

52L08SW2004 2

2.19492

TREELINED LAKE

010

Drill Holes SR-5 & SR-6 Champion Bear Resources Ltd Separation Rapids Property

**2**.19492



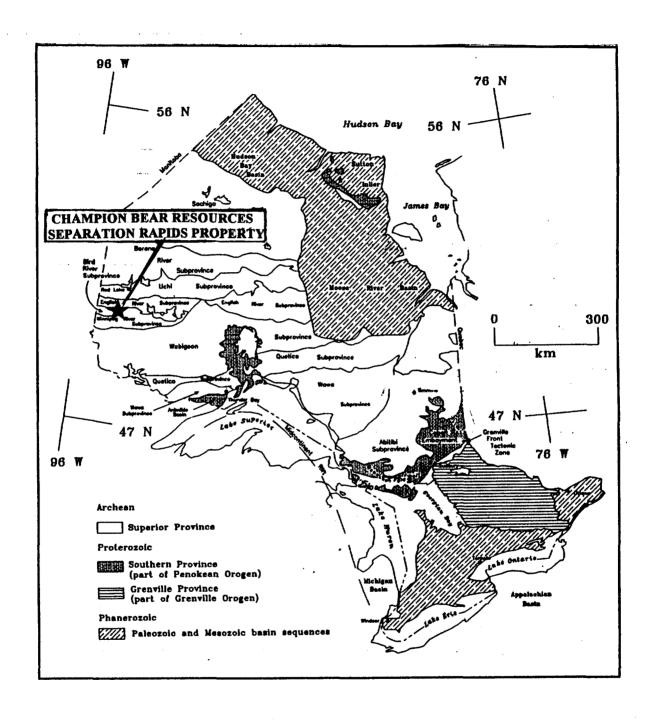


Figure 1: Regional Location and Geological Map of Champion Bear's Separation Rapids Rare Metal Property (After OGS Map by Thurston, 1991)

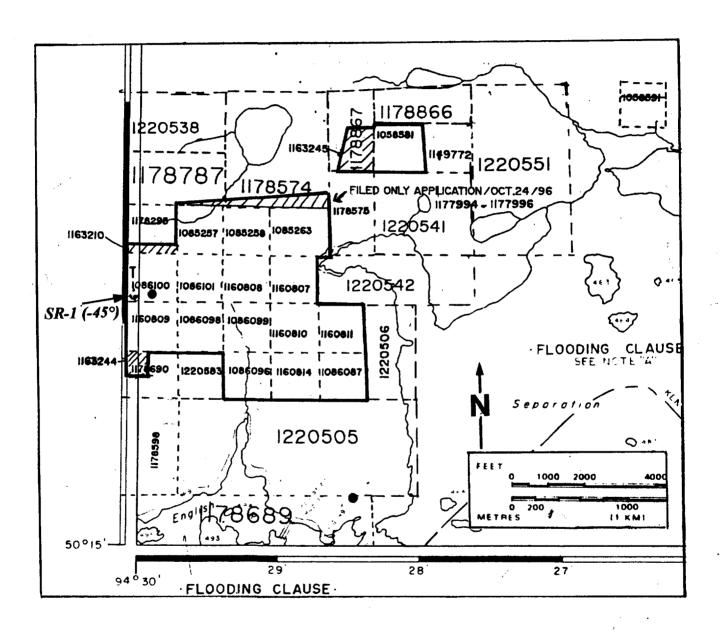
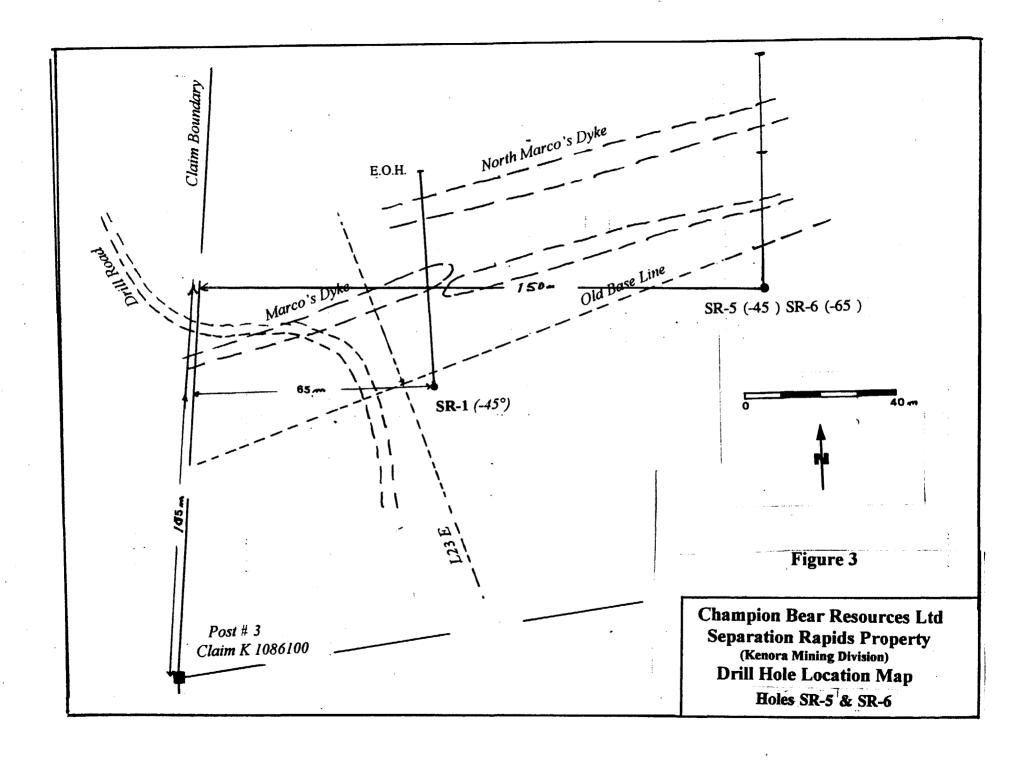


Figure 2: Claim Sketch Map Showing Champion Bear's Separation Rapids Rare Metal Property; (Part of MNDM Claim Index Map G.2651, Treelined Lake Area).



#### DIAMOND DRILL LOG

PROPERTY: SEPARATION RAPIDS
HOLE No.: SR5
Collar Eastings: 2400.00
Collar Northings: -13.00
Collar Elevation: 0.00
Grid: GRID J
CLAIM # 1086100

Collar Inclination: -45.00 Grid Bearing: 0.00 Final Depth: 103.00 metres NQ CORE DATED SEPT 1997

Logged by: A. PRYSLAK Date: 28 SEPT 1997 Down-hole Survey: ACID DRILLED BY ST. LAMBER?

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	то	HIDIH	ASS/	AYS LITHIUM RUBIDIUM	CESIUM TANTAL	
FAUM	10	ETHINEOGICAL DESCRIPTION	SATIFEE NO.	INUH	10	MIDIN	114 1	CITITON NODIDION	CESTUM PANTAL	ur)
0	5.0	Casing								
5.0	12.1	Gabbro: Dark green. c.gr., massive: LC @ 50 deg TCA.				•				
12.1	19.4	Seds Mostly I.F.: Green to grey, garnet - magnetite - with cherty interbeds - minor po		•						
19.4	21.3	Pegmatite/Aplite: Mostly fine grained granite to aplite: abundant white mica - 1 - 3% garnet minor bands to 10cm of coarse peg UC @ 60 deg: normal to bedding LC @ 40 deg: Sc = 50 deg. contact across So. as chert: probably Marco Zone.	104365 104366	19.40 20.40	20.40 21.20	1.00 0.80	502 94	6/7 3613 248 173/		08 36
21.3	35.5	Seds - I.F.: Mustly sil. factes chert - grunerite- garmet - magnetite with minor sulphide facies 29.6 - 30.5 25 - 30% po with black argillite minor late peg veining	. 3							

## DIAMOND DRILL LOG

PROPERTY: SEPARATION RAPIDS

HOLE No.: SR5		

							ASS	AYS							
FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	TIN	LITHIUM R	UBIDIUM	CESIUM TA	NTALUM	•			
05 F	45.5												•		
35.5	<b>46.0</b>	Gabbro:											•		
		Dark green, med gr., massive UC @ 40 deg. : 42.3 - 44.3 cherty seds.											;		
		42.3 - 44.3 CIEFLY SEUS.										_			•
46.0	57.2	Pegmatite:	104367	46.00	47. <b>0</b> 0	1.00	95	979	3444	458	43				
	_	Grey to pink, coarse gr. with 5% fg. aplite	104368	47.00	48. <b>0</b> 0	1.00	101	1090	3398	424	54				
		dykes; mostly Otz-K-spar- musc.	104369	48.00	49. <b>0</b> 0	1.00	150	1680	3614	528	54				
		52.0 - 54.0 Approx core zone of pink k-spars and	104370	49.00	50. <b>0</b> 0	1.00	112	1423	2939	400	77			•	
		alterated crystals	104371	50.00	51. <b>0</b> 0	1.00	88	1152	2164	334	90				
		some graphic intergrowth of qtz with K-spars	104372	51.00	52. <b>0</b> 0	1.00	71	890	2428	548	90				
		mostly pink 52.0 - 57.2	104373	52.00	53. <b>0</b> 0	1.00	66	1090	6148	1000	83				
			104374	53.00	54. <b>0</b> 0	1.00	88	1120	5260	929	89				
		•	104375	54.00	55. <b>0</b> 0	1.00	94	1222	2496	416	<del>6</del> 6				
			104376	55.00	56. <b>0</b> 0	1.00	63	596	1546	211	69				
												*			
57.2	71.1	Sediments:	104377	56.00	57. <b>3</b> 0	1.30	85	. 667	2984	488	61	••			
		Dark green, very well bedded, siliceous	104378	. 58.20	58. <b>6</b> 0	0.40	43	363	2075	434	92				
		with 10 - 12% po. with grunerite									,				
		minor late peg as veinlets, blobs.													
		58.1 - 58.5: peg., grey, medium grained 1% pink garnet							•						
		LC @ 75 deg TCA					-								
71.1	85.4	Permatite:	104379	71.10	72. <b>0</b> 0	0.90	93	2000	3613	1810	125				
	00.4	White , quite uniform in grain size	104380	72.00	73.00	1.00	83	740	2328	580	114				
		Ot2 & white K-feld & musc. and Tr. garnet	104381	73.00	74. <b>0</b> 0	1.00	99	1035	1751	557	93				
		+/- petalite: much of the K-feld is perthite with good	104382	74.00	75. <b>0</b> 0	1.00	45	2000	1317	927	174				
		blue plecchroism; some graphic qtz.	104383	75.00	76.00	1.00	48	886	1442	511	57				
		71.1 - 73.0 orange patches of alteration with 1cm	104384	76.00	77.00	1.00	30	964	746	240	41				
		• • • • • • • • • • • • • • • • • • • •		•	_		-								

HOLE No: SR5

Page 2

#### DIAMOND DRILL LOG

PROPERTY: SEPARATION RAPIDS HOLE No.: SR5

								ASS	AYS				
FROM	TO	LITHOLOGICAL DESCRIPTION		SAMPLE No.	FROM	TO	HTDIW	TIN	LITHIUM R	RUBIDIUM	CESIUM T	ANTALUM	
		bloches of green mica? at 72.0 - 72.2		104385	77.00	78.00	1.00	48	. 1704	1474	340	<b>3</b> 5	
		78.0 1/2 cm pale green beryl		104386	78.00	79. <b>0</b> 0	1.00	48	1043	2069	436	52	
		LC @ 30 deg - fol. parallel.		104387	79.00	80.00	1.00	58	1059	1426	353	54	
		·		104388	80.00	81. <b>0</b> 0	1.00	42	921	1387	428	52	•
				104389	81.00	82. <b>0</b> 0	1.00	27	399	1143	301	38	
			·	104390	82.00	83. <b>0</b> 0	1.00	49	1317	1608	387	52	•
			·~.	104391	83.00	84.20	1.20	43	329	2113	314	65	
				104392	84.20	85.40	1.20	38	323	4014	766	95	

85.4 93.0 Sediments/M.V.:

Poorly layered

86.5 - 86.7 White peg @ 70 & 80 deg TCA; contacts resp.

- graphitic last 1/2 meter.
- quite massive, dark green with minor biotitic bands
- possibly sheared of M.V.

E.O.H. 93.0

HOLE No: SR5

#### DIAMOND DRILL LOG

PROPERTY: SEPARATION RAPIDS

HOLE No.: SR6
Collar Eastings:
Collar Northings:
Collar Elevation:
Grid: GRID J
CLAIM # 1086100 2400.00 -13.00 0.00

Collar Inclination: -65.00 Grid Bearing: 0.00 Final Depth: 103.00 metres NQ CORE DATED OCT 1997

Logged by: A. PRYSLAK Date: 30 SEPT 1997 Down-hole Survey: ACID DRILLED BY ST. LAMBERT

5004	70	A VIDEO COLONIA DESCRIPTATA DA	CAMPI C M-	FROM	<b>T</b> A			SAYS			
FROM	70	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	IIN	LITHIUM RU	RIDIUM	CESIUM TANT	ALUM
0	4.9	Casing									
4.9	19.0	Gabbro: Medium to coarse grained, dark green, massive; horneblend hd. phyic good chilled margin 17.0 - 18.5 18.5 - 21.9 green, chloritic unit with 20% biotitized sections contact likely at 18.5, with subtle silicification banding starting here at 40 deg TCA.									
19.0	49.0	Sediments: Siliceous, whert - amphibole - garnet. +/- mag +/- po Green/grey interbedded siliceous silicate facies I.F some beds with po. and minor cpy. in the section 29.0 - 31.0	104393	26.60	27.50	0.90	5	117	65	25	1 .
		moderate garmet with green amphibole bands; minor magnetite.  24.0 - 25.0 minor asp. through section.  25.6 - 27.5 White coarse sugary QV with inclusions of seds - barren.  possibly related to pegmatite ( Marco's Zone ? )								\$ : : •	

HOLE No: SR6

## DIAMOND DRILL LOG

PROPERTY:	SEPARATION	RAPIDS
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93 0

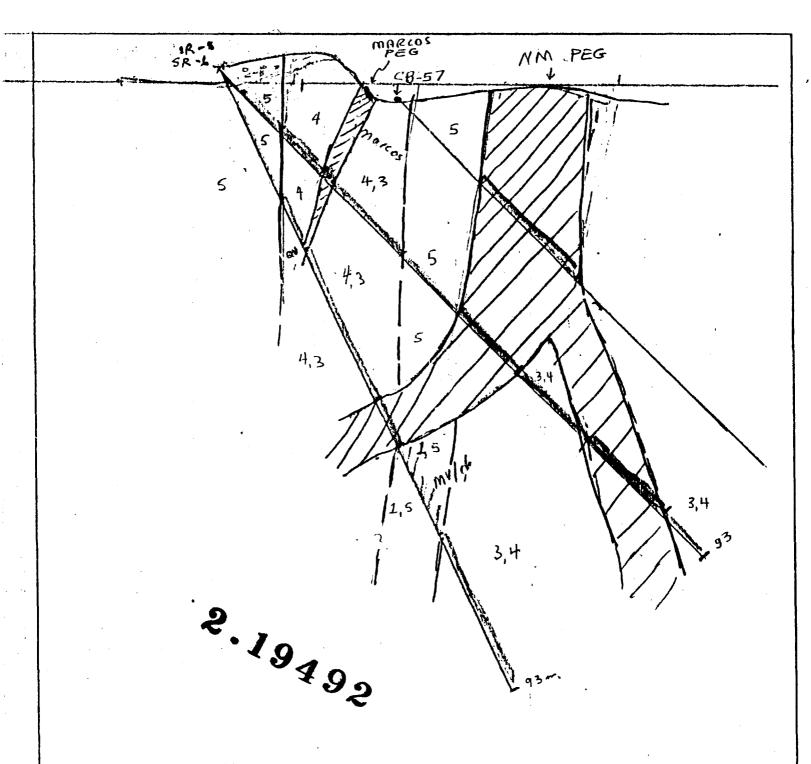
E.O.H.

TWOTHWILL DELIMINATION WILL TOO			
HOLE No.: SR6			

					4							
FROM	то	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH .		SAYS LITHIUM R	UBIDIUM	CESIUM TA	ntalum	
:		47.7 - 48.5: Graphitic sections with 10% po., 5 - 6% py - late, coarse, recrystallized.					:					
49.0	56.4	Pegmatites: Grey to pink, medium blocky Kspar & aplite 49.0 - 54.4: Coarser blocky Kspars with Musc & Qtz likely some pet.: UC @ 75 deg 54.4 - 55.6: Aplite - pink, massive Dark green mica flecs, throughout minor fine garnet; 56.4 White coarse Kspar-qtz-pyrite; possibly some petalite; minor musc.	104394 104395 104396 104397 104398 104399 104400	49.00 50.00 51.00 52.00 53.00 54.40 55.60	50.00 51.00 52.00 53.00 54.40 55.60 56.40	1.00 1.00 1.00 1.00 1.40 1.20 0.80	102 206 235 100 111 64 20	857 2000 2000 2000 2000 432 285	5715 6148 5454 4884 5248 2402 593	552 942 1010 842 939 338 85	75 74 118 87 53 138 20	-
56.4	70.0	Mafic Volcanics: Dark green, medium grained, well foliated quite biotitic for 2.0 on LC. as with gabbro contacts minor bio. throughout, but still hd. dominant										
70.0	93.0	Seds: Siliceous to green, wery well banded I.F. minor garnet with amphibole bands. minor po & garnet - magnetite bands	• ·									

HOLE No: SR6

Page 2



LE GEND

PEGMATITE

S GABBEO

A IRON FORMATION

[ METASEDIMENTS

[ FELSIC VOLC

MAFIC VOIC.

(1:500)

CHAMPION BEAR RESOURCES LTD SEPARATION PAPIDS PROPERTY

X- SECTION

HOLES: SR-5, SR-6, CB-57

LOOKING WEST





## **Declaration of Assessment Work** Performed on Mining Land

Mining Act, Subsection 65(2) and 66(3), R.B.C. 1886



900

sections 65(2) and 60(3) of the Mining Act. Under section 6 of the Mining Act, int work and correspond with the mining land holder. Questions about this colle ent and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Onterio, P3E 685.

Instructions: - For work performed on Crow - Please type or print in ink.	n Lands before recording a claim, u	ise form 0240.
1. Recorded holder(s) (Attach a list if ne	ecessary)	
Name Champion Bear Reso Address Dox 2008 Warra,	enege Ltd	Client Number     6 945   Telephone Number   (402) 129-95   (705) 856-20/8
2005 9th St SW.	Scy Alberta	Fax Number (705) 856 - 1147
Name		Client Number
Address		Telephone Number
		Fax Number
2. Type of work performed: Check (*/) a  Geotechnical: prospecting, surveys, assays and work under section 18 (rec	Physical: drilling strip	pping,   Rehabilitation
Work Type		Office Use
7 .00 -	/	Commodity g
Greening	<b>√</b>	Total \$ Value of Work Claimed 11, 259.
Detec Work From 26 09 97	To 30 09 97 Day   Month   Year	NTS Reference
Global Positioning System Data (If available) Township/	Trelevil Lake	Mining Division Konora
M or G-Pla	Number 6 2651	Resident Geologist / District
- complete and attach - provide a map show	e to surface rights holders before star a Statement of Costs, form 0212; ing contiguous mining lands that are f your technical report.	rting work;
3. Person or companies who prepared	the technical report (Attach a list if	necessary)
Name Seman Sear	IA P Paule	Telephone Number
Address 10 <sup>8</sup>	S / 1/11 / 1/4 3222	(705)- 85/ <sub>0</sub> - 20/8
Name P05 (K	O OFCORDED	(705) 85% - 1147. Telephone Number
Addrees	TILOO! ID L	Fax Number
Name	MAY 2 5 1999	Telephone Number
Address		Fax Number 9
4. Certification by Recorded Holder or 1, Sean	Agent, do hereby certify that I have	personal knowledge of the facts set forth in
this Declaration of Assessment Work having completion and, to the best of my knowledge	g caused the work to be performed or	witnessed the same during or after its
Signature of Recorded Holder or Agent	)	Date
Agent's Address Box 2058 (1 0241 (0397) POS	Jana On Telephone Number	er Fax Number 56-2018 (705) \$ 56-1147
0241 (03/97) POS	IKO	

MAY 25 1393 GEOSCIENCE ASSESSMENT

work i winin colum	g Claim Number. Or if use done on other eligible g land, show in this in the location number used 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.	Velue of work assigned to other mining claims.	Bent. Value of a to be distributed at a future date
40	TB 7827	16 he	\$26,825	NA	\$24,000	\$2,825
<b>.</b>	1234567	12	0	\$24,000	0	0
Ŋ	1234568	2	\$ 8,892	\$ 4,000	0	\$4,862
1	K 1086100	I	1/1259	ø	1600	9659
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Somorioi	☐ 3. Credits are☐ 4. Credits are	this declaration makes to be cut back start to be cut back start to be cut back equal to be cut back as	ay be cut back. Plo in the Bank first, fo iting with the claim ually over all claim prioritized on the a	ease check (<) in the ellowed by option 2 on a listed last, working a listed in this declar appendix of the ellowed appendix o	e boxes below to so or 3 or 4 as indicate g backwards; or ration; or r as follows (describ	d. 73
Vote	e: If you have not indicated followed by option numb		ere to be deleted, o	redits will be cut da	CK from the Bank ii	rst,
For	ived Stamp		Deen	ned Approved Date	Date Notific	ation Sent
	·					
	•		Date	Approved	Total Value	of Credit Approved
Rece	03/97)			Approved oved for Recording by Mir		<u>.</u>
Rece	· .	FARIVE:	Appro			···
tece	· .	ECEIVED	Appro			

GEOSCIENCE ASSESSMENT OFFICE

5. Work to be recorded and distributed. Work can only be assigned to claims that are consiguous (automates as an iend where work was performed, at the time work was performed. A map showing the configuous link must accompany to



Ministry of Northern Development and Mines

# Statement of Costs for Assessment Credit

Trans	action	Num	ber (	(offi	<b>:0</b> U	80)
1,1	991	11.	00	) /	1	_

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 685.

	Units of Work	T	T
Work Type	Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.	Cost Per Unit of work	Total Cost
Diamond Drilling	186m ©	54,33	\$ 10,105
Diamond Drilling Supervision/Logging Co	o 3 Day @	<b>4</b> 300	900.
Associated Costs (e.g. supplies,	mobilization and demobilization).		
		RECOR	DED
		MAY 25	1999
	ortation Costs		4 - 44 - 80
	48 km @ 30 t	304	104.00
Food a	nd Lodging Costs		
	3 Man Day e	50	/50.∞
	~~~		8
	lotal value	of Assessment Work	11,259
Calculations of Filing Discounts:	`	192	
2. If work is filed after two years a	performance is claimed at 100% of the and up to five years after performance his situation applies to your claims, up	, it can only be claimed	at 50% of the Total
TOTAL VALUE OF ASSESSME	NT WORK × 0.50	Total \$ va	lue of worked claimed
	ed to verify expenditures claimed in t ection/clarification. If verification and/o		
	RECEIV	ED	
Certification verifying costs:	Swars, do hereby certify, that the	39	
(please print full name)	costs were incurred while completing	e amounts snown are a	is accurate as may he lands indicated on
the accompanying Declaration of	Mark form as	2.1	l am authoriza
to make this certification.	(recorded holder, agent, or efate	company position with signing a	utnority)
	Signature	Da	
		3	Mg 25/99

Ministry of Northern Development and Mines Ministère du Développement du Nord et des Mines

June 1, 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

Dear Sir or Madam:

Submission Number: 2.19492

Status

Subject: Transaction Number(s):

W9910.00105 Deemed 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 or by telephone at (705) 670-5855.

Yours sincerely,

ORIGINAL SIGNED BY

Blair Kite

Supervisor, Geoscience Assessment Office

Mining Lands Section

## **Work Report Assessment Results**

Submission Number:

2.19492

Date Correspondence Sent: June 01, 1999

Assessor:Steve Beneteau

Transaction Number

First Claim

Number Township(s) / Area(s)

Status

**Approval Date** 

W9910.00105

1086100

TREELINED LAKE

Deemed Approval

June 01, 1999

Section:

16 Drilling PDRILL

Correspondence to:

Resident Geologist Kenora, ON

Assessment Files Library

Sudbury, ON

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

Seymour Sears WAWA, ON

CHAMPION BEAR RESOURCES LTD.

CALGARY, ALBERTA

**S**621

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TRIM LINE

TRIM LINE