78	2.44	.34	2.53	.40	<1	Std.

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
8960	13	<.5	10.1	15.2	1.1	10.2	206.0	19	23.3	2.0	1.5	.8	15.8	22	5
8961	12	<.5	5.7	12.1	.7	6.0	135.9	9	22.8	2.1	2.1	.4	14.6	13	4
8962	14	.5	6.4	14.6	1.9	6.7	170.8	15	20.6	1.6	2.3	.5	15.4	<5	6
8963	14	<.5	5.5	12.0	.8	6.6	163.7	8	22.9	1.6	2.9	.4	12.6	<5	5
8964	15	<.5	8.9	12.0	1.0	7.1	265.6	12	23.1	1.8	2.0	.7	12.4	<5	5
8965	11	<.5	6.6	12.8	1.4	5.5	202.6	10	19.6	1.5	1.9	.5	19.1	<5	6
8966	18	<.5	10.2	16.8	.9	9.8	319.3	14	22.5	2.5	1.8	.8	15.2	<5	6
8967	11	<.5	7.9	13.9	1.6	8.0	247.8	10	23.6	2.3	1.8	.6	20.1	<5	5
8968	13	<.5	9.3	12.9	1.2	7.0	294.0	12	20.8	2.2	1.8	.6	16.9	<5	5
8969	12	<.5	8.5	14.2	1.1	10.0	249.6	16	10.4	2.2	.8	.5	12.3	<5	6
8970	11	<.5	6.9	14.8	3.1	9.4	196.4	18	13.7	2.0	1.3	.4	12.4	<5	7
RE 8970	11	<.5	6.9	14.6	2.9	9.4	195.9	19	14.1	2.1	1.2	.4	12.4	<5	6
RRE 8970	11	<.5	6.5	14.3	1.4	8.4	181.0	17	15.1	2.6	.9	.3	11.9	<5	5
8971	12	<.5	3.6	15.1	1.0	5.5	116.4	6	22.6	1.6	1.5	.3	12.3	<5	4
8972	18	<.5	8.4	10.7	.6	3.6	302.4	10	23.3	.8	.8	.7	13.9	<5	5
8973	11	<.5	8.4	13.7	.8	5.8	278.8	14	15.6	1.3	1.0	.3	22.0	<5	5
8974	8	<.5	4.1	16.6	.9	6.9	164.1	11	16.2	1.3	.7	.4	12.7	<5	6
8975	8	<.5	8.6	16.3	1.9	5.7	291.1	13	9.6	1.2	1.2	.9	21.6	<5	6
8976	13	<.5	9.1	13.9	1.6	9.4	266.2	18	18.2	2.5	1.0	.9	18.2	<5	19
8977	13	<.5	9.1	15.1	1.1	6.0	273.2	13	21.1	1.8	.8	.7	19.3	<5	6
8978	9	<.5	9.1	15.5	2.9	8.6	254.5	15	14.5	1.8	1.5	.6	29.0	<5	6
8979	10	<.5	6.8	12.6	1.3	5.7	196.6	9	18.9	1.8	1.3	.6	19.7	<5	5
8980	8	<.5	6.1	15.5	1.4	7.5	159.2	15	11.4	2.0	1.1	.4	28.6	<5	6
8981	10	<.5	6.3	15.0	1.1	6.7	170.8	11	19.2	1.4	1.9	.3	21.7	<5	6
8982	15	<.5	10.9	15.7	1.8	7.3	299.6	14	13.5	1.5	1.1	.3	24.3	<5	5
RE 8982	12	<.5	11.3	14.6	1.8	7.3	298.5	14	13.1	1.5	1.0	.7	18.8	<5	5
RRE 8982	12	<.5	10.3	14.3	2.1	6.7	293.3	15	14.4	1.3	1.0	.7	17.8	<5	6
8983	20	<.5	8.1	11.5	1.4	4.3	223.3	12	21.6	1.2	1.1	.4	17.6	<5	5
8984	22	<.5	10.6	11.9	.8	5.1	351.1	11	21.6	2.6	.5	.7	18.7	<5	6
8985	11	.6	7.7	14.9	1.5	6.7	196.7	13	14.6	2.5	1.6	.4	21.8	<5	7
8986	13	<.5	10.1	12.7	2.2	4.4	215.3	12	14.4	2.0	1.1	.5	34.9	<5	5
8987	30	<.5	13.5	11.0	1.8	2.1	277.9	10	22.9	1.1	.5	.8	10.9	<5	4
8988	30	1.0	1.6	11.3	1.3	3.1	50.1	4	20.2	1.0	.9	.2	26.7	6	6
8989	45	<.5	2.9	12.8	1.1	5.2	126.2	11	17.3	1.6	1.1	.4	17.2	<5	9
STANDARD SO-15	2046	21.0	2.9	17.6	25.5	31.5	65.9	19	395.3	1.8	22.3	.8	20.8	195	21

SAMPLE#	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	
8960	18.4	9.0	2.3	5.0	.60	2.0	1.0	.09	.94	.26	1.43	.24	.82	.14	1.28	.18	49	163.0 – 164.0
8961	15.2	8.7	2.6	5.9	.65	2.3	.9	.08	.81	.19	1.37	.26	.86	.13	1.84	.18	6	164.0 – 165.0
8962	35.3	20.8	2.5	5.3	.59	2.2	.9	.10	1.18	.36	2.75	.55	2.10	.33	2.40	.37	24	165.0 – 166.0
8963	16.6	21.7	1.8	6.2	.48	1.7	.8	.12	1.21	.40	2.94	.64	2.54	.39	2.83	.41	10	166.0 – 167.0
8964	19.5	8.6	2.3	5.3	.58	1.9	.8	.10	.81	.22	1.46	.25	.79	.12	1.15	.16	12	167.0 – 168.0
8965	30.3	11.6	3.5	8.1	.95	3.2	1.2	.06	1.15	.30	1.79	.30	.98	.17	1.53	.26	10	168.0 – 169.0
8966	19.1	16.3	1.8	4.4	.45	2.0	.8	.06	1.14	.30	2.36	.45	1.65	.27	2.21	.32	4	169.0 – 170.0
8967	34.5	16.1	3.7	8.0	.91	3.0	1.2	.10	1.26	.35	2.29	.39	1.43	.24	1.96	.30	4	170.0 – 171.0
8968	26.7	16.3	3.2	7.3	.82	2.9	1.3	.07	1.35	.36	2.48	.47	1.70	.26	2.18	.33	12	171.0 – 172.0
8969	20.9	5.4	1.3	3.2	.37	1.2	.6	<.05	.56	.15	1.08	.13	.48	.06	.60	.08	14	172.0 – 173.0
8970	42.0	5.8	1.5	3.5	.44	1.5	.7	<.05	.67	.17	1.03	.15	.49	.08	.80	.11	8	173.0 – 174.0
RE 8970	41.0	5.8	1.9	4.5	.54	1.8	.9	<.05	.76	.19	1.07	.16	.53	.09	.81	.13	14	Repeat
RRE 8970	20.5	5.7	1.4	3.2	.36	1.3	.7	<.05	.58	.16	1.09	.15	.43	.08	.75	.10	14	"
8971	19.0	7.3	2.7	6.5	.69	2.3	.9	<.05	.86	.21	1.31	.20	.67	.11	1.01	.14	14	174.0 – 175.0
8972	12.3	5.1	1.6	4.2	.45	1.5	.7	<.05	.51	.13	1.00	.14	.30	.08	.73	.10	12	175.0 – 176.0
8973	16.1	4.6	1.7	4.2	.48	1.5	.8	<.05	.64	.14	.90	.12	.37	.07	.60	.09	4	176.0 – 177.0
8974	18.5	8.6	2.0	4.8	.55	1.9	.7	<.05	.74	.22	1.48	.24	.82	.16	1.40	.21	8	177.0 – 178.0
8975	30.0	8.1	2.5	5.9	.72	2.4	1.0	<.05	.81	.20	1.47	.22	.71	.13	1.29	.18	16	178.0 – 179.0
8976	24.1	6.8	2.5	5.6	.68	2.2	.9	.07	.86	.21	1.29	.19	.40	.09	.82	.11	6	179.0 – 180.0
8977	18.9	6.1	2.0	4.6	.51	1.9	.9	<.05	.61	.17	1.12	.16	.51	.09	.85	.13	18	180.0 – 181.0
8978	46.6	11.0	3.4	7.6	.90	2.9	1.3	<.05	1.08	.31	2.11	.30	1.00	.16	1.61	.22	8	181.0 – 182.0
8979	26.1	12.0	2.9	6.9	.76	2.4	.9	<.05	1.10	.30	2.06	.32	1.19	.19	1.82	.28	8	182.0 – 183.0
8980	24.3	8.8	2.5	5.9	.70	2.3	1.2	<.05	.95	.25	1.63	.26	.88	.16	1.65	.24	10	183.0 – 184.0
8981	24.2	13.3	4.9	10.5	1.19	4.2	1.7	.07	1.46	.34	2.27	.37	1.38	.22	2.05	.32	4	184.0 – 185.0
8982	32.9	10.2	2.2	5.2	.62	2.0	.8	<.05	.73	.23	1.73	.27	.89	.16	1.71	.26	16	185.0 – 186.0
RE 8982	31.5	9.5	2.1	5.1	.59	1.9	1.0	<.05	.86	.22	1.62	.24	.87	.17	1.69	.24	10	Repeat
RRE 8982	35.8	9.5	2.3	5.4	.66	2.0	.8	<.05	.89	.25	1.76	.27	.89	.15	1.63	.24	6	Repeat
8983	25.0	7.8	2.3	5.6	.66	2.0	1.0	<.05	.86	.21	1.46	.23	.73	.15	1.54	.22	10	186.0 – 187.0
8984	15.5	6.0	1.3	2.7	.28	.9	.5	<.05	.55	.14	1.06	.16	.58	.12	1.10	.16	4	187.0 – 188.0
8985	30.4	10.5	3.4	6.6	.72	2.5	1.0	.07	1.07	.27	1.82	.31	1.18	.24	2.05	.37	16	188.0 – 189.0
8986	41.2	10.2	2.2	4.6	.55	1.9	.8	<.05	.80	.24	1.79	.27	.87	.16	1.45	.22	26	189.0 – 190.0
8987	31.2	4.3	1.1	2.3	.28	.9	.5	<.05	.44	.12	.72	.11	.37	.06	.54	.09	47	190.0 – 191.0
8988	22.1	8.8	2.9	6.3	.78	2.3	.9	.12	.84	.20	1.52	.26	.81	.15	1.40	.21	18	191.0 – 192.0
8989	19.6	9.4	2.9	6.6	.79	2.5	1.1	.12	.90	.24	1.72	.26	.97	.17	1.62	.24	10	192.0 – 193.0
STANDARD SO-15	1055.2	22.7	28.5	59.4	6.13	23.2	4.6	1.06	3.97	.59	3.84	.76	2.47	.34	2.58	.41	2	Std.

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Select 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
8990	78	1.9	7.2	13.4	1.3	6.4	184.6	11	26.1	2.1	1.5	.7	23.7	<5	6
8991	36	1.6	3.7	11.9	1.2	6.5	107.8	11	19.6	2.7	1.3	.4	21.4	<5	6
8992	27	2.2	6.3	11.6	1.1	3.2	170.7	8	26.9	1.1	1.3	.3	22.8	<5	3
8993	22	9.3	7.9	15.7	2.2	12.5	148.0	19	19.4	3.8	.8	.5	13.5	<5	10
8994	18	.8	6.0	13.2	1.0	6.0	176.0	9	27.7	1.4	1.6	.3	24.5	<5	7
8995	21	.8	6.5	13.5	2.2	8.9	129.5	8	22.6	1.9	2.7	.4	15.4	<5	6
8996	31	<.5	7.5	14.3	1.1	6.3	245.8	12	24.1	1.3	1.4	.4	17.6	<5	7
RE 8996	33	<.5	7.7	14.7	1.1	6.5	253.5	14	24.8	1.3	1.4	.5	14.9	<5	7
RRE 8996	29	<.5	7.0	13.9	1.8	6.3	249.2	12	25.1	1.1	.9	.4	13.3	<5	6
8997	27	<.5	6.5	13.1	1.2	6.3	171.4	9	21.5	1.5	1.3	.4	21.4	<5	7
8998	24	.7	6.7	11.8	2.0	4.0	225.4	12	25.2	1.1	1.7	.6	36.4	<5	6
8999	16	<.5	8.5	13.4	1.3	7.4	228.9	12	21.2	1.8	1.5	.5	18.8	<5	6
STANDARD SO-15	2034	20.4	2.8	16.8	25.3	29.6	65.3	17	392.3	1.6	23.6	.9	20.5	156	19

SAMPLE#	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
8990	27.4	12.7	4.0	8.5	1.07	3.2	1.6	.10	1.46	.32	2.14	.37	1.16	.22	1.83	.28	7
8991	24.5	7.3	3.1	6.9	.85	2.6	1.1	.12	.91	.20	1.35	.21	.65	.13	1.10	.18	10
8992	25.5	9.4	2.8	6.2	.77	2.3	1.0	.08	1.00	.23	1.59	.28	.86	.16	1.44	.22	14
8993	36.9	6.3	2.6	5.4	.66	2.0	.8	.08	.70	.15	1.08	.18	.54	.11	.96	.15	7
8994	23.8	11.2	4.2	8.6	1.03	3.2	1.2	.08	1.05	.26	1.74	.34	.98	.18	1.72	.26	6
8995	42.8	12.7	2.3	4.8	.59	1.8	.9	.08	.86	.25	1.78	.38	1.19	.21	1.81	.26	8
8996	23.1	8.3	2.0	4.5	.57	1.9	1.0	.07	.93	.20	1.38	.24	.71	.13	1.32	.20	14
RE 8996	19.9	8.1	2.0	4.6	.59	2.0	1.0	.08	.90	.21	1.33	.21	.68	.13	1.26	.19	9
RRE 8996	32.2	8.3	1.5	3.3	.41	1.3	.8	.08	.76	.19	1.31	.24	.72	.15	1.34	.20	3
8997	26.3	10.7	3.6	7.7	.85	2.8	1.2	.10	1.20	.26	1.82	.33	1.03	.18	1.72	.26	6
8998	41.8	11.0	3.5	7.2	.90	2.8	1.3	.08	1.25	.29	1.75	.31	.98	.18	1.79	.28	4
8999	24.2	7.3	2.6	5.9	.71	2.2	.9	<.05	1.00	.22	1.25	.19	.51	.10	.99	.14	11
STANDARD SO-15	1035.6	22.9	28.0	55.5	6.05	22.5	4.3	1.06	3.70	.58	3.66	.78	2.46	.35	2.43	.38	41

193.0 – 194.0
194.0 – 195.0
195.0 – 196.0
196.0 – 197.0
197.0 – 198.0
198.0 – 199.0
199.0 – 200.0
Repeat
"
200 – 201.0
201.0 – 202.0
202.0 – 203.0
Std.

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

Too - 600 ft in Hole HL-001

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only. Data FA

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GEOCHEMICAL ANALYSIS CERTIFICATE

File # A004048 Page 1 (a)

HL-00-1 2

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
9000	30	.6	4.7	12.2	1.5	3.0	177.6	9	26.2	.8	1.1	.7	33.4	<5	6
9001	22	<.5	5.7	14.1	1.4	9.6	207.6	8	30.1	4.5	1.0	.7	33.0	<5	5
9003	27	<.5	7.2	11.5	1.0	3.8	223.0	8	30.1	.8	.6	.8	16.1	<5	6
9004	11	<.5	5.4	13.0	1.7	5.0	173.4	11	17.1	1.3	1.7	.5	19.2	<5	6
9005	13	<.5	7.5	13.7	1.3	10.5	191.8	13	20.0	2.2	2.6	.6	28.9	<5	6
9006	21	<.5	7.2	12.0	1.0	4.8	231.5	9	26.0	1.7	1.7	.7	21.7	<5	6
9007	14	<.5	5.3	12.8	1.0	2.8	159.0	9	18.4	1.1	1.3	.5	23.6	<5	6
RE 9007	14	<.5	5.1	12.5	.9	2.8	150.6	8	17.4	1.2	1.2	.5	20.8	<5	6
RRE 9007	14	<.5	5.3	13.0	1.0	3.8	160.1	8	19.8	1.4	1.4	.5	25.2	<5	6
9008	11	<.5	8.9	15.6	2.0	5.7	227.0	13	12.8	1.6	1.7	.6	24.4	<5	6
9009	7	<.5	6.9	12.8	1.2	2.7	182.3	8	12.5	1.0	1.7	.7	26.8	<5	6
9010	7	<.5	10.4	11.7	.9	3.4	261.3	11	11.8	1.2	.8	.8	13.6	<5	6
9011	11	<.5	8.2	12.1	1.2	3.3	207.5	10	15.0	1.0	1.0	1.0	24.4	<5	6
9012	16	<.5	9.8	16.2	2.5	7.2	211.8	16	14.9	1.8	1.7	1.2	32.3	<5	6
9013	8	<.5	4.5	14.0	1.1	2.8	125.2	10	12.0	.7	1.3	.6	22.0	<5	7
9014	18	<.5	9.8	13.5	1.6	4.0	241.1	12	20.0	1.1	1.5	1.4	28.6	<5	7
9015	27	<.5	7.3	12.6	2.9	6.1	194.2	7	25.1	2.3	1.5	.7	32.5	<5	7
9016	52	<.5	3.2	12.4	1.5	2.1	146.3	6	33.9	1.3	1.2	.5	26.1	<5	7
9017	35	<.5	7.5	10.9	1.5	4.2	216.5	5	38.2	9.2	3.0	.6	13.1	<5	5
9018	29	<.5	5.5	12.8	1.3	1.9	161.0	6	27.0	.6	1.7	.5	13.1	<5	5
9019	36	<.5	8.7	13.0	1.2	1.8	189.8	7	33.7	1.0	1.0	.6	13.6	<5	6
9020 *	24	<.5	5.3	12.6	1.5	17.6	141.9	6	31.9	12.7	1.1	.4	19.0	<5	7
RE 9020 *	25	.5	5.2	12.8	1.8	33.8	145.6	6	29.7	24.9	1.0	.4	28.4	<5	7
RRE 9020 *	25	<.5	4.9	12.7	1.5	4.8	137.6	5	30.0	2.3	1.0	.3	21.0	<5	8
9021	21	<.5	6.9	12.9	1.0	4.5	176.2	7	32.4	1.1	1.3	.4	19.9	<5	5
9022	10	<.5	8.5	12.4	1.3	4.5	210.3	8	18.6	1.3	1.1	.4	18.0	<5	6
9023	11	<.5	10.3	12.8	1.6	5.3	253.2	10	17.4	1.4	1.0	.4	20.2	<5	5
9024	22	<.5	7.7	11.8	.8	3.3	237.6	8	27.4	.8	.9	.4	15.3	<5	5
9025	31	<.5	5.3	12.0	1.4	3.0	176.6	7	27.2	.8	1.1	.4	31.3	<5	5
9026	27	<.5	6.5	12.1	1.8	4.7	197.3	9	28.0	1.2	1.1	.4	23.0	<5	6
9027	26	<.5	5.4	12.3	1.5	6.4	160.8	9	33.8	1.8	1.5	.3	26.9	<5	6
9028	22	<.5	5.7	12.2	.8	6.1	181.8	6	34.5	1.9	1.5	.4	23.2	<5	6
9029	40	<.5	6.3	11.9	1.1	2.8	182.1	5	32.6	.9	3.4	.4	11.2	<5	5
STANDARD SO-15	2093	19.6	3.0	16.8	25.3	29.8	65.7	17	397.0	1.7	23.7	.9	20.8	134	20

SAMPLE#	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	
9000	31.2	10.0	2.5	5.9	.68	2.5	1.1	.06	1.06	.29	1.73	.28	.83	.16	1.40	.23	14	203.0-204.0 m
9001	24.0	10.5	2.3	5.0	.59	1.9	1.0	.07	1.13	.28	1.73	.31	.88	.16	1.43	.21	11	204.0-205.1
9003	17.5	4.4	1.0	2.5	.30	1.0	.5	<.05	.46	.14	.72	.12	.35	.06	.51	.07	11	205.55-207.0
9004	30.9	18.3	1.8	4.3	.50	1.6	.9	.08	1.13	.37	2.96	.52	1.51	.29	2.25	.30	10	207.0-208.0
9005	23.8	12.4	2.7	6.2	.69	2.4	.9	.07	1.05	.29	1.91	.35	1.20	.21	1.34	.25	13	208.0-209.0
9006	19.7	13.0	2.6	5.8	.67	2.2	1.0	.07	1.10	.28	2.06	.40	1.23	.24	1.84	.27	12	209.0-210.0
9007	20.1	11.6	2.4	5.3	.58	2.0	.8	<.05	.96	.25	1.73	.33	1.00	.20	1.67	.27	10	210-211
RE 9007	17.7	10.8	1.9	4.3	.50	1.6	.7	<.05	.94	.24	1.67	.31	1.03	.20	1.66	.23	8	Rpt
RRE 9007	22.8	13.6	2.1	4.7	.53	1.8	.9	<.05	1.07	.29	1.97	.38	1.25	.25	1.85	.29	9	Rpt.
9008	42.3	17.8	2.4	5.5	.63	2.0	1.0	<.05	1.23	.34	2.55	.53	1.79	.33	2.77	.41	16	211-212
9009	26.4	11.7	3.9	8.9	1.02	3.4	1.2	<.05	1.33	.29	1.96	.34	1.06	.22	1.95	.33	6	212-213
9010	16.1	7.7	2.4	5.5	.57	1.9	.8	<.05	.77	.20	1.28	.22	.65	.14	1.15	.19	10	213-214
9011	24.9	8.3	2.5	5.4	.62	2.1	.9	<.05	.82	.21	1.46	.24	.76	.15	1.43	.23	14	214-215
9012	48.4	18.0	3.7	8.7	1.06	3.2	1.4	<.05	1.59	.47	3.15	.45	1.28	.25	2.21	.32	12	215-216
9013	24.3	8.9	3.2	7.5	.80	2.7	1.2	<.05	.98	.23	1.47	.23	.74	.17	1.57	.25	14	216-217.0
9014	30.3	10.4	3.1	7.0	.79	2.7	1.0	<.05	1.00	.29	1.86	.28	.84	.17	1.65	.27	14	217-218.0 m
9015	53.0	15.6	3.3	7.6	.85	3.2	1.3	.10	1.27	.33	2.40	.44	1.41	.30	2.88	.47	12	218-219
9016	31.3	13.3	3.3	7.5	.81	2.5	1.2	.14	1.25	.31	2.12	.39	1.24	.26	2.33	.39	3	219-220
9017	33.4	13.5	2.4	5.8	.68	2.5	1.1	.11	1.04	.28	2.08	.41	1.26	.26	2.17	.34	6	224.4-226.0
9018	25.5	8.6	2.9	6.8	.75	2.5	.9	<.05	.89	.20	1.43	.24	.83	.17	1.33	.22	3	226.-227.0
9019	21.6	11.7	2.1	5.1	.57	2.2	1.1	.06	1.02	.24	1.71	.34	1.16	.22	1.78	.28	15	227.0-228.8
9020 *	23.0	7.9	2.6	5.7	.67	2.3	.9	<.05	.73	.18	1.27	.22	.71	.17	1.53	.24	4	230-231.0
RE 9020 *	39.7	10.8	2.3	5.2	.53	2.1	.8	<.05	.87	.24	1.67	.31	.99	.22	2.08	.32	3	Rpt.
RRE 9020 *	31.8	9.5	2.6	6.0	.66	2.3	.9	<.05	.84	.21	1.50	.25	.91	.19	1.77	.29	5	Rpt.
9021	22.0	11.8	3.8	8.4	.93	3.2	1.3	.08	1.14	.30	1.96	.33	1.10	.23	2.11	.33	5	231-232.0
9022	23.3	10.1	2.7	6.1	.71	2.2	1.0	<.05	.96	.25	1.70	.28	.85	.18	1.63	.26	6	232-233.0
9023	30.4	12.6	2.5	6.0	.69	2.5	1.1	<.05	1.13	.32	2.18	.35	1.04	.23	2.01	.32	103 →	233-234.0
9024	14.2	6.4	1.9	4.2	.47	1.7	.8	<.05	.61	.16	1.04	.18	.58	.13	1.14	.19	5	234-235
9025	27.7	10.2	1.1	2.6	.30	1.1	.6	.06	.68	.21	1.68	.29	.96	.20	1.83	.29	2	235-236
9026	35.1	9.9	1.9	4.3	.49	1.9	.9	<.05	.95	.23	1.63	.29	.93	.20	1.60	.26	4	236-237
9027	32.0	13.8	3.6	8.1	.87	3.2	1.3	.09	1.28	.32	2.21	.39	1.25	.26	2.21	.36	5	237-238
9028	19.9	12.5	3.9	6.9	.94	3.2	1.2	.10	1.22	.30	2.15	.38	1.11	.22	1.87	.29	5	238-239
9029	23.7	14.6	2.3	4.9	.57	2.0	.7	.10	.85	.24	2.18	.41	1.41	.28	2.32	.36	5	239-240
STANDARD SO-15	1030.3	23.5	29.5	58.0	6.01	23.4	4.4	.99	3.82	.59	3.79	.77	2.40	.36	2.47	.39	1	Std.

GROUP 4B - REE - LIBO2 FUSION, ICP/MS FINISHED.
- SAMPLE TYPE: CORE R150 60
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 13 2000 DATE REPORT MAILED: Oct 27/00 SIGNED BY. [signature] D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

* Subject to reassay check

Data FA

ACME ANALYTICAL

Chapleau Resources Ltd. PROJECT HORN FILE # A004048

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
9030	47	<.5	8.5	12.8	1.1	7.3	231.1	14	37.4	2.1	1.2	.9	21.8	18	4
9031	23	<.5	7.5	13.3	.9	8.4	133.0	14	32.4	2.2	1.3	.5	24.6	<5	10
9032	36	<.5	30.9	11.8	1.4	5.2	301.6	22	30.5	3.3	1.0	.9	17.0	<5	4
9033	36	<.5	9.4	11.6	.7	3.5	232.9	10	34.1	1.1	.8	.7	12.6	<5	9
9034	15	<.5	3.0	13.2	1.7	2.5	107.1	7	25.1	.8	2.1	.3	33.3	<5	3
9035	16	<.5	8.0	12.4	1.4	7.5	250.4	12	21.1	1.8	1.0	.7	25.3	<5	10
9036	6	<.5	5.3	11.8	1.7	3.6	166.8	6	14.6	1.0	1.4	.4	20.0	<5	3
9037	5	<.5	6.5	12.2	1.4	4.4	199.1	9	15.1	1.2	1.1	.5	21.1	<5	10
9038	7	<.5	7.5	13.8	2.0	7.4	202.8	13	15.1	1.8	1.5	.4	22.4	<5	4
9039	8	<.5	4.3	12.8	1.2	6.8	132.8	7	21.8	1.6	1.6	.4	30.0	<5	11
9040	17	<.5	7.7	12.4	1.2	4.6	219.4	10	25.9	1.8	1.1	.5	17.4	<5	4
RE 9040	16	<.5	7.6	11.9	1.0	4.5	210.1	10	26.1	1.7	1.0	.4	16.6	<5	3
RRE 9040	19	<.5	7.2	12.9	1.4	4.4	211.7	10	25.3	1.4	1.3	.4	21.8	<5	11
9041	13	<.5	4.5	12.4	1.3	5.0	135.5	9	29.5	1.4	1.4	.3	22.8	<5	39
9042	17	<.5	6.8	11.4	1.4	3.3	206.9	8	25.3	.9	1.5	.5	28.0	<5	9
9043	43	<.5	6.1	12.6	1.4	3.1	192.4	10	42.7	1.1	1.6	.4	25.9	<5	5
9044	32	<.5	3.5	11.8	1.6	2.4	128.9	10	30.9	.9	2.0	.3	34.2	<5	11
9045	31	<.5	8.5	11.4	1.2	3.3	250.0	12	29.8	1.3	.7	.7	16.2	<5	5
9046	8	<.5	3.8	10.9	1.8	2.2	105.1	7	22.0	.9	2.0	.4	27.6	<5	10
9047	16	<.5	7.6	12.8	1.6	4.3	190.6	11	22.6	1.3	2.0	.6	23.2	<5	4
9048	20	<.5	5.7	10.3	1.1	2.6	166.8	8	29.1	.6	1.5	.5	26.8	<5	10
9049	22	<.5	6.9	11.0	1.6	4.0	153.1	9	34.0	1.0	1.0	.4	27.6	<5	6
9050	20	<.5	15.8	10.8	1.1	3.2	246.8	11	21.8	1.2	.9	.6	16.3	<5	9
9051	4	<.5	5.8	11.3	2.0	1.4	159.4	6	13.4	.4	1.4	.4	24.8	<5	2
9052	5	<.5	4.5	11.7	1.3	4.5	156.1	9	17.9	1.3	1.6	.4	26.3	<5	10
9053	27	<.5	6.1	10.4	1.3	2.9	149.7	6	26.7	.9	1.1	.4	22.7	<5	5
9054	33	<.5	5.1	12.0	1.6	5.3	165.4	12	49.7	1.6	.9	.6	19.7	<5	248
RE 9054	30	<.5	6.0	12.3	1.3	5.7	172.8	13	50.4	1.6	.9	.5	17.2	<5	238
RRE 9054	30	<.5	5.8	12.4	1.2	6.3	167.1	13	47.6	2.0	1.0	.4	17.9	<5	247
9055	16	<.5	5.6	11.7	1.2	5.7	164.7	8	25.7	2.9	1.3	1.0	22.4	<5	15
9056	5	<.5	6.3	12.5	1.1	5.1	178.6	11	12.1	1.4	1.0	.7	15.9	<5	5
9057	8	<.5	6.9	10.7	1.0	2.8	235.9	7	20.7	1.1	1.1	.6	20.0	<5	9
9058	6	<.5	7.3	10.4	1.2	2.6	230.3	9	17.2	.8	1.7	.7	20.3	<5	4
9059	11	<.5	4.6	11.5	1.1	4.1	127.8	10	17.3	1.4	.9	.3	17.8	<5	10
STANDARD SO-15	2063	20.0	3.0	16.7	26.6	50.8	67.7	18	388.0	1.9	25.0	.9	20.6	155	20

SAMPLE#	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
9030	25.5	9.4	3.1	6.4	.75	2.2	1.0	.09	.93	.25	1.50	.27	.91	.20	1.58	.23	7
9031	20.5	10.4	3.5	7.2	.81	2.8	1.0	.10	1.14	.26	1.65	.28	.97	.20	1.55	.25	6
9032	21.3	11.7	2.6	5.9	.67	2.1	1.1	.11	1.17	.31	1.92	.33	1.09	.23	1.91	.28	7
9033	12.8	5.8	2.1	4.6	.54	1.6	.8	.09	.58	.17	1.07	.18	.53	.13	1.11	.18	3
9034	31.8	14.0	5.2	11.2	1.28	4.2	1.7	<.05	1.66	.38	2.47	.42	1.42	.30	2.51	.36	7
9035	26.7	12.1	2.3	5.2	.57	1.8	.8	<.05	.80	.26	1.96	.34	1.21	.27	2.40	.36	7
9036	31.8	11.6	3.9	8.5	.99	3.3	1.2	<.05	1.18	.30	1.87	.34	1.11	.24	1.85	.30	8
9037	26.7	10.6	2.7	5.9	.67	2.1	.9	<.05	.99	.26	1.83	.31	1.10	.23	1.97	.32	3
9038	36.0	12.0	3.6	7.9	.89	2.8	1.0	<.05	1.06	.32	2.02	.35	1.21	.28	2.48	.38	6
9039	24.6	12.4	4.0	8.2	.97	2.8	1.3	<.05	1.35	.32	1.98	.34	1.18	.24	1.95	.30	2
9040	24.7	11.0	3.2	7.0	.78	2.6	1.0	<.05	1.07	.26	1.72	.31	1.02	.23	1.92	.30	6
RE 9040	19.6	10.9	2.8	5.7	.67	2.2	.9	<.05	1.00	.27	1.87	.31	1.06	.23	2.00	.31	6
RRE 9040	28.0	10.9	3.8	8.3	.97	3.1	1.1	<.05	1.15	.27	1.78	.32	1.03	.21	1.82	.29	5
9041	26.9	13.1	4.1	8.5	.99	3.1	1.3	.06	1.42	.34	2.12	.37	1.21	.24	1.92	.31	23
9042	26.1	12.4	3.8	7.6	.89	2.9	1.2	.06	1.22	.30	1.93	.37	1.29	.27	2.66	.38	6
9043	27.9	10.0	4.1	8.7	1.00	3.4	1.4	.14	1.29	.27	1.70	.30	.97	.21	1.77	.27	7
9044	33.7	13.7	4.9	10.7	1.20	3.9	1.5	.15	1.58	.37	2.30	.39	1.34	.26	2.29	.33	2
9045	21.7	7.1	1.8	3.9	.44	1.4	.6	.08	.62	.15	1.14	.20	.77	.17	1.63	.26	5
9046	33.8	13.9	5.5	11.8	1.33	3.9	1.6	<.05	1.51	.34	2.34	.38	1.29	.28	2.43	.37	6
9047	31.7	12.1	4.8	10.4	1.21	3.7	1.5	<.05	1.36	.34	2.10	.37	1.18	.25	2.40	.36	7
9048	22.0	9.2	3.3	7.5	.86	3.3	1.2	<.05	.98	.24	1.47	.28	.97	.21	1.76	.28	5
9049	32.2	8.5	2.6	5.2	.60	2.0	.8	.16	.84	.22	1.37	.24	.79	.18	1.53	.24	5
9050	20.2	10.4	2.3	5.0	.52	1.8	.7	<.05	.74	.26	1.66	.28	1.04	.25	1.91	.26	9
9051	40.6	12.4	3.7	8.2	.91	3.1	1.3	<.05	1.20	.32	2.00	.36	1.24	.29	2.25	.36	12
9052	26.3	12.6	4.4	8.8	.98	3.2	1.3	.07	1.37	.34	2.00	.35	1.12	.23	1.97	.38	5
9053	24.1	9.8	3.8	8.0	.87	2.8	.9	.34	1.06	.26	1.53	.28	.90	.19	1.46	.23	8
9054	27.3	13.0	3.0	6.3	.74	2.5	1.2	.23	1.19	.31	2.10	.37	1.28	.26	2.31	.37	5
RE 9054	24.7	12.9	2.8	6.2	.72	2.5	1.1	.22	1.32	.33	2.16	.37	1.23	.29	2.41	.37	6
RRE 9054	23.5	13.3	2.7	5.7	.67	2.4	1.0	.20	1.28	.33	2.17	.38	1.26	.30	2.54	.40	4
9055	24.9	11.3	3.9	7.4	.86	3.0	1.2	.07	1.11	.31	1.89	.31	1.04	.21	1.65	.27	1
9056	18.7	12.9	2.7	5.9	.71	2.4	1.0	<.05	1.13	.30	2.10	.37	1.30	.32	2.90	.48	6
9057	20.6	9.8	3.1	6.4	.73	2.2	.8	<.05	1.05	.26	1.66	.28	.91	.19	1.42	.22	6
9058	21.8	9.0	4.4	9.4	1.04	3.3	1.4	<.05	1.27	.28	1.57	.27	.85	.17	1.52	.22	4
9059	21.2	11.2	2.9	6.3	.69	2.2	1.0	<.05	1.01	.29	1.72	.29	1.01	.22	1.74	.29	7
STANDARD SO-15	1028.7	22.8	30.3	58.8	6.26	23.1	4.4	1.00	3.91	.61	3.74	.77	2.48	.37	2.49	.39	2

240–241.0 m
241–242
242–243
243–244
244–245
245–246
246–247
247–248
248–249
249–250
250–251.0
Rpt.
Rpt.
251–252.0
252–252.6
252.6–254
254–255
255–256
256–257
257–258
258–259
259–260
260–261
261–262
262–263
263–264.0
264–265.0
Rpt.
Rpt.
265–266
266–267
267–268
268–269
269–270 m
Std.

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

Date FA

Chapleau Resources Ltd. PROJECT HORN FILE # A004048

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	
9060	13	<.5	6.6	10.8	1.0	2.4	200.4	8	23.4	1.0	1.0	.9	14.5	<5	2	19.9	8.6	2.8	5.6	.61	2.3	.9	<.05	.91	.25	1.41	.24	.77	.16	1.45	.23	3	270-271.0
9061	8	<.5	4.1	11.4	1.2	3.5	141.2	7	20.7	1.0	1.7	.7	24.0	<5	9	25.5	11.7	5.1	10.7	1.19	4.5	1.5	.07	1.38	.34	1.95	.33	1.10	.20	1.89	.29	4	271-272.0
9062	15	<.5	6.8	10.6	.4	2.2	235.4	8	20.6	.5	1.1	.8	14.3	<5	2	14.9	8.0	2.7	5.7	.65	2.5	.9	<.05	.85	.20	1.34	.24	.83	.18	1.75	.26	7	272-273.0
9063	4	<.5	4.7	11.6	1.4	3.5	151.8	8	11.1	.9	1.0	.7	22.7	<5	9	30.2	10.8	2.7	6.0	.67	2.6	1.0	<.05	.99	.31	1.88	.31	1.02	.22	2.13	.31	11	273-274.0
9064	5	<.5	5.0	12.6	.9	4.2	168.8	8	12.4	1.0	1.1	.8	19.5	<5	3	20.3	8.2	2.8	6.1	.68	2.5	.9	<.05	.97	.24	1.63	.25	.79	.15	1.38	.23	12	274-275.0
RE 9064	5	<.5	4.8	12.5	1.0	4.4	167.4	8	12.1	1.2	1.0	1.2	16.7	<5	4	21.9	8.2	2.7	5.7	.65	2.3	.9	<.05	.92	.24	1.38	.25	.81	.15	1.44	.20	1	Rpt
RRE 9064	5	<.5	5.2	12.3	1.1	4.5	172.6	8	12.5	1.1	1.0	1.8	18.0	<5	9	25.1	8.2	2.4	5.1	.60	2.2	.8	<.05	.87	.23	1.35	.24	.81	.15	1.41	.23	5	Rpt.
9065	31	<.5	8.9	11.7	.6	5.9	279.7	13	26.7	1.6	.4	1.3	8.1	<5	3	9.3	5.4	1.2	2.6	.31	1.1	.5	<.05	.54	.14	.90	.16	.52	.10	1.04	.15	7	275-276.0
9066	25	<.5	5.0	10.6	1.3	2.3	171.0	6	24.5	1.0	2.4	1.8	16.8	<5	11	26.0	15.3	7.2	15.5	1.78	6.6	2.2	.11	1.75	.43	2.79	.47	1.45	.29	2.65	.37	12	276-277
9067	12	<.5	6.9	10.6	1.1	3.5	232.5	9	19.1	1.1	1.1	.9	10.4	<5	5	18.2	5.8	2.1	4.7	.54	1.7	.7	<.05	.73	.17	1.01	.17	.50	.11	1.05	.14	3	277-278
9068	3	<.5	7.4	10.0	.8	3.3	254.3	8	10.2	.9	.8	1.5	17.4	<5	7	13.5	5.5	1.9	4.0	.47	1.7	.6	<.05	.54	.15	.91	.17	.48	.10	.96	.15	20	278-277
9070	11	<.5	8.2	10.7	.8	4.8	263.2	10	15.8	1.1	1.1	1.2	13.7	<5	2	15.6	7.9	3.1	6.7	.75	3.1	.9	<.05	.90	.21	1.39	.22	.71	.15	1.43	.22	8	279-280
9071	5	<.5	4.9	11.7	1.4	4.3	136.2	9	11.1	1.6	1.4	.6	22.7	<5	11	27.7	9.6	3.5	7.6	.81	3.2	1.1	<.05	1.06	.25	1.66	.30	.97	.19	1.75	.26	12	280-281
9072	3	<.5	4.8	11.3	1.4	2.7	131.7	8	10.1	.9	1.7	.5	27.5	<5	2	28.2	12.0	4.6	9.7	1.09	4.0	1.6	<.05	1.48	.36	2.17	.36	1.19	.24	2.11	.34	6	281-282
9073	7	<.5	6.2	11.6	1.3	5.0	184.3	11	13.6	1.2	1.0	.4	17.0	<5	8	23.2	10.3	2.3	5.0	.55	2.0	.8	<.05	.76	.26	1.71	.31	1.00	.23	2.06	.31	3	282-283
9074	4	<.5	7.1	11.0	1.4	5.3	201.3	9	11.6	1.9	1.1	.6	16.6	<5	3	25.4	9.1	2.9	6.4	.74	2.9	.9	<.05	.98	.23	1.52	.25	.86	.18	1.63	.23	8	283-289
9075	9	<.5	8.1	10.9	1.2	4.5	261.6	10	16.9	1.4	1.3	.6	19.4	<5	9	23.6	9.5	3.4	7.0	.74	2.9	1.1	<.05	.90	.25	1.53	.28	.96	.20	1.80	.27	8	284-285
9076	4	<.5	6.0	12.4	1.9	9.1	204.1	6	21.6	1.5	1.8	.7	23.7	<5	3	36.5	13.1	4.8	9.9	1.12	3.9	1.4	.12	1.45	.37	2.26	.43	1.29	.25	2.22	.32	7	285-286
9077	3	<.5	5.5	11.5	1.5	2.6	179.4	5	14.5	.8	2.0	.6	40.1	<5	9	32.7	14.0	5.1	11.5	1.29	4.3	1.5	.06	1.59	.48	2.32	.43	1.36	.25	2.30	.34	5	286-287
9078	9	<.5	5.5	11.9	1.4	5.9	200.7	6	21.6	3.2	1.7	.6	27.1	<5	4	26.9	12.2	4.7	10.3	1.18	4.3	1.4	.07	1.40	.34	2.13	.37	1.20	.23	2.23	.31	5	287-288
9079	13	<.5	7.4	12.2	.8	6.0	240.3	12	19.7	1.4	.7	.6	16.4	<5	7	13.8	6.5	1.7	3.6	.42	1.4	.6	<.05	.55	.17	1.07	.19	.58	.14	1.28	.20	14	288-289
9080	12	<.5	6.3	11.7	1.6	4.1	204.0	9	19.6	1.7	1.3	.5	18.2	<5	2	30.9	11.5	3.6	7.5	.87	3.2	1.1	.06	1.16	.30	2.12	.31	.98	.19	1.61	.22	7	289-290
9081	13	<.5	5.8	11.5	2.0	3.2	194.8	7	22.4	1.0	1.7	.5	28.5	<5	7	40.5	13.9	4.2	9.3	1.01	4.0	1.2	<.05	1.24	.35	2.35	.43	1.45	.30	2.86	.45	8	290-291
9082	48	.5	6.3	12.1	2.2	4.3	181.9	13	27.9	2.5	3.1	.4	36.3	<5	11	52.1	14.3	8.1	17.7	1.96	7.8	2.2	.12	1.87	.46	2.51	.45	1.38	.25	2.14	.32	3	291-292
9083	186	.6	22.1	15.8	3.5	70.3	359.2	29	30.6	62.0	2.3	.6	19.4	<5	7	41.6	5.2	3.7	7.9	.85	3.3	.9	.08	.78	.16	.95	.16	.49	.09	.90	.14	7	292-293
9084	77	.6	12.6	15.3	1.4	16.3	344.2	28	27.4	7.5	1.8	.6	11.6	<5	10	33.9	6.5	5.0	10.8	1.21	4.9	1.2	.11	1.26	.24	1.31	.21	.62	.10	.88	.13	48	293-294
RE 9084	76	.5	12.4	14.5	1.6	16.6	344.8	27	27.4	7.5	1.7	.6	10.7	<5	10	36.0	6.5	5.0	10.7	1.18	5.8	1.4	.12	1.24	.23	1.29	.21	.66	.11	.80	.12	60	Rpt.
RRE 9084	79	.8	12.3	14.8	1.8	29.7	331.2	27	27.6	10.9	1.8	.7	10.8	<5	5	35.9	7.5	5.0	10.9	1.24	4.8	1.4	.13	1.24	.28	1.42	.23	.74	.13	1.03	.15	43	Rpt.
9085	12	<.5	6.1	15.0	2.4	8.9	163.9	16	20.4	2.3	1.6	.3	41.0	<5	10	39.6	12.5	3.0	6.5	.73	3.1	1.2	<.05	1.24	.34	2.10	.37	1.20	.24	2.34	.34	13	294-295
9086	18	<.5	18.0	13.0	1.5	7.3	370.7	17	21.1	2.1	1.4	.7	45.6	<5	9	25.2	4.8	2.5	6.3	.72	2.9	1.2	<.05	.94	.18	.99	.14	.39	.09	.85	.12	112	~~4~~ 295-296
9087	15	<.5	8.6	15.0	1.7	5.9	222.3	11	39.8	1.2	1.5	.5	31.4	<5	3	32.8	10.0	3.8	8.4	.92	3.3	1.3	<.05	1.25	.28	1.63	.30	.98	.22	1.96	.32	7	296-297
9088	20	<.5	4.9	11.5	1.1	2.5	183.4	7	29.6	.8	1.3	.3	21.2	<5	9	23.0	8.9	3.4	6.9	.74	3.2	1.0	.06	.99	.23	1.50	.27	.84	.16	1.49	.21	10	297-298
9089	38	<.5	6.0	13.3	1.5	5.6	204.4	11	44.0	1.7	1.2	.4	20.5	<5	6	23.7	9.8	2.6	5.6	.62	2.5	1.1	.06	.98	.26	1.63	.28	.92	.18	1.61	.24	23	298-299
9090	22	.8	7.3	14.7	1.5	6.4	181.5	14	25.1	2.0	1.0	.3	14.2	<5	9	23.2	7.2	2.4	5.5	.63	2.6	1.1	<.05	.95	.24	1.39	.19	.61	.11	.97	.15	23	299-300 m
STANDARD SO-15	2094	21.5	2.8	17.1	26.0	31.9	64.7	17	405.3	1.7	24.7	1.1	19.9	152	20	1044.5	23.1	28.8	57.3	6.05	24.4	4.5	1.02	3.86	.59	3.68	.77	2.42	.35	2.55	.41	1	Std.

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	Note
9091	7	<.5	14.2	15.0	.6	9.6	257.6	16	10.5	2.6	.4	1.0	3.4	12	2	8.9	1.1	.9	2.1	.26	.8	.5	<.05	.48	.19	.35	<.05	.05	<.05	<.05	<.01	297	② 300-301m
9092	7	<.5	5.1	15.0	1.3	2.4	186.5	7	12.8	.7	.9	.8	12.5	<5	8	24.5	8.7	2.3	5.1	.62	1.9	.8	<.05	.87	.25	1.57	.24	.72	.14	1.06	.18	9	301-302
9093	9	<.5	5.6	12.8	1.5	5.6	212.9	11	17.1	1.4	1.4	.7	21.4	<5	3	29.5	13.2	3.7	8.5	.97	3.3	1.4	.07	1.41	.36	2.24	.38	1.15	.25	2.05	.33	5	302-303
9094	10	<.5	6.0	13.0	1.5	3.5	219.4	9	17.7	1.3	1.5	.7	27.8	<5	10	31.5	11.1	4.0	9.1	.96	2.9	1.1	.06	1.14	.30	1.80	.33	1.06	.22	1.72	.29	12	303-304
9095	8	<.5	9.8	12.8	.9	13.3	260.4	19	10.1	3.0	1.1	.7	17.5	<5	3	18.1	7.2	2.5	5.4	.62	2.3	1.0	<.05	1.08	.23	1.35	.19	.56	.12	.99	.15	12	304-305
9096	11	<.5	9.6	11.6	1.0	7.3	263.2	12	14.6	1.6	1.2	.7	29.2	<5	8	18.7	6.7	2.0	4.6	.35	1.7	.8	<.05	.89	.20	1.11	.20	.58	.11	.93	.14	18	305-306
9097	4	<.5	7.2	12.2	1.4	3.8	222.2	9	17.4	1.0	1.7	1.1	28.1	<5	2	28.3	11.3	4.4	9.9	1.07	3.8	1.4	.08	1.32	.31	1.88	.32	.97	.22	1.09	.27	6	306-307
9098	6	<.5	6.4	12.7	1.1	2.4	196.1	7	14.9	1.0	1.6	.8	26.3	<5	8	26.1	14.4	4.2	9.8	1.13	3.9	1.7	.07	1.69	.42	2.52	.42	1.34	.30	2.35	.38	9	307-308
9099	6	<.5	9.1	12.4	.7	6.8	211.8	15	9.8	2.6	.7	.6	10.0	<5	2	13.3	6.1	1.7	3.9	.44	1.4	.7	<.05	.61	.16	1.09	.18	.58	.13	1.09	.16	15	308-309
9100	7	<.5	5.4	11.4	1.3	2.0	168.5	7	15.6	.8	2.6	.7	30.8	<5	10	28.1	12.4	5.8	13.2	1.46	4.8	1.9	.07	1.67	.38	2.17	.35	1.09	.23	2.05	.33	6	309-310
9101	9	.5	4.9	12.2	1.5	1.5	156.3	7	17.3	.8	1.8	.5	29.9	<5	2	31.1	13.7	4.6	10.4	1.22	4.0	1.6	<.05	1.52	.38	2.38	.40	1.20	.26	2.12	.32	10	310-311
RE 9101	9	<.5	5.3	12.3	1.7	1.8	158.7	8	17.6	.9	1.7	.9	25.1	<5	3	32.4	14.0	4.8	10.5	1.18	3.9	1.4	.07	1.65	.40	2.45	.41	1.28	.27	2.14	.36	7	Rpt.
RRE 9101	11	<.5	4.8	12.6	2.0	1.7	155.3	7	17.0	.9	1.9	.6	33.6	<5	9	46.4	15.1	4.6	10.2	1.19	3.7	1.6	<.05	1.67	.42	2.55	.42	1.30	.28	2.26	.38	4	Rpt.
9102	7	1.1	6.6	14.0	1.6	7.5	196.7	11	17.5	2.1	1.7	.5	27.6	<5	3	29.1	15.8	4.4	9.6	1.09	3.5	1.4	.08	1.44	.37	2.57	.43	1.37	.27	2.09	.33	5	311-312
9103	18	<.5	3.6	12.5	1.7	6.3	122.3	10	18.5	1.8	2.2	.4	28.2	<5	10	37.6	22.0	5.7	12.5	1.41	4.7	1.8	.07	1.90	.58	3.50	.42	1.96	.40	3.15	.47	15	312-313
9104	12	<.5	5.9	12.7	1.5	5.6	207.5	11	20.5	1.8	1.5	.5	20.3	<5	3	29.0	10.2	4.0	8.9	.96	3.1	1.2	.06	1.24	.30	1.75	.29	.95	.19	1.56	.23	9	313-314
9105	16	.4	5.1	10.8	.9	3.7	185.9	7	20.7	1.1	1.3	.6	17.4	<5	9	19.8	8.1	3.3	7.4	.80	2.8	.9	.06	.96	.25	1.47	.23	.73	.15	1.14	.19	2	314-315
9106	22	<.5	9.6	11.8	1.1	6.6	311.1	11	24.5	4.1	1.4	.9	28.0	<5	5	25.4	11.0	3.4	7.7	.88	2.8	1.1	.11	1.15	.31	1.80	.31	1.02	.19	1.50	.26	2	315-316
9107	4	<.5	5.9	12.7	1.0	7.5	197.1	9	20.2	2.3	1.8	.4	28.9	<5	6	24.4	12.2	4.7	10.1	1.12	3.6	1.4	.12	1.38	.34	2.12	.36	1.23	.23	1.85	.29	9	316-317
9108	6	<.5	6.9	12.5	1.6	3.7	225.7	7	16.9	1.0	1.2	.5	21.4	<5	5	22.8	10.7	3.1	6.6	.74	2.5	.9	.08	1.08	.27	1.77	.31	.95	.19	1.56	.24	6	317-318
9109	6	<.5	13.7	13.3	.9	5.7	308.9	15	16.8	1.8	.9	.7	27.9	<5	5	20.6	10.3	2.3	5.2	.59	2.1	.9	<.05	1.08	.28	1.69	.31	1.02	.22	1.86	.31	8	318-319
9110	5	<.5	6.5	12.4	.8	2.5	196.3	7	15.7	.7	1.8	.4	26.6	<5	9	18.8	8.5	4.3	9.8	1.11	3.6	1.3	.06	1.16	.25	1.48	.25	.79	.15	1.25	.20	6	319-320
9111	9	<.5	11.5	12.5	1.3	3.0	259.2	10	17.6	1.0	1.3	.6	27.7	<5	5	27.4	8.5	2.9	6.6	.71	2.2	1.0	.07	.87	.24	1.39	.24	.77	.16	1.19	.20	13	320-321
9112	8	<.5	6.5	10.9	1.1	2.8	299.6	7	18.8	.8	1.3	.5	18.7	<5	4	24.5	11.3	3.6	8.1	.91	2.8	1.2	.08	1.24	.31	1.99	.33	1.04	.23	1.73	.28	5	321-322
RE 9112	9	<.5	6.5	10.8	.9	2.4	292.0	7	19.6	.8	1.6	.5	21.9	<5	4	19.6	11.6	4.2	9.3	1.03	3.3	1.3	.09	1.38	.34	1.94	.32	1.04	.22	1.73	.23	8	Rpt.
RRE 9112	7	<.5	6.4	10.5	.9	2.8	288.2	7	19.5	.9	1.5	.4	20.1	<5	5	21.4	11.6	4.4	9.8	1.10	3.6	1.3	.08	1.31	.33	1.96	.34	1.05	.21	1.81	.28	4	Rpt.
9113	6	<.5	8.4	12.1	1.5	4.6	275.1	11	12.4	1.5	1.4	.5	16.5	<5	3	30.1	10.5	3.5	7.6	.83	2.9	1.1	<.05	1.00	.29	1.63	.32	1.02	.22	1.96	.32	8	322-323
9114	2	<.5	5.6	13.1	.8	3.7	175.4	9	11.8	1.3	.9	.3	15.8	<5	9	16.5	6.9	2.5	5.4	.60	1.9	.7	.06	.69	.20	1.16	.21	.63	.13	1.26	.18	10	323-324
9115	3	<.5	7.2	11.7	.9	6.0	219.2	11	12.9	1.7	1.3	.4	19.9	<5	2	21.3	9.2	3.3	7.5	.84	2.6	1.1	<.05	1.05	.27	1.70	.29	.85	.18	1.41	.23	5	324-325
9116	4	<.5	7.5	12.8	1.2	6.6	223.7	11	9.8	2.0	1.3	.5	20.5	<5	9	25.6	8.0	2.7	6.3	.75	2.3	.8	<.05	.85	.23	1.37	.24	.69	.16	1.43	.22	4	325-326
9117	4	<.5	7.5	11.3	1.1	5.1	260.2	9	12.3	1.3	1.3	.5	31.1	<5	3	22.9	6.9	2.7	5.9	.65	2.1	.7	.06	.73	.20	1.19	.21	.69	.15	1.21	.19	8	326-327
9118	2	<.5	3.4	14.4	1.2	8.1	158.4	9	13.3	2.2	1.5	.3	22.4	6	11	24.7	11.1	3.8	8.5	.91	3.0	1.1	<.05	1.15	.30	1.84	.33	1.03	.22	1.08	.29	8	327-328
9119	7	<.5	5.7	11.5	1.0	2.4	207.2	8	13.5	.6	1.0	.4	17.2	<5	2	22.0	8.8	2.5	5.6	.64	1.9	.7	<.05	.80	.21	1.44	.26	.89	.23	2.02	.33	11	328-329
9120	6	<.5	8.5	10.5	1.0	3.3	235.7	9	11.6	1.4	.9	.4	13.2	<5	9	19.4	5.7	2.2	4.8	.52	1.6	.8	<.05	.66	.17	1.02	.16	.51	.11	.98	.16	7	329-330
STANDARD SO-15	2011	20.3	3.0	17.3	26.9	32.5	65.2	18	398.6	1.8	24.7	1.0	20.9	155	20	1023.5	23.3	29.4	59.7	6.12	22.6	6.5	1.01	3.95	.59	3.76	.77	2.44	.37	2.55	.41	2	STD

Sample type: CORE R150 60. 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
9121	12	<.5	10.2	11.4	.9	3.3	335.4	9	20.7	.8	.9	1.5	17.9	11	5
9122	14	<.5	9.1	11.0	1.1	2.2	275.7	8	21.1	.9	1.5	1.3	26.7	6	6
9123	14	.5	7.9	12.0	.8	6.5	271.7	9	23.8	2.6	1.3	1.1	17.5	<5	5
9124	12	<.5	4.6	12.3	1.0	3.0	174.5	7	20.4	1.0	1.6	.9	21.6	<5	5
9125	11	<.5	7.3	12.3	1.9	4.3	241.9	10	19.9	1.2	1.3	1.0	26.3	<5	5
9126	19	<.5	8.1	13.3	1.3	6.5	223.9	12	21.4	1.6	1.9	1.4	34.9	<5	7
9127	18	<.5	5.0	12.1	1.1	4.7	171.2	9	26.2	1.1	.8	.7	17.4	<5	5
9128	23	<.5	3.3	12.2	1.1	5.4	148.6	8	31.2	1.6	1.9	1.1	24.6	<5	7
9129	14	<.5	2.6	14.7	1.5	6.3	92.4	10	26.5	1.3	1.6	1.1	25.1	<5	4
9130	11	<.5	2.5	12.3	.8	2.3	68.9	5	23.5	.8	1.2	.3	19.5	<5	6
RE 9130	11	<.5	2.6	12.4	1.5	2.2	71.1	5	23.6	.7	1.3	.4	19.4	<5	6
RRE 9130	12	.6	2.6	12.7	.9	2.2	69.0	6	22.7	.7	1.5	.5	15.8	<5	5
9131	17	<.5	6.5	12.1	.9	3.8	207.1	10	21.1	1.1	1.1	.4	7.4	<5	5
9132	12	<.5	5.8	11.1	1.0	1.3	206.1	6	20.0	.4	1.4	.5	22.5	<5	4
9133	7	<.5	11.0	15.8	.8	13.7	298.0	22	15.0	2.4	1.0	.6	13.3	<5	7
9134	6	<.5	3.0	14.7	1.0	6.8	102.3	8	14.8	1.3	1.6	.2	30.4	<5	5
9135	5	<.5	3.8	13.4	.9	6.8	165.2	8	17.9	1.4	1.9	.4	21.0	<5	6
9136	2	<.5	2.7	13.8	1.6	4.9	88.1	8	15.3	1.4	1.7	.4	25.2	<5	5
9137	14	1.4	5.9	12.2	4.1	3.7	195.4	11	21.5	1.2	1.0	.5	25.9	<5	6
9138	6	<.5	6.4	11.1	.7	2.2	269.5	8	18.1	.5	.9	.4	15.6	<5	5
9139	7	.5	6.6	13.1	1.7	4.4	205.9	11	17.6	1.6	1.5	.3	17.5	<5	6
9140	18	.9	4.5	15.1	1.4	14.0	138.0	10	33.7	4.1	3.5	.1	26.9	<5	8
9141	97	1.0	6.2	13.7	2.7	6.5	172.0	10	51.8	3.8	2.7	.2	23.4	11	6
9142	76	.5	9.0	12.7	1.0	4.7	258.2	13	27.7	1.9	1.2	.3	9.5	5	6
9143	85	3.0	8.8	15.7	2.3	11.8	259.7	16	33.1	8.0	4.3	.3	20.4	17	5
STANDARD SO-15	2055	21.1	2.8	17.1	26.1	30.8	65.0	17	401.7	1.7	23.8	.7	20.4	156	19

SAMPLE#	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	
9121	20.8	9.8	2.4	5.5	.62	2.2	.9	<.05	1.02	.25	1.70	.29	.95	.19	1.69	.24	1	350 - 351.0 m
9122	20.7	9.9	3.6	8.1	.87	3.3	1.2	.06	1.14	.25	1.62	.26	.90	.19	1.75	.25	7	331-332
9123	17.7	11.0	3.4	7.4	.87	2.6	1.0	.09	1.21	.28	1.83	.32	1.06	.20	1.74	.25	5	332-333
9124	18.7	14.2	3.5	7.8	.87	3.1	1.4	.07	1.38	.30	2.22	.38	1.34	.30	2.56	.37	5	333-334
9125	38.2	11.9	2.9	6.4	.78	2.6	1.1	.06	1.01	.25	1.88	.31	1.13	.20	2.03	.29	5	334-335.5
9126	23.4	9.4	3.8	8.7	.97	3.1	1.2	.07	1.11	.25	1.60	.24	.85	.17	1.51	.23	11	335.5-337
9127	20.6	7.7	1.7	3.7	.41	1.5	.7	.06	.75	.17	1.28	.22	.74	.15	1.45	.21	7	337-338
9128	26.3	14.9	4.9	10.5	1.22	4.6	1.7	.14	1.68	.48	2.54	.43	1.58	.27	2.26	.35	7	338-339
9129	28.2	16.7	3.9	8.8	.99	3.4	1.4	.09	1.45	.36	2.52	.45	1.55	.32	3.18	.45	7	339-340
9130	16.8	11.1	3.4	7.5	.81	2.9	1.1	.07	1.10	.28	1.67	.31	1.03	.22	1.95	.29	7	340-341
RE 9130	27.8	9.5	3.2	7.3	.81	2.8	1.2	<.05	.95	.22	1.68	.25	.86	.19	1.76	.25	6	Rpt
RRE 9130	19.3	9.2	4.6	10.3	1.14	4.0	1.3	.06	1.04	.24	1.55	.26	.88	.18	1.74	.23	3	Rpt
9131	15.6	6.4	2.9	6.5	.76	2.6	.9	<.05	.80	.16	1.09	.19	.62	.14	1.33	.20	11	341-342
9132	18.9	10.0	3.9	9.0	1.00	3.5	1.2	.06	1.16	.25	1.67	.27	.98	.19	1.87	.27	5	342-343
9133	12.7	4.6	2.5	5.8	.62	2.0	.8	<.05	.62	.13	.87	.12	.41	.08	.79	.11	7	343-344
9134	20.0	11.4	4.0	8.7	.93	3.4	1.2	.07	1.18	.26	1.76	.32	1.17	.23	2.15	.34	3	344-345
9135	18.9	12.0	5.9	12.9	1.40	4.8	1.7	.09	1.73	.33	2.09	.36	1.16	.21	1.91	.29	8	345-346
9136	35.1	14.6	5.1	11.1	1.25	4.4	1.6	.06	1.50	.33	2.42	.42	1.48	.30	2.72	.43	9	346-347
9137	154.7	10.9	2.2	4.9	.57	2.2	.9	.07	1.04	.26	1.70	.29	1.11	.21	2.14	.31	11	347-348
9138	13.5	8.7	2.7	5.8	.64	2.3	.7	.07	.80	.20	1.38	.25	.83	.17	1.59	.25	5	348-349
9139	36.0	12.2	4.2	8.9	1.00	3.4	1.3	.06	1.20	.26	1.80	.34	1.19	.25	2.21	.34	4	349-350.2
9140	32.2	25.4	10.9	23.5	2.68	9.5	3.2	.23	2.87	.62	4.09	.71	2.37	.43	3.38	.50	7	350.2-352.05
9141	64.1	9.3	7.7	16.7	1.87	6.8	1.9	.24	1.58	.28	1.66	.25	.87	.16	1.41	.23	25	352.05-353.2
9142	22.4	8.9	4.2	8.7	.94	3.3	1.2	.17	1.00	.23	1.47	.25	.87	.15	1.40	.19	7	354.5-356.0
9143	56.6	22.7	11.1	23.7	2.62	10.6	2.8	.28	2.40	.49	3.51	.63	2.11	.40	3.26	.46	8	356-357.0m
STANDARD SO-15	1050.5	23.5	29.5	58.9	6.21	23.6	4.6	1.01	4.02	.58	3.74	.74	2.50	.36	2.54	.41	1	Std.

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

to 356 - 357 meters

Hole H.L. 00-1

Data FA

ACME ANALYTICAL

Chapleau Resources Ltd. FILE # A004182

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
9144 352.0	36	.6	8.0	13.1	1.8	5.0	223.1	9	23.7	2.2	1.9	.6	27.0	<5	5	36.9
9145	290	3.2	11.1	18.2	2.7	12.6	258.4	16	65.3	3.6	6.0	.6	14.7	23	10	75.4
9146	8	<.5	9.4	14.1	1.1	6.2	310.4	10	17.7	1.4	.9	.7	18.9	<5	3	23.9
9147	6	<.5	7.9	14.0	1.4	4.3	235.7	10	15.0	1.5	1.9	.6	27.0	<5	10	30.0
STANDARD	2010	21.2	3.0	17.6	25.6	33.4	64.0	19	405.0	1.9	25.3	1.1	20.3	148	20	1070.2

SAMPLE#	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	
9144 352.0	13.9	5.4	12.5	1.29	4.3	1.6	.11	1.38	.39	2.68	.65	1.63	.34	3.22	.51	8	357–358.0m
9145	17.9	17.8	36.5	4.07	14.8	3.4	.69	3.04	.55	3.65	.63	2.03	.31	2.34	.36	8	358–359
9146	7.5	2.5	5.5	.99	2.1	.8	.07	.86	.23	1.39	.24	.75	.16	1.86	.19	6	359–360
9147	14.5	5.7	13.0	1.39	5.1	1.8	.08	1.71	.42	2.78	.48	1.59	.31	2.88	.41	6	360–361
STANDARD	22.5	28.8	58.7	6.25	24.0	4.6	1.05	3.90	.61	3.82	.76	2.43	.36	2.53	.41	1	

HL00-1

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
9148	5	<.5	7.7	13.1	2.2	3.5	242.0	11	10.9	1.4	1.6	.9	29.0	<5	10
9149	4	<.5	4.4	13.1	1.1	3.3	181.6	7	16.9	1.1	2.3	.7	26.9	<5	3
9150	4	<.5	6.9	11.3	1.2	4.1	214.7	9	10.3	1.2	.9	.7	17.2	<5	8
9151	7	<.5	8.7	13.1	1.0	5.9	230.7	13	13.5	1.6	.5	.7	11.0	<5	3
9152	5	<.5	3.3	12.9	1.1	4.5	125.2	7	17.5	1.3	1.5	.4	30.4	<5	8
9153	16	<.5	3.9	12.9	1.0	6.1	154.9	10	16.8	1.4	.8	.5	12.5	<5	3
9154	25	1.0	4.7	8.8	.5	2.5	170.3	7	23.4	.7	.5	.5	7.5	<5	8
9155	17	<.5	3.9	12.8	.6	6.6	150.5	11	13.5	1.8	.8	.5	14.3	<5	3
9156	15	<.5	4.6	12.8	.6	6.9	178.9	10	17.7	2.4	.5	.7	15.3	<5	9
9157	9	<.5	4.4	13.4	.9	6.7	157.1	12	16.4	1.4	.9	.5	9.3	<5	5
9158	9	<.5	6.5	11.0	.8	4.7	197.9	8	15.2	1.7	.7	.8	15.4	<5	9
RE 9158	7	<.5	6.8	11.0	.8	4.6	199.3	9	15.8	1.3	.7	1.0	15.6	<5	8
RRE 9158	8	<.5	4.6	11.1	.9	4.0	201.3	9	15.4	1.1	.7	.6	17.9	<5	3
9159	15	<.5	3.5	11.4	<.5	5.4	144.8	10	15.2	1.4	.8	.5	7.9	<5	9
9160	8	<.5	3.6	11.6	.6	3.3	138.0	9	13.8	.9	.9	.6	7.3	<5	3
9161	3	<.5	8.9	14.6	.9	7.8	284.4	15	17.4	2.0	1.0	.6	14.2	<5	9
9162	2	<.5	10.3	16.8	1.2	12.0	167.8	15	28.3	3.7	2.7	.6	22.8	<5	5
9163	4	<.5	10.4	11.8	.5	4.8	304.5	12	9.8	1.6	.4	.7	6.4	<5	8
9164	3	<.5	7.1	12.1	.7	4.3	224.0	8	19.5	1.5	1.4	.6	17.1	<5	3
9165	2	<.5	5.3	12.8	.8	4.7	207.6	7	20.4	1.2	1.2	.4	20.5	<5	9
9166	4	<.5	6.0	15.4	.6	9.1	211.6	9	19.7	2.8	1.5	.4	13.1	<5	4
9167	3	<.5	4.5	13.8	.7	5.2	172.2	5	18.7	1.2	1.0	.2	13.2	<5	10
9168	<1	<.5	4.8	13.1	.6	6.4	181.5	6	18.7	2.2	2.1	.3	15.0	<5	4
9169	5	<.5	4.5	13.8	.8	6.5	180.7	5	25.9	1.8	2.2	.2	14.5	<5	10
9170	5	<.5	4.9	14.7	.5	8.8	158.7	6	28.0	2.5	1.7	.2	14.1	<5	5
RE 9170	5	.6	4.8	15.3	.6	9.2	165.6	7	27.8	2.7	1.7	.2	14.5	<5	5
RRE 9170	4	<.5	4.9	15.0	<.5	8.8	158.6	6	26.3	2.6	1.5	.2	13.2	<5	9
9171	2	<.5	4.1	14.5	.5	5.3	166.5	6	22.7	1.3	1.3	.2	10.8	<5	4
9172	3	<.5	4.9	12.3	.6	3.0	230.8	5	19.1	1.0	1.6	.2	14.4	<5	8
9173	4	<.5	3.6	15.2	.7	6.3	154.4	8	15.3	1.7	1.3	.1	17.3	<5	4
9174	3	<.5	5.5	14.8	.9	4.9	204.9	7	13.6	1.0	1.5	.2	16.9	<5	9
9175	2	<.5	10.1	15.4	.8	8.1	353.8	14	7.9	1.7	1.2	.3	20.1	<5	3
9176	7	<.5	8.2	13.4	127.9	6.8	311.2	10	18.8	1.4	1.2	.3	9.8	<5	8
STANDARD SO-15	2037	20.7	2.8	17.2	24.9	29.7	65.7	17	406.8	1.9	24.0	1.1	20.7	152	20

SAMPLE#	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	Mo ppm	
9148	47.8	9.9	4.0	8.8	1.06	3.3	1.1	<.05	1.00	.26	1.55	.27	.99	.21	1.95	.33	7	361-362.0m
9149	29.4	14.0	6.6	14.2	1.66	5.8	2.1	.08	1.80	.39	2.40	.40	1.35	.26	2.15	.33	9	362-363
9150	24.6	14.2	2.7	5.7	.65	2.1	.9	<.05	1.09	.31	2.34	.41	1.59	.32	3.14	.50	11	363-364
9151	20.2	9.9	1.6	3.3	.42	1.2	.6	<.05	.59	.22	1.51	.27	1.10	.22	2.28	.33	7	364-365
9152	27.0	11.9	4.5	9.2	1.05	3.9	1.3	.06	1.30	.30	1.97	.35	1.19	.22	2.03	.34	6	365-366
9153	20.9	8.2	2.4	5.2	.63	2.1	.7	.09	.82	.22	1.34	.22	.83	.14	1.35	.21	10	366-367.6
9154	11.0	10.6	1.6	3.9	.48	2.2	.9	.47	1.14	.28	1.84	.29	1.03	.21	1.87	.27	6	367.6-370
9155	15.8	8.7	2.3	5.1	.62	2.2	.8	.11	.83	.24	1.52	.23	.80	.15	1.45	.22	7	370-371
9156	12.0	6.7	1.7	3.4	.41	1.6	.7	.08	.65	.19	1.13	.18	.55	.11	.93	.16	7	371-372
9157	19.9	7.3	2.6	5.2	.60	2.3	.8	.08	.70	.19	1.33	.20	.75	.15	1.37	.22	4	372-373.0
9158	21.7	6.0	1.7	3.6	.44	1.3	.6	<.05	.68	.15	1.10	.16	.57	.12	1.12	.19	4	373-374
RE 9158	20.1	6.0	2.1	4.6	.55	1.5	.6	.06	.68	.17	1.05	.17	.60	.13	1.08	.18	4	Rpt
RRE 9158	20.4	6.9	1.7	3.6	.41	1.7	.6	.06	.69	.16	1.10	.19	.69	.14	1.30	.20	9	Rpt
9159	14.0	10.2	2.2	4.8	.56	2.3	.8	.11	.99	.28	1.69	.28	.93	.20	1.61	.27	9	374-375
9160	13.0	9.0	3.0	6.5	.75	2.9	1.2	.12	1.03	.25	1.65	.26	.91	.16	1.44	.24	6	375-376
9161	20.6	11.0	3.3	7.0	.75	3.1	1.1	.11	1.36	.33	1.90	.30	1.00	.17	1.49	.21	13	376-377.75
9162	27.1	18.9	8.3	17.4	1.99	7.6	2.3	.21	2.18	.55	3.41	.55	1.84	.32	2.55	.40	11	377.75-379.0
9163	12.1	5.2	1.5	3.0	.35	1.1	.6	<.05	.55	.13	.84	.15	.50	.11	.99	.15	6	379-380
9164	17.4	12.8	4.3	9.1	1.04	3.5	1.4	.11	1.35	.31	2.11	.36	1.25	.23	1.99	.32	5	380-382
9165	21.8	10.0	3.9	7.8	.89	3.2	1.1	.16	1.17	.29	1.65	.28	1.08	.19	1.66	.26	8	382-383
9166	15.1	10.8	4.6	10.2	1.14	4.1	1.4	.15	1.52	.34	2.09	.32	1.14	.19	1.59	.25	5	383-384
9167	20.5	10.7	3.4	7.4	.86	2.7	1.0	.13	1.26	.28	2.05	.30	1.10	.18	1.33	.22	5	384-385
9168	14.3	13.4	6.5	13.3	1.54	5.6	1.9	.12	1.64	.42	2.41	.39	1.26	.23	1.95	.27	9	385-385.75m
9169	19.4	15.1	6.5	13.8	1.61	5.6	1.8	.19	1.99	.42	2.65	.43	1.50	.25	1.99	.32	4	385.75-387
9170	12.6	15.4	5.5	11.8	1.33	4.9	1.9	.19	1.94	.43	2.51	.47	1.51	.26	2.08	.32	5	387-388.3
RE 9170	15.3	15.8	5.9	12.3	1.42	4.8	1.7	.20	1.83	.45	2.71	.45	1.51	.27	2.08	.33	6	Rpt
RRE 9170	12.5	15.5	5.0	10.7	1.25	4.5	1.6	.18	1.71	.43	2.61	.43	1.49	.26	1.97	.30	5	Rpt
9171	15.1	12.8	4.1	8.6	1.01	3.3	1.3	.15	1.34	.38	2.24	.36	1.25	.21	1.75	.26	6	388.3-389.3
9172	15.4	10.9	4.5	10.1	1.10	4.2	1.4	.13	1.36	.32	1.81	.29	1.06	.17	1.58	.24	2	389.3-391
9173	21.3	12.8	3.7	7.6	.89	3.1	1.0	.11	1.34	.35	2.22	.35	1.18	.21	1.93	.28	7	391-392
9174	23.6	10.9	4.4	9.5	1.07	3.7	1.3	.10	1.15	.31	1.78	.31	1.09	.22	1.68	.28	7	392-393
9175	17.6	7.3	3.5	7.2	.82	2.9	1.2	<.05	.84	.19	1.36	.18	.67	.13	1.23	.17	8	393-394
9176	5228.6	8.4	3.0	6.3	.71	2.5	.9	.09	.99	.24	1.47	.24	.88	.13	1.16	.18	5	394-395.0
STANDARD SO-15	1089.5	23.0	28.2	55.5	5.95	23.6	4.3	1.03	3.91	.58	3.84	.76	2.58	.34	2.54	.41	3	Std.

Sample type: CORE #150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Date L 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	
9177	5	1.2	6.1	12.6	1.2	5.9	194.9	7	27.1	1.4	1.0	.7	12.1	<5	9	68.2	10.0	3.3	7.3	.78	2.7	1.0	.16	1.19	.28	1.77	.33	1.02	.19	1.59	.25	8	395-396.0m
9178	4	<.5	5.9	12.8	.8	4.9	193.9	6	24.6	1.0	1.8	.8	19.0	<5	3	21.3	12.6	5.4	12.2	1.31	5.0	1.6	.17	1.76	.37	2.37	.44	1.38	.23	1.75	.27	5	396-397
9179	3	<.5	6.8	13.6	.7	8.5	156.5	7	28.3	2.1	1.9	.6	16.4	<5	9	20.3	15.1	6.0	13.0	1.40	5.0	1.6	.21	1.98	.45	2.81	.52	1.55	.27	2.19	.34	5	397-398
9180	5	<.5	7.8	13.2	.5	11.1	208.9	9	32.4	3.4	1.4	.8	10.6	<5	4	13.5	11.0	4.5	9.7	1.04	3.7	1.3	.24	1.35	.32	1.99	.39	1.16	.20	1.63	.25	6	398-399
9181	6	<.5	6.1	15.6	1.1	15.6	201.1	12	23.8	4.3	1.8	.5	18.8	<5	10	27.9	12.9	4.8	10.5	1.17	4.0	1.3	.14	1.55	.35	2.27	.43	1.25	.23	1.84	.31	7	399-400
9182	5	<.5	5.0	14.9	.8	11.2	138.1	9	33.9	3.2	1.8	.7	18.1	<5	5	19.0	13.7	5.5	11.9	1.28	4.5	1.6	.26	1.87	.40	2.35	.45	1.41	.22	1.83	.29	8	400-401.2
9183	6	<.5	4.3	13.9	.8	5.9	163.0	7	23.7	1.6	1.6	.5	21.8	<5	11	25.7	11.2	4.5	9.4	1.04	3.8	1.3	.16	1.39	.33	2.02	.38	1.16	.21	1.60	.26	8	401.2-402
9184	8	.5	4.9	13.1	.5	6.3	176.6	7	31.6	1.5	1.5	.6	13.5	<5	4	14.0	12.7	4.9	10.0	1.09	3.9	1.4	.24	1.57	.35	2.19	.43	1.29	.22	1.73	.27	5	402-403.2
9185	12	<.5	5.4	13.9	.8	8.8	201.5	9	39.4	2.4	1.6	1.1	13.8	<5	10	20.9	13.3	5.7	11.9	1.30	4.9	1.6	.25	1.68	.36	2.40	.44	1.29	.23	1.86	.28	5	403.2-405.2
9186	12	<.5	4.7	13.4	1.0	4.3	205.2	8	22.5	.9	1.8	.6	25.9	<5	3	26.4	8.2	4.7	10.9	1.19	4.0	1.4	.09	1.23	.26	1.54	.27	.82	.15	1.28	.19	4	405.2-406
9187	8	<.5	3.1	13.9	<.5	4.6	115.4	11	13.1	1.1	.8	.5	11.9	<5	9	10.6	7.6	2.4	5.5	.59	2.1	.8	<.05	.74	.19	1.30	.26	.86	.17	1.64	.25	14	406-407
9188	1	<.5	6.6	14.3	<.5	6.6	235.1	14	7.7	1.9	.3	.6	3.3	<5	6	9.9	3.7	1.0	2.2	.23	.8	.4	<.05	.45	.11	.67	.12	.34	.06	.38	.08	139	407-407.6
RE 9188	<1	<.5	6.6	13.7	<.5	6.7	221.9	12	7.2	1.8	.2	.7	2.1	<5	5	7.4	2.9	1.0	2.0	.21	.7	.4	<.05	.40	.09	.53	.09	.26	.05	.48	.07	109	Rpt
RRE 9188	1	<.5	6.5	13.5	<.5	6.2	217.6	13	7.6	1.6	.2	.8	3.1	<5	11	8.1	3.6	.9	1.8	.18	.5	.3	<.05	.40	.10	.65	.10	.33	.06	.59	.09	96	Rpt
9189	5	<.5	10.3	11.7	.8	2.7	315.0	10	8.8	.8	.6	.8	9.7	<5	2	19.9	6.5	1.8	4.0	.44	1.6	.8	<.05	.71	.19	1.11	.21	.67	.15	1.43	.22	5	407.6-408.6
9190	6	<.5	15.2	15.1	1.6	8.7	349.6	17	6.8	1.8	.6	.9	16.5	<5	8	30.1	5.5	1.2	2.9	.33	1.3	.5	<.05	.69	.16	1.01	.16	.55	.13	1.12	.18	29	408.6-410
9191	<1	<.5	6.5	14.8	1.5	5.5	217.4	10	5.7	1.3	1.2	.6	20.3	<5	3	34.0	8.5	3.5	7.7	.88	3.1	1.2	<.05	.96	.23	1.46	.27	.96	.20	2.03	.33	9	410-411
9192	<1	<.5	5.6	15.7	.9	6.5	201.1	10	6.3	1.6	.8	.7	13.4	<5	11	21.9	7.1	2.2	5.0	.54	1.9	.7	<.05	.79	.20	1.28	.23	.76	.17	1.67	.25	4	411-412
9193	1	<.5	6.9	15.2	1.8	6.3	189.6	11	5.3	1.7	1.1	.5	20.3	<5	3	39.5	9.5	2.9	6.8	.75	2.5	1.2	<.05	.99	.26	1.70	.31	1.05	.22	2.21	.35	7	412-413
9194	<1	<.5	8.4	16.5	5.1	13.3	167.4	17	5.4	2.8	2.2	.4	33.7	<5	9	82.5	21.9	4.7	11.2	1.25	4.7	1.8	<.05	1.74	.54	3.83	.69	2.14	.47	4.44	.62	9	413-414
9195	<1	<.5	12.0	16.7	6.7	11.0	245.1	16	4.3	2.7	2.8	.7	42.5	<5	4	113.3	25.1	4.4	11.3	1.26	4.5	2.1	<.05	2.25	.75	4.87	.74	1.91	.33	2.64	.35	13	414-415
9196	4	<.5	10.6	12.7	.8	17.0	211.3	10	7.1	3.8	1.3	.5	16.9	<5	8	18.7	7.8	3.2	7.2	.80	2.9	1.2	<.05	1.02	.26	1.59	.25	.73	.14	1.29	.20	14	415-416
9197	3	<.5	13.7	15.6	.7	17.1	229.9	21	5.8	2.9	.4	.6	9.3	<5	6	14.5	3.1	1.0	2.1	.24	.9	.4	<.05	.38	.10	.59	.10	.33	.07	.70	.11	8	416-417
9198	<1	<.5	10.3	12.5	1.1	3.4	212.3	9	5.6	.6	.8	.5	14.8	<5	8	24.7	6.6	1.8	4.4	.46	1.6	.7	<.05	.69	.19	1.14	.20	.65	.13	1.37	.20	10	417-418
9199	1	<.5	9.3	14.5	1.1	8.1	200.1	13	4.4	1.8	.9	.5	24.6	<5	3	20.1	4.9	1.6	3.7	.40	1.4	.7	<.05	.59	.16	1.00	.16	.45	.09	.82	.12	9	418-419
9200	2	<.5	14.2	13.6	.9	7.3	348.1	15	4.1	1.3	.7	.6	13.4	<5	8	16.4	4.7	1.0	2.5	.29	1.2	.5	<.05	.54	.16	.96	.14	.35	.06	.55	.07	6	419-420
RE 9200	2	<.5	14.7	14.1	.9	7.6	356.3	16	4.3	1.6	.6	.7	16.3	<5	9	16.9	5.0	1.1	2.4	.28	1.1	.5	<.05	.59	.15	.94	.14	.37	.06	.59	.08	7	Rpt
RRE 9200	3	<.5	15.6	14.1	.9	7.0	351.1	14	3.1	2.1	.8	.7	14.7	<5	10	15.2	4.0	1.3	3.7	.41	1.6	.7	<.05	.61	.16	.89	.12	.30	.05	.42	.05	8	Rpt
9201	<1	<.5	4.1	13.9	1.1	4.9	124.4	8	5.6	1.0	.8	.2	14.2	<5	8	26.4	5.6	2.1	4.8	.51	1.8	.7	<.05	.63	.16	.99	.19	.59	.12	1.29	.19	8	420-421
9202	<1	<.5	3.9	13.7	1.5	4.0	138.7	12	6.1	1.3	1.3	.3	19.5	<5	5	33.1	11.0	3.7	8.8	.96	3.6	1.3	<.05	1.17	.28	1.95	.37	1.37	.30	2.90	.42	8	421-422
9203	3	<.5	6.0	13.6	.9	7.2	238.9	12	9.6	2.3	.5	.4	11.6	<5	9	16.9	5.8	1.4	3.0	.33	1.2	.6	<.05	.61	.15	1.01	.19	.60	.13	1.24	.19	3	422-423
9204	5	<.5	2.3	14.1	1.6	4.4	79.9	7	13.9	2.3	1.4	.1	28.1	<5	3	33.9	10.4	3.8	8.9	.97	3.7	1.4	<.05	1.32	.31	2.09	.34	1.15	.23	2.24	.34	9	423-424
9205	3	<.5	3.0	13.4	1.4	2.1	99.0	6	12.1	1.3	1.5	.3	21.0	<5	11	29.5	18.6	4.5	11.1	1.15	4.2	1.7	<.05	1.71	.46	3.24	.63	2.17	.48	4.39	.60	9	424-425
STANDARD SO-15	2084	20.1	2.9	17.0	26.9	30.9	64.6	18	401.2	1.6	25.2	.9	21.0	142	21	1053.8	21.9	28.9	57.0	6.01	23.8	6.3	1.04	5.99	.60	3.76	.76	2.51	.34	2.51	.39	1	Std.

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	
9206	3	<.5	7.1	14.1	.8	6.1	266.6	9	12.2	1.0	1.1	1.0	14.3	<5	3	17.3	16.0	3.2	6.9	.80	2.6	1.0	<.05	.92	.31	2.20	.41	1.40	.29	3.08	.48	7	425-426.0 m
9207	1	<.5	5.3	16.3	.6	8.0	137.7	11	4.6	1.2	1.2	.5	12.2	<5	10	13.1	3.9	2.5	5.7	.72	2.5	1.1	<.05	.80	.18	.83	.10	.27	<.05	.41	.05	9	426-427
9208	4	<.5	25.3	20.7	<.5	15.2	439.1	25	5.5	2.9	.3	1.4	2.6	<5	4	9.5	1.1	.7	3.5	.18	.6	.3	<.05	.25	.05	.25	<.05	.07	<.05	.11	.01	6	427-428
9209	2	<.5	16.4	13.0	<.5	4.8	367.7	11	6.1	1.2	.5	1.0	11.7	<5	7	6.9	2.7	1.2	2.5	.33	1.1	.5	<.05	.38	.10	.52	.07	.19	<.05	.25	.03	6	428-429
9210	5	<.5	6.4	14.2	1.8	7.0	232.1	8	18.6	1.5	2.7	.9	49.5	<5	3	37.3	18.5	6.3	13.3	1.54	5.7	2.0	.09	1.72	.45	3.09	.53	1.82	.32	3.02	.46	3	429-430
9211	3	<.5	5.8	13.9	1.0	6.0	219.1	8	20.7	1.4	3.1	.8	22.0	<5	10	26.4	12.3	8.1	17.0	1.91	6.9	2.1	.14	1.73	.38	2.32	.38	1.24	.21	1.85	.29	5	430-431
9212	8	<.5	5.3	13.4	.8	2.2	214.2	6	16.7	.5	1.2	1.0	21.0	<5	2	19.4	9.0	3.1	6.5	.77	2.5	.9	.08	.84	.22	1.50	.27	.96	.20	2.12	.32	11	431-432.15
9213	32	<.5	4.1	15.3	.8	9.6	175.6	8	39.9	1.9	2.2	1.2	27.4	<5	10	20.3	13.6	6.0	12.7	1.43	4.7	1.7	.18	1.55	.35	2.36	.40	1.30	.21	1.85	.30	6	432.15-433.6
9214	39	<.5	5.1	14.5	1.0	8.8	208.1	8	44.2	2.1	2.1	.6	17.1	<5	4	24.6	15.7	6.0	12.7	1.41	5.0	1.6	.26	1.79	.41	2.62	.47	1.56	.26	2.39	.35	5	434.4-436
9215	4	<.5	4.3	16.0	.7	9.8	117.4	6	37.4	1.9	2.4	.6	16.0	<5	10	17.6	17.2	7.4	15.5	1.83	6.5	1.9	.27	2.00	.48	3.01	.52	1.62	.27	2.41	.34	6	436-437.4
9216	5	<.5	4.9	15.3	.6	9.9	214.0	9	28.6	1.9	1.1	.9	11.7	<5	4	13.2	8.5	3.3	6.6	.77	2.6	.9	.20	.93	.21	1.47	.26	.82	.14	1.46	.21	7	437.4-439.0
9217	11	<.5	6.0	14.0	.6	8.0	266.7	9	36.5	1.6	1.7	.9	11.3	<5	9	14.8	12.1	5.1	10.5	1.20	4.0	1.2	.30	1.38	.33	2.06	.36	1.18	.19	1.63	.23	5	439-440.75
9218	10	<.5	5.6	12.1	.5	6.1	286.4	9	28.0	1.3	.8	.9	11.7	<5	3	11.4	7.0	2.4	4.5	.54	1.9	.7	.16	.76	.18	1.14	.20	.60	.10	.98	.15	5	440.75-442.55
9219	6	56.5	3.5	14.3	1.1	5.4	167.8	8	21.0	.8	1.2	.4	19.4	27	12	22.5	9.8	3.0	6.2	.70	2.5	.8	.10	.97	.26	1.55	.28	.94	.16	1.42	.22	4	442.55-443.55
9220	10	<.5	4.6	14.1	.7	7.5	192.5	6	38.5	1.3	1.6	.6	12.0	<5	4	19.5	11.6	4.8	9.9	1.16	4.0	1.3	.28	1.30	.32	1.90	.36	1.16	.18	1.59	.23	4	443.55-445.0
RE 9220	9	<.5	4.6	13.5	.6	7.1	192.7	5	38.3	1.3	1.8	.6	13.1	<5	4	14.9	13.4	5.6	11.2	1.28	4.4	1.4	.28	1.50	.34	2.29	.40	1.29	.20	1.78	.27	3	Rpt.
RRE 9220	9	<.5	4.5	13.7	.6	7.4	186.1	5	36.6	1.4	2.1	.4	12.2	<5	9	14.9	12.8	6.7	13.6	1.53	5.2	1.6	.27	1.65	.35	2.22	.38	1.19	.19	1.78	.26	4	Rpt.
9221	59	.7	5.3	14.1	1.2	9.7	168.2	7	65.8	2.3	2.2	.4	11.8	<5	4	38.4	13.0	7.5	15.2	1.71	6.1	1.6	.31	1.64	.34	2.29	.40	1.29	.19	1.82	.27	5	445-446
9222	15	<.5	4.8	13.7	.7	7.9	192.3	6	60.0	1.6	3.4	.4	19.7	<5	9	18.7	16.7	10.8	23.3	2.63	8.9	2.7	.27	2.22	.51	3.04	.51	1.58	.25	2.11	.32	6	446-447.2
9223	29	<.5	4.9	13.7	.8	9.3	177.5	6	65.9	2.1	2.4	.3	19.7	<5	4	20.7	16.8	7.5	15.7	1.80	6.3	1.9	.26	1.98	.45	2.78	.50	1.58	.26	2.25	.35	3	447.2-449.3
9224	55	<.5	1.3	14.3	.7	7.0	60.4	5	63.5	1.5	1.6	.1	15.0	<5	7	17.5	10.5	5.2	10.4	1.20	4.4	1.2	.17	1.25	.27	1.82	.30	1.03	.15	1.40	.21	8	449.3-450
9225	38	.5	4.7	13.8	.9	9.0	198.6	7	51.1	2.0	2.0	.3	15.4	<5	4	21.8	14.1	6.3	13.2	1.52	5.2	1.7	.23	1.65	.39	2.46	.43	1.39	.23	2.06	.31	4	450-451.5 EoH
STANDARD SO-15	2089	22.0	2.9	17.3	25.9	29.6	64.5	16	415.9	1.6	25.4	1.2	21.8	146	20	1017.8	23.6	30.1	58.0	6.31	24.1	4.6	1.05	3.96	.64	3.84	.78	2.55	.34	2.40	.38	2	Std.

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

Data FA

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Charleau Resources Ltd. PROJECT FLAN File # A003961 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	Interval Sampled
8901	2	28	6	45	40	<2	<.2	<.5	<.5	Not HL00-1
8902	4	4	5	3	7	5	<.2	<.5	1.5	51.3-52.3 m
8903	2	5	6	3	1	8	<.2	<.5	1.0	52.3-53.3
8904	3	7	4	3	7	4	<.2	<.5	<.5	53.3-54.3
8905	3	7	8	7	1	19	<.2	<.5	.6	61.8-62.8m
8906	3	10	4	3	7	7	<.2	<.5	<.5	62.8-64.2
8907	2	4	53	28	1	129	.8	<.5	.7	93.4-94.4
8908	3	5	34	22	4	277	.2	<.5	<.5	94.4-95.4
8909	2	6	40	15	1	119	.5	<.5	1.2	95.4-96.4
8910	4	5	423	66	6	138	1.4	<.5	.8	96.4-97.4
RE 8910	4	5	423	64	6	123	1.4	<.5	.8	Repeats
RRE 8910	3	4	583	42	1	127	1.0	<.5	1.1	
8911	3	3	37	45	6	264	.5	<.5	.9	97.4-98.4 m
8912	3	2	80	4	1	68	.3	<.5	.6	98.4-99.4
8913	3	3	13	1	5	159	.6	<.5	1.3	99.4-100.4
8914	3	2	14	3	1	233	<.2	<.5	1.0	100.4-101.4
8915	3	11	230	139	6	579	1.5	<.5	1.6	101.4-102.4
8916	3	9	38	19	1	401	.2	<.5	<.5	102.4-103.2
8917	4	6	10	6	6	193	1.0	<.5	<.5	119-120
8918	3	3	77	33	1	182	.8	<.5	.8	120-121.0 m
8919	4	11	545	262	10	233	1.7	<.5	<.5	121-122.0
8920	3	5	18	16	4	198	.7	<.5	<.5	122-123.0
8921	3	3	10	171	5	17	1.9	<.5	.9	123-124.0
8922	3	1	15	5	1	141	.5	<.5	1.8	124-125.0
RE 8922	3	1	15	4	1	141	.5	<.5	1.5	Repeat
RRE 8922	3	2	15	6	5	155	.6	<.5	1.5	
8923	3	3	60	25	1	89	.5	<.5	.8	125-126.0
8924	3	5	363	65	5	377	.7	<.5	1.3	126-127.0
8925	3	3	403	325	1	144	4.9	<.5	.9	127-128.0
8926	3	3	22	25	5	92	.4	<.5	.6	128-129.6 m
8927	3	2	44	96	1	199	1.7	<.5	.5	129.6-131.0
8928	3	3	16	63	5	56	.7	<.5	.5	131-132.0
8929	3	2	13	66	1	45	.6	<.5	.5	132-133.0m
STANDARD C3	27	69	36	165	39	58	25.1	16.0	23.2	Stds.
STANDARD G-2	2	3	3	17	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 10 2000 **DATE REPORT MAILED:** Oct 26/00 **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	Sampled Interval
8930	4	7	38	73	6	198	1.3	<.5	<.5	133-134.0 m
8931	3	5	16	60	1	268	.5	<.5	<.5	134-135
8932	3	5	28	9	5	144	.4	<.5	<.5	135-136
8933	3	3	9	18	1	24	<.2	<.5	.7	136-137
8934	3	4	34	12	5	140	.5	<.5	<.5	137-138.0m
8935	3	2	13	4	1	37	<.2	<.5	<.5	138-139
8936	4	3	8	5	5	44	<.2	<.5	<.5	139-140
8937	3	2	6	6	1	40	<.2	<.5	.9	140-141
8938	3	2	6	2	5	20	<.2	<.5	.5	141-142
8939	3	1	7	2	1	12	<.2	<.5	.5	142-143
8940	3	3	8	5	5	17	<.2	<.5	<.5	143-144 m
RE 8940	3	3	8	7	5	18	<.2	<.5	<.5	
RRE 8940	3	2	8	7	1	18	<.2	<.5	<.5	Repeats
8941	3	7	49	84	4	222	.6	<.5	.6	144-145
8942	3	12	812	308	1	651	3.2	<.5	1.2	145-146
8943	4	6	1199	168	6	119	1.6	<.5	2.0	146-147
8944	3	8	47	7	1	12	<.2	<.5	<.5	147-148
8945	3	3	13	5	5	11	<.2	<.5	<.5	148-149 m
8946	2	2	5	8	1	3	<.2	<.5	<.5	149-150
8947	3	4	7	4	5	3	<.2	<.5	<.5	150-151
8948	2	1	5	5	1	3	<.2	<.5	1.4	151-152
8949	3	3	4	4	5	5	<.2	<.5	.7	152-153
8950	2	2	4	10	1	19	<.2	<.5	1.4	153-154
8951	3	8	280	547	5	49	7.6	<.5	1.8	154-155
8952	2	2	19	20	1	3	<.2	<.5	.5	155-156
RE 8952	2	2	19	19	1	3	<.2	<.5	<.5	
RRE 8952	3	4	19	24	5	4	<.2	<.5	<.5	Repeats
8953	3	3	15	20	1	5	<.2	<.5	<.5	156-157
8954	3	6	34	9	5	6	<.2	<.5	<.5	157-158
8955	3	1	14	4	1	48	<.2	<.5	.5	158-159.0m
8956	3	5	10	3	5	127	.3	<.5	1.3	159-160
8957	2	3	5	2	1	14	<.2	<.5	.5	160-161
8958	3	6	6	2	5	21	<.2	<.5	.9	161-162
8959	2	2	7	1	1	69	<.2	<.5	.6	162-163 m
STANDARD C3	26	72	36	169	38	57	23.7	16.0	22.9	Stds.
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

ACME ANALYTICAL

Chapleau Resources Ltd. PROJECT HORN FILE # A003961

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	As ppm	Cd ppm	Sb ppm	Bi ppm	Sampled Interval
8960	1	9	9	8	1	234	<.2	<.5	<.5	163-164 m
8961	1	6	19	18	2	472	<.2	<.5	.5	164-165
8962	2	12	8	2	1	3140	<.2	<.5	1.8	165-166
8963	1	12	7	2	2	52	<.2	<.5	<.5	166-167
8964	2	3	5	1	1	14	<.2	<.5	.5	167-168
8965	1	4	11	2	2	45	<.2	<.5	<.5	168-169 m
8966	2	4	17	5	1	102	.3	<.5	.6	169-170
8967	1	2	5	2	1	12	<.2	<.5	.7	170-171
8968	2	2	6	2	1	<2	<.2	<.5	.7	171-172
8969	1	2	4	3	2	11	<.2	<.5	.6	172-173
8970	2	2	4	2	1	37	<.2	<.5	.5	173-174 m
RE 8970	2	2	4	5	1	38	<.2	<.5	.8	
RRE 8970	1	3	4	6	2	43	<.2	<.5	.8	
8971	2	2	19	3	1	89	.2	<.5	1.3	174-175
8972	1	2	6	4	2	17	<.2	<.5	<.5	175-176
8973	2	3	7	5	1	12	<.2	<.5	.6	176-177
8974	1	3	4	3	2	21	<.2	<.5	<.5	177-178
8975	2	1	3	2	1	4	<.2	<.5	<.5	178-179
8976	1	7	405	411	2	16	5.5	<.5	1.7	179-180
8977	2	3	7	2	1	8	<.2	<.5	<.5	180-181 m
8978	1	2	6	3	2	9	<.2	<.5	.6	181-182
8979	2	1	6	3	1	6	<.2	<.5	<.5	182-183
8980	1	2	4	2	2	2	<.2	<.5	<.5	183-184
8981	2	2	26	1	2	2	<.2	<.5	1.1	184-185
8982	1	2	4	2	2	3	<.2	<.5	.7	185-186 m
RE 8982	1	2	4	2	2	3	<.2	<.5	.9	
RRE 8982	2	1	4	1	2	2	<.2	<.5	.7	
8983	1	6	15	4	2	3	<.2	<.5	<.5	186-187
8984	2	3	43	7	1	<2	<.2	<.5	.9	187-188
8985	1	4	16	5	2	13	<.2	<.5	1.3	188-189
8986	2	3	7	5	1	28	<.2	<.5	<.5	189-190
8987	1	6	133	32	1	7	.4	<.5	.5	190-191
8988	3	23	2404	2454	1	237	26.1	1.3	4.2	191-192
8989	2	14	953	1001	2	221	14.3	<.5	1.6	192-193 m
STANDARD C3	27	70	36	173	37	59	24.8	16.0	23.7	Std.
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 FA

ACME ANALYTICAL

Chapleau Resources Ltd. PROJECT HORN FILE # A003961

Page 4 (b)

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	As ppm	Cd ppm	Sb ppm	Bi ppm	Sampled Interval
8990	2	5	15	7	1	3	<.2	<.5	.8	193-194 m
8991	1	26	209	107	2	51	1.5	<.5	<.5	194-195
8992	2	4	11	5	1	3	<.2	<.5	<.5	195-196
8993	1	13	51	41	2	7	.5	<.5	<.5	196-197
8994	2	8	16	10	1	4	<.2	<.5	.5	197-198
8995	1	12	18	6	2	3	<.2	<.5	1.1	198-199
8996	2	6	104	52	1	6	.6	<.5	<.5	199-200 m
RE 8996	2	6	110	51	1	5	.6	<.5	<.5	Repeats
RRE 8996	1	6	88	64	2	3	.8	<.5	<.5	
8997	2	7	154	41	1	13	.5	<.5	.7	200-201
8998	1	4	36	74	2	2	.9	<.5	<.5	201-202
8999	2	7	13	5	1	4	<.2	<.5	<.5	202-203 m
STANDARD C3	27	70	35	168	38	59	25.0	16.0	22.8	Stds.
STANDARD G-2	1	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

[illegible] 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Chapleau Resources Ltd. PROJECT HORN File # A004048 Page 1 (b)

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	As ppm	Cd ppm	Sb ppm	Bi ppm	Sampled Interval
9000	3	10	38	24	1	8	<.2	<.5	.8	203-204 m
9001	2	2	10	3	2	4	<.2	<.5	2.5	204-205.1
9003	1	5	7	2	2	64	<.2	<.5	<.5	205.55-207.0
9004	3	14	5	2	2	96	<.2	<.5	<.5	207-208
9005	1	3	6	3	2	16	<.2	<.5	.6	208-209
9006	3	1	5	1	2	3	<.2	<.5	.5	209-210
9007	1	2	5	2	2	2	<.2	<.5	<.5	210-211 m
RE 9007	1	2	5	2	2	2	<.2	<.5	<.5	Repeats
RRE 9007	3	2	5	9	2	3	<.2	.7	<.5	
9008	1	2	5	1	2	2	<.2	.5	<.5	211-212
9009	3	1	5	1	2	3	<.2	<.5	1.8	212-213 m
9010	1	2	4	1	2	2	<.2	<.5	.6	213-214
9011	2	3	14	3	2	11	<.2	<.5	1.0	214-215
9012	1	7	58	12	2	13	<.2	<.5	.7	215-216
9013	3	2	7	2	2	4	<.2	<.5	.8	216-217
9014	1	4	22	5	2	11	<.2	<.5	.9	217-218
9015	2	8	197	40	1	18	.3	<.5	.9	218-219
9016	1	10	228	164	2	20	1.7	<.5	.7	219-220
9017	2	11	28	12	1	8	<.2	<.5	.5	224.4-226
9018	1	4	60	8	2	5	<.2	<.5	.5	226-227
9019	3	6	20	17	1	46	<.2	<.5	<.5	227-228.8 m
9020	1	4	12	6	1	12	<.2	<.5	1.1	230-231.0
RE 9020	1	4	12	6	2	11	<.2	<.5	1.3	Repeats
RRE 9020	3	4	13	6	2	11	<.2	<.5	1.0	
9021	1	3	19	7	2	25	<.2	<.5	.6	231-232.0
9022	2	2	6	1	1	16	<.2	<.5	<.5	232-233
9023	1	2	5	2	1	24	<.2	<.5	.7	233-234
9024	2	1	21	5	1	10	<.2	<.5	.6	234-235
9025	1	2	23	11	2	6	<.2	<.5	<.5	235-236
9026	2	1	8	5	1	20	<.2	<.5	<.5	236-237
9027	2	3	24	6	1	50	<.2	<.5	.7	237-238
9028	2	3	11	4	1	16	<.2	<.5	.6	238-239
9029	1	8	53	9	2	138	<.2	<.5	.8	239-240
STANDARD C3	28	70	35	166	36	58	22.3	17.8	23.3	Stds.
STANDARD G-2	1	3	3	45	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 60 <u>Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.</u>

DATE RECEIVED: OCT 13 2000 **DATE REPORT MAILED:** Oct 27/00 **SIGNED BY**.........D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

ACME ANALYTICAL

Chapleau Resources Ltd. PROJECT HORN FILE # A004048 Page 3 (b)

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	As ppm	Cd ppm	Sb ppm	Bi ppm	
9060	3	2	12	9	4	35	<.2	<.5	<.5	270-271 m
9061	3	1	16	2	1	25	<.2	<.5	.6	271-272
9062	4	3	10	2	5	21	<.2	<.5	<.5	272-273
9063	3	1	7	1	1	21	<.2	<.5	<.5	273-274
9064	4	2	7	1	5	21	<.2	<.5	2.2	274-275 m
RE 9064	4	3	7	1	5	28	<.2	<.5	2.3	Repeats
RRE 9064	3	1	7	1	1	15	<.2	<.5	1.9	
9065	4	3	11	7	6	26	<.2	<.5	1.5	275-276
9066	3	2	25	11	1	232	<.2	<.5	<.5	276-277
9067	4	3	8	7	5	15	<.2	<.5	<.5	277-278
9068	3	1	4	1	1	5	<.2	<.5	.5	278-279
9070	4	2	5	2	5	8	<.2	<.5	.9	279-280 m
9071	3	1	6	1	1	5	<.2	<.5	<.5	280-281
9072	4	2	6	<1	6	18	<.2	<.5	.5	281-282
9073	3	1	6	1	1	53	<.2	<.5	1.0	282-283
9074	3	2	6	1	5	11	<.2	<.5	<.5	283-284
9075	3	1	7	1	1	31	<.2	<.5	.9	284-285
9076	4	2	6	1	5	4	<.2	<.5	.9	285-286
9077	3	1	8	<1	1	5	<.2	<.5	.5	286-287
9078	3	2	7	1	5	39	<.2	<.5	1.3	287-288
9079	2	2	4	1	1	101	<.2	<.5	.6	288-289
9080	3	3	8	1	5	63	<.2	<.5	.5	289-290
9081	3	1	9	2	1	24	<.2	<.5	.6	290-291
9082	4	1	10	1	1	131	<.2	<.5	<.5	291-292
9083	4	4	8	2	5	129	<.2	<.5	.5	292-293
9084	3	1	6	1	1	154	<.2	<.5	<.5	293-294 m
RE 9084	3	1	6	1	1	164	<.2	<.5	<.5	Repeats
RRE 9084	3	3	6	1	5	184	<.2	<.5	.5	
9085	3	2	11	1	1	405	<.2	<.5	<.5	294-295
9086	3	2	9	2	1	983	<.2	<.5	<.5	295-296
9087	4	4	11	2	5	161	<.2	<.5	<.5	296-297
9088	3	1	8	1	1	45	<.2	<.5	<.5	297-298
9089	3	3	7	2	4	39	<.2	<.5	<.5	298-299
9090	3	2	8	3	1	49	<.2	<.5	<.5	299-300 m
STANDARD C3	27	68	35	169	35	57	22.0	17.6	22.8	
STANDARD G-2	2	3	3	44	6	<2	<.2	<.5	<.5	Stds.

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

Data FA

ACME ANALYTICAL

Chapleau Resources Ltd. PROJECT HORN FILE # A004048 Page 2 (b)

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	As ppm	Cd ppm	Sb ppm	Bi ppm	Sampled Interval
9030	4	9	93	14	4	275	<.2	<.5	<.5	240-241.0 m
9031	3	5	108	11	1	300	<.2	<.5	.5	241-242
9032	4	6	295	20	5	211	.3	<.5	1.4	242-243
9033	3	4	186	20	1	137	.3	<.5	.6	243-244
9034	4	5	19	6	6	88	<.2	<.5	<.5	244-245
9035	3	3	16	52	1	126	.4	<.5	.7	245-246
9036	5	4	10	7	6	97	<.2	<.5	.5	246-247
9037	3	1	12	<1	1	44	<.2	<.5	4.7	247-248
9038	4	3	7	1	6	23	<.2	<.5	<.5	248-249
9039	3	3	13	3	1	306	<.2	<.5	.5	249-250
9040	4	4	13	4	6	168	.2	<.5	<.5	250-251.0
RE 9040	4	4	14	4	6	171	<.2	<.5	<.5	Repeats
RRE 9040	3	2	17	4	1	152	<.2	<.5	<.5	
9041	4	3	22	5	5	59	<.2	<.5	<.5	251-252.0
9042	3	3	30	41	1	163	.4	<.5	1.1	252-252.6 m
9043	4	6	111	33	5	214	.5	<.5	<.5	252.6-254
9044	3	3	500	10	1	799	<.2	.5	.6	254-255
9045	4	5	118	5	5	469	<.2	<.5	<.5	255-256
9046	3	2	101	104	1	132	.9	<.5	<.5	256-257
9047	4	6	27	5	6	633	<.2	.5	<.5	257-258
9048	3	3	60	8	1	679	<.2	<.5	<.5	258-259
9049	4	3	109	5	6	204	.2	.5	1.1	259-260
9050	3	2	19	142	1	190	1.2	<.5	.9	260-261
9051	4	3	8	2	6	11	<.2	<.5	<.5	261-262
9052	3	2	8	1	1	496	<.2	<.5	1.3	262-263
9053	5	143	944	112	7	255	.6	.8	.5	263-264
9054	3	7	288	91	1	538	.9	<.5	1.4	264-265.0 m
RE 9054	4	8	296	92	1	561	.9	<.5	1.5	Repeats
RRE 9054	5	10	353	92	6	543	.9	<.5	1.8	
9055	3	2	20	8	1	50	<.2	<.5	.5	265-266
9056	4	5	591	1	5	30	<.2	<.5	2.8	266-267
9057	3	2	12	1	1	122	<.2	<.5	.6	267-268
9058	3	2	11	1	4	112	<.2	<.5	.5	268-269
9059	3	5	335	245	1	63	1.8	<.5	<.5	269-270
STANDARD C3	28	68	35	166	35	58	22.4	18.6	22.9	Stds.
STANDARD G-2	1	3	3	43	7	<2	<.2	<.5	<.5	

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

Data FA

ACME ANALYTICAL

Chapleau Resources Ltd. PROJECT HORN FILE # A004048 Page 4 (b)

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	As ppm	Cd ppm	Sb ppm	Bi ppm	Interval Sampled
9091	4	3	3	3	5	178	<.2	<.5	<.5	300-301m
9092	3	1	5	2	1	19	<.2	<.5	1.4	301-302
9093	4	4	7	2	5	3	<.2	<.5	<.5	302-303
9094	3	2	7	1	1	<2	<.2	<.5	.5	303-304
9095	4	4	4	2	5	4	<.2	<.5	<.5	304-305
9096	3	1	12	2	1	103	<.2	<.5	.5	305-306
9097	3	2	7	1	5	30	<.2	<.5	.7	306-307
9098	3	1	6	1	1	6	<.2	<.5	.7	307-308 m
9099	4	3	3	1	5	2	<.2	<.5	<.5	308-309
9100	3	2	8	1	1	3	<.2	<.5	2.2	309-310
9101	4	3	7	2	5	<2	<.2	<.5	<.5	310-311
RE 9101	4	3	8	2	5	<2	<.2	<.5	1.3	Repeats
RRE 9101	3	1	7	1	1	<2	<.2	<.5	<.5	
9102	4	2	7	1	5	19	<.2	<.5	.9	311-312
9103	4	1	8	3	1	5	<.2	<.5	.8	312-313
9104	4	2	8	1	5	34	<.2	<.5	.6	313-314
9105	3	6	4055	138	1	66	1.9	2.6	2.2	314-315
9106	1	2	16	4	1	<2	<.2	<.5	2.1	315-316 m
9107	2	1	10	1	1	10	<.2	<.5	.7	316-317
9108	1	1	7	1	1	13	<.2	<.5	1.5	317-318
9109	2	1	5	1	1	20	<.2	<.5	<.5	318-319
9110	1	1	6	1	1	79	<.2	<.5	<.5	319-320
9111	2	1	6	1	1	36	<.2	<.5	<.5	320-321
9112	1	1	5	1	1	22	<.2	<.5	2.0	321-322
RE 9112	1	1	4	1	1	25	<.2	<.5	.8	
RRE 9112	2	1	5	1	1	16	<.2	<.5	.6	Repeats
9113	3	2	4	1	5	185	<.2	<.5	<.5	322-323
9114	3	1	13	1	1	23	<.2	<.5	<.5	323-324
9115	4	2	33	1	6	17	<.2	<.5	<.5	324-325
9116	3	1	42	1	1	18	<.2	<.5	<.5	325-326 m
9117	3	2	6	1	5	3	<.2	<.5	<.5	326-327
9118	3	1	7	1	1	10	<.2	<.5	1.2	327-328
9119	4	3	5	1	5	<2	<.2	<.5	1.0	328-329
9120	3	1	4	1	1	<2	<.2	<.5	<.5	329-330 m
STANDARD C3	28	69	36	169	35	59	22.3	17.4	22.8	Stds.
STANDARD G-2	1	3	3	44	7	<2	<.2	<.5	<.5	

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

Date FA

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Chapleau Resources Ltd. PROJECT HORN File # A003961 Page 1
104 - 135 - 10th Ave S., Cranbrook BC V1C 2N1 Submitted by: D.L. Pighin

SAMPLE#	Au* ppb	Sampled Interval
8907	1.0	93.4-94.4m
8908	2.3	94.4-95.4
8909	3.0	95.4-96.4
8910	1.7	96.4-97.4
RE 8910	1.7	
RRE 8910	1.9	Repeats
8911	3.7	97.4-98.4m
8912	1.7	98.4-99.4
8913	2.4	99.4-100.4
8914	1.9	100.4-101.4
8915	11.2	101.4-102.4
8916	1.7	102.4-103.2
8923	1.6	125-126.0m
8924	22.2	126-127.0
8925	6.8	127-128.0 m
STANDARD DS2	199.4	Std.

AU* BY ACID LEACHED, ANALYSIS BY ICP/MS. (10 gm)
- SAMPLE TYPE: CORE R150 60C
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 10 2000 DATE REPORT MAILED: Oct 26/00 SIGNED BY C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Date FA

ACME ANALYTICAL

Chapleau Resources Ltd. PROJECT HORN FILE # A004048

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	As ppm	Cd ppm	Sb ppm	Bi ppm	Sampled Interval
9121	1	1	4	1	2	<2	<.2	<.5	.5	330-331.0m
9122	3	2	6	1	2	2	<.2	<.5	.6	331-332
9123	1	1	6	5	2	8	<.2	<.5	<.5	332-333
9124	2	2	7	2	1	<2	<.2	<.5	.8	333-334
9125	1	2	6	2	2	<2	<.2	<.5	<.5	334-335.5
9126	15	38	20	94	19	33	12.1	10.1	11.7	335.5-337m
9127	1	19	<3	3	1	<2	.5	.9	<.5	337-338
9128	2	2	10	5	1	<2	<.2	<.5	<.5	338-339
9129	1	3	7	2	1	2	<.2	<.5	<.5	339-340
9130	2	5	18	1175	1	<2	15.2	<.5	<.5	340-341
RE 9130	2	5	19	1183	1	<2	15.5	<.5	<.5	Repeats
RRE 9130	1	7	21	1111	2	<2	14.1	<.5	<.5	
9131	2	2	4	12	1	<2	<.2	<.5	1.0	341-342m
9132	1	2	10	8	1	<2	<.2	<.5	1.0	342-343
9133	2	1	3	2	1	<2	<.2	<.5	<.5	343-344
9134	1	2	9	2	2	<2	<.2	<.5	.6	344-345
9135	2	1	8	1	1	<2	<.2	<.5	.6	345-346m
9136	1	1	8	1	1	<2	<.2	<.5	.8	346-347
9137	2	2	30	2	2	<2	<.2	<.5	<.5	347-348
9138	1	2	6	1	2	<2	<.2	<.5	1.2	348-349
9139	2	1	6	2	1	3	<.2	<.5	<.5	349-350.2m
9140	1	4	33	10	1	4	<.2	<.5	1.7	350.2-352.05
9141	2	2	7	3	2	12	<.2	<.5	<.5	352.05-353.2
9142	1	2	5	2	2	<2	<.2	<.5	<.5	353.5-356.0
9143	2	8	4	5	4	144	<.2	<.5	<.5	356-357.0m
STANDARD C3	27	71	34	168	36	61	23.0	17.3	23.7	Stds.
STANDARD G-2	2	2	<3	44	7	<2	<.2	<.5	<.5	

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

Data FA

PROPERTY: PAKK/HORN		**HORI COMP:** ~110m	**HOLE #: HL00-1** **LENGTH: 451.5 m**
LOCATION: Hellroaring Creek Stock		**VERT. COMP:** ~440m	
COMMENCED: Sept 29, 2000	**COMPLETED:** Oct 7, 2000	**CORR. DIP:**	
COORDS: (long)	**(lat)**	**TRUE BEARING:**	**DRILL CONTRACTOR:** LeClerc Drilling
COORDS: (UTM) (E) 559780	**(N)** 5490960 **(EL)**	**% RECOVERY:** Excellent	**CORE SIZE:** NQ
COORDS: (grid) (E)	**(N)** **(EL)**	**LOGGED DATE:** Sept 30, 2000	**CASING:** 0 – 3.05 m
ELEVATION: 1680 m	**COLLAR: (dip)** -75° **(Azi)** 250°	**LOGGED BY:** D. Anderson & D. Pighin	**CORE STORAGE:** Vine Property
OBJECTIVE: To test the granitic pegmatite and associated sediments and gabbro to depth			**Additional Surveys:** none
SURVEYS: (depth)	**Dip:** **Azi:**	**Type:**	**Depth** **Dip** **Azi**

From To	
	LITHOLOGY: Foliated, altered gabbro. Weathering locally to about 30m. 18.25-19.40m – sheared, altered (micas) gabbro with sediments included. **TEXTURE:** fine to medium crystalline but tectonically overprinted; 19.4-20.55m – coarser crystalline gabbro then 20.55-22.80m – coarse crystalline quartz-tourmaline-feldspar dyke? Contacts with the last meter of gabbro is sheared/altered. Foliation at 80° to c/a.
3.05-44.55	**COLOR:** Dark gray
	COMPOSITION: uniform for bulk of gabbro – near shears and quartz vein, more variable with texture/composition extremes.
	TECTONIC STRUCTURE: Foliation is moderate at 75-80° to c/a. Sheared section 18.25-19.4m at 30-45° to c/a.
	GENERAL ALTERATION: Biotite replacing most hornblende to at least 12.0m. Below the shear and quartz vein i.e. >22.8m the hornblende is chloritized.
	MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Overall weak disseminated po (~1%). Some po in a few fractures. 20.55-22.80m – somewhat pegmatitic quartz vein with some feldspar included. Coarse crystalline schorl.
	ADDITIONAL OBSERVATIONS:

From To	
	LITHOLOGY: Aldridge sediments – bedding not obvious, some lams at 80° to c/a. 45.85-46.10m – pegmatite sill. **TEXTURE:** Fine grained, altered sediment. Upper contact appears at ~80° to c/a. Lower contact is cross-cut by pegmatite.
44.55-51.3	**COLOR:** pale brownish gray
	COMPOSITION: not typical lower Aldridge
	TECTONIC STRUCTURE: bedding at 80° to c/a but by ~49.5m down to 50° to c/a. There is a weak foliation (particularly in argillaceous units).
	GENERAL ALTERATION: Sediments are altered/silicified. Chloritic along fractures. Bedding to core at 87.5m = 61°.
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: Pegmatite sill – contacts with bedding @ 80°. Peg is quartz-feldspar-tourmaline with tourmaline-rich margins. Small shear 49.2-49.6m with included 8cm quartz vein with po. 87.3m – 1cm thick bedding parallel quartz-ZnS vein.
From To	**LITHOLOGY:** Pegmatite – coarser along contacts. **TEXTURE:** quite coarsely crystalline with silvery or greenish mica flakes
51.3-54.3	**COLOR:** greenish-gray
	COMPOSITION: quartz-feldspar-muscovite-tourmaline-garnet. Overall 30% quartz; 60% feldspar; 5-7% muscovite; 1-2% tourmaline + garnet + ? May be some albite/microline intergrowths.
	TECTONIC STRUCTURE: cross-cutting to bedding at top. Base is with bedding at 30° to c/a.
	GENERAL ALTERATION: Some feldspar greenish (altered)
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: muscovite – some looks greenish
	ADDITIONAL OBSERVATIONS:
From To	**LITHOLOGY:** Aldridge sediments **TEXTURE:** fine-grained wacke to quartzitic wacke
54.3-61.1	**COLOR:** Brownish-gray
	COMPOSITION: some similarities to lower Aldridge style
	TECTONIC STRUCTURE: thin bedded to medium bedded. At 40° to c/a, deeper to 80° to c/a. Fractured with bleaching. Foliation with the bedding.
	GENERAL ALTERATION: Weakly silicified chloritized – biotitic in argillaceous units.
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: Minor po (not unusual).

From To	
	LITHOLOGY: Pegmatite – upper contact at ? Lower contact appears cross-cutting **TEXTURE:** Coarse crystalline
61.1-64.15	**COLOR:** buff
	COMPOSITION: quartz-feldspar-tourmaline-muscovite. 65% feldspar; 25% quartz; 2-3% tourmaline; 5-8% muscovite
	TECTONIC STRUCTURE: quartz appears as the cement holding the rock together
	GENERAL ALTERATION: feldspars are buff coloured. Some high % tourmaline bands.
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE:
From To	**LITHOLOGY:** Aldridge sediments **TEXTURE:** Uniform fine-grained siliclastic sediments.
64.15-93.4	**COLOR:** brownish-gray
	COMPOSITION: fine-grained sediment – wacke to quartzitic wacke (m.b.)
	TECTONIC STRUCTURE: bedding at 80° to c/a at top; at 50° by 69.0m; at 60° around 75.0m; at 85° by 80.0m. Mostly thin-bedded. Some foliation of the argillaceous units.
	GENERAL ALTERATION: weak silicification; biotite+sericite – looks a bit hornfelsic (spotted quartzitic rocks).
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: 65.5-66.0m – quartz vein and sheared, altered sediment with po. At 25° to c/a. 66.4-67.0m – quartz vein + slightly pegmatitic at 15° to c/a. Chloritic. 71.4-72.1m – quartz vein with high f.c. tourmaline margins.
From To	**LITHOLOGY:** Tourmaline-muscovite pegmatite dyke
93.4-103.2	**COLOR:** mottled white and gray
	COMPOSITION: Generally 45% microline-albite, 45% clear quartz, 3% tourmaline, 7% muscovite. Some light greenish feldspar, and some light greenish-yellowish muscovite, rare sericitic subhedral to euhedral pink garnets.
	TECTONIC STRUCTURE: dyke cuts core axis at 80°.
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: Very weakly disseminated py, ZnS, PbS is widely scattered throughout dyke. PbS and ZnS is best developed 93.4-94.0m. At 107.0m – 10cm band of abundant py with weak ZnS.

From To	
From To	**LITHOLOGY:** mainly lower Aldridge meta sediments 104.1-105.6m – tourmalinitic-muscovitic. Pegmatite dyke cuts core axis at 70°, 114.7-115.2m – thin pegmatite sill
103.0-119.0	**COLOR:**
	COMPOSITION: medium to thin bedded argillite and argillaceous siltstone, commonly finely parallel laminated. Bedding to core at 109.0m = 50°, at 116.0m = 45°
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: 105.6m – pegmatitic contact marked by 1.5cm vein hosting abundant py, PbS and scheelite.
	ADDITIONAL OBSERVATIONS:
From To	**LITHOLOGY:** Tourmalinitic-muscovitic pegmatite, contact top at 60°. **TEXTURE:** Coarsely crystalline to very coarsely crystalline.
119.0-129.6	**COLOR:** white to greenish white with light gray mottling, abundantly speckled black.
	COMPOSITION: 55% albite and microline, white to greenish-white, 35% clear quartz, 5% tourmaline, 5% greenish muscovite, rare sericitic pink garnets, tourmaline crystals generally 1mm or less in x.c., rarely 3mm x.c.
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: rare and widely scattered thin quartz veins (2mm to 10mm) cut core at angles of 60° to 11°, commonly contain abundant py, minor po, PbS and ZnS.
From To	**LITHOLOGY:** Muscovitic pegmatite **TEXTURE:** Coarsely crystalline
129.6-137.0	**COLOR:** yellowish white to brownish white with gray mottling, speckled brown
	COMPOSITION: 50% yellowish white to greenish white feldspar, 45% light gray quartz, 5% greenish muscovite
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE:

From To	LITHOLOGY: Minor tourmaline-muscovite pegmatite TEXTURE: coarse to very coarsely crystalline. Feldspar and quartz, muscovite and tourmaline, generally finely crystalline and rarely coarsely crystalline
137.0-176.0	COLOR: white, light green and gray mottling with widely scattered gray speckling
	COMPOSITION: 60% albite-microcline, white and whitish green, 33% clear quartz, 2% tourmaline, 5% greenish muscovite. Thin bands and widely scattered sericitized pink subhedral garnets.
	TECTONIC STRUCTURE:
	GENERAL ALTERATION: scattered late quartz vein rarely more thin 1cm thick are associated with abundant late finely crystalline light green muscovitization
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: late thin quartz veins cut core at angles between 28-32°. These veins generally are well mineralized by py, PbS, ZnS, aspy and lesser po. Finely crystalline muscovite alteration commonly host weakly disseminated py, po, aspy, PbS and ZnS. Best Pb-Zn mineralization from 125.0-128.0m Best aspy from 164.0-169.0m
From To	LITHOLOGY: Tourmaline-muscovite pegmatite TEXTURE: spotted coarsely crystalline overall – the tourmaline ranges from fine spotting to coarse patchwork. Muscovite often fine, ubiquitous over short intervals but also locally coarse flakes.
176.0-252.5	COLOR: greenish-gray with variable black spotting
	COMPOSITION: feldspars-quartz-tourmaline-muscovite pegmatite (garnet in minor localized patches). F:65;Q:25;T:overall 4%; M:overall 5%. There are 1to2cm intervals where the tourmaline content drops to low levels but temporarily
	TECTONIC STRUCTURE: None – Note: inclusions of gabbro: 205.1-205.55m – contacts at 60° to c/a with narrow chill zones – gabbro is chloritic green with magnetite near fr/veins; 219.9-224.4m – green to grayish green, chloritic hbde/epidote on fractures – albitization of pegmatite along footwall; 228.8-230.0m – gabbro, contacts at 65° to c/a; sometimes the tourmaline long-axis crystals are oriented at ~45° to c/a.
	GENERAL ALTERATION: feldspar greenish or white – assume the greenish feldspar may be more albitic and is weakly sericitized. Some finer intense sericite may be altered feldspar.
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: Narrow quartz veins cut the pegmatite – contain py, po, PbS, ZnS, aspy. Quartz vein 1-3cm thick at 30-60° to c/a. 191.7-194.7m – quartz vein with sulfides and green altered feldspar (?) Minor scattered sulfides in the pegmatite. 200.6m – disseminated (weakly) ZnS and PbS Around 207.85m – minor py and aspy near fractures/small veins. 218.6m – 1cm quartz vein with py-po-PbS.
	ADDITIONAL OBSERVATIONS:

From To	
	LITHOLOGY: Tourmaline-muscovite pegmatite – only change from above is far less greenish coloration to some of the feldspar. **TEXTURE:** still coarsely crystalline with sporadic short intervals not as coarse, with more sericite. Tourmaline is fine needles to rods of several cm's. Feldspars and quartz intergrown; locally high quartz zones. Some sugary zones with more muscovite but only over 1-2m intervals.
252.5-305.5	**COLOR:** spotted light gray to white
	COMPOSITION: feldspars 55%; Quartz 44%; tourmaline 6%; muscovite 4%. Tourmaline and muscovite vary with short intervals lower/higher in each independently. Garnets only very locally as small inclusions.
	TECTONIC STRUCTURE: none. Note: 291.8-292.1m banded due to tourmaline concentrations – at 75° to c/a. – could be remnants of sediments and bedding? Are zones of fine sericite reflecting relict sedimentary layering? At times suggestion of a relict fabric – quartz + T in bands? At 40-60° to c/a.
	GENERAL ALTERATION: Some muscovite could be late stage alteration of feldspar but most feldspars white in contrast to above section. Large (12cm) wedge of tourmaline at 308.2m. Muscovite – can be quite green but also silvery-gray.
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: 256.4m - 2.5cm quartz vein with PbS and ZnS. Quartz vein at 15° to c/a. Scheelite spot in quartz vein nearby. At 263.8m – 5cm of coarse crystalline py with PbS and ZnS. W? 269.6m – 1cm quartz vein with po, PbS and ZnS. 304.6-305.5m – fine grained quartz-rich interval.
	ADDITIONAL OBSERVATIONS:

From To	
	LITHOLOGY: Tourmaline-muscovite pegmatite (higher T content). Minor garnets (<1%). **TEXTURE:** coarse crystalline with large tourmaline crystals, also more abundant. Some quartz-rich separates over few cm's to 20cm. Minor graphic texture.
305.5-335.50	**COLOR:** white and creamy-white – spotted black.
	COMPOSITION: quartz 40%; feldspar 45%; 8-10% tourmaline; muscovite 5-7%
	TECTONIC STRUCTURE: None
	GENERAL ALTERATION: small percentage of feldspar is greenish. Seems quartz concentrations-T-M gr together spatially
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: 314.05m – 6cm quartz vein at 70° with py, ZnS and PbS
	ADDITIONAL OBSERVATIONS:

From To	
	LITHOLOGY: Tourmaline-muscovite pegmatite **TEXTURE:** still dominantly coarse crystalline. Get quartz-rich separates over short core lengths. T still quite coarse just less than above. Adjacent to altered seds get coarse sugary peg 350.2-352.1m.
335.50-367.60	**COLOR:** gray spotted – greenish tinge
	COMPOSITION: feldspar 55%; quartz 35%; tourmaline 5%; muscovite 3-5%. Minor local garnets.
	TECTONIC STRUCTURE: None. Note: altered (353.15-354.5m) blackish sediments – sericite, tourmaline, quartz – still f.g./ still primary po "lams" within. Relict bedding @ 60° to c/a most commonly. 356.8-357.0m – bedding @ 50-60° to c/a. Some ghosty clasts of sed remain.
	GENERAL ALTERATION: some weak sericitic alteration – greenish feldspar?
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: 340.15m – fracture with quartz vein at 55° to c/a with po and ZnS.
	ADDITIONAL OBSERVATIONS:
From To	**LITHOLOGY:** Altered zone along a fault with veining **TEXTURE:** some coarse textured vein material
367.6-370.0	**COLOR:** dark gray and greenish
	COMPOSITION:
	TECTONIC STRUCTURE: fault at 10-20° to c/a from 369.1-369.8m with gouge
	GENERAL ALTERATION: Along margin of dolomitic vein is green – sericite pseudo after feldspar (?)
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: dark dolomitic calcite along axis of core – brecciated in the fault zone.
From To	**LITHOLOGY:** Tourmaline-muscovite pegmatite. Tourmaline content higher than above. **TEXTURE:** coarse crystalline to very coarse crystalline
370.0-377.95	**COLOR:** blotchy gray – black irregular tourmaline patchwork
	COMPOSITION: feldspar 50%; quartz 40%; tourmaline 7%; muscovite 3-4%. Quartz – gray but also a smoky quartz.
	TECTONIC STRUCTURE: None. Note: short zones of graphic texture – apparently with microcline (white) and albitic feldspar.
	GENERAL ALTERATION: greenish alteration of albitic feldspars.
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: None to note

From To	
	LITHOLOGY: medium crystalline muscovite-tourmaline pegmatite. **TEXTURE:** uniform textured, more "granitic" in style. Coarse sugary phase.
377.95-379.0	**COLOR:** greenish gray, mottled
	COMPOSITION: feldspars 60%; quartz 30%; muscovite 10-12%; tourmaline 3-4%.
	TECTONIC STRUCTURE: none
	GENERAL ALTERATION: Sericitization (?)
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: none
	ADDITIONAL OBSERVATIONS:
From To	**LITHOLOGY:** Tourmaline-muscovite pegmatite. Garnet spotting locally. **TEXTURE:** coarse crystalline – coarser crystalline components with color variation emphasizing. Tourmaline is generally coarser.
379.0-385.75	**COLOR:** gray with black/white patchwork
	COMPOSITION: feldspar 45%; quartz (2 colours) 55%; tourmaline 7%; muscovite 4-6%.
	TECTONIC STRUCTURE: none
	GENERAL ALTERATION: some local sericitization
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: none
	ADDITIONAL OBSERVATIONS:
From To	**LITHOLOGY:** Muscovite-tourmalinite, uniform pegmatite dominant (same as 377.95-379.0m). **TEXTURE:** Uniform crystalline – medium crystalline – fine tourmaline and muscovite (more intrusive looking). One interval of graphic texture.
385.75-388.3	**COLOR:** mottled gray
	COMPOSITION: feldspar 60%; quartz 30%; muscovite 10-15%; tourmaline 3%
	TECTONIC STRUCTURE: none
	GENERAL ALTERATION: sericitization (musc) seems more ubiquitous.
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: none – no sulphides to note

From To	
388.3-397.0	**LITHOLOGY:** Tourmalinite-muscovite pegmatite. Minor pink garnet locally. **TEXTURE:** Coarsely crystalline – get quartz separates over a few cm's at a time **COLOR:** gray and black mottled
	COMPOSITION: feldspar 45%; quartz 45%; tourmaline 7%; muscovite 5-7%. Two quartz types – gray and smokey. Tourmaline medium crystalline.
	TECTONIC STRUCTURE: none
	GENERAL ALTERATION: some sericite (musc.) could be late stage alteration
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: no sulfides
	ADDITIONAL OBSERVATIONS:
From To 397.0-401.2	**LITHOLOGY:** Muscovite-tourmaline pegmatite (similar to two intervals above). Pink garnets minor. **TEXTURE:** dominantly medium crystalline – uniform excepting a few quartz separates (minor graphic texture). One coarse zone 398.9-399.2m. **COLOR:** mottled greenish-gray
	COMPOSITION: feldspar 50%; quartz 35%; muscovite 10-12%; tourmaline 3%
	TECTONIC STRUCTURE: none
	GENERAL ALTERATION: sericitization - looks like late injection of gray quartz
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: no sulphides
	ADDITIONAL OBSERVATIONS:
From To 401.2-403.2	**LITHOLOGY:** Tourmaline-muscovite pegmatite **TEXTURE:** coarser crystalline mottled pegmatite; minor graphic texture **COLOR:** mottled gray – white
	COMPOSITION: feldspar 45%; quartz 45%; tourmaline 3-4%; muscovite 5-7%.
	TECTONIC STRUCTURE: none
	GENERAL ALTERATION: sericitic alteration
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: none – there are quartz rich separates

From To	
	LITHOLOGY: Muscovite-tourmaline pegmatite **TEXTURE:** again a uniform, medium crystalline phase – quartz rich phases; some graphic texture
403.2-405.0	**COLOR:** greenish-gray
	COMPOSITION: feldspar 45%; quartz 45%; muscovite 10%; tourmaline 3%
	TECTONIC STRUCTURE: none
	GENERAL ALTERATION: sericitic – more pervasive
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: none
	ADDITIONAL OBSERVATIONS:
From To	**LITHOLOGY:** Tourmaline-muscovite pegmatite (minor pink garnets) **TEXTURE:** very coarse crystalline with mineral separation more prevalent. Minor perthitic and some coarse graphic texturing. Coarse tourmaline crystals >425.6m.
405.0-432.15	**COLOR:** mottled black/black
	COMPOSITION: feldspar 60%; quartz 25%; tourmaline 10-12%; muscovite 5%
	TECTONIC STRUCTURE: none. Note: 406.45-407.4m – medium crystalline interval with graphic texture (too short to separate out)
	GENERAL ALTERATION: sericitic
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: no quartz veining
	ADDITIONAL OBSERVATIONS:
From To	**LITHOLOGY:** uniform textured pegmatite with included altered sediments. **TEXTURE:** "medium" crystalline
432.15-437.4	**COLOR:** speckled to dark gray (due to sediments)
	COMPOSITION: feldspar 50%; quartz 40%; sericite 8-10%; tourmaline 2-3%
	TECTONIC STRUCTURE: none. Note: dark altered sediment at 60° to c/a – spotted by small quartz lenses in beds.
	GENERAL ALTERATION: sericitization
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: none

From To	
	LITHOLOGY: dominantly muscovite pegmatite (tourmaline) **TEXTURE:** Coarse crystalline with Q-F phases – more medium crystalline material towards base of hole and 10cm of included sediment at 445.7m. Some patches of graphic and perthitic textures?
437.4-451.5	**COLOR:** patchy gray and white
	COMPOSITION: feldspar 55%; quartz 40%; sericite 4-5%; tourmaline 1-2%
	TECTONIC STRUCTURE: none
	GENERAL ALTERATION: local sericite
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: None except 449.3-450.0m. Quartz and greenish feldspar (?) very minor flecking with dark mineral.
	ADDITIONAL OBSERVATIONS:
From To	**END OF HOLE**
451.5	