CHAPLEAU RESOURCES LTD.

ASSESSMENT REPORT

DIAMOND DRILLING PROGRAM

Drill Holes P01-1 to P01-4

PEG PROPERTY

Matthew Creek Area
FORT STEELE MINING DIVISION

TRIM Mapsheet 82F.070

Latitude 49°35'N Longitude 116°09'W

UTM 5,500,050 N 565,800E

By

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Chapleau Resources Ltd.
104-135-10th Ave.South
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November, 2001

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CHAPLEAU RESOURCES LTD.

Assessment Report on a Diamond Drill Program
DDH's P01-1 to 4
Peg Property

Fort Steele Mining Division **November, 2001**

1.00 INTRODUCTION

This report describes a drilling program conducted on the Peg property during January, 2001.

1.10 Location and Access

The Peg property, which includes the Peg and Flagship claims, is located approximately 6 kilometres west of Kimberley, B.C., in the Fort Steele Mining Division (Fig.1). The claims are centered near 40° 39' N Latitude and 116° 06' W Longitude / UTM 5,499,000 N, 565,000 E.

Access to the property is via roads servicing the St.Mary and Matthew Creek drainages. The claims lie immediately west of Matthew Creek and extend west to Denver Creek, a small tributary into the St. Mary River.

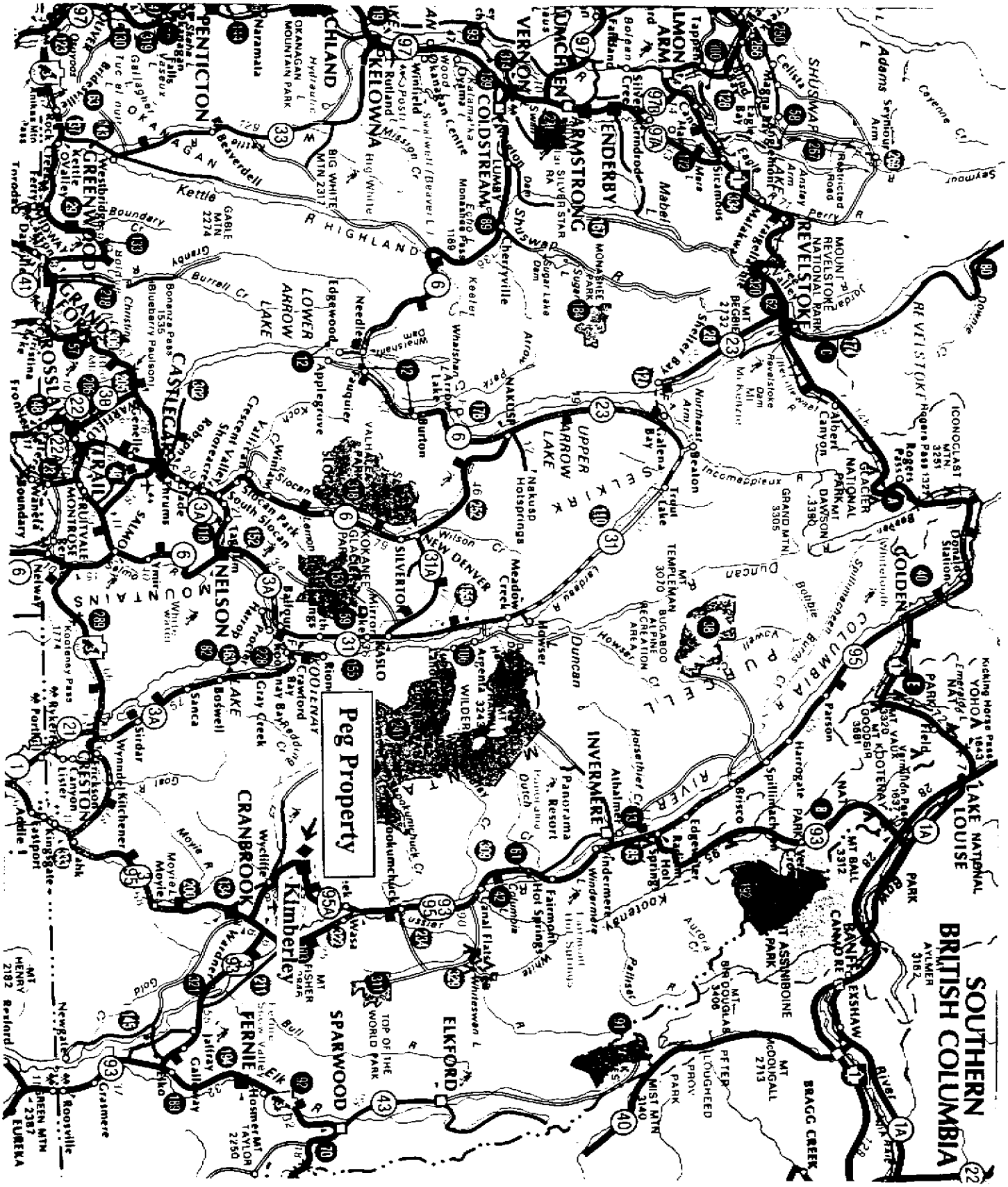
1.20 Property

The Peg property consists of 106 claim units in 48 claims known as the Peg 1 to 42 and the Flagship 1 to 6 optioned by Chapleau Resources Ltd. from Super Group Holdings Ltd. in November, 2000.

1.30 Physiography

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

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



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PEG PROPERTY	
Property Location Map	
Scale: ~1:1,600,000	Date: Oct/01
Map Sheet	FIGURE 1

1.40 History of Previous Exploration for Rare Metals and Industrial Minerals

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

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

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

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

1.50 Scope and Purpose of Work

In January, 2001, a 4 hole diamond drilling program, totaling 98.7 metres, tested the northeastern portion of the exposed Matthew Creek stock. Due to its similarities with the Hellroaring Creek stock to the south, including the presence of abundant and often large beryl crystals, a series of 4 holes were proposed to:

1) follow up on anomalous surface rock samples,
2) test the sub-surface extent of the granitic stock, and
3) determine and document any mineralization associated with the stock.

2.00 GEOLOGY

2.10 Regional Geology

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

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

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

On the other hand, the Hellroaring Creek stock is situated within the inner Cordilleran belt of Mesozoic to Tertiary muscovite and two-mica granite plutons and is very similar

to other rare-metal and pegmatite-bearing intrusives found in this belt with respect to its appearance, mineral and petrochemical composition, geochemical signatures as well as the set of related mineralization. This belt includes the White Creek batholith, situated to the north of the property, and extends the whole length of the North American Cordillera, close to the Rocky Mountain Trench. This plutonic belt controls numerous rare metal (beryllium, tantalum, tin, lithium, etc.) granite and pegmatite occurrences and deposits, which, in accordance to the age of the parental plutons, are believed to be of 90-70 Ma.

2.20 Local Geology

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

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

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

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

A relatively large pegmatite body outcrops in Lightning (Angus) Creek, immediately east of the Hellroaring Creek stock. The pegmatite is represented by very coarse-grained to large-crystalline (single crystals up to 20-40 cm across) rock, which outcrops for several metres. Proximal float fragments of the exposure were observed in the creek for a

distance of, at least, 100 m upstream. As a result, a strike length of the pegmatite body of some 100 m can easily be accepted.

The major minerals comprising the pegmatite are K-feldspar, quartz, large books of silverish-white to greenish muscovite, and black tourmaline. Typically, the pegmatite contains about 40 vol.% K-feldspar, 30% quartz, 20% tourmaline, and 10% muscovite, with local enrichment in some of these minerals. Locally, large (several centimetres across) crystals of greenish beryl are present. Also locally, very large (up to 10-15 cm across) segregations of fluor-apatite are found. Marginal facies of the pegmatite are locally enriched in fine-grained hematite and contain segregations of small well-shaped garnet crystals.

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

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

3.00 DIAMOND DRILLING

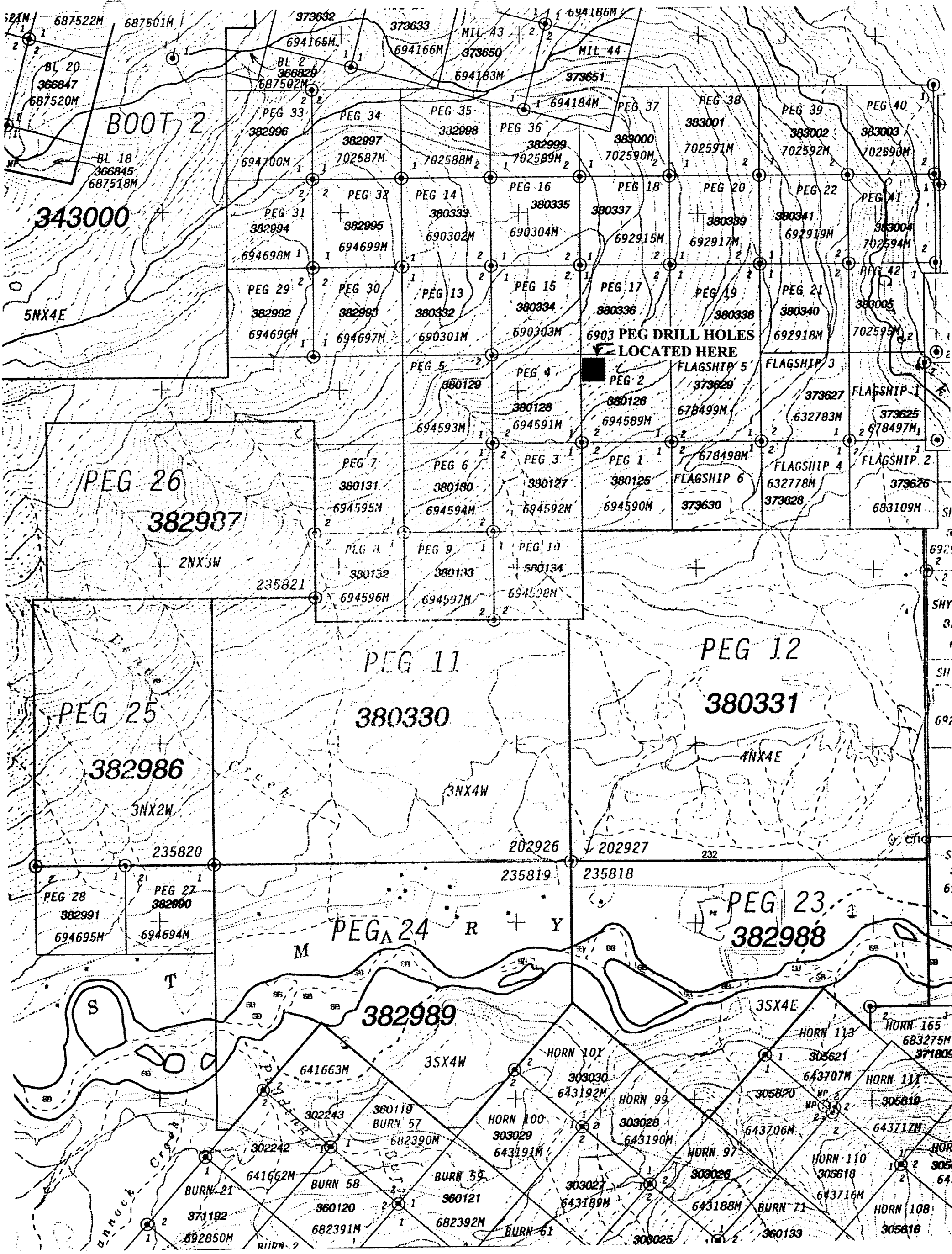
3.10 Introduction

In 2000 early 2001, four diamond drill holes totaling 98.7 metres, were drilled on the Peg property.

Drill holes P01-1 to 4 were drilled within the Peg sector to test the north-eastern continuations of the Matthew Creek granitic stock, where abundant and often large beryl crystals were observed in scattered surface outcrops of greisenized granites.

Drilling was done by LeClerc Diamond Drilling of Cranbrook, B.C. Core was logged by D.L.Pighin, P.Geo. Core is stored at the Vine Property north of Moyie Lake.

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



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PEG PROPERTY

Claim Location Map
&
Drill Hole Location Map
(DDH's P01-1 to 4)

Scale: 1:20,000	Date: Oct/01
Mapsheet 82F.070	FIGURE 2

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Table 1: Diamond Drill Hole Data

Drill Hole	Collar Azimuth	Dip	Elevation (metres)	Start (metres)	End (metres)	Length (metres)	Claim
P01-1	148^0	-46^0	1416	0.8	14.0	14.0	
P01-2		-90^0	1416	0	14.0	14.0	
P01-3		-90^0	1418.5	1.3	32.3	32.3	
P01-4	165^0	-52^0	1413.1	1.1	38.4	38.4	

3.20 Results

Drill Holes P01-1 to 4

These drill holes were targeted to test the Matthew Creek stock on the Peg property. This newly discovered area is located approximately six kilometers west of Kimberley, B.C. and consists of 106 claim units. The drill program tested the Peg 2 beryllium showing for width and grade. The showing is represented by a pegmatoid granite sill containing abundant beryl crystals. The sill has a minimum exposed thickness of 6 metres and can be traced in outcrop for 80 metres.

The drill holes revealed a continuous, gently dipping (10^0 to 30^0) pegmatoid granite body along strike for over 60 metres and downdip for over 42 metres, with the thickness varying from 5 to 21 metres and increasing to the southwest and downdip. The pegmatoid granite body remains open along the strike and downdip.

Significant beryllium intersections include:

Hole No	Interval (m)	Width (m)	BeO (g/t)
P01-1	5.7-11.7	6.0	1133
Incl.	5.7-6.7	1.0	2908
P01-2	8.8-9.8	1.0	2141
P01-4	11.8-15.8	4.0	1086
Incl.	13,8-14.8	1.0	2007

The drill holes have also intersected anomalous tantalum grades. These intersections include:

Hole No	Interval (m)	Width (m)	Ta2O5 (g/t)
P01-1	12.7-14.0	1.3	65
P01-3	22.0-23.0	1.0	96
P01-4	11.8-15.8	4.0	81
Incl.	12.8-13.8	1.0	113
Incl.	36.9-38.4	1.5	89

4.00 SUMMARY AND CONCLUSIONS

The presence of "abundant and often large beryl crystals" and macroscopic similarities with the Hellroaring Creek stock to the south, suggested rare metal mineralization associated with the Matthew Creek stock.

Exploration on the Pakk property (Hellroaring Creek and Lightning (Angus) Creek occurrences) and the Peg property (Matthew Creek stock) has revealed a large rare metal-bearing granite-related magmatic-hydrothermal system that is, in general, similar to world-wide high tonnage, but relatively low grade rare metal (mainly tantalum) deposits. Although no significant rare metal orebodies (with consistent and high economic grades of beryllium and tantalum) have yet been discovered, the results briefly described above may indicate potential to identify a deposit. A number of anomalous beryllium and tantalum intersections support this conclusion.

5.00 ITEMIZED COST STATEMENT

Diamond Drilling Contractor

LeClerc Drilling Ltd., Cranbrook, B.C.		
4 diamond drill holes totalling 98.7 metres		$ 14,320.00

Wages/Geology

David L. Pighin, P.Geo./program layout, core logging		
7 days @ $330/day		2,310.00
Serguei Soloviev, Ph.D./report writing	1.5 days @ $400/day	600.00

Equipment Rental

Pighin's Welding	Water Truck	40.5 hrs @ $65/hr	2,632.50
		6 days rental @ $26/day	156.00

Assay Charges

Acme Analytical Laboratories, Vancouver, B.C.		
64 samples @ $30/sample		1,920.00
Freight		264.85
	TOTAL EXPENDITURES =	**$ 22,203.35**

Signed: S. Soloviev

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

APPENDIX "A"

DIAMOND DRILL HOLE LOGS
Holes P01-01 to 4

DRILL HOLE RECORD **CHAPLEAU RESOURCES LTD.**

PROPERTY: PEG		**HORI COMP:** 9.7 m	**HOLE #: Peg01-1**
LOCATION: Mathew Creek Area		**VERT. COMP:** 10.08 m	**LENGTH: 14.0 m**
COMMENCED: January 24, 2001	**COMPLETED:** January 24, 2001	**CORR. DIP:** -46°	
COORDS: (long)	**(lat)**	**TRUE BEARING:** 148°	**DRILL CONTRACTOR:** Leclerc Diamond
COORDS: (UTM) (E) 565,861.7	**(N)** 5,500,047.5 **(EL)**	**% RECOVERY:**	**CORE SIZE:** HQ
COORDS: (grid) (E)	**(N)** **(EL)**	**LOGGED DATE:** January 2001	**CASING:** 0 – 0.8 m
ELEVATION: 1416 m	**COLLAR: (dip)** -46° **(Azi)** 148°	**LOGGED BY:** D.L. Pighin	**CORE STORAGE:** Vine Property
OBJECTIVE: To test the pegmatite for rare metals			
SURVEYS: (depth)	**Dip:** **Azi:**	**Type:**	**Additional Surveys:** **Depth** **Dip** **Azi**

From To	
0.8-3.7	**LITHOLOGY:** Metasediments, Lower Aldridge
	TEXTURE: phyllitic, thin to very thin bedded, finely parallel laminated
	COLOR: gray banded brown
	COMPOSITION: siltstone, silty argillite
	TECTONIC STRUCTURE: bedding to core at 1.5m = 58°, at 3.7m = 64°
	GENERAL ALTERATION: recrystallized to muscovite phyllite, and muscovite schist, strongly limonitic due to surface weathering
	MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: metasediments strongly limonitic, due to surface weathering

From To	
3.7-13.3	**LITHOLOGY:** Muscovitic, Granite Pegmatite
	TEXTURE: phancritic, very coarsely crystalline, see hole P01-2. Base of sill is marked by 30cm of massive coarse crystalline muscovite.
	COLOR: white with silvery gray and gray mottling
	COMPOSITION: 32% perthite, 36% smoky quartz, 32% muscovite, tiny crystals of apitite are weakly disseminated throughout, rare specks of hyalite. Massive quartz-minor muscovite 10.7-12.0m, quartz zone parted by 30cm of massive muscovite and beryl. Contacts on quartz veins very irregular, approximately 70° to core. Pegmatite contacts top and bottom are parallel to subparallel to bedding in host sediments.
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: Beryl crystals generally large, are generally abundant throughout pegmatite. See sample sheet 1a attached. Note: tiny widely disseminated crystals, metallic black mineral scattered throughout pegmatite. The mineral is very soft.
From To	**LITHOLOGY:** Metasediments
13.3-14.0	**TEXTURE:** thin bedded, fine grained
	COLOR: light gray with dark brown banding
	COMPOSITION: mainly siltstone
	TECTONIC STRUCTURE: bedding – foliation to core at 14.0m = 60°
	GENERAL ALTERATION: intensely muscovitized, with abundant bands of amber zircon? (brown tourmaline?)
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: See attached sample sheet 1a.
14.0	**END OF HOLE**

5-1.25.25

HOLE NO. P01-1

PAGE NO. 1A

METERS	% Felds.	% Qtz.	% Tourm.	% Musc.	Page in Drill Log	Mineralization, Alteration, Lessor Mineral Components.	Sample No.	Drillers	Be	Cs	Nb	Rb	Sn	Ta
0.7 - 3.7		Sabs	—		1	mainly limonitic, Muscovite Pyllite and Muscovite Schist.	080 64		10	22.0	16.5	497.8	41	9.2
3.7 - 4.7	20	40	Nil	40	2	mainly Quartz and Muscovite, rare Beryl Notes. Black min	080 65		144	26.7	46.1	552.5	83	42.3
4.7 - 5.7	50	10	"	40	2	mainly Perthite, Muscovite with abund Beryl. "	080 66		183	16.6	55.7	426	56	34.2
5.7 - 6.7	50	40	"	40	2	mainly Perthite, Muscovite, Scattered Beryl x tls. "	080 67		1046	14.2	29.9	212.3	35	22.4
6.7 - 7.7	20	40	"	40	2	Quartz, Perthite, Muscovite and abund Beryl x Cs. "	080 68		583	15.6	25.3	268.7	37	22.9
7.7 - 8.7	45	45	"	10	2	mainly Perthite and Quartz, Some Scattered Large Beryl x tls "	080 69		63	3.3	4.3	60.3	10	6.5
8.7 - 9.7	60	20	"	20	2	Mainly Perthite & Muscovite with Scattered large x tls of Beryl. "	080 70		396	11.5	15.8	147.2	24	9.5
9.7 - 10.7	45	45	"	10	2	Mainly Perthite & Quartz, with rare Beryl. "	080 71		222	8.0	12.3	115.7	20	6.9
10.7 - 11.7	5	70	"	25	2	70 cm Bull Quartz, 30 cm of Massive Muscovite with 15% Beryl x tls "	080 72		764	8.5	8.7	95.4	16	11.3
11.7 - 12.7	25	50	"	20	2	50 cm Bull Quartz, 50 cm Muscovite Peg. with Scattered Beryl x tls. "	080 73		12	1.8	1.8	21.9	4	2.1
12.7 - 13.3	5	5	"	80	2	Mainly massive Muscovite, abund disc. Metallic Black mineral (Soft) "	080 74		13	25.5	55.0	526.3	93	46.8
13.3 - 14.0	Meta - Sediments				2	Strongly disse to Banded "AmBer" Zircon (Brown Tourmaline?) "	080 75	07	19	2.8	23.5	216.2	36	36.3

5.7 - 11.7 average Be 622 ppm

DRILL HOLE RECORD **CHAPLEAU RESOURCES LTD.**

PROPERTY: PEG		**HORI COMP:**	**HOLE #: PEG01-02**
LOCATION: Mathew Creek Area		**VERT. COMP:** 14.0	**LENGTH: 14.0 m**
COMMENCED: January 24, 2001	**COMPLETED:** January 24, 2001	**CORR. DIP:** -90°	
COORDS: (long)	**(lat)**	**TRUE BEARING:**	**DRILL CONTRACTOR:** Leclerc Diamond
COORDS: (UTM) (E) 565,860.8E	**(N)** 5,500,049.3 **(EL)**	**% RECOVERY:**	**CORE SIZE:** HQ
COORDS: (grid) (E)	**(N)** **(EL)**	**LOGGED DATE:** January 2001	**CASING:** 0.0 m
ELEVATION: 1416 m	**COLLAR: (dip)** -90° **(Azi)**	**LOGGED BY:** D.L. Pighin	**CORE STORAGE:** Vine Property
OBJECTIVE: Test pegmatite sill for rare metals			
SURVEYS: (depth)	**Dip:** **Azi:**	**Type:**	**Additional Surveys:** **Depth** **Dip** **Azi**

From To	
	LITHOLOGY: Metasediments, lower aldridge formation
0-5.8	**TEXTURE:** Thin to very thin bedded, parallel laminated, generally phyllitic
	COLOR: grayish brown
	COMPOSITION: silty argillite
	TECTONIC STRUCTURE: bedding to core at 2.0m = 35°, at 5.8m = 59°
	GENERAL ALTERATION: altered to muscovite schists and phyllites. Abundant small lenses of greenish talc up to 1cm thick occur along planes of foliation, usually associated with intense muscovitization, these talc lenses form "rod like" structure in the plane of bedding
	MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: strongly limonitic (surface weathering?)

From To	
5.8-11.0	**LITHOLOGY:** Muscovitic Pegmatite
	TEXTURE: phaneritic coarse to very coarse crystalline, very coarsely crystalline muscovite in book 10cm thick, near lower contact. Coarsely crystalline feldspar and quartz form matrix to muscovite
	COLOR: white with silvery gray and smoky quartz mottling
	COMPOSITION: in general 43% perthite and albite, 40% smoky quartz, 17% muscovite. Tiny crystals of apitite scattered throughout, abundant large apitite 10.50-11.0m, scattered spots of weakly disseminated hyalite. 7.6-8.9m – quartz vein cuts core at 22°, base of sill is marked by 25cm of massive muscovite.
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: Rare large beryl crystals noted, finely and weakly disseminated black mineral scattered throughout, generally in irregular and rounded grains generally soft. Tiny py crystals are very widely scattered throughout the hole.
From To	**LITHOLOGY:** Metasediments, lower aldridge
11.0-14.0	**TEXTURE:** thin to very thin bedded
	COLOR:
	COMPOSITION: metasiltstone, interbedded meta-argillite
	TECTONIC STRUCTURE: generally phyllitic. Bedding to core at 11.0m = 37°, 13.0m = 54°
	GENERAL ALTERATION: strongly muscovitized, quartz grains, generally recrystallized
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: 13.0-13.5m bedding parallel bands of finely crystalline tourmaline from 1cm to 10cm thick are parallel to bedding or foliation, abundant black submetallic mineral.
14.0	**End of Hole**

48 - 40 - 15

HOLE NO. R01 - 2

METERS	% Felds.	% Qtz	% Tourm.	% Musco.	Page in Drill Log	Mineralization, Alteration, Lessor Mineral Components.
1.2 - 4.8	Subcs				1	Meta sediments
4.8 - 5.8	40	45	NIL	15	2	mainly Quartz - Perthite - Minor Muscovite, Black Mineral (Sulf)
5.8 - 6.8	40	40	NIL	10	2	" " - " - " " " "
6.8 - 7.8	50	35	NIL	15	2	" " - " - " " " "
7.8 - 8.8	5	80	NIL	15	2	70 Cm Smoky Qtz, 30 Cm of Pegmatite, " " "
8.8 - 9.8	75	10	NIL	15	2	mainly Perthite & Muscovite " " " "
9.8 - 11.0	50	30	NIL	20	2	" " " Qtz, Muscovite " " " ; Beryl Xtls.
11.0 - 11.8	Meta	Subcs			3	mainly Muscovitic phyllite & Muscovite schisty dec. Tourm. abund.
11.8 - 12.8	Meta	Subcs			3	" " " "
12.8 - 14.0	Meta	- Subcs			3	" " " " ; Includes, 20 cm Massive Tourm?

7.8 to 9.8 average Be 459 ppm

Sample No.	Width	Be	Cs	Nb	Rb	Sn	Ta
080 76		8	15=	13.9	384.0	22	3.1
080 77		4	9.6	14.7	326.9	31	11.6
080 78		135	17.7	27.1	320.1	53	22.7
080 79		74	12.8	19.5	277.4	36	18.6
080 80		142	7.0	9.1	220.7	15	5.9
080 81		770	9.1	9.8	121.8	18	10.0
080 82		68	14.9	25.9	306.7	46	22.3
080 83		5	10.0	9.6	177.0	19	5.1
080 84		0	6.4	5.4	112.0	9	6.6
080 85		4	6.8	16.6	116.0	21	26.0

DRILL HOLE RECORD **CHAPLEAU RESOURCES LTD.**

PROPERTY: PEG		**HORI COMP:** ---	**HOLE #:** PEG01-03
LOCATION: West of Mathew Creek		**VERT. COMP:** 32.3	**LENGTH:** 32.3 m
COMMENCED: January 25, 2001	**COMPLETED:** January 25, 2001	**CORR. DIP:** -90°	
COORDS: (long)	(lat)	**TRUE BEARING:**	**DRILL CONTRACTOR:** Leclerc Diamond
COORDS: (UTM) (E) 565,839.9E	(N) 5,500,067.2 (EL)	**% RECOVERY:**	**CORE SIZE:** HQ
COORDS: (grid) (E)	(N) (EL)	**LOGGED DATE:** January 2001	**CASING:** 0 – 0.3 m
ELEVATION: 1418.5 m	**COLLAR:** (dip) 90° (Azi)	**LOGGED BY:** D.L. Pighin	**CORE STORAGE:** Vine Property
OBJECTIVE: To test a pegmatite sill for rare metals			
SURVEYS: (depth)	Dip: Azi:	**Type:**	**Additional Surveys:** Depth Dip Azi

From To	
	LITHOLOGY: Metasediments, mainly talcose, muscovite schist
0.3-21.0	**TEXTURE:** finely crystalline, muscovite, minor quartz crystals, white feldspar, overprinted by small greenish talc spheres and large lenses up to 3cm in length.
	COLOR: banded light greenish gray and light green
	COMPOSITION: mainly a finely crystalline muscovite matrix surrounding fine quartz crystals, and feldspar crystals, overprinted by small spheres and larger lenses of greenish talc.
	TECTONIC STRUCTURE: foliation, relic bedding? to core, at 11.0m = 80°, at 18.0m = 60°. Bedding or foliation planes are highly disrupted by small scale asymmetrical folds.
	GENERAL ALTERATION: intensely altered to muscovite, quartz, feldspar and talc.
	MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

From To	
21.0-29.4	**LITHOLOGY:** Muscovitic granite pegmatite
	TEXTURE: phaneritic, very coarsely crystalline, generally pegmatite is miarolitic
	COLOR: light grays and white, mottled by light greenish gray, gray and silvery gray
	COMPOSITION: 60% perthite, minor light greenish white microcline, 22% smoky gray quartz, 18% clear silvery gray and clear greenish muscovite. Apitite very weakly disseminated throughout pegmatite and a white fluorescence mineral widely scattered throughout
	TECTONIC STRUCTURE: 24.0-24.6m – bull quartz vein cuts core at 35°
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: white to slightly greenish white beryl crystals noted from 26.0-27.0m. An Iron block soft mineral is very weakly disseminated in tiny grains through pegmatite. See sample page (2a)
From To	**LITHOLOGY:** Metasediments
29.4-32.3	**TEXTURE:** Finely crystalline, thin bedded to medium bedded
	COLOR: gray with brown banding
	COMPOSITION: quartzite, metasiltstone
	TECTONIC STRUCTURE: at 32.0m bedding to core = 63°
	GENERAL ALTERATION: totally recrystallized, some sections are banded by massive finely crystalline black and transparent light greenish gray tourmaline
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: See sample page 2a. Abundant black submetalic mineral.
32.3	**End of Hole**

HOLE NO. P01-3

PAGE NO. 2H

METERS	% Feldspar	% Quartz	% Tourm.	% Muscovite	Page in Drill Log	Mineralization, Alteration, Lessor Mineral Components.
20.0-21.0					1	Meta Sediments weak diss. Pyrite and a Black Mineral.
21.0-22.0	70	10	NIL	20	2	Pegmatite, Lite greenish Micas & Cons & Perthite,
22.0-23.0	60	30	"	10	2	" "
23.0-24.0	60	30	"	10	2	" "
24.0-25.0	30	60	"	10	2	" " , 60 cm Bull Quartz, mainly Perthite
25.0-26.0	70	10	"	20	2	" " , mainly Perthite & Mica.
26.0-27.0	70	10	"	20	2	" " " " " , Beryl-cts, white Fluor. cts.
27.0-28.0	70	10	"	20	2	" " " " " , —— , " " "
28.0-29.0	60	20	"	20	2	" " " " " ,
29.0-30.4	60	20	"	20	2	" " " " " ,
30.4-30.4	meta	Sedim			3	Meta sediments, thin Veinlets of Black (Crew Rock Mineral)
30.4-31.4	"	"	"		3	" , Bands and lenses of Amber Zircon, rare Tourm.
31.4-32.0	"	"	"		3	" " " " " " " "

NOTE: all % is estimated

Sample No.	Width	Cs	Sn	Nb	Rb	Ta	Be
08086		14.1	30	13.7	2655	1.5	3
08087		17.4	49	28.2	358.8	25.6	184
08088		17.9	48	67.8	324.1	65.0	237
08089		9.3	29	25.0	189.3	24.9	173
08090		4.1	10	6.0	66.0	4.0	27
08091		7.7	13	11.2	127.0	5.7	50
08092		16.3	38	28.5	264.9	15.6	112
08093		7.0	18	8.8	139.0	6.8	22
08094		18.8	41	26.8	299.1	23.6	89
08095		24.3	58	33.8	409.2	34.6	57
08096		8.1	16	8.2	149.0	4.5	6
08097		8.1	11	10.6	122.3	14.5	3
08098		8.6	4	13.3	116.4	26.1	1

NOTE: all assays in P.P.M.

DRILL HOLE RECORD **CHAPLEAU RESOURCES LTD.**

PROPERTY: PEG		**HORI COMP:** 23.6	**HOLE #:** PEG01-4
LOCATION: west of Mathew Creek		**VERT. COMP:** 30.2	**LENGTH:** 38.4 m
COMMENCED: January 26, 2001	**COMPLETED:** January 27, 2001	**CORR. DIP:** -52°	
COORDS: (long)	**(lat)**	**TRUE BEARING:** 165°	**DRILL CONTRACTOR:** Leclerc Drilling
COORDS: (UTM) (E) 565,801.4	**(N)** 5,500,039.9 **(EL)**	**% RECOVERY:**	**CORE SIZE:** HQ
COORDS: (grid) (E)	**(N)** **(EL)**	**LOGGED DATE:** January 2001	**CASING:** 0 – 1.1 m
ELEVATION: 1413.1 m	**COLLAR:** (dip) -52° **(Azi)** 165°	**LOGGED BY:** D.L. Pighin	**CORE STORAGE:** Vine Property
OBJECTIVE: drill test for rare metals			
SURVEYS: (depth)	**Dip:** **Azi:**	**Type:** Sperry Sun	**Additional Surveys:**
			Depth **Dip** **Azi**

From To	
	LITHOLOGY: Metasediments
1.1-8.8	**TEXTURE:** finely crystalline, thin bedded
	COLOR:
	COMPOSITION:
	TECTONIC STRUCTURE: bedding to core at 4.9m = 56°, 7.8m = 45°. Bedding distorted by small scale asymmetrical folds
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

From To	
8.8-33.8	**LITHOLOGY:** Muscovitic granite pegmatite
	TEXTURE: Phaneritic, very coarsely crystalline, feldspar, quartz and muscovite with fine white muscovite deposited along crystal boundaries
	COLOR: light grayish white with white and gray mottling, locally light greenish white patches.
	COMPOSITION: in general 60% perthite, minor microcline, 22% smoky to white quartz, 18% muscovite, finely disseminated widely scattered, tiny apatite crystals throughout, some scattered patches of white fluorescence mineral. 20.1-21.0m massive quite quartz vein cuts core at 62°.
	TECTONIC STRUCTURE: light greenish coarsely crystalline microcline scattered throughout sill approximately 25% of the muscovite is greenish.
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: very weakly disseminated tiny iron black mineral occur throughout pegmatite sill, the mineral is soft and powders readily. Locally abundant beryl crystals noted, isolated beryl crystals noted widely scattered throughout. At 26.2m – rare specks of ZnS and tetrahedrite noted. See sample sheet page 2a.
From To	**LITHOLOGY:** Metasediments
33.8-36.9	**TEXTURE:** fine crystalline quartz with minor medium crystalline muscovite schist
	COLOR: gray with some dark brown banding
	COMPOSITION: thin bedded muscovitic quartzite, minor interbedded muscovite schist
	TECTONIC STRUCTURE: bedding to core at 36.0m = 37°
	GENERAL ALTERATION: intense muscovitization and silicification and 33.8 to 35.5m abundant bands of finely crystalline black and transparent greenish gray tourmaline
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: See sample sheet 2a. May be some graphite associated with graphite and abundant black submetallic mineral.
From To	**LITHOLOGY:** Pegmatite Dyke
36.9-38.4	**TEXTURE:** coarsely crystalline
	COLOR: light gray mottled gray to greenish gray
	COMPOSITION: 10% perthite, 50% smoky quartz, 40% greenish muscovite
	TECTONIC STRUCTURE: dyke cuts core axis at 10°
	MINERALIZATION & ASSOCIATED, HOST STRUCTURE: See sample sheet 2a. Abundant black sulphide? or graphite?
38.4	**End of Hole**

HOLE NO. P01-4

AGE NO(2)H

METERS	% Feld	% Quartz	% Term.	% Muscovite	Page in Drill Log	Mineralization, Alteration, Lessor Mineral Components.	Sample No.	Width	Cs	Sn	Nb	Rb	Ta	Be
7.8-8.8		≤5	ls		1	Mafic Sediments, Very limonitic.	08099		27.4	68	59.4	565.9	26.3	84
8.8-9.8	10	70	NIL	10	2	Pegmatite, white Fluorescence ±tls scattered throughout	08100		9.6	24	13.8	198.6	10.4	80
9.8-10.8	10	70	NIL	10	2	" " " " " "	08101		10.6	25	22.9	188.8	22.8	132
10.8-11.8	50	20	NIL	30	2	" " Mainly Perthite, and fine ±tlns Muscovite	08102		12.2	35	32.0	241.5	33.8	125
11.8-12.8	50	20	NIL	30	2	" " " fine & very Coarse Muscovite	08103		23.9	47	60.6	321.1	54.2	722
12.8-13.8	60	20	NIL	20	2	" " Mainly Lite green Microcline & Coarse muscovite - Some green Mica.	08104		24.1	59	30.5	421.4	76.3	97
13.8-14.8	60	10	NIL	30	2	" " mainly Perthite and Muscovite, some greenish Muscovite, Beryl ±tls.	08105		32.1	85	52.9	519.8	52.2	550
14.8-15.8	60	20	NIL	20	2	" " " " " " " " " " & Beryl ±tls.	08106		17.1	51	47.5	316.0	32.9	102
15.8-16.8	80	5	NIL	15	2	" " Mainly Perthite	08107		23.4	29	19.7	595.2	17.1	54
16.8-17.8	80	5	NIL	15	2	" " mainly Perthite, with Some Lite green Microcline, Coarse Musc.	08108		22.8	45	37.8	538.5	37.0	32
17.8-18.8	80	5	NIL	15	2	" " " " fine muscovite, and very Coarse ±tln. Musc. Some green	08109		27.6	98	90.0	473.9	30.0	9
18.8-19.8	80	5	NIL	15	2	" " " " " " " " " " , add very coarse ±tln. Musc. Some green.	08110		31.8	14	5.1	948.2	7.2	6
19.8-20.8	15	80	NIL	5	2	" 80 cm White Qtz. Beryl ±tls in Quartz.	08111		9.3	4	1.0	237.7	1.6	1
20.8-21.8	80	10	NIL	10	2	" mainly Perthite.	08112		20.6	23	13.9	180.6	16.6	6
21.8-22.8	80	10	NIL	10	2	" " "	08113		2.9	20	18.5	108.2	21.4	39
22.8-23.8	80	10	NIL	10	2	" " "	08114		13.8	18	10.1	358.2	8.1	107
23.8-24.8	80	10	NIL	10	2	" " "	08115		18.6	7	2.5	6593	2.5	47
24.8-25.8	80	10	NIL	10	2	" " "	08116		21.7	19	2.9	645.7	9.5	92
25.8-26.8	60	20	NIL	20	2	" " "	08117		12.6	28	30.8	279.3	31.7	115
26.8-27.8	75	10	NIL	15	2	" " " abund. Coarse Muscovite, Beryl ±tls.	08118		18.0	22	15.9	502.4	21.5	48
27.8-28.8	40	40	NIL	20	2	" " " " " " Beryl ±tls	08119		16.4	38	22.4	240.9	19.2	57
28.8-29.8	60	20	NIL	20	2	" " " " " "	08120		33.4	62	35.6	412.4	28.6	202
29.8-30.8	40	40	NIL	20	2	" " " " " "	08121		12.8	18	22	246.1	8.0	8
30.8-31.8	60	30	NIL	10	2	" Perthite & Lite green Microcline.	08122		17.9	26	15.4	497.6	18.9	111
31.8-32.8	50	10	NIL	40	2	" Mainly Muscovite & greenish Microcline, Beryl ±tls	08123		25.7	61	39.5	392.9	34.0	336
32.8-33.8	70	10	NIL	20	2	" " " & Perthite,	08124		10.6	28	19.4	206.2	8.6	102
33.8-36.8		50	ls	5	3	Metasediments, abund vesicles and Bands up to 1cm thick of Zircon &	08125		7.1	11	8.6	116.7	4.7	4
36.8-36.9		50	ls	5	3	rare Zircons.	08126		7.8	10	9.1	136.5	7.1	2
36.9-38.4	10	50	NIL	40	4	Pegmatite Dykes, Mainly greenish Muscovite & Gray Quartz, with abund Black Sulp.	08127		17.7	57	42.7	343.9	60.1	43
						11.8 - 14.8 average Be 456 ppm								

NOTE: all % is estimated

NOTE: all assays in P.P.M.

APPENDIX "B"

ASSAY RECORDS
Holes P01-01 to 4

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

GEOCHEMICAL ANALYSIS CERTIFICATE

PG01-1to4 Peg Property

Chapleau Resources Ltd. PROJECT PEG File # A100297 Page 1 (a)

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

SAMPLE#	Ba ppm	Be ppm	Co ppm	Cs ppm	Ga ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	Th ppm	Tl ppm	U ppm	V ppm	W ppm	Zr ppm	Y ppm	La ppm	Ce ppm	Pr ppm	Nd ppm	Sm ppm	Eu ppm	Gd ppm	Tb ppm	Dy ppm	Ho ppm	Er ppm	Tm ppm	Yb ppm	Lu ppm
8064	561	10	12.9	22.0	24.0	10.3	16.5	497.8	41	26.8	3.2	12.4	2.8	3.5	87	13	373.2	24.1	40.7	91.0	9.76	38.7	6.6	1.60	5.17	.72	4.63	.90	2.73	.34	2.53	.39
8065	59	144	1.8	26.7	29.2	.5	46.1	552.5	83	5.2	42.3	.6	2.1	.6	10	13	11.2	1.7	2.0	4.1	.45	1.8	.5	.13	.42	.08	.36	<.05	.11	<.05	.09	<.01
8066	37	183	2.4	16.6	25.4	1.1	55.7	420.6	56	15.9	34.2	.9	1.9	4.0	6	11	20.0	2.3	1.9	4.2	.47	2.0	.7	.12	.68	.12	.47	<.05	.09	<.05	.06	<.01
8067	13	1046	1.7	14.2	18.0	.8	29.9	212.3	35	12.7	22.4	.7	1.1	3.2	7	5	12.8	1.8	1.7	3.9	.43	1.8	.6	.10	.60	.11	.41	<.05	.09	<.05	.08	<.01
8068	18	583	1.0	15.6	17.9	1.6	25.3	268.7	37	6.9	22.9	.8	1.4	1.9	<5	12	30.0	1.8	1.6	3.9	.44	1.5	.7	.06	.62	.11	.45	<.05	.09	<.05	.07	<.01
8069	9	63	.9	3.3	7.2	<.5	4.3	60.3	10	11.7	6.5	<.1	.8	1.2	6	3	5.0	1.3	.5	1.4	.17	.6	.2	.09	.21	.04	.23	<.05	.09	<.05	.10	<.01
8070	10	396	.6	11.5	17.5	1.0	15.8	147.2	24	24.0	9.5	.4	1.3	1.4	<5	8	18.4	1.3	1.1	2.3	.26	1.0	.5	.14	.32	.06	.29	<.05	.07	<.05	.08	<.01
8071	8	222	.7	8.0	12.7	.6	12.3	115.7	20	19.2	6.9	.2	2.0	2.0	5	3	10.2	2.2	1.6	3.0	.35	1.2	.5	.17	.46	.09	.38	.06	.18	<.05	.17	.03
8072	8	764	.6	8.5	7.6	<.5	8.7	95.4	16	4.8	11.3	.1	.8	1.1	<5	12	8.8	1.1	.5	1.1	.13	.6	.2	<.05	.21	.03	.19	<.05	.09	<.05	.08	.01
8073	5	13	.8	1.8	3.5	<.5	1.8	21.9	4	6.1	2.1	<.1	1.1	1.4	5	2	5.7	2.2	.6	1.5	.19	.8	.3	.06	.35	.07	.38	.06	.20	<.05	.17	.02
8074	38	13	1.5	25.5	40.3	1.4	55.0	596.3	93	20.8	46.8	.3	1.7	3.6	6	14	21.5	15.5	3.0	8.4	1.12	4.9	1.9	.39	2.37	.51	3.05	.48	1.44	.17	1.06	.14
RE 8074	37	13	1.5	24.7	38.9	1.6	54.4	580.9	92	21.2	44.6	.4	1.9	3.4	6	14	21.1	14.7	3.6	9.6	1.23	5.5	2.1	.42	2.57	.50	2.86	.49	1.38	.15	1.06	.12
RRE 8074	31	17	1.5	24.7	37.4	1.3	55.6	579.5	90	18.5	44.9	.3	1.7	3.2	6	12	20.7	13.8	3.0	8.1	1.02	4.5	1.9	.37	2.15	.46	2.69	.43	1.28	.15	.96	.13
8075	58	19	4.4	9.8	17.0	9.4	23.5	216.2	36	14.5	36.3	7.7	.6	4.1	50	30	352.0	16.5	21.7	47.0	5.03	19.6	3.7	.84	3.00	.44	2.92	.56	1.83	.25	1.75	.30
8076	519	8	11.6	15.5	22.3	8.3	13.9	284.0	29	47.2	3.1	10.3	1.6	4.0	83	4	301.7	26.8	35.3	79.5	8.53	34.2	6.0	1.57	5.06	.73	4.82	.94	3.02	.38	2.69	.41
8077	40	4	1.2	9.6	14.5	<.5	14.7	226.9	31	14.8	14.6	.1	.8	.3	<5	10	4.1	.8	<.5	.9	.10	.5	.1	<.05	.18	.03	.15	<.05	<.05	<.05	<.05	<.01
8078	75	135	3.2	17.7	20.0	.8	27.1	320.1	53	18.6	22.7	.9	1.2	.7	10	6	19.9	2.8	3.2	7.5	.82	3.3	.6	.16	.54	.09	.56	.08	.26	<.05	.21	.02
8079	26	74	.9	12.8	14.8	.7	19.5	237.4	36	13.1	18.6	1.0	.7	.8	<5	11	19.3	2.0	2.0	4.3	.51	1.9	.5	.09	.48	.09	.48	.05	.15	<.05	.11	<.01
8080	15	149	1.4	7.0	9.4	<.5	9.1	120.7	15	14.4	5.9	.1	.5	1.1	5	3	4.5	1.4	<.5	.7	.11	.5	.2	.08	.23	.04	.30	<.05	.11	<.05	.11	<.01
8081	23	770	1.1	9.1	12.6	1.0	9.8	121.8	18	28.9	10.0	.1	.7	2.1	<5	9	15.9	3.3	1.0	2.9	.34	1.4	.7	.17	.65	.12	.64	.09	.27	<.05	.19	.02
8082	53	68	2.7	14.9	23.2	1.7	25.9	306.7	46	36.3	22.3	.5	.9	2.6	8	8	33.0	5.6	4.1	9.3	1.11	4.2	1.3	.34	1.23	.19	1.11	.18	.49	.06	.36	.05
8083	115	5	3.8	10.0	14.0	15.2	9.6	177.0	19	24.9	5.1	9.7	1.0	4.1	50	18	539.1	16.3	26.4	59.5	6.42	26.0	4.7	1.27	3.47	.47	3.06	.60	1.84	.23	1.86	.30
8084	62	<1	5.6	6.4	11.9	11.0	5.4	112.0	9	20.6	.6	6.9	.4	2.5	49	5	415.0	15.3	21.7	50.2	5.40	21.3	4.0	1.08	3.16	.43	2.90	.54	1.70	.24	1.70	.26
8085	73	4	7.8	6.8	21.1	18.1	16.6	116.0	21	62.3	26.0	12.5	.6	4.6	62	16	659.1	24.4	38.4	84.1	9.66	37.9	7.1	1.69	5.15	.68	4.40	.87	2.73	.38	2.72	.44
8086	600	3	14.1	14.1	24.8	9.9	13.7	265.5	30	38.7	1.5	11.3	1.1	3.4	97	10	363.3	25.4	39.6	88.7	10.06	40.4	7.4	1.89	5.37	.75	4.80	.95	2.89	.39	2.65	.40
RE 8086	614	5	14.3	14.2	23.9	10.3	14.0	268.4	31	37.6	1.5	11.7	1.3	3.7	96	10	357.7	25.3	39.5	87.9	10.03	39.6	7.2	1.93	5.38	.77	4.79	.94	2.81	.37	2.72	.40
RRE 8086	653	1	17.0	14.9	24.8	10.3	14.4	278.7	32	41.0	1.6	12.5	1.5	4.2	102	15	381.2	28.9	41.1	91.1	10.34	41.5	7.4	1.93	5.38	.79	5.27	1.07	3.21	.43	3.05	.47
8087	66	184	2.1	17.4	20.4	.5	28.2	358.8	49	32.7	25.6	.3	1.0	6.9	5	5	7.2	3.3	.7	1.7	.19	.9	.4	.18	.31	.06	.45	.09	.42	.06	.44	.06
8088	74	237	5.1	17.9	23.3	1.1	67.8	324.1	48	24.3	65.0	.4	1.0	6.2	9	12	18.2	12.1	1.0	2.4	.28	1.2	.4	.21	.77	.19	1.82	.43	1.89	.32	2.27	.34
8089	41	173	.9	9.3	19.2	1.1	25.0	189.3	29	35.7	24.9	.6	.3	2.7	6	4	15.3	3.2	2.0	4.5	.52	2.2	.7	.21	.58	.09	.49	.09	.31	<.05	.33	.04
8090	15	27	2.7	4.1	7.8	1.0	6.0	66.0	10	16.5	4.0	.2	.1	17.8	<5	9	13.8	1.8	.9	1.9	.21	.8	.3	.06	.27	.05	.32	<.05	.18	<.05	.19	.02
8091	22	50	.7	7.7	17.2	2.7	11.2	127.0	19	39.9	5.7	.4	.3	57.0	<5	3	37.6	2.7	1.4	3.1	.34	1.4	.5	.16	.45	.08	.45	.08	.24	<.05	.24	.02
STANDARD SO-15	2073	1	22.6	3.0	16.9	24.9	30.8	63.1	19	377.4	1.7	23.1	1.6	20.4	144	20	989.2	22.0	27.7	58.2	6.13	24.3	4.4	.97	3.86	.51	3.70	.76	2.41	.33	2.46	.41

PG01-1
PG01-2
PG01-3

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: FEB 1 2001 DATE REPORT MAILED: Feb 16/01 SIGNED BY. C. Toye .....D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

SAMPLE#	Ba ppm	Be ppm	Co ppm	Cs ppm	Ga ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	Th ppm	Tl ppm	U ppm	V ppm	W ppm	Zr ppm	Y ppm	La ppm	Ce ppm	Pr ppm	Nd ppm	Sm ppm	Eu ppm	Gd ppm	Tb ppm	Dy ppm	Ho ppm	Er ppm	Tm ppm	Yb ppm	Lu ppm
8092	29	113	1.1	16.3	23.5	2.6	28.5	264.9	38	52.0	15.6	.7	1.7	59.9	<5	8	34.0	3.6	1.1	2.3	.25	.9	.4	.09	.40	.09	.55	.08	.27	<.05	.30	.04
8093	40	22	1.8	7.0	13.5	1.1	8.8	139.0	18	67.8	6.8	.5	1.4	5.4	<5	3	20.0	2.6	1.1	2.3	.28	1.1	.5	.10	.44	.09	.49	.06	.15	<.05	.18	.01
8094	147	89	1.1	18.8	18.7	1.0	26.8	299.1	41	13.4	29.6	.6	1.8	1.4	7	13	23.9	5.1	2.5	5.7	.65	2.6	.7	.17	.82	.18	.94	.13	.37	<.05	.30	.03
8095	166	57	2.2	24.3	26.9	2.0	33.8	449.2	58	24.3	34.6	.9	2.1	5.5	9	10	26.6	3.9	2.6	5.9	.73	2.8	1.0	.26	.89	.17	.78	.09	.28	<.05	.26	.03
8096	65	6	4.9	8.1	11.9	10.9	8.2	142.0	16	24.4	4.5	7.3	1.7	2.5	42	14	401.5	14.7	21.3	44.2	4.91	18.5	3.3	.87	2.80	.42	2.50	.48	1.48	.22	1.47	.24
8097	81	3	5.7	8.1	10.8	9.3	10.6	122.3	11	23.8	14.5	6.4	1.4	2.0	40	17	362.7	11.7	12.5	25.4	2.78	10.9	1.9	.58	1.82	.29	1.75	.36	1.08	.17	1.15	.19
8098	61	1	6.0	8.6	11.7	10.6	13.3	116.4	14	32.0	26.1	7.1	1.0	2.3	40	15	388.9	13.6	22.5	45.1	4.76	17.9	3.5	.82	2.53	.39	2.35	.45	1.33	.20	1.39	.22
8099	584	84	11.0	27.4	36.0	6.6	59.4	565.9	88	79.2	26.3	13.0	2.9	4.7	110	8	223.6	30.4	42.6	85.2	9.57	35.5	6.8	1.76	5.55	.93	5.51	.98	2.92	.47	2.84	.44
8100	35	80	.7	9.6	9.5	<.5	13.8	148.6	24	15.3	10.4	.3	1.1	.8	<5	9	7.8	1.4	.9	1.5	.16	.6	.1	.08	.20	.05	.25	<.05	.06	<.05	.06	<.01
8101	16	132	.9	10.6	11.2	.6	22.9	148.8	25	12.2	22.8	.4	1.4	1.1	<5	3	9.0	1.6	1.1	2.0	.23	.8	.3	<.05	.29	.06	.27	<.05	.08	<.05	.07	<.01
8102	32	125	1.0	12.2	19.8	1.4	39.0	241.5	35	24.0	33.8	.9	1.3	4.7	5	9	28.2	3.4	2.7	5.4	.61	2.1	.5	.10	.66	.14	.72	.08	.23	<.05	.19	.02
RE 8102	29	111	1.0	11.8	18.1	1.6	34.9	234.9	35	23.0	27.3	.9	1.4	4.7	<5	9	29.6	3.2	2.9	5.8	.67	2.5	.6	.10	.72	.15	.67	.06	.19	<.05	.18	.02
RRE 8102	28	128	1.1	11.1	17.7	1.5	32.4	218.8	33	22.5	24.8	.9	1.4	4.1	5	4	26.1	3.6	2.8	5.4	.61	2.4	.6	.11	.65	.14	.66	.08	.21	<.05	.19	.02
8103	30	722	2.9	23.9	21.4	1.3	60.6	321.1	47	26.9	54.2	.2	1.7	5.5	<5	9	13.3	2.3	.7	1.3	.14	.6	.3	.11	.34	.10	.48	<.05	.08	<.05	.06	<.01
8104	49	97	3.1	24.1	26.2	.8	90.5	421.4	59	22.5	76.3	.3	2.1	11.6	<5	6	8.2	2.3	.8	1.6	.19	.8	.3	.13	.40	.11	.48	<.05	.10	<.05	.07	<.01
8105	65	550	1.7	32.1	29.2	1.1	57.9	519.8	85	27.7	52.2	.8	2.2	10.2	<5	10	18.0	5.9	2.2	4.5	.49	1.8	.6	.19	.83	.25	1.12	.11	.27	<.05	.22	.02
8106	20	193	2.4	17.1	21.7	.9	47.5	316.0	51	22.8	32.9	.3	1.5	8.5	<5	4	8.8	2.9	.9	1.7	.17	.8	.3	.12	.43	.11	.51	<.05	.10	<.05	.07	<.01
8107	53	54	.6	23.4	15.5	.5	19.7	595.2	29	28.4	17.1	.1	3.6	3.5	<5	5	5.3	1.3	<.5	.9	.08	<.4	.1	.11	.16	.04	.22	<.05	<.05	<.05	<.05	<.01
8108	41	32	1.4	22.8	22.2	<.5	37.8	538.5	45	22.5	37.0	.3	2.6	7.8	<5	4	8.3	2.7	.8	1.6	.15	.7	.2	.13	.41	.12	.55	<.05	.10	<.05	.07	<.01
8109	30	9	.9	27.6	19.4	<.5	40.0	493.9	48	16.1	30.0	.1	2.7	8.1	<5	7	2.5	2.8	<.5	.7	.08	<.4	.1	.08	.31	.10	.48	<.05	.10	<.05	<.05	<.01
8110	85	6	.5	31.8	12.1	<.5	5.1	918.2	14	28.3	7.2	<.1	4.8	.8	<5	1	4.6	.2	<.5	<.5	<.02	<.4	<.1	.10	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01
8111	25	1	<.5	9.3	2.9	<.5	1.0	237.7	4	8.7	1.6	<.1	1.8	.2	<5	8	2.2	<.1	<.5	<.5	<.02	<.4	<.1	<.05	<.05	<.01	<.05	<.05	<.05	<.05	<.05	<.01
8112	14	6	.7	9.6	13.2	<.5	13.4	180.6	23	14.0	16.6	<.1	1.3	1.3	<5	3	3.1	.4	<.5	<.5	.03	<.4	<.1	.07	.06	<.01	.09	<.05	<.05	<.05	<.05	<.01
8113	19	39	.5	9.9	13.9	.7	18.5	198.3	20	20.3	21.4	<.1	1.2	6.1	<5	6	5.6	.9	<.5	.5	.05	<.4	<.1	.10	.09	.03	.14	<.05	<.05	<.05	<.05	<.01
8114	35	107	1.0	13.8	13.1	<.5	10.1	358.2	18	26.2	8.1	<.1	1.9	2.8	<5	2	4.1	.8	<.5	.5	.05	<.4	.1	.11	.13	.04	.15	<.05	<.05	<.05	.09	<.01
RE 8114	37	101	.8	14.0	13.3	<.5	10.0	355.7	18	25.7	8.1	<.1	1.9	2.6	<5	2	4.0	.9	<.5	.5	.06	<.4	.1	.11	.13	.02	.15	<.05	<.05	<.05	<.05	<.01
RRE 8114	40	103	.7	15.5	14.2	1.4	11.2	385.5	19	29.7	11.6	<.1	1.6	3.0	<5	5	13.4	.9	<.5	.6	.05	<.4	<.1	.11	.13	.03	.15	<.05	<.05	<.05	<.05	<.01
8115	69	47	.5	18.6	10.6	.6	2.5	659.3	7	36.2	2.5	<.1	2.9	.8	<5	<1	7.0	.7	<.5	<.5	.04	<.4	<.1	.10	.08	.02	.12	<.05	<.05	<.05	<.05	<.01
8116	89	43	.7	21.7	13.4	<.5	9.9	645.7	19	42.4	9.5	<.1	2.6	2.5	<5	5	4.6	.8	<.5	.5	.04	<.4	<.1	.13	.11	.03	.16	<.05	<.05	<.05	<.05	<.01
8117	29	115	.9	12.6	15.7	.7	38.8	273.3	28	24.5	31.7	.1	1.4	6.0	<5	3	7.5	1.5	<.5	.9	.10	<.4	.1	.11	.24	.06	.28	<.05	.07	<.05	<.05	<.01
8118	80	48	<.5	18.0	13.5	<.5	15.4	502.4	22	42.7	21.5	.1	2.1	3.5	<5	6	4.7	.6	<.5	.6	.06	<.4	<.1	.10	.11	.02	.12	<.05	<.05	<.05	<.05	<.01
8119	27	57	.6	16.4	16.5	<.5	22.4	240.9	38	26.1	19.2	.2	1.2	.6	<5	4	3.6	1.5	.7	1.3	.14	.5	.2	.09	.24	.06	.23	<.05	.05	<.05	<.05	<.01
8120	44	299	1.0	33.4	21.0	.9	35.6	412.4	62	17.8	28.6	.8	1.9	5.9	<5	10	15.6	2.2	2.3	4.5	.47	1.8	.5	.08	.54	.11	.44	.05	.15	<.05	.13	.02
STANDARD SO-15	2012	1	21.8	2.9	16.9	27.9	31.4	64.8	19	406.2	1.8	25.1	1.5	21.1	154	20	1080.3	24.2	30.2	59.2	6.44	24.1	4.4	.93	4.02	.66	3.90	.77	2.42	.39	2.54	.41

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

[illegible]ata___ FA___

SAMPLE#	Ba ppm	Be ppm	Co ppm	Cs ppm	Ga ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	Th ppm	Tl ppm	U ppm	V ppm	W ppm	Zr ppm	Y ppm	La ppm	Ce ppm	Pr ppm	Nd ppm	Sm ppm	Eu ppm	Gd ppm	Tb ppm	Dy ppm	Ho ppm	Er ppm	Tm ppm	Yb ppm	Lu ppm
8121	80	8	.6	12.8	12.4	<.5	9.2	346.1	18	57.7	8.0	<.1	1.1	4.0	5	3	5.5	.7	<.5	.5	.04	<.4	.2	.14	.11	.02	.13	<.05	<.05	<.05	<.05	<.01
8122	66	111	.7	17.9	13.1	<.5	15.4	487.6	26	32.0	18.4	<.1	1.4	2.4	5	8	7.6	1.3	<.5	<.5	.03	<.4	<.1	.10	.10	.02	.16	<.05	<.05	<.05	<.05	<.01
8123	40	336	1.2	25.7	22.4	1.5	39.5	392.9	61	19.5	34.0	.8	1.1	9.9	15	9	37.9	2.3	3.3	6.9	.74	2.8	.7	.22	.52	.08	.39	.05	.17	<.05	.16	.02
8124	43	102	2.9	10.6	17.2	4.8	19.4	206.2	28	56.6	8.6	2.3	.6	16.3	9	9	98.2	3.3	4.1	9.1	1.04	3.8	1.4	.25	1.32	.18	.77	.10	.29	<.05	.27	.03
8125	50	4	2.1	7.1	7.9	9.2	8.6	116.7	11	19.5	4.7	4.4	.4	2.0	33	8	399.1	11.7	22.9	45.4	4.78	17.8	3.3	.73	2.36	.33	2.15	.40	1.37	.17	1.31	.20
8126	57	2	3.5	7.8	7.9	12.5	9.1	136.5	10	12.6	7.1	8.8	.7	2.4	34	10	543.6	13.1	24.6	48.5	5.18	19.3	3.5	.72	2.67	.38	2.45	.46	1.58	.20	1.59	.25
8127	72	43	3.2	17.7	21.8	11.7	42.7	343.4	57	20.7	60.1	6.1	.9	9.4	30	8	365.5	8.3	14.1	28.5	3.07	11.4	2.5	.45	2.16	.31	1.74	.27	.88	.11	.89	.14
RE 8127	72	28	2.0	18.9	22.3	12.1	43.5	355.5	56	21.6	58.9	6.3	1.0	10.2	30	8	376.2	8.1	15.4	31.7	3.49	12.9	2.9	.48	2.22	.33	1.78	.25	.86	.11	.87	.13
STANDARD SO-15	2012	2	22.7	2.9	16.4	25.2	28.6	66.6	18	405.5	1.7	25.5	1.1	20.0	149	21	1100.0	22.4	29.7	58.6	5.97	23.2	4.4	.93	3.80	.56	3.89	.75	2.53	.34	2.59	.42

Pluton-4

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

Data FA

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Chapleau Resources Ltd. PROJECT PEG File # A100297 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
8064	3	14	20	34	16	16	.4	<.5	<.5
8065	1	6	19	20	3	<2	<.2	<.5	<.5
8066	3	5	94	102	3	<2	.3	<.5	<.5
8067	1	4	18	61	4	<2	.2	.5	<.5
8068	3	4	18	22	2	<2	<.2	<.5	<.5
8069	2	6	27	16	4	<2	<.2	<.5	<.5
8070	2	3	65	9	1	<2	<.2	<.5	<.5
8071	2	6	60	13	4	<2	<.2	<.5	<.5
8072	4	3	24	10	3	<2	.2	<.5	<.5
8073	2	7	14	13	5	2	<.2	<.5	<.5
8074	1	4	38	12	2	4	.2	<.5	<.5
RE 8074	1	4	38	11	2	4	<.2	<.5	<.5
RRE 8074	1	5	36	12	2	4	.2	<.5	<.5
8075	3	6	54	49	13	86	.2	<.5	<.5
8076	2	9	10	30	25	12	.5	.7	<.5
8077	3	4	18	11	2	<2	<.2	<.5	<.5
8078	1	7	30	27	4	3	<.2	<.5	<.5
8079	4	3	36	14	2	<2	<.2	<.5	<.5
8080	2	8	74	20	5	3	<.2	<.5	<.5
8081	3	4	169	14	1	<2	<.2	<.5	<.5
8082	1	5	108	14	3	59	.2	<.5	<.5
8083	3	2	35	30	10	100	<.2	<.5	<.5
8084	1	3	41	43	13	24	<.2	<.5	<.5
8085	3	2	43	29	8	19	<.2	.8	<.5
8086	2	13	7	33	24	22	.6	.6	<.5
RE 8086	3	13	6	34	25	20	.6	.5	<.5
RRE 8086	2	12	6	33	24	19	.5	.9	<.5
8087	1	5	17	16	3	<2	<.2	<.5	<.5
8088	2	11	25	16	4	8	<.2	<.5	<.5
8089	1	5	16	8	3	<2	<.2	<.5	<.5
8090	3	23	19	16	3	4	<.2	<.5	<.5
8091	1	5	21	14	3	<2	<.2	<.5	<.5
STANDARD C3	28	68	38	171	37	59	26.7	17.2	24.7
STANDARD G-2	1	3	3	42	7	<2	.2	<.5	<.5

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R15D 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: FEB 1 2001 DATE REPORT MAILED: Feb 16/01 SIGNED BY ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

ata FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	As ppm	Cd ppm	Sb ppm	Bi ppm
8092	3	5	23	17	2	3	<.2	<.5	<.5
8093	2	7	420	12	5	17	<.2	<.5	1.6
8094	3	5	149	3	2	9	<.2	<.5	1.0
8095	1	6	312	7	3	15	<.2	<.5	1.5
8096	3	3	71	35	12	16	<.2	.6	<.5
8097	2	8	44	21	11	26	<.2	<.5	<.5
8098	3	5	12	25	10	20	<.2	<.5	<.5
8099	3	26	10	31	26	10	.5	.8	<.5
8100	3	3	7	10	2	<2	<.2	<.5	.5
8101	1	5	21	11	3	<2	<.2	<.5	3.7
8102	2	6	97	25	2	<2	.5	<.5	.7
RE 8102	3	6	97	24	2	<2	.5	<.5	.6
RRE 8102	1	8	91	24	4	<2	.6	<.5	.6
8103	3	26	85	48	3	9	.3	<.5	<.5
8104	1	45	34	65	4	28	.7	.5	<.5
8105	2	7	26	36	1	<2	.4	<.5	<.5
8106	1	8	6	34	4	<2	<.2	<.5	<.5
8107	1	2	12	14	1	<2	<.2	<.5	<.5
8108	1	3	21	35	3	<2	.3	<.5	<.5
8109	2	2	8	16	2	<2	<.2	<.5	<.5
8110	1	2	11	12	2	<2	<.2	<.5	<.5
8111	4	3	7	9	2	<2	<.2	<.5	<.5
8112	1	3	7	15	3	<2	.3	<.5	<.5
8113	2	2	7	33	1	<2	.2	<.5	<.5
8114	1	4	13	20	2	<2	<.2	<.5	<.5
RE 8114	1	4	12	20	2	<2	.2	<.5	<.5
RRE 8114	2	3	11	22	1	<2	.2	<.5	<.5
8115	1	3	11	12	2	<2	.2	<.5	<.5
8116	2	2	13	13	1	<2	.2	.5	<.5
8117	1	8	89	118	3	<2	2.6	.5	<.5
8118	2	2	25	10	1	<2	<.2	<.5	<.5
8119	1	3	11	7	3	<2	<.2	<.5	<.5
8120	3	3	21	17	1	<2	.3	<.5	<.5
STANDARD C3	29	68	40	171	38	61	27.3	14.5	23.9
STANDARD G-2	1	3	3	43	8	<2	<.2	<.5	<.5

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

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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	As ppm	Cd ppm	Sb ppm	Bi ppm
8121	1	7	128	38	3	<2	<.2	<.5	<.5
8122	2	3	40	65	2	<2	.5	<.5	<.5
8123	1	4	52	21	3	7	<.2	<.5	<.5
8124	3	5	115	44	5	36	<.2	.7	<.5
8125	2	6	30	18	5	24	<.2	<.5	<.5
8126	3	2	10	19	7	5	<.2	<.5	<.5
8127	1	5	11	19	6	8	<.2	<.5	<.5
RE 8127	2	5	11	17	6	7	.2	<.5	<.5

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

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