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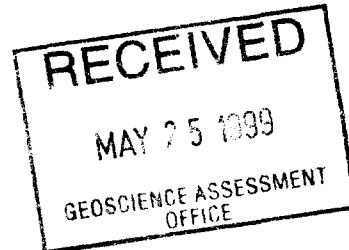
PATERSON LAKE

010

SEPARATION RAPIDS PROJECT  
Snook Lake Claim Block Area

**Geological Mapping, Prospecting and Sampling  
Of Pegmatite Intrusions  
For Rare Metal Potential**

Seymour M. Sears & A.P. Pyslak  
for  
Champion Bear Resources Ltd.



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SEPARATION RAPIDS PROJECT  
Snook Lake Claim Block Area

Geological Mapping, Prospecting and Sampling  
Of Pegmatite Intrusions  
For Rare Metal Potential

INTRODUCTION

The Snook Lake claims are a remnant of a larger land package that was acquired by Champion Bear Resources in the 1989 to 1992 period as part of base metal-gold programs of Helder Lake and Oneman Lake projects. The Extension Grid and Grid "A", completed in 1990, covered approximately 75% of the current claims area. The 1990 geology maps were utilized where possible for lithologic and outcrop location although the forest and soil cover have been greatly altered since the grid mapping was completed. A strong windstorm in 1991 caused extensive blowdown; salvage forest harvesting and subsequent erosion has resulted in the stripping of much of the moss and thin unconsolidated material from the bedrock. Secondary haulage roads and skidder trails provide access to much of the area under discussion.

Control for the geological mapping was obtained from the earlier geology maps, 1995 airphotos and standard hipchain - compass procedures. Mapping emphasis was placed on the intrusive units and sampling focused on the pegmatite-aplite phases of these units. Channel samples were cut on two of the pegmatite-aplite dykes, and systematic chip sampling completed on one other.

A total of 102 select grab samples and 24 channel samples were collected and sent for 32-element geochemical analyses to Chemex Laboratory in Thunder Bay, Ontario.

An attempt was made to locate as many of the old claim posts as possible. The 1992 geology maps were helpful in locating some of the posts that were within the old grid areas. Most of the posts on the south boundary were also located as they lie within an area that has not been completely clearcut.

CLAIMS, LOCATION and ACCESS

The claims are situated along the south side of the English River approximately 70 kilometres north of Kenora, Ontario (Figs 1 & 2). The property consists of 21 contiguous single unit claims located within the Treelined Lake Map Area, Kenora Mining Division and listed as follows:

K 1086124	K 1105581	K 1105590
K 1086125	K 1105582	K 1105591
K 1086125	K 1105583	K 1105592
K 1086129	K 1105586	K 1105593
K 1086130	K 1105587	K 1105594
K 1105579	K 1105588	K 1105595
K 1105580	K 1105589	K 1105596

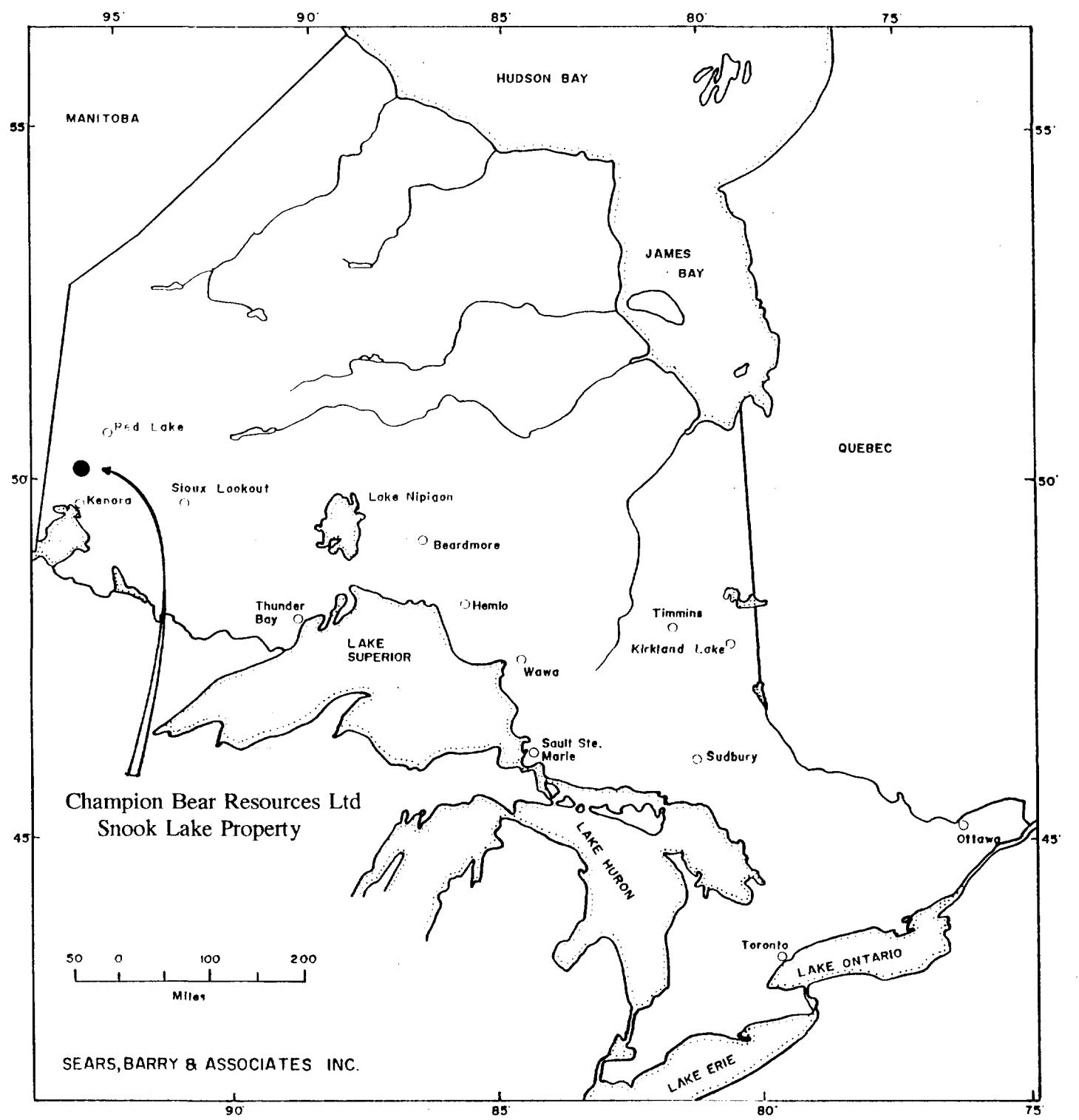


Fig. I: Regional Location Map of Ontario.

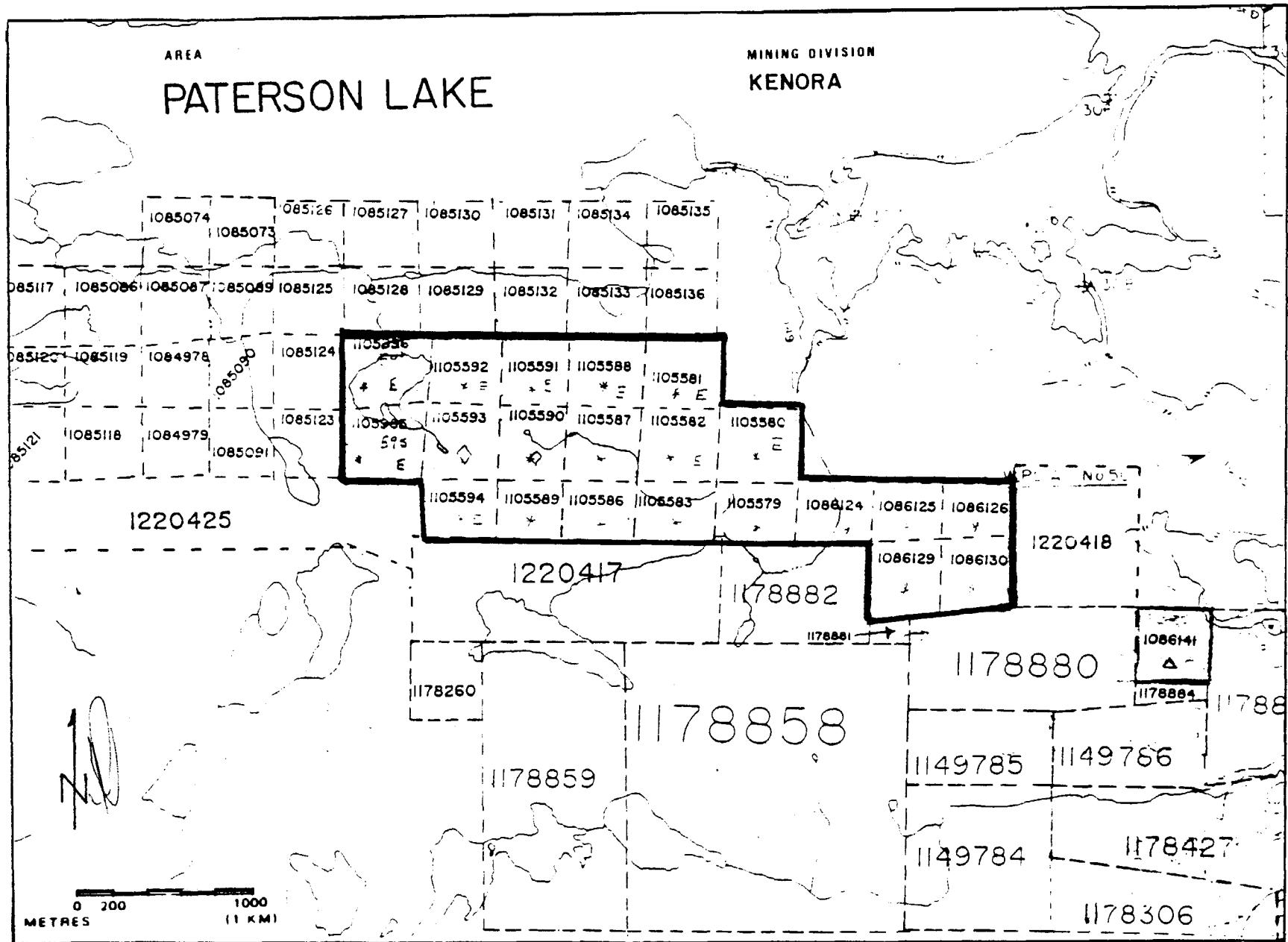


Figure 2: Claim Sketch Showing Location of Champion Bear Resources Ltd. Snook Lake Claim Group, Paterson Lake Map Area, Kenora Mining Division, Ontario.

The main access to the property is via the English River Forestry road which departs from the village of Redditt, about 30 kilometres north of Kenora. At Kilometre 65, one must turn westward on the Sand Lake road and proceed for 15 kilometres to the north trending Snook Lake logging road. The final 18 kilometres along the Snook Lake road is very slow going, but passable with a two wheel drive vehicle. Numerous skidder logging trails provide local access..

## REGIONAL GEOLOGICAL SETTING

The Separation Lake Greenstone Belt Lies at the boundary of the English River and Winnipeg River Subprovinces. The claim block under discussion in this report is situated almost totally within this Greenstone Belt. Granitic rocks lying at the extreme southwest corner of the area belong to the Winnipeg River Sub-province, while the gneissic rocks that occur in the extreme northeast corner of the area belong to the English River Sub-province.

## PROPERTY GEOLOGY

The main focus of this work program was the pegmatite-aplite dykes and their potential for hosting rare metal mineralization. Some of the granitic intrusions were also studied to determine if there was a genetic origin with any of the pegmatite dykes. Contacts with various metavolcanic-metasedimentary units have been taken from earlier geology maps produced by personnel of Champion Bear Resources. Some contacts have been modified to more accurately reflect the Z-style folding that can now be clearly seen from outcrop exposed as a result of logging activity. The increased exposure has resulted in more accurate deliniation of the intrusive rocks within the metavolcanic-metasedimentary suite.

Following are the rock units observed on the Snook Lake property:

### TABLE OF LITHOLOGIES

8. PEGMATITE, APLITE DYKES
  - a. Pink to red pegmatite +/- aplite  
Qtz + K-spar + Bio +/- Alb +/- Gar
  - b. Light pink pegmatite with minor white marginal phases +/- aplite  
Qtz + Alb + K-spar + Bio +/- Musc +/- Gar
  - c. White pegmatite, aplite  
Qtz + Alb +/- K-spar + Musc +/- Bio
7. GRANITE, GRANODIORITE
6. GNEISSIC ROCKS
5. MAFIC, UNTRAMAFIC INTRUSIVE ROCKS
4. CHEMICAL METASEDIMENTS

3. CLASTIC METASEDIMENTS
2. FELSIC METAVOLCANICS
1. MAFIC METAVOLCANICS

A porphyritic granodiorite/feldspar porphyry body intrudes the metavolcanic-metasedimentary sequence and trends in a general northwest-southeast direction. This unit occurs as dykes that are less than one meter in width to a very irregular stock that is over 400 meters in width. The porphyry is generally quite homogenous, with biotite being the dominant mafic mineral. The unit is strongly foliated. Minor pegmatoidal and aplitic phases occur within the porphyry, particularly in marginal zones and where the intrusion reaches a dyke status of less than 20 meters. Garnet is common in the pegmatites, aplites and marginal zones of the feldspar porphyry units.

An attempt was made to differentiate the pegmatites on the basis of albite and K-spar content. This preliminary classification was maintained for the map legend; however in the field the divisions are not always easily defined. Many of the pegmatite-aplite dykes are related to the feldspar porphyry with sections of the dykes showing feldspar porphyry material. Other dykes do not exhibit this relationship in that they are comprised entirely of pegmatite-aplite or they contain a non-porphyritic granite phase.

The white pegmatite-aplite unit (8c) has been used to differentiate a number of narrow dykes that are distinctly earlier than the pink to red varieties described above. These dykes exhibit strong deformation features such as boudinage and folding. They are also intruded by the pink varieties of dykes, particularly in the vicinity of fold structures along axial plane cleavages. These early white pegmatite-aplite dykes are found to the south of the main porphyry intrusion from the east side of the small lake located in the west part of the map area, east-southeast onto claims held by Emerald Fields Resources Ltd. These dykes are likely correlative with the suite of dykes that host the "Big Mack" (Emerald Fields) and "Big Whopper" (Avalon Resources Ltd.) petalite deposits. Within the map area, most dykes are less than one meter in width, but locally they attain widths of four to five meters. They are comprised of quartz + albite + K-spar + biotite + garnet + muscovite. Petalite has not been positively identified in any of the dykes that were mapped. However, light green to yellow-green lithium micas and black oxides were observed. Much of the biotite appears to be related to the late tectonic-metamorphic event as the foliation planes that are defined by it are not folded.

#### RARE METAL MINERALIZATION

Three dykes have been identified as more evolved and having potential for tantalum mineralization. These have been named as the "Wolf Zone", the "Rattler Zone" and the "Glitter Zone". They are described separately in this section.

The Wolf Zone dyke (Figure 3) occurs about 100 meters to the south of the porphyry intrusion (approximately 100 m south of line 88E, of the 1990 grid). This dyke is exposed over

~Legend~

1. grey, biotite granodiorite
2. Qtz + albite + K-spar + bio + tour + gar pegmatite
3. mixed bio-musc phase pegmatite
4. Musc. pegmatite + tour + gar.
5. Biotitic pegmatite
6. aplite + beryl + oxides
7. red granodiorite
8. red, pegmatitic grdi.

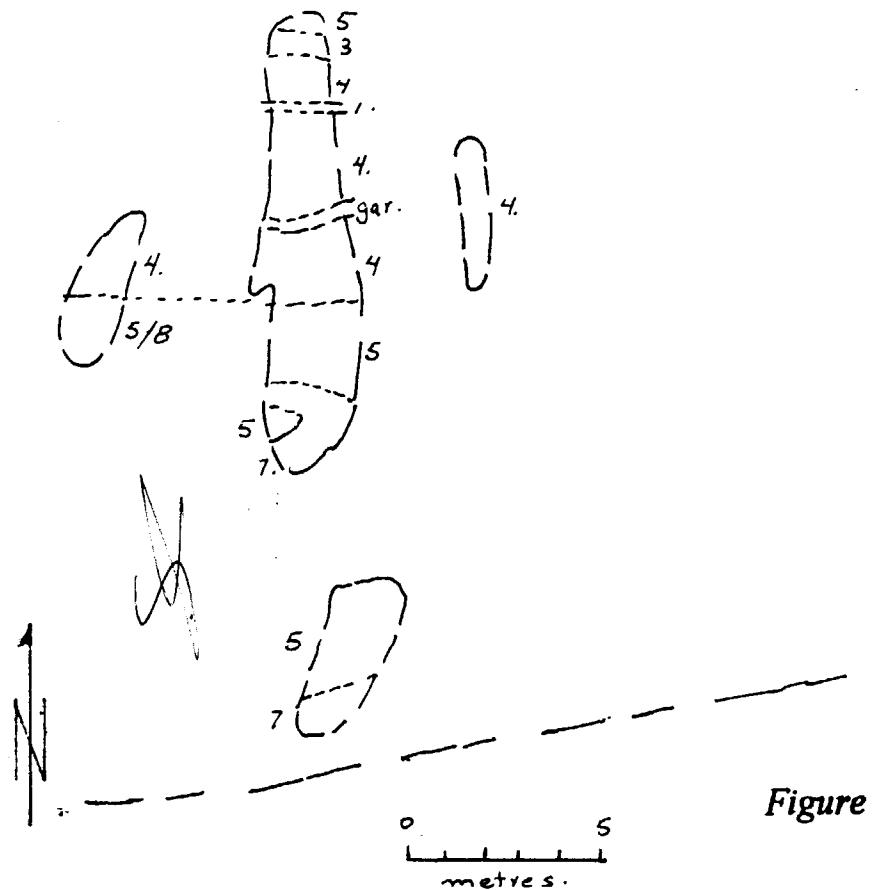
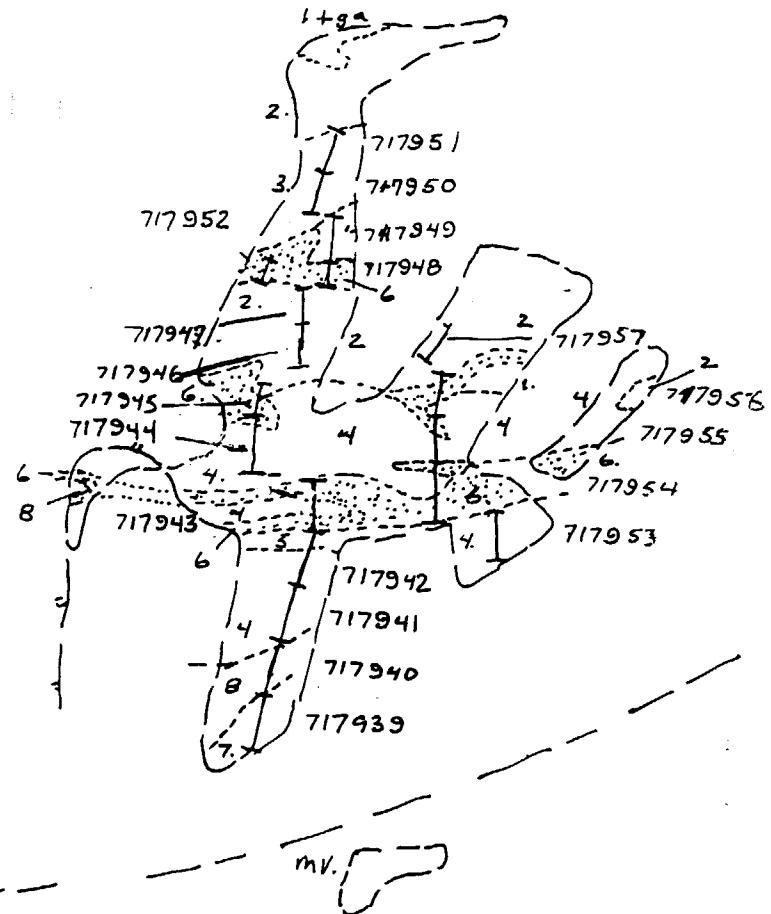


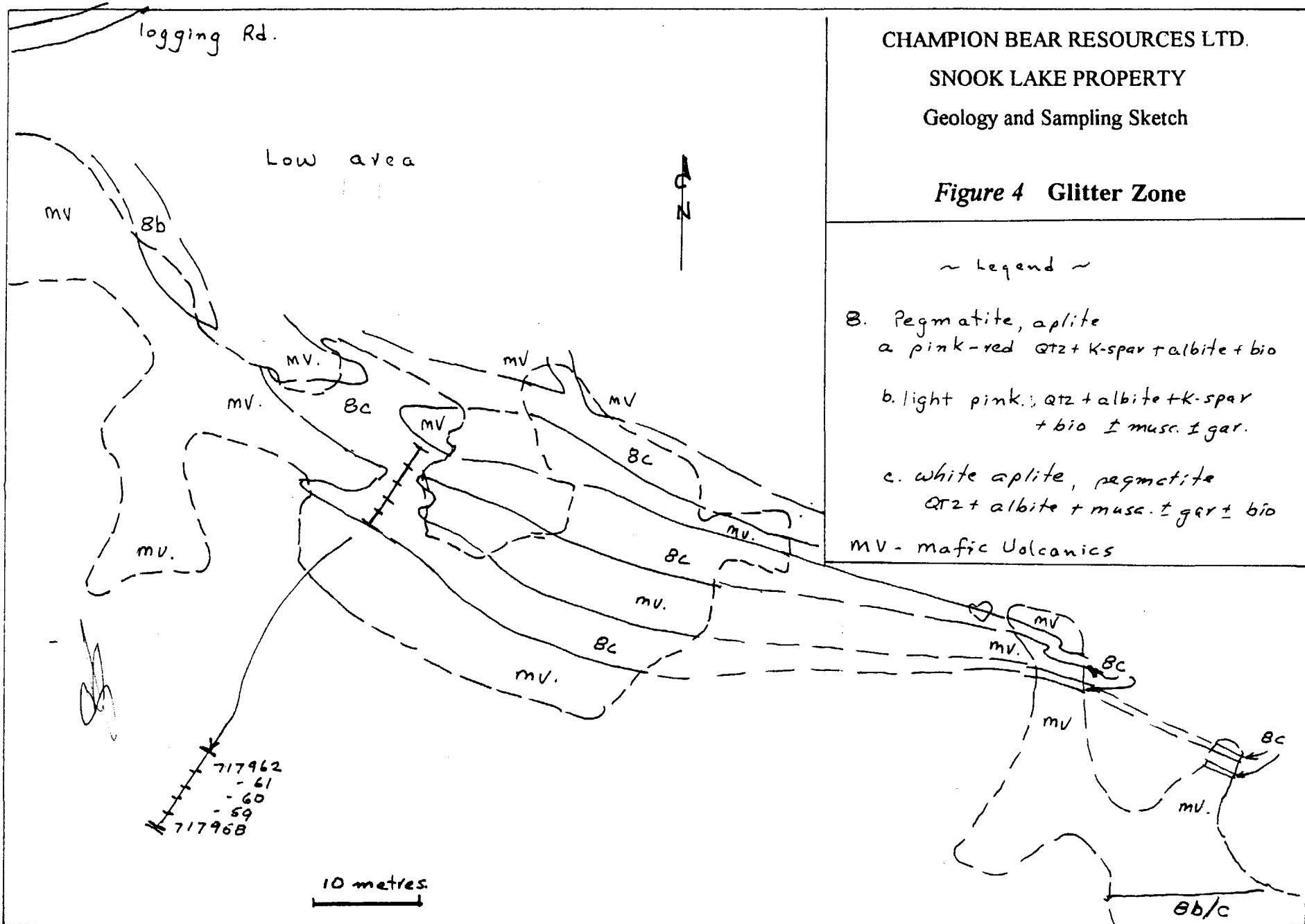
Figure 3 Wolf Zone

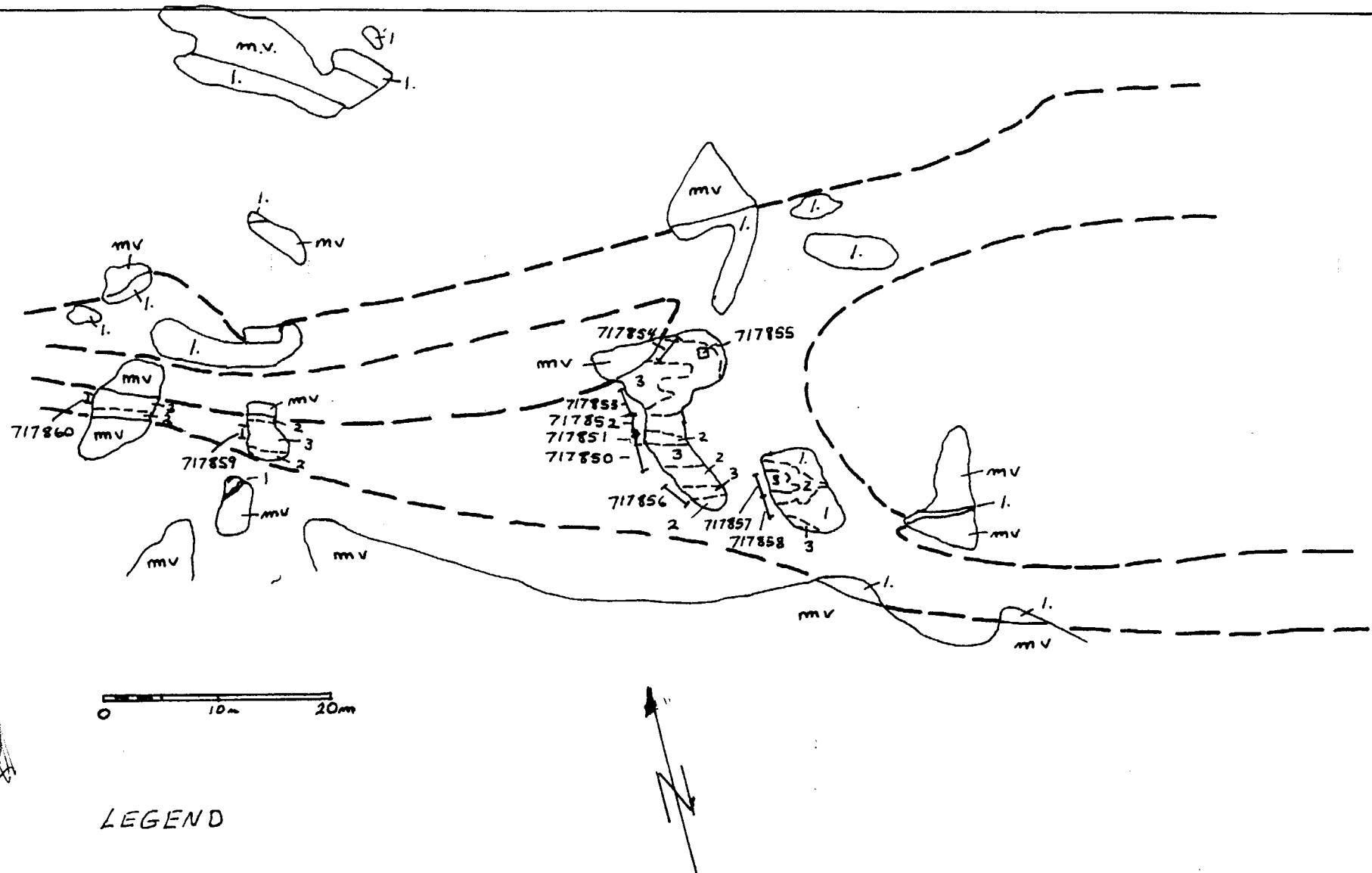


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SNOOK LAKE PROPERTY

Geology and Sampling Sketch





### LEGEND

- 1) Foliated Red Granite + Pegmatite Zones; Local lenses with Biot + garnet + Tourmaline
  - 2) Coarse Pegmatite with Biot + Tourmaline + garnet + muscovite
  - 3) Coarse Pegmatite with Aplitic Phases + Musc + Biot + Tourmaline + green Mica
- mv Mafic Volcanic Rocks

CHAMPION BEAR RESOURCES LTD.  
SNOOK LAKE PROPERTY  
Geology and Sampling Sketch

**Figure 5 Rattler Zone**

a width of 19 meters and a length of 100 meters. The key outcrop has been hand stripped and channel sampled. The marginal phase of the Wolf Dyke consists of a pink to red biotite granodiorite and medium grained pegmatite. The biotite occurs as clotty aggregates, generally with garnet. A seven metre section of the core zone is comprised of a coarse muscovite pegmatite, interbanded with 25 to 35% aplite. The pegmatite phase contains quartz, albite, minor K-spar, black tourmaline and garnet. The aplite phases appear to be made up mainly of albite with minor aquamarine beryl and an unidentified black oxide.

The Rattler Zone occurs to the north of the porphyry, approximately 300 meters south of the 3N base line on line 80E. This dyke has a width of about 20 meters and an exposed strike of nearly 50 meters (Figure 5). The westerly extension is covered by a spruce swamp. Easterly, the dyke splits into two; the northerly section is comprised of the typical pink pegmatoidal unit and the south section comprised mostly of the porphyry phase with minor pegmatite.

Like the Wolf Zone, the core section of the Rattler dyke is comprised of a coarse muscovite pegmatite with moderate garnet, tourmaline and beryl. Aplite forms 10 -15% of this core section that attains a width of six meters. The marginal phase of the dyke is comprised of medium grained albite pegmatite and a clotty biotite-garnet-tourmaline granite.

The Glitter Zone (Figure 4) is associated with the early intrusive event that is described above. It occurs immediately south of line 82E and just off a logging road. The original dyke appears to have been about 3 - 4 meters in width and has been completely folded into a zone measuring 100 X 12 meters.

The dyke is composed mainly of white albite. Garnet, yellow-green to green lithium mica and minor tourmaline are common secondary constituents. Biotite is also common but it is clearly aligned in the foliation planes. There appears to be a minor amount of a black oxide mineral, however field identification is not absolute due to the fine grained nature of the unit and the presence of other black minerals such as tourmaline.

#### CONCLUSIONS AND RECOMMENDATIONS

Many hundreds of Pegmatite dykes have been located on the Snook Lake property. Of these three appear to be of adequate size and favourable mineralogy to host rare metal mineralization. A total of 126 samples were collected during the mapping and sampling program. These samples have been submitted for assay, but results are not available at the time of writing. Recommendations for further work will be made at a later date and submitted as an addendum to this report.

Respectfully submitted,

Seymour M. Sears  
A.P. Prysak

May, 1999

**APPENDIX I**

**Rock Sample Descriptions**

**Champion Bear - Snook Lake Property**  
**Rock Sample Descriptions**

<i>Sample #</i>	<i>Field #</i>	<i>Description</i>
717801	SL-1	Pink, medium grained (mg), layered, garnets, (>5.0 m wide).
717802	SL-2	White, mg, Bio, sparce garnet, qtz, (0.5 m).
717803	SL-3	Pinkish, brown stained, m-cg, garnet (<1.0 m).
717804	SL-4	White to pinkish, fg, garnets, (0.5 m).
717805	SL-5	White, grey feldspar, rare garnet, (0.5 m).
717806	SL-6	Pinkish, m-cg, Bio, qtz, (0.5 m).
717807	SL-7	Pinkish, very cg, Bio (0.5 m).
717808	SL-8	Grey, cg, augen textured, muscovite, (boulder).
717809	SL-9	Grey feldspar from orange-pink, cg pegmatite, (1.5 m).
717810	SL-10	White, brown stained, f-mg, garnets, (0.3 m).
717811	SL-11	Pinkish orange, mg, core of dyke, bio, garnet, (1-2 m).
717812	SL-12	Pinkish, brown stained, mg, bio, garnets (5-10 m).
717813	SL-13	Pinkish, brown stained, mg, bio, garnets, (2-5 m).
717814	SL-14	Pinkish, brown stained, m-cg, garnets, bio, two dykes - (1-3 m).
717815	SL-15	Pinkish grey, m-cg, grey feldspar, (1-4 m).
717616	SL-16	Pinkish orange, cg, coarse biotite, (1-3 m).
717817	SL-17	Pinkish, cg, bio, granitic, (1-10 m).
717818	SL-18	White to faint pinkish, f-mg, garnets, qtz, (1.0 m).
717819	SL-19	Pinkish orange, cg, coarse bio (6.0 m).
717820	SL-20	Pinkish to white, c-fg, tourmaline, garnet, (5.0 m).
717821	SL-21	Pinkish, very cg, bio (5.0 m).
717822	SL-22	Pinkish, cg, bio, garnet, (10.0-15.0 m).
717823	SL-23	Pinkish, f-mg, bio, garnet, (0.5 m).
717824	SL-24	White, fg, bio, muscovite patches, garnet, (4 narrow peg veins, 4-10 cm).
717825	SL-25	White, fg, bio, musc, garnet, (10.0 - 15.0 m).
717826	SL-26	White to pinkish, granitic textured, fg, garnet, bio, (4 dykes, <10 cm).
717827	SL-27	Pinkish, brown stained, f-mg, bio, musc, garnet, (1.0-5.0 m).
717828	SL-28	Grey-white, fg, rare garnet, granitic, rare bio, (1.5 m).
717829	SL-29	Orange, cg, garnet, bio (boulders).
717830	SL-30	White to pinkish, cg, bio, rare garnet, (1.0-3.0 m).
717831	SL-31	Pink, cg, granitic, bio, rare garnet, (25.0 m).
717832	SL-32	Orange stained, muscovite, minor garnet, (1.5 m).
717833	SL-33	Grey white, fg, bio, garnet, granitic texture (3 dyke swarm, 5-15 cm).
717834	SL-34	White, bio, sugary texture, dyke margins, (3.0-5.0 m).
717835	SL-35	Brown stained, muscovite, garnet, feldspar, m-cg (2.0-10.0 m).
717836	SL-36	Pinkish, bio, muscovite, qtz, f-cg, rare garnet, (2.0-5.0 m).
717837	SL-37	Grey, cg, feldspar, offshoot of larger dyke, (<1.0 m).
717838	SL-38	Pinkish, f-cg, weird net texture, garnets, feldspar, bio, muscovite, (1.5 m).
717839	SL-39	White, muscovite, garnet, folded into metaseds, (0.5 m).
717840	SL-40	White to pinkish, mg, f-spar, bio, musc, garnet, (1.0 m of 5 m wide dyke).

717841	SL-41	Pink, fg, granitic texture, f-spar, qtz, bio, (1.0-3.0 m layer of 5 m dyke).
717842	SL-42	Pink, very cg, f-spar, bio, garnet, (1.0-3.0 m margin of 5 m dyke).
717843	SL-43	Brown stained, f-spar, bio, garnet, rare muscovite, (1.0-3.0 m).
717844	SL-44	White to pinkish, cg to aplitic, garnet, musc, beryl, bio, green mica, tourmaline, f-spar, other white and grey minerals, (1.0 - 8.0 m).
717845	SL-45	Pinkish, Aplitic to cg, f-spar, bio, garnet, rare muscovite, (1.0-5.0 m).
717846	SL-46	Pinkish, c-fg, margin of dyke, f-spar, garnet, bio, (5.0 m).
717847	SL-47	Pinkish grey, grey feldspar, bio, garnet, (1.0-2.0 m).
717848	SL-48	White, garnet, petalite, selected grab, (3.0 m).
717849	SL-49	Pink, cg, f-spar, bio, rare garnets (1.0-3.0 m).
717850	SL-50	Pinkish white, cg and aplitic, tourmaline, musc, (chip over 2.0 m).
717851	SL-51	Pinkish white, mg, granitic texture, (chip over 0.5 m).
717852	SL-52	Pinkish white, mg, tourmaline, musc, (chip over 1.5 m).
717853	SL-53	Pinkish white, cg and aplitic, tourmaline, musc, green mica, bio-garnet patches (chip over 2.0 m).
717854	SL-54	Pinkish white, mg, granitic, tourmaline, coarse bio-garnet patches (chip over 2.0 m).
717855	SL-55	Greyish white petalite? Block (0.5 m).
717856	SL-56	Pinkish white, cg and granitic, aplitic, bio, musc, (chip over 2.5 m).
717857	SL-57	Pinkish white, cg and aplitic, bio, tourmaline, musc, (chip over 2.0 m).
717858	SL-58	Pinkish white, coarse granitic, tourmaline, musc, bio, (chip over 2.0 m).
717859	SL-59	Pinkish white, very cg, beryl zone, musc, green mica, (chip over 0.6 m).
717860	SL-60	Pinkish white, very cg, musc, gn mica, beryl, tourmaline, (chip over 0.6 m).
717861	SL-61	Pinkish orange, aplitic core, garnet rich, quartz, (1.0-3.0 m).
717862	SL-62	Pinkish orange, aplitic phase, garnet, quartz, (1.0-3.0 m).
717863	SL-63	Pinkish orange, aplitic to cg, qtz, garnet, musc, oxide, quartz, (1.0-3.0 m).
717864	SL-64	Pinkish grey, white margins, aplitic to cg, garnet, quartz, (Chips from 3.0m).
717901	AP-1	Pinkish, m-cg, bio, folded, (0.5-1.0 m)
717902	AP-2	Grey-white, brown stained, sugary to cg, garnet, (0.5-1.0 m)
717903	AP-3	Pinkish white, sugary, clevelandite, beryl , oxides, musc,
717904	AP-4	Pinkish, mg, bio, granitic, south contact zone, (1.0 m)
717905	AP-5	Pinkish to white, sugary to glassy, quartz, musc, core zone, (0.5-1.0 m)
717906	AP-6	Pinkish, aplitic to cg, musc, garnet, bio, albite, (0.5-1.0 m)
717907	AP-7	Pinkish, mg, granitic, bio, qtz, albite, garnet on margins, (0.5-1.0 m)
717908	AP-8	Pinkish, mg, granitic, bio, qtz, albite, garnet on margins, (0.5-1.0 m)
717909	AP-9	Pinkish to white, mg, garnet, bio, albite, (0.5 x 2.0 m)
717910	AP-10	Grey to white, layered, albitized, bio, metallics?, (1.0 m)
717911	AP-11	Pinkish white, cg to 10% aplitic, qtz, k-spar, bio, garnet, (6.0-8.0 m).
717912	AP-12	Pinkish white, cg, garnet, (1.0-3.0 m).
717913	AP-13	Grey-white, aplitic, yellow brown specks, garnet, musc, (1.0-3.0 m).
717914	AP-14	Grey-white, aplitic, muscovite, (1.0-3.0 m).
717915	AP-15	Grey-white to pinkish, aplitic, musc, (1.0-3.0 m).
717916	AP-16	Pinkish, aplitic to cg, musc, garnet, (1.0-3.0 m).
717917	AP-17	White, very cg, albite, qtz, bio, muscovite, (1.5 m).
717918	AP-18	White to pale pink, aplitic to cg, musc, garnet grey metallic, (1.0-2.5 m).

717919	AP-19	Grey, cg, garnet, tourmaline, qtz, albite, boudinaged, (0.4 m).
717920	AP-20	Pink and grey, aplitic, K-spar, bio, musc, garnets, qtz layers, (1.0-3.0 m).
717921	AP-21	Grey to white, m-cg, qtz, albite, K-spar, tourmaline, garnet, folded (1.0 m).
717922	AP-22	Grey, brown stained, fg, qtz, K-spar, albite, bio, musc, garnet, (2.0-3.0 m).
717923	AP-23	White, aplitic to mg, garnet, (1.0-3.0 m).
717924	AP-24	Light grey, mg, banded granitic, garnet, bio, oxides?, (20 cm).
717925	AP-25	Grey, mg, garnet, bio, albite, petallite, folded, (swarm up to 0.5m).
717926	AP-26	White to pinkish, aplitic to mg granitic, K-spar, albite, qtz, bio, garnet, green mica, metallic, (1.0 m).
717927	AP-27	White to pinkish, aplitic to mg granitic, K-spar, albite, qtz, bio, garnet, green mica, metallic, (1.0 m).
717928	AP-28	Pinkish, qtz, cg to blocky, minor bio and yellow-green mica, (1.0 m).
717929	AP-29	Grey-white, cg core, fg banded margins with bio, garnet, (1.0-1.5 m).
717930	AP-30	Grey to white, aplitic to mg granitic, minor garnet, (1.0 m).
717931	AP-31	White, fg, garnet, qtz, folded, swarm (1.0-40 cm)
717932	AP-32	White to pale pink, m-cg, garnet, albite, bio, swarm (0.2-1.5 m)
717933	AP-33	White to pale pink, mg, garnet, qtz, (1.0-3.0 m).
717934	AP-34	Pinkish, grey, brown stained, m-cg, musc, sericite, folded, (0.2-2.0 m).
717935	AP-35	White with glassy qtz, mg, albite, bio, garnets, (1.0-3.0 m).
717936	AP-36	White to grey, brownish qtz, f- mg, garnet, bio, musc, swarm (0.2-1.5m).
717937	AP-37	Pink, aplitic to mg, sheared, white to yellowish musc, garnet, (1.0 x 3.0 m).
717938	AP-38	Brownish pink, f-cg, banded, musc, garnet, K-spar, qtz, (1.0-3.0 m).
717939	AP-39	Channel Sample #1 - 1.5 m
717940	AP-40	Channel Sample #2 - 1.5 m
717941	AP-41	Channel Sample #3 - 1.5 m
717942	AP-42	Channel Sample #4 - 1.5 m
717943	AP-43	Channel Sample #5 - 1.5 m
717944	AP-44	Channel Sample #6 - 1.5 m
717945	AP-45	Channel Sample #7 - 1.2 m
717946	AP-46	Channel Sample #8 - 1.5 m
717947	AP-47	Channel Sample #9 - 1.0 m
717948	AP-48	Channel Sample #10 - 0.5 m
717949	AP-49	Channel Sample #11 - 1.1 m
717950	AP-50	Channel Sample #12 - 1.7 m
717951	AP-51	Channel Sample #13 - 1.0 m
717952	AP-52	Channel Sample #14 - 1.0 m
717953	AP-53	Channel Sample #15 - 1.4 m
717954	AP-54	Channel Sample #16 - 1.5 m
717955	AP-55	Channel Sample #17 - 1.5 m
717956	AP-56	Channel Sample #18 - 1.0 m
717957	AP-57	Channel Sample #19 - 1.1 m
717958	AP-58	Channel Sample #20 - 1.5 m
717959	AP-59	Channel Sample #21 - 1.5 m
717960	AP-60	Channel Sample #22 - 1.5 m
717961	AP-61	Channel Sample #23 - 1.5 m
717962	AP-62	Channel Sample #24 - 1.8 m

END



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**Addendum to Accompany  
Exploration Report  
(May, 1999)**

**SEPARATION RAPIDS PROJECT  
Snook Lake Claim Block Area**

**Geological Mapping, Prospecting and Sampling  
Of Pegmatite Intrusions  
For Rare Metal Potential**

Seymour M. Sears & A.P. Pryslak  
for  
Champion Bear Resources Ltd

**ANALYTICAL RESULTS**

Sample #'s

717801 - 717864  
717901 - 717962

**2 . 1 9 4 8 9**



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 5175 Timberlea Blvd., Mississauga  
 Ontario, Canada L4W 2S3  
 PHONE: 905-624-2806 FAX: 905-624-6163

To: CHAMPION BEAR RESOURCES LTD.

2005 - 9TH ST. S.W.  
 CALGARY, AB  
 T2T 3C4

A9917576

Comments: ATTN: RICHARD KANTOR CC: SEYMOUR SEARS

## CERTIFICATE

A9917576

(RBD) - CHAMPION BEAR RESOURCES LTD.

Project:  
P.O. #:

Samples submitted to our lab in Thunder Bay, ON.  
 This report was printed on 23-JUN-1999.

## SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
299	32	Pulp; prepped on other workorder
200	32	Whole rock fusion
297	32	Meta-borate fusion charge

## ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
2855	32	Ba ppm: ICP-MS	ICP-MS	0.5	10000
2501	32	Ce ppm: ICP-MS	ICP-MS	0.5	10000
2858	32	Cs ppm: ICP-MS	ICP-MS	0.1	10000
2859	32	Co ppm: ICP-MS	ICP-MS	0.5	10000
2860	32	Cu ppm: ICP-MS	ICP-MS	5	10000
2502	32	Dy ppm: ICP-MS	ICP-MS	0.1	1000
2503	32	Er ppm: ICP-MS	ICP-MS	0.1	1000
2504	32	Eu ppm: ICP-MS	ICP-MS	0.1	1000
2505	32	Gd ppm: ICP-MS	ICP-MS	0.1	1000
2861	32	Ga ppm: ICP-MS	ICP-MS	1	1000
2842	32	Hf ppm: ICP-MS	ICP-MS		10000
2506	32	Ho ppm: ICP-MS	ICP-MS	0.1	1000
2507	32	La ppm: ICP-MS	ICP-MS	0.5	10000
2862	32	Pb ppm: ICP-MS	ICP-MS	5	10000
2508	32	Lu ppm: ICP-MS	ICP-MS	0.1	1000
2509	32	Nd ppm: ICP-MS	ICP-MS	0.5	10000
2863	32	Ni ppm: ICP-MS	ICP-MS	5	10000
2844	32	Nb ppm: ICP-MS	ICP-MS	1	10000
2510	32	Pr ppm: ICP-MS	ICP-MS	0.1	1000
2864	32	Rb ppm: ICP-MS	ICP-MS	0.2	10000
2511	32	Sm ppm: ICP-MS	ICP-MS	0.1	1000
2865	32	Ag ppm: ICP-MS	ICP-MS	1	1000
2867	32	Sr ppm: ICP-MS	ICP-MS	0.1	10000
2868	32	Ta ppm: ICP-MS	ICP-MS	0.5	10000
2512	32	Tb ppm: ICP-MS	ICP-MS	0.1	1000
2869	32	Tl ppm: ICP-MS	ICP-MS	0.5	1000
2550	32	Th ppm: ICP-MS	ICP-MS	1	1000
2513	32	Tm ppm: ICP-MS	ICP-MS	0.1	1000
2870	32	Sr ppm: ICP-MS	ICP-MS	1	10000
2871	32	W ppm: ICP-MS	ICP-MS	1	10000
2549	32	U ppm: ICP-MS	ICP-MS	0.5	1000
2872	32	V ppm: ICP-MS	ICP-MS	5	10000
2514	32	Yb ppm: ICP-MS	ICP-MS	0.1	1000
2873	32	Y ppm: ICP-MS	ICP-MS	0.5	10000
2874	32	Zn ppm: ICP-MS	ICP-MS	5	10000
2875	32	Zr ppm: ICP-MS	ICP-MS	0.5	10000



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Analytical Chemists \* Geochemists \* Registered Assayers  
 5175 Timberlea Blvd., Mississauga  
 Ontario, Canada L4W 2S3  
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To: CHAMPION BEAR RESOURCES LTD.

2005 - 9TH ST. S.W.  
 CALGARY, AB  
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 Account :RBD

Project:  
 Comments: ATTN: RICHARD KANTOR CC: SEYMOUR SEARS

## CERTIFICATE OF ANALYSIS A9917576

SAMPLE	PREP CODE		Ba ppm	Ce ppm	Cs ppm	Co ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ga ppm	Hf ppm	Ho ppm	La ppm	Pb ppm	Lu ppm	Nd ppm	Ni ppm	Nb ppm	Pr ppm
717801	299 200		36.5	12.5	19.5	0.5	20	5.0	4.7	< 0.1	1.8	17	2	1.2	5.5	25	1.4	5.0	15	7	1.4
717802	299 200		16.5	14.0	29.4	0.5	< 5	3.8	2.3	0.1	2.5	22	< 1	0.8	6.5	10	0.4	6.0	15	14	1.8
717803	299 200		39.0	5.5	43.1	< 0.5	5	2.5	1.5	0.1	1.2	18	< 1	0.4	3.0	10	0.3	2.0	< 5	7	0.6
717804	299 200		31.0	5.0	4.3	0.5	< 5	2.6	1.1	< 0.1	0.9	25	< 1	0.4	2.5	5	0.2	2.0	< 5	58	0.8
717805	299 200		35.0	10.0	20.0	1.0	< 5	3.8	1.4	0.1	3.0	31	< 1	0.6	4.0	< 5	0.1	5.5	5	44	1.3
717806	299 200		20.0	4.0	5.1	0.5	< 5	0.7	0.3	0.1	0.5	31	< 1	0.1	2.0	5	< 0.1	1.5	< 5	16	0.4
717807	299 200		28.5	4.5	66.6	11.5	5	1.3	0.6	0.1	1.4	25	< 1	0.1	2.0	< 5	< 0.1	2.0	35	109	0.6
717808	299 200		251	3.0	5.5	1.0	< 5	1.1	0.5	0.1	0.5	25	< 1	0.1	2.0	< 5	0.1	1.0	15	140	0.4
717809	299 200		54.5	6.0	31.9	0.5	5	2.4	1.0	< 0.1	1.3	22	< 1	0.4	3.0	< 5	0.1	2.5	5	22	0.7
717810	299 200		33.5	19.5	6.4	0.5	10	3.3	1.1	0.4	3.0	38	1	0.5	7.5	< 5	0.1	10.0	5	77	2.6
717811	299 200		31.5	12.0	14.5	0.5	< 5	3.8	1.2	0.1	2.5	19	< 1	0.6	5.5	< 5	0.1	5.0	5	26	1.4
717812	299 200		26.0	9.5	9.1	0.5	< 5	3.4	2.2	< 0.1	1.6	21	< 1	0.7	4.0	< 5	0.4	2.5	< 5	30	0.8
717813	299 200		19.5	12.0	6.9	0.5	< 5	4.0	1.7	< 0.1	2.6	24	< 1	0.9	6.0	< 5	0.3	4.5	< 5	35	1.3
717814	299 200		11.5	16.0	10.9	0.5	< 5	4.1	1.6	< 0.1	2.4	24	< 1	0.6	7.0	< 5	0.3	6.5	15	39	1.9
717815	299 200		23.5	3.0	52.2	< 0.5	< 5	0.6	0.3	< 0.1	0.5	21	< 1	< 0.1	2.0	5	< 0.1	0.5	< 5	6	0.3
717816	299 200		43.5	3.0	46.6	1.0	5	0.9	0.4	< 0.1	0.5	23	< 1	0.1	2.0	30	< 0.1	0.5	15	63	0.3
717817	299 200		20.0	5.5	13.8	0.5	< 5	2.1	1.5	< 0.1	1.1	20	< 1	0.5	3.5	5	0.2	2.0	5	15	0.7
717818	299 200		43.0	8.5	17.8	< 0.5	< 5	2.2	1.9	0.1	1.0	19	< 1	0.5	4.0	< 5	0.5	3.5	10	2	0.9
717819	299 200		33.5	44.0	21.5	0.5	20	8.9	4.5	0.1	7.3	24	< 1	1.6	18.5	< 5	0.6	19.0	< 5	24	5.4
717820	299 200		50.5	11.5	96.3	1.5	< 5	7.4	3.1	0.1	3.7	42	1	1.2	5.0	< 5	0.4	6.5	10	32	1.6
717821	299 200		8.5	6.0	219	0.5	< 5	2.7	1.6	< 0.1	1.5	22	< 1	0.5	3.0	< 5	0.2	2.5	< 5	23	0.7
717822	299 200		25.0	6.0	28.2	< 0.5	< 5	2.1	0.8	0.1	1.3	21	< 1	0.3	4.0	< 5	< 0.1	2.0	5	8	0.7
717901	299 200		42.0	18.5	27.0	0.5	15	4.1	2.1	0.1	2.9	26	< 1	0.8	8.5	< 5	0.4	8.0	5	48	2.3
717902	299 200		16.5	14.5	13.3	1.0	< 5	4.8	1.3	< 0.1	4.6	41	2	0.6	5.0	< 5	0.1	7.5	5	107	2.2
717903	299 200		8.0	3.0	41.6	< 0.5	< 5	1.2	0.3	< 0.1	1.0	40	< 1	0.1	1.5	< 5	< 0.1	1.5	< 5	80	0.4
717904	299 200		28.5	16.5	89.5	< 0.5	< 5	4.3	2.5	< 0.1	2.6	21	1	0.8	7.5	< 5	0.5	7.0	< 5	18	2.1
717905	299 200		5.0	5.0	113.5	< 0.5	< 5	1.7	0.5	< 0.1	1.1	28	1	0.2	3.0	< 5	< 0.1	2.0	< 5	46	0.7
717906	299 200		13.0	31.0	214	< 0.5	< 5	15.4	4.2	< 0.1	10.6	39	4	2.0	11.5	30	0.4	15.0	< 5	153	4.4
717907	299 200		42.0	33.0	49.6	0.5	< 5	6.8	5.9	< 0.1	4.2	21	1	1.7	14.5	15	1.7	14.0	5	10	4.2
717908	299 200		44.0	10.0	37.3	< 0.5	< 5	3.7	2.1	< 0.1	1.8	26	3	0.7	4.5	20	0.4	4.5	5	16	1.1
717909	299 200		28.0	9.5	12.6	0.5	< 5	2.8	1.4	0.1	1.8	24	< 1	0.5	5.0	< 5	0.2	4.0	5	9	1.2
717910	299 200		18.5	4.5	6.7	< 0.5	< 5	0.9	0.2	< 0.1	0.9	41	< 1	0.1	2.0	< 5	< 0.1	2.5	5	43	0.6

CERTIFICATION: \_\_\_\_\_



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5175 Timberlea Blvd., Mississauga  
Ontario, Canada L4W 2S3  
PHONE: 905-624-2806 FAX: 905-624-6163

To: CHAMPION BEAR RESOURCES LTD.

2005 - 9TH ST. S.W.  
CALGARY, AB  
T2T 3C4

A9918099

Comments: ATTN: SEYMOUR SEARS FAX: RICHARD KANTOR

## CERTIFICATE

A9918099

(RBD) - CHAMPION BEAR RESOURCES LTD.

Project:  
P.O. #:

Samples submitted to our lab in Thunder Bay, ON.  
This report was printed on 03-JUN-1999.

## ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
27	94	Li ppm: HC104-HNO3-HF digestion	AAS	1	1000
34	94	Be ppm: HC104-HNO3-HF digestion	AAS	0.1	1000

## SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	94	Geochem ring to approx 150 mesh
226	94	0-3 Kg crush and split
3202	94	Rock - save entire reject
232	94	Perchloric-nitric-HF digestion



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 Account : RBD

## CERTIFICATE OF ANALYSIS A9918099

SAMPLE	PREP CODE	Li ppm	Be ppm								
717823	205 226	97	19.4								
717824	205 226	87	63.8								
717825	205 226	>1000	5.4								
717826	205 226	121	17.7								
717827	205 226	26	8.2								
717828	205 226	45	32.5								
717829	205 226	21	4.8								
717830	205 226	39	11.9								
717831	205 226	79	2.2								
717832	205 226	124	91.8								
717833	205 226	42	12.7								
717834	205 226	31	3.5								
717835	205 226	25	13.7								
717836	205 226	27	1.8								
717837	205 226	6	14.3								
717838	205 226	26	3.3								
717839	205 226	26	5.7								
717840	205 226	31	3.2								
717841	205 226	65	2.9								
717842	205 226	70	2.8								
717843	205 226	35	15.4								
717844	205 226	453	9.5								
717845	205 226	56	14.7								
717846	205 226	109	3.0								
717847	205 226	16	19.3								
717848	205 226	54	31.2								
717849	205 226	21	9.6								
717850	205 226	432	4.7								
717851	205 226	81	7.8								
717852	205 226	210	8.2								
717853	205 226	545	6.6								
717854	205 226	82	7.8								
717855	205 226	66	1.4								
717856	205 226	99	8.0								
717857	205 226	58	3.7								
717858	205 226	152	5.4								
717859	205 226	949	97.1								
717860	205 226	560	14.2								
717861	205 226	56	1.6								
717862	205 226	61	3.7								

CERTIFICATION: \_\_\_\_\_ \*



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A9918100

Comments: ATTN: SEYMOUR SEARS FAX: RICHARD KANTOR

## CERTIFICATE

A9918100

(RBD) - CHAMPION BEAR RESOURCES LTD.

Project:  
 P.O. #:

Samples submitted to our lab in Thunder Bay, ON.  
 This report was printed on 22-JUN-1999.

## SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
299	94	Pulp; prepped on other workorder
200	94	Whole rock fusion
297	94	Meta-borate fusion charge

## ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
2855	94	Ba ppm: ICP-MS	ICP-MS	0.5	10000
2501	94	Ce ppm: ICP-MS	ICP-MS	0.5	10000
2858	94	Cs ppm: ICP-MS	ICP-MS	0.1	10000
2859	94	Co ppm: ICP-MS	ICP-MS	0.5	10000
2860	94	Cu ppm: ICP-MS	ICP-MS	5	10000
2502	94	Dy ppm: ICP-MS	ICP-MS	0.1	1000
2503	94	Er ppm: ICP-MS	ICP-MS	0.1	1000
2504	94	Eu ppm: ICP-MS	ICP-MS	0.1	1000
2505	94	Gd ppm: ICP-MS	ICP-MS	0.1	1000
2861	94	Ga ppm: ICP-MS	ICP-MS	1	1000
2842	94	Hf ppm: ICP-MS	ICP-MS	1	10000
2506	94	Ho ppm: ICP-MS	ICP-MS	0.1	1000
2507	94	La ppm: ICP-MS	ICP-MS	0.5	10000
2862	94	Pb ppm: ICP-MS	ICP-MS	5	10000
2508	94	Lu ppm: ICP-MS	ICP-MS	0.1	1000
2509	94	Nd ppm: ICP-MS	ICP-MS	0.5	10000
2863	94	Ni ppm: ICP-MS	ICP-MS	5	10000
2844	94	Nb ppm: ICP-MS	ICP-MS	1	10000
2510	94	Pr ppm: ICP-MS	ICP-MS	0.1	1000
2864	94	Rb ppm: ICP-MS	ICP-MS	0.2	10000
2511	94	Sm ppm: ICP-MS	ICP-MS	0.1	1000
2865	94	Ag ppm: ICP-MS	ICP-MS	1	1000
2867	94	Sr ppm: ICP-MS	ICP-MS	0.1	10000
2868	94	Ta ppm: ICP-MS	ICP-MS	0.5	10000
2512	94	Tb ppm: ICP-MS	ICP-MS	0.1	1000
2869	94	Tl ppm: ICP-MS	ICP-MS	0.5	1000
2550	94	Th ppm: ICP-MS	ICP-MS	1	1000
2513	94	Tm ppm: ICP-MS	ICP-MS	0.1	1000
2870	94	Sn ppm: ICP-MS	ICP-MS	1	10000
2871	94	W ppm: ICP-MS	ICP-MS	1	10000
2549	94	U ppm: ICP-MS	ICP-MS	0.5	1000
2872	94	V ppm: ICP-MS	ICP-MS	5	10000
2514	94	Yb ppm: ICP-MS	ICP-MS	0.1	1000
2873	94	Y ppm: ICP-MS	ICP-MS	0.5	10000
2874	94	Zn ppm: ICP-MS	ICP-MS	5	10000
2875	94	Zr ppm: ICP-MS	ICP-MS	0.5	10000



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## CERTIFICATE OF ANALYSIS A9918100

SAMPLE	PREP CODE	Rb ppm	Sm ppm	Ag ppm	Sr ppm	Ta ppm	Tb ppm	Tl ppm	Th ppm	Tm ppm	Sn ppm	W ppm	U ppm	V ppm	Yb ppm	Y ppm	Zn ppm	Zr ppm
717823	299 200	111.5	3.4	< 1	46.2	19.0	1.0	0.5	10	0.4	5	1	10.0	25	2.4	25.5	20	23.0
717824	299 200	175.0	0.5	< 1	74.0	21.0	0.1	1.0	2	< 0.1	1	< 1	4.0	25	0.4	4.0	40	19.5
717825	299 200	1130	1.2	< 1	6.9	12.5	0.4	6.5	2	0.2	13	< 1	3.0	15	1.5	13.5	160	46.5
717826	299 200	320	1.4	< 1	49.9	22.5	0.4	2.0	3	0.2	18	< 1	3.0	75	1.8	13.5	20	15.0
717827	299 200	125.0	2.5	< 1	30.1	33.0	0.5	0.5	3	0.2	3	3	1.5	45	1.5	16.5	5	22.0
717828	299 200	103.5	1.0	< 1	57.9	35.0	0.3	0.5	2	0.1	2	< 1	3.0	20	0.8	9.5	45	7.5
717829	299 200	84.4	2.0	< 1	54.7	3.0	0.5	< 0.5	6	1.2	< 1	< 1	12.5	15	13.1	29.0	35	25.0
717830	299 200	177.5	2.4	< 1	54.8	8.5	0.6	1.0	4	0.2	6	< 1	4.5	35	1.4	18.0	125	10.0
717831	299 200	682	5.3	< 1	13.3	5.5	1.3	4.5	17	0.8	12	< 1	29.5	10	4.6	47.0	50	18.5
717832	299 200	930	0.8	1	13.8	103.0	0.1	5.0	1	< 0.1	1125	< 1	1.0	35	0.4	4.0	1395	10.5
717833	299 200	140.0	0.9	< 1	99.3	11.5	0.3	0.5	4	0.3	41	< 1	4.5	35	2.1	9.5	90	23.0
717834	299 200	129.0	1.5	< 1	39.1	9.5	0.3	0.5	4	0.4	23	< 1	9.0	20	4.3	14.0	55	82.5
717835	299 200	393	2.4	< 1	16.8	24.0	0.7	1.5	6	0.3	9	1	6.0	10	2.0	21.0	25	9.5
717836	299 200	744	0.9	< 1	6.5	5.0	0.4	3.5	3	0.2	8	< 1	2.5	10	1.7	14.5	20	2.5
717837	299 200	1640	1.0	< 1	7.7	32.5	0.1	5.5	2	< 0.1	6	< 1	1.0	10	0.1	1.5	10	< 0.5
717838	299 200	1165	1.1	< 1	7.4	4.0	0.4	5.5	4	0.1	8	< 1	2.0	10	1.4	15.0	25	3.5
717839	299 200	285	2.2	< 1	44.5	20.5	0.5	1.5	3	0.1	6	< 1	3.5	20	1.1	12.0	50	7.5
717840	299 200	890	0.8	< 1	7.4	3.0	0.4	4.0	4	0.6	6	< 1	4.0	5	4.5	23.0	70	11.5
717841	299 200	492	6.3	< 1	16.8	4.0	1.5	2.5	26	0.8	4	< 1	23.5	10	5.3	51.0	80	84.0
717842	299 200	1115	5.6	< 1	12.5	10.0	1.3	5.5	17	0.4	11	< 1	4.5	5	1.8	35.5	90	15.5
717843	299 200	267	2.9	< 1	15.1	35.0	1.0	1.5	13	0.4	6	1	10.0	5	2.8	33.0	70	24.0
717844	299 200	1665	2.6	< 1	8.5	35.5	0.8	10.5	11	0.4	136	14	4.0	5	2.1	30.0	220	15.5
717845	299 200	251	7.1	< 1	22.7	8.5	2.3	1.5	23	0.8	12	< 1	6.5	5	4.7	79.5	150	7.5
717846	299 200	861	11.7	< 1	8.4	8.0	2.6	4.5	45	0.7	19	< 1	5.0	5	3.9	77.0	75	27.0
717847	299 200	489	2.4	< 1	16.0	15.0	0.5	2.0	10	0.1	7	< 1	10.5	10	0.7	11.0	5	13.0
717848	299 200	674	0.5	< 1	30.6	104.0	< 0.1	3.5	6	< 0.1	47	1	4.5	5	0.3	1.5	5	20.5
717849	299 200	1145	1.6	< 1	6.3	13.5	0.5	5.0	6	0.1	15	< 1	11.5	5	1.4	14.5	10	16.0
717850	299 200	3780	0.3	< 1	1.1	35.5	0.1	28.0	4	< 0.1	110	8	3.0	5	0.2	3.0	100	9.0
717851	299 200	380	0.8	< 1	4.0	11.0	0.2	2.0	3	< 0.1	26	1	3.5	5	0.4	7.0	30	2.0
717852	299 200	888	1.8	< 1	6.7	18.0	0.6	4.5	8	0.2	59	5	8.0	5	1.2	21.0	360	19.5
717853	299 200	2260	2.2	< 1	1.9	99.5	0.3	16.5	8	< 0.1	124	13	3.5	10	0.3	6.0	135	6.0
717854	299 200	219	3.4	< 1	13.8	5.0	1.6	1.5	36	0.7	17	2	9.5	< 5	4.1	67.5	35	52.5
717855	299 200	3250	0.1	< 1	2.4	2.5	< 0.1	25.0	3	< 0.1	13	< 1	0.5	5	< 0.1	2.5	45	< 0.5
717856	299 200	389	2.4	< 1	8.0	21.5	0.8	2.0	15	0.5	28	4	10.0	< 5	3.0	31.0	110	46.5
717857	299 200	696	1.2	< 1	12.5	2.5	0.5	4.0	6	0.2	9	< 1	2.5	< 5	1.2	20.0	35	9.5
717858	299 200	822	5.4	< 1	13.9	11.0	1.8	4.5	24	0.8	22	2	9.0	< 5	4.8	67.5	50	40.0
717859	299 200	1695	1.0	< 1	1.1	69.5	0.1	11.0	10	< 0.1	375	18	2.0	< 5	0.1	4.0	90	7.5
717860	299 200	1975	0.4	< 1	4.6	68.5	< 0.1	14.0	2	< 0.1	157	15	3.0	< 5	< 0.1	2.5	95	2.5
717861	299 200	195.5	1.0	1	6.0	4.0	0.4	1.0	4	1.3	7	< 1	5.5	< 5	15.7	34.0	< 5	194.5
717862	299 200	292	4.3	< 1	50.5	12.0	0.7	1.5	8	0.5	3	< 1	5.5	15	4.1	24.5	15	48.5

CERTIFICATION:



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 5175 Timberlea Blvd., Mississauga  
 Ontario, Canada L4W 2S3  
 PHONE: 905-624-2806 FAX: 905-624-6163

To: CHAMPION BEAR RESOURCES LTD.

2005 - 9TH ST. S.W.  
 CALGARY, AB  
 T2T 3C4

Page Number : 2-A  
 Total Pages : 3  
 Certificate Date: 22-JUN-1999  
 Invoice No.: I9918100  
 P.O. Number :  
 Account : RBD

Project:  
 Comments: ATTN: SEYMOUR SEARS FAX: RICHARD KANTOR

## CERTIFICATE OF ANALYSIS A9918100

SAMPLE	PREP CODE	Ba ppm	Ce ppm	Cs ppm	Co ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ga ppm	Hf ppm	Ho ppm	La ppm	Pb ppm	Lu ppm	Nd ppm	Ni ppm	Nb ppm	Pr ppm
717863	299 200	40.5	7.0	4.3 < 0.5	< 5	2.0	1.3	0.1	1.4	27	2	0.4	2.5	5	0.9	4.0	< 5	98	1.0	
717864	299 200	24.0	11.5	4.7 1.0	< 5	2.4	2.1	< 0.1	1.4	31	4	0.6	5.5	10	1.0	5.5	< 5	13	1.5	
717911	299 200	5.5	6.0	9.7 < 0.5	< 5	2.0	2.1	< 0.1	0.9	20	1	0.5	3.0	25	0.7	2.5	< 5	13	0.7	
717912	299 200	12.0	8.5	11.0 0.5	10	1.1	0.4	0.1	1.0	28	< 1	0.1	4.0	20	< 0.1	3.5	20	12	1.1	
717913	299 200	8.0	0.5	14.4 < 0.5	5	0.7	0.1	< 0.1	0.4	53	4	< 0.1	< 0.5	< 5	< 0.1	0.5	105	68	0.1	
717914	299 200	12.0	5.5	33.3 < 0.5	< 5	1.4	0.5	< 0.1	1.0	27	< 1	0.2	2.0	5	< 0.1	2.5	< 5	33	0.7	
717915	299 200	20.5	2.5	15.1 < 0.5	< 5	0.8	< 0.1	< 0.1	1.1	46	< 1	< 0.1	0.5	< 5	< 0.1	1.5	< 5	71	0.4	
717916	299 200	4.0	10.5	25.7 < 0.5	< 5	3.0	2.6	< 0.1	1.4	30	1	0.7	5.0	15	0.8	4.5	< 5	53	1.4	
717917	299 200	15.5	8.5	26.5 0.5	< 5	3.1	2.2	< 0.1	1.9	26	1	0.6	4.0	20	0.4	4.5	< 5	43	1.2	
717918	299 200	23.0	3.0	2.9 0.5	5	0.6	0.1	0.1	0.6	51	< 1	< 0.1	0.5	< 5	< 0.1	1.5	< 5	24	0.4	
717919	299 200	4.5	8.0	9.8 < 0.5	5	1.7	0.5	< 0.1	1.3	32	< 1	0.2	3.0	< 5	< 0.1	3.5	10	78	1.1	
717920	299 200	17.0	3.5	0.9 1.5	80	1.0	0.8	< 0.1	0.4	33	5	0.2	1.0	< 5	0.3	1.5	50	48	0.4	
717921	299 200	163.0	15.5	8.1 6.0	20	2.8	1.2	0.3	2.1	30	1	0.5	7.5	25	0.1	7.0	15	64	1.9	
717922	299 200	61.0	5.5	4.2 3.0	15	0.9	1.1	0.1	0.3	20	3	0.3	3.5	20	0.4	2.0	5	17	0.6	
717923	299 200	31.5	13.0	13.0 < 0.5	< 5	2.6	1.4	< 0.1	1.9	31	< 1	0.5	5.0	5	0.2	6.0	< 5	49	1.8	
717924	299 200	41.0	4.5	8.5 1.5	15	2.4	0.6	0.1	1.2	37	< 1	0.3	2.5	5	0.1	2.0	< 5	48	0.7	
717925	299 200	22.5	3.5	26.4 < 0.5	15	1.6	0.9	< 0.1	0.6	19	1	0.3	1.5	< 5	0.2	1.5	< 5	9	0.4	
717926	299 200	20.0	6.0	4.8 < 0.5	< 5	1.4	0.5	0.1	0.9	29	< 1	0.2	2.5	5	0.1	3.0	< 5	56	0.8	
717927	299 200	17.5	8.0	8.3 1.5	5	2.5	1.3	0.1	1.6	30	< 1	0.4	3.0	< 5	0.3	4.0	< 5	37	1.0	
717928	299 200	25.5	3.0	2.2 < 0.5	5	1.3	0.5	0.1	1.2	31	< 1	0.1	1.0	< 5	0.1	2.0	< 5	32	0.4	
717929	299 200	18.5	8.0	20.0 3.5	< 5	2.0	0.8	0.1	1.8	45	< 1	0.3	3.0	5	0.1	4.5	5	53	1.2	
717930	299 200	27.0	3.0	8.6 1.5	< 5	0.6	0.3	0.1	0.6	41	< 1	< 0.1	1.5	< 5	< 0.1	1.5	< 5	17	0.4	
717931	299 200	23.0	19.0	28.1 < 0.5	< 5	4.2	2.2	0.2	2.9	32	6	0.7	8.0	15	0.3	8.5	< 5	11	2.4	
717932	299 200	27.5	3.5	47.0 < 0.5	< 5	1.3	0.6	0.1	0.9	25	< 1	0.2	1.5	5	< 0.1	2.0	< 5	5	0.4	
717933	299 200	63.5	5.5	35.2 2.0	10	1.9	1.2	0.1	1.1	34	2	0.4	2.5	20	0.3	2.5	5	14	0.7	
717934	299 200	90.5	3.0	34.5 < 0.5	< 5	0.6	0.4	0.1	0.4	21	< 1	0.1	2.0	30	< 0.1	1.0	< 5	13	0.3	
717935	299 200	57.5	40.5	32.7 < 0.5	< 5	7.3	3.6	0.1	6.4	28	2	1.2	16.5	25	0.5	19.0	< 5	12	5.4	
717936	299 200	24.0	11.5	30.6 < 0.5	< 5	2.5	1.0	< 0.1	2.0	41	< 1	0.4	4.5	5	0.1	5.0	< 5	10	1.5	
717937	299 200	46.5	50.5	4.1 0.5	< 5	7.6	2.8	< 0.1	7.7	32	2	1.1	17.5	10	0.3	26.5	< 5	154	7.4	
717938	299 200	31.5	9.0	5.9 < 0.5	< 5	1.4	0.8	< 0.1	0.7	22	< 1	0.2	5.0	25	0.1	3.0	< 5	15	1.0	
717939	299 200	23.0	18.0	110.5 16.0	< 5	5.2	3.0	< 0.1	3.3	25	1	1.0	8.5	20	0.4	7.5	< 5	26	2.2	
717940	299 200	52.5	10.0	250 3.0	< 5	2.1	1.1	0.1	1.3	21	< 1	0.4	4.5	25	0.1	4.5	< 5	23	1.3	
717941	299 200	5.5	10.5	85.4 10.5	< 5	2.3	0.9	< 0.1	1.6	23	< 1	0.4	5.0	5	0.1	4.5	< 5	23	1.2	
717942	299 200	2.5	10.5	181.0 14.5	< 5	2.4	0.6	< 0.1	2.3	48	1	0.3	4.5	< 5	< 0.1	5.0	< 5	62	1.4	
717943	299 200	7.0	2.5	463 2.5	< 5	0.5	0.1	< 0.1	0.4	30	< 1	< 0.1	1.5	5	< 0.1	1.0	< 5	16	0.3	
717944	299 200	2.5	16.0	263 5.0	< 5	5.5	1.8	< 0.1	3.7	27	1	0.7	6.0	5	0.1	7.5	< 5	65	2.1	
717945	299 200	5.5	16.0	174.0 1.5	< 5	3.9	0.8	< 0.1	3.4	40	5	0.4	5.0	< 5	< 0.1	8.0	< 5	117	2.3	
717946	299 200	6.5	30.5	524 2.0	< 5	6.9	3.3	0.1	4.9	40	4	1.3	12.0	25	0.5	14.5	< 5	69	4.3	
717947	299 200	12.0	31.5	1000 1.5	20	9.5	4.9	< 0.1	4.9	33	4	1.7	14.5	15	0.8	15.0	5	49	4.3	
717948	299 200	4.0	2.0	120.0 1.0	< 5	1.2	0.3	< 0.1	1.0	47	< 1	0.1	0.5	20	< 0.1	0.5	< 5	133	0.3	

CERTIFICATION:



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 5175 Timberlea Blvd., Mississauga  
 Ontario, Canada L4W 2S3  
 PHONE: 905-624-2806 FAX: 905-624-6163

To: CHAMPION BEAR RESOURCES LTD.

2005 - 9TH ST. S.W.  
 CALGARY, AB  
 T2T 3C4

Page Number :3-A  
 Total Pages :3  
 Certificate Date: 22-JUN-1999  
 Invoice No. : I9918100  
 P.O. Number :  
 Account : RBD

Project :

Comments: ATTN: SEYMOUR SEARS FAX: RICHARD KANTOR

## CERTIFICATE OF ANALYSIS

A9918100

SAMPLE	PREP CODE	Ba ppm	Ce ppm	Cs ppm	Co ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ga ppm	Hf ppm	Ho ppm	La ppm	Pb ppm	Lu ppm	Nd ppm	Ni ppm	Nb ppm	Pr ppm
717949	299 200	71.5	51.5	546	3.0	< 5	7.0	3.8	< 0.1	5.5	25	3	1.3	24.5	10	0.5	22.0	< 5	36	6.3
717950	299 200	6.5	17.5	300	15.0	< 5	5.0	1.7	< 0.1	3.9	31	4	0.7	7.0	5	0.1	9.5	5	114	2.4
717951	299 200	4.0	5.5	215	6.0	< 5	1.7	0.6	< 0.1	1.1	23	1	0.3	2.5	< 5	< 0.1	2.0	< 5	15	0.7
717952	299 200	6.5	10.5	359	3.0	< 5	4.5	1.9	< 0.1	2.8	34	4	0.7	4.5	< 5	0.1	5.0	5	56	1.4
717953	299 200	3.0	23.0	144.5	19.0	< 5	6.1	1.6	< 0.1	5.1	44	3	0.8	7.5	< 5	0.1	11.5	5	90	3.3
717954	299 200	2.5	9.0	136.0	5.0	< 5	2.1	0.3	< 0.1	2.7	48	1	0.1	3.0	< 5	< 0.1	5.0	< 5	98	1.2
717955	299 200	4.5	30.0	405	9.0	< 5	7.9	2.0	< 0.1	6.7	50	3	1.1	10.5	< 5	0.1	16.0	< 5	167	4.5
717956	299 200	20.0	3.5	44.1	2.5	< 5	1.3	0.5	< 0.1	0.7	27	< 1	0.1	2.0	5	< 0.1	1.5	< 5	30	0.5
717957	299 200	18.0	7.5	132.5	12.0	< 5	4.9	1.9	< 0.1	2.7	27	2	0.7	3.5	5	0.2	3.0	< 5	54	0.9
717958	299 200	36.0	5.0	17.4	47.5	< 5	1.8	0.5	< 0.1	1.7	42	< 1	0.2	1.5	< 5	< 0.1	2.5	5	98	0.7
717959	299 200	27.5	2.5	16.0	9.0	< 5	0.9	0.2	< 0.1	1.0	37	< 1	0.1	0.5	< 5	< 0.1	1.0	< 5	54	0.3
717960	299 200	29.0	3.5	8.8	4.5	< 5	1.2	0.3	< 0.1	1.0	47	< 1	0.1	1.0	< 5	< 0.1	2.0	5	67	0.5
717961	299 200	33.5	4.0	7.3	9.0	< 5	1.1	0.3	< 0.1	1.1	43	< 1	0.1	1.5	< 5	< 0.1	2.0	< 5	67	0.6
717962	299 200	43.0	1.5	15.0	24.0	< 5	0.5	0.1	< 0.1	0.4	36	< 1	< 0.1	0.5	< 5	< 0.1	1.5	5	52	0.3

CERTIFICATION: 



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

5175 Timberlea Blvd., Mississauga  
Ontario, Canada L4W 2S3  
PHONE: 905-624-2806 FAX: 905-624-6163

To: CHAMPION BEAR RESOURCES LTD.

2005 - 9TH ST. S.W.  
CALGARY, AB  
T2T 3C4

Page Number : 1  
Total Pages : 3  
Certificate Date: 03-JUN-1999  
Invoice No. : 19918099  
P.O. Number :  
Account : RBD

Project:  
Comments: ATTN: SEYMOUR SEARS FAX: RICHARD KANTOR

## CERTIFICATE OF ANALYSIS A9918099

SAMPLE	PREP CODE	Li ppm	Be ppm									
717823	205 226	97	19.4									
717824	205 226	87	63.8									
717825	205 226	>1000	5.4									
717826	205 226	121	17.7									
717827	205 226	26	8.2									
717828	205 226	45	32.5									
717829	205 226	21	4.8									
717830	205 226	39	11.9									
717831	205 226	79	2.2									
717832	205 226	124	91.8									
717833	205 226	42	12.7									
717834	205 226	31	3.5									
717835	205 226	25	13.7									
717836	205 226	27	1.8									
717837	205 226	6	14.3									
717838	205 226	26	3.3									
717839	205 226	26	5.7									
717840	205 226	31	3.2									
717841	205 226	65	2.9									
717842	205 226	70	2.8									
717843	205 226	35	15.4									
717844	205 226	453	9.5									
717845	205 226	56	14.7									
717846	205 226	109	3.0									
717847	205 226	16	19.3									
717848	205 226	54	31.2									
717849	205 226	21	9.6									
717850	205 226	432	4.7									
717851	205 226	81	7.8									
717852	205 226	210	8.2									
717853	205 226	545	6.6									
717854	205 226	82	7.8									
717855	205 226	66	1.4									
717856	205 226	99	8.0									
717857	205 226	58	3.7									
717858	205 226	152	5.4									
717859	205 226	949	97.1									
717860	205 226	560	14.2									
717861	205 226	56	1.6									
717862	205 226	61	3.7									

CERTIFICATION:



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Page Number : 2  
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Project :

Comments: ATTN: SEYMOUR SEARS FAX: RICHARD KANTOR

## CERTIFICATE OF ANALYSIS A9918099

SAMPLE	PREP CODE	Li ppm	Be ppm									
717863	205 226	77	12.5									
717864	205 226	37	3.3									
717911	205 226	96	8.6									
717912	205 226	135	39.6									
717913	205 226	>1000	51.1									
717914	205 226	>1000	22.8									
717915	205 226	>1000	41.2									
717916	205 226	196	26.7									
717917	205 226	68	6.7									
717918	205 226	35	32.2									
717919	205 226	50	8.0									
717920	205 226	10	0.9									
717921	205 226	< 1	29.0									
717922	205 226	46	2.5									
717923	205 226	43	4.6									
717924	205 226	52	8.6									
717925	205 226	46	7.0									
717926	205 226	19	13.4									
717927	205 226	18	15.7									
717928	205 226	26	5.4									
717929	205 226	89	18.4									
717930	205 226	48	23.5									
717931	205 226	35	8.7									
717932	205 226	74	22.3									
717933	205 226	66	18.4									
717934	205 226	28	4.3									
717935	205 226	93	8.6									
717936	205 226	26	10.0									
717937	205 226	15	3.1									
717938	205 226	11	7.9									
717939	205 226	379	7.6									
717940	205 226	620	3.8									
717941	205 226	178	9.2									
717942	205 226	629	5.7									
717943	205 226	290	50.1									
717944	205 226	447	19.1									
717945	205 226	342	5.0									
717946	205 226	762	80.8									
717947	205 226	>1000	7.1									
717948	205 226	171	5.9									

CERTIFICATION: \_\_\_\_\_



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Project :

Comments: ATTN: SEYMOUR SEARS FAX: RICHARD KANTOR

## CERTIFICATE OF ANALYSIS A9918099

SAMPLE	PREP CODE	Li ppm	Be ppm									
717949	205 226	>1000	7.2									
717950	205 226	489	25.0									
717951	205 226	305	12.4									
717952	205 226	499	5.2									
717953	205 226	413	6.3									
717954	205 226	419	4.1									
717955	205 226	838	9.5									
717956	205 226	85	6.4									
717957	205 226	258	7.7									
717958	205 226	>1000	52.2									
717959	205 226	>1000	50.2									
717960	205 226	>1000	44.4									
717961	205 226	>1000	51.9									
717962	205 226	>1000	62.5									

CERTIFICATION:



Ministry of  
Northern Development  
and Mines

# Declaration of Assessment Work Performed on Mining Land

Mining Act, Subsection 65(2) and 66(3), R.S.O. 1990

Transaction Number (office use)

111.9910.00104

Assessment File Research Imaging



Per: 52L07SE2006 2.19489 PATERSON LAKE 900

s 65(2) and 66(3) of the Mining Act. Under section 6 of the Mining Act, this declaration is made by the mining land holder. Questions about this collection may be directed to the Ontario Ministry of Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Instructions: - For work performed on Crown Lands before recording a claim, use form 0240.  
- Please type or print in ink.

## 1. Recorded holder(s) (Attach a list if necessary)

Name	Champion Bear Resources Ltd	Client Number	116945
Address	2005-9th St. S.W. Calgary Alberta T2T 3C4	Telephone Number	(403) 229-9522 / (705) 856-2018
Name		Fax Number	(403) 229-9518 / (705) 856-1147
Address		Client Number	
		Telephone Number	
		Fax Number	

## 2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

- Geotechnical: prospecting, surveys, assays and work under section 18 (regs)       Physical: drilling stripping, trenching and associated assays       Rehabilitation

Work Type

Geology

Date Work Performed	From Day 27 Month 04 Year 99	To Day 20 Month 05 Year 99	Office Use
Global Positioning System Data (If available)		Commodity	1
		Total \$ Value of Work Claimed	18,286.00
		NTS Reference	
		Mining Division	Keweenaw
		Resident Geologist District	

Please remember to:

- obtain a work permit from the Ministry of Natural Resources as required;
- provide proper notice to surface rights holders before starting work;
- complete and attach a Statement of Costs, form 0212;
- provide a map showing contiguous mining lands that are linked for assigning work;
- include two copies of your technical report.

## 3. Person or companies who prepared the technical report (Attach a list if necessary)

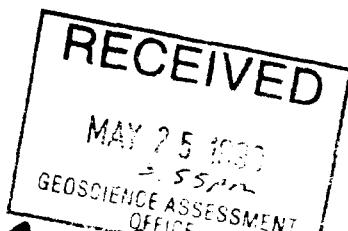
Name	A.P. Prysak / Seymour Sears	Telephone Number	(705) 856-2018
Address	Bx 2058 Wawa Ont. P0S 1K0	Fax Number	(705) 856-1147
Name		Telephone Number	
Address		Fax Number	
Name	RECORDED	Telephone Number	
Address		Fax Number	19789

## 4. Certification by Recorded Holder or Agent

I, Seymour M. Sears, do hereby certify that I have personal knowledge of the facts set forth in

(Print Name)  
this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent	_____ S		
Agent's Address	130x 2058 Wawa St P0S 1K0	Telephone Number	(705) 856-2018
0241 (0387)		Fax Number	(705) 856-1147



END OF AUTOLOGY

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

*Revised Copy*

W.I. 9910.00104

Mining Claim Number, Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date.
09	YB 7027	16 ha	\$28,825	N/A	\$24,000
09	1234567	12	0	\$24,000	0
09	1234568	2	\$ 2,822	\$ 4,000	0
1	K 1086124	1	\$ 590	400	190
2	<del>1086125</del>	<del>encore</del>	<del>590</del>	<del>400</del>	<del>190</del>
3	1086126	1	0	400	0
4	1086129	1	590	400	190
5	1086130	1	590	400	190
6	1105579	1	590	400	190
7	1105580	1	590	800	0
8	1105581	1	590	800	0
9	1105582	1	590	800	0
10	1105583	1	1180	400	780
11	1105586	1	1180	400	780
12	1105587	1	2360	120	354
13	1105588	1	295	800	0
14	1105589	1	1180	400	780
15	1105590	1	2360	400	0
Column Totals		14	\$12,685	6920	2674
					4626

I, Seymour M. Sears, do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/98 for assignment to contiguous claims or for application to the claim where the work was done.

Received May 26/99

Signature of Recorded Holder or Agent Authorized in Writing

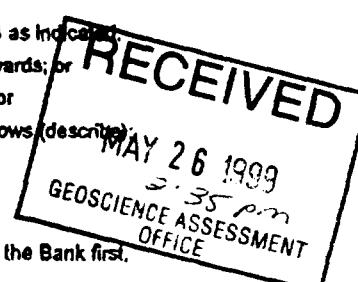
Date May 26/99

*Continued page next*

6. Instructions for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check () in the boxes below to show how you wish to prioritize the deletion of credits:

- 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- 3. Credits are to be cut back equally over all claims listed in this declaration; or
- 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):



Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only

Received Stamp

Deemed Approved Date	Date Notification Sent
Date Approved	Total Value of Credit Approved
Approved for Recording by Mining Recorder (Signature)	

0241 (03/97)

2.19489

MAY 26 '99 14:36

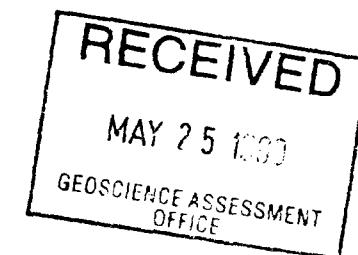
705 856 1147

PAGE. 02

Received Stamp

Deemed Approved Date	Date Notification Sent
Date Approved	Total Value of Credit Approved
Approved for Recording by Mining Recorder (Signature)	

0241 (03/97)



5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

W. 9910-00104

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date
eg TB 7827	16 ha	\$26,825	N/A	\$24,000	\$2,825
eg 1234567	12	0	\$24,000	0	0
eg 1234568	2	\$ 8,892	\$ 4,000	0	\$4,892
1 K 1105591	1	295	800	0	0
2 1105592	1	590	800	0	0
3 1105593	1	2360	362	0	1998
4 1105594	1	1180	800	0	380
5 1105595	1	590	800	0	0
6 1105596	1	586	800	0	0
7					
8					
9					
10					
11					
12					
13					
14	Page Totals	6	\$ 5601	4362	0
15	Grand Column Totals	20	18286	11,282	2674
					7004

RECORDED

MAY 25 1999

I, Seymour M. Sears, do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing

Date

May 24 1999

#### 6. Instructions for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

1. Credits are to be cut back from the Bank first, followed by option 2, 3 or 4 as indicated.

2. Credits are to be cut back starting with the claims listed last, working backwards, or

3. Credits are to be cut back equally over all claims listed in this declaration; or

4. Credits are to be cut back as prioritized on the attached appendix or as follows (described)

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

#### For Office Use Only

Received Stamp

Deemed Approved Date

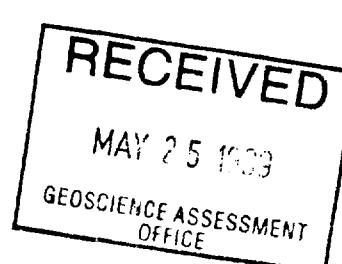
Date Notification Sent

Date Approved

Total Value of Credit Approved

Approved for Recording by Mining Recorder (Signature)

0241 (0397)



**5. Work to be recorded and distributed.** Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.		Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date.
eg	TB 7827	16 ha	\$26, 825	N/A	\$24,000	\$2,825
eg	1234567	12	0	\$24,000	0	0
eg	1234568	2	\$ 8, 892	\$ 4,000	0	\$4,892
1	K 1086129	1	44	φ	φ	44
2	1105582	1	88	φ	φ	88
3	1105583	1	264	φ	φ	264
4	1105586	1	1186	φ	φ	1186
5	1105587	1	44	φ	φ	44
6	1105589	1	703	φ	φ	703
7	1105590	1	835	φ	φ	835
8	1105592	1	176	φ	φ	176
9	1105593	1	1230	φ	φ	1230
10	1105594	1	44	φ	φ	44
11	1105595	1	308	φ	φ	308
12						
13						
14						
15						
Column Totals			\$ 4922	φ	φ	\$ 4922

I, Seymour M. Sears, do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing

Date

Aug 30 /99

(Signature on File)

#### 6. Instructions for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- 3. Credits are to be cut back equally over all claims listed in this declaration; or
- 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

2. 19 4 89

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

#### For Office Use Only

Received Stamp	Deemed Approved Date	Date Notification Sent
	Date Approved	Total Value of Credit Approved
Approved for Recording by Mining Recorder (Signature)		



## **Statement of Costs for Assessment Credit**

**Transaction Number (office use)**

W.9910.00104

Personal information collected on this form is obtained under the authority of subsection 6(1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Work Type	Units of Work	Cost Per Unit of work	Total Cost
Geological Mapping	Depending on the type of work, list the number of hours/days worked, metres of drilling, kilo-metres of grid line, number of samples, etc.	\$ 325.68	\$ 12,050 -
Labour (channel sawing + stripping O/C)	37 Man Days	\$ 175.00	2,275
	13 Man Days		

#### **Associated Costs (e.g. supplies, mobilization and demobilization).**

Miscellaneous Consumable, mats etc) (₹449.68) 449 68

**RECORDED**

MAY 25 1999

#### **Transportation Costs**

(Wawa-Kenora, Reddit camp to site daily)

3583 Km

4 0.30/km

\$ 1075.00

## **Food and Lodging Costs**

Camp Rentl (Reddit) 17 days @ 105.93 (+gst) \$ 1800.75

Groceries . all receipt) 635.85 635.85

### Total Value of Assessment Work

\$ 18,286-

#### **Calculations of Filing Discounts:**

Total Value  
2.19489

1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
  2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

#### TOTAL VALUE OF ASSESSMENT WORK

$\times 0.50 =$

**Total \$ value of worked claimed**

**Note:**

- Note:**

  - Work older than 5 years is not eligible for credit.
  - A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

#### **Certification verifying costs:**

I, Seymour M. Sears  
(please print full name), do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work form as Agent. I am authorized  
(recorded holder, agent, or state company position with signing authority) to make this certification.

Signature	
	Date
	May 24/99



Personal information collected on this form is obtained under the authority of subsection 6(1) of the Assessment Work Regulation 698. Under section 8 of the Mining Act, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Work Type	Units of Work	Cost Per Unit of work	Total Cost
ASSAYING	112 Sample @ \$	\$ 43.95	\$ 4922.40
	Crushing + Pulp 5.20		
	Extended White Rock 31.00		
	Li, Be 7.75		

**Associated Costs (e.g. supplies, mobilization and demobilization).**

### **Transportation Costs**

## **Food and Lodging Costs**

### Total Value of Assessment Work

\$ 4922.00

#### **Calculations of Filing Discounts:**

2.19489

1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
  2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

**TOTAL VALUE OF ASSESSMENT WORK**

**× 0.50 =**

**Total \$ value of worked claimed.**

**Note:**

- Work older than 5 years is not eligible for credit.
  - A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

### **Certification verifying costs:**

- I, Seymour M. Sears, do hereby certify, that the amounts shown are as accurate as may  
(please print full name)  
reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on  
the accompanying Declaration of Work form as Agent (Letter of file) I am authorized  
(recorded holder, agent, or state company position with signing authority)  
to make this certification.

<b>Signature</b>	<b>Date</b>
	Sept 1, 1999

Ministry of  
Northern Development  
and Mines

Ministère du  
Développement du Nord  
et des Mines

September 9, 1999

CHAMPION BEAR RESOURCES LTD.  
2005-9TH STREET, S.W.,  
CALGARY, ALBERTA  
T2T-3C4



Geoscience Assessment Office  
933 Ramsey Lake Road  
6th Floor  
Sudbury, Ontario  
P3E 6B5

Telephone: (888) 415-9846  
Fax: (877) 670-1555

Visit our website at:  
[www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm](http://www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm)

Dear Sir or Madam:

**Submission Number:** 2.19489

**Status**

**Subject: Transaction Number(s):** W9910.00104 Approval

---

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice. Allowable changes to your credit distribution can be made by contacting the Geoscience Assessment Office within this 45 Day period, otherwise assessment credit will be cut back and distributed as outlined in Section #6 of the Declaration of Assessment work form.

Please note any revisions must be submitted in DUPLICATE to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact Steve Beneteau by e-mail at [steve.beneteau@ndm.gov.on.ca](mailto:steve.beneteau@ndm.gov.on.ca) or by telephone at (705) 670-5855.

Yours sincerely,

A handwritten signature in black ink, appearing to read "Blair Kite".

ORIGINAL SIGNED BY  
Blair Kite  
Supervisor, Geoscience Assessment Office  
Mining Lands Section

# Work Report Assessment Results

**Submission Number:** 2.19489

**Date Correspondence Sent:** September 09, 1999

**Assessor:** Steve Beneteau

<b>Transaction Number</b>	<b>First Claim Number</b>	<b>Township(s) / Area(s)</b>	<b>Status</b>	<b>Approval Date</b>
W9910.00104	1086124	PATERSON LAKE	Approval	August 23, 1999

**Section:**

12 Geological GEOL

Assessment credit has been approved as outlined on the attached Distribution of Assessment Credit form.

**Correspondence to:**

Resident Geologist  
Kenora, ON

**Recorded Holder(s) and/or Agent(s):**

Seymour Sears  
WAWA, ON

Assessment Files Library  
Sudbury, ON

CHAMPION BEAR RESOURCES LTD.  
CALGARY, ALBERTA

# Distribution of Assessment Work Credit

The following credit distribution reflects the value of assessment work performed on the mining land(s).

Date: September 09, 1999

Submission Number: 2.19489

---

Transaction Number: W9910.00104

<u>Claim Number</u>	<u>Value Of Work Performed</u>
1086124	590.00
1086126	0.00
1086129	634.00
1086130	590.00
1105579	590.00
1105580	590.00
1105581	590.00
1105582	678.00
1105583	1,444.00
1105586	2,366.00
1105587	2,404.00
1105588	295.00
1105589	1,883.00
1105590	3,195.00
1105591	295.00
1105592	766.00
1105593	3,590.00
1105594	1,224.00
1105595	898.00
1105596	586.00
<hr/>	
<b>Total: \$</b>	<b>23,208.00</b>

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**CHAMPION BEAR RESOURCES LTD.**

# **SNOOK LAKE PROPERTY**

(Iron Lake Map Area, Keweenaw Mining Division)

## **Ecology and Sampling Sketch**

RECEIVED

MY 25/125

ENR 25 1939

Second

- Schistose and Related Rocks
  - Pink to Red Pegmatite; minor granitic phases
  - Pink to White Pegmatite; Alite + K-Spar + Biot + Musc ± Garnet
  - Aplitic Phases
  - White to Gray Pegmatite; Aplitic Phases
  - Metacrustic Intrusive Rocks
  - Feldspar Porphyry - Massive, Uniform
  - Feldspar Porphyry With Pegmatitic Phases
  - Metacrustic Rocks
  - Mafic to Ultramafic Intrusive Rocks
  - Metasediments - Chemical
  - Metasediments - Clastic
  - Metavolcanics
  - Mafic Metavolcanics
  - Inscrivite
  - Quartzofeldspar
  - Garnets
  - Mica
  - Antalite

### *Symbols*

- Geological Contact (major, minor)
  - Pegmatite Dyke (observed, intermittent or assumed)
  - Road (truck accessible, skidder trail)
  - Beaver Dam
  - Swamp
  - Cliff
  - Champion Bear Claim Post (located, assumed)
  - Other Party Claim Post (located)
  - Rock Sample

