



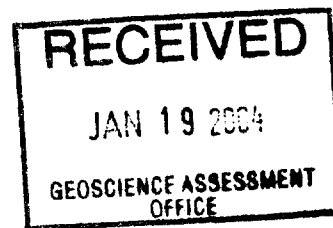
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**REPORT ON THE HALCYON
RECONNAISSANCE EXPLORATION PROGRAM,
PARKIN TOWNSHIP, ONTARIO
FOR
CHAMPION BEAR RESOURCES LTD.**

prepared by

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1. INTRODUCTION

The author was contracted by **Watts, Griffis and McOuat Limited** ("WGM") to conduct a reconnaissance exploration program for **Champion Bear Resources Ltd.** ("Champion Bear") on its "Halcyon Property" located northeast of Sudbury, Ontario. The purpose of this program was 3-fold:

- (1) To collect and compile assessment data.
- (2) To conduct a property field visit for the purpose of:
 - Sampling known gold showings on the property;
 - Conducting an initial field search for the possible extension of the "Whistle offset dyke" structure that may traverse the property; and
 - Briefly examining the geology underlying the southern half of the property.
- (3) To prepare a brief geological reconnaissance report of the property potential.

Between May 29th to June 13, 2003, two days were spent at the **Ministry of Northern Development and Mines** ("MNDM") Sudbury Assessment Office conducting assessment work to review previous exploration activities on the property. Field work was conducted for a period of 13 days. Five additional days were spent assembling and compiling the map and writing the report. This report summarizes the results of this reconnaissance program. All geological information is presented on the map accompanying this report.

Metric units are generally used throughout this report. Gold ("Au") assay returns are reported as parts per billion ("ppb") or grams per metric tonne ("g/t"). Silver ("Ag") grades are reported as g/t. Copper ("Cu") grades are reported as parts per million ("ppm") or as ("%") percent. Nickel ("Ni") and zinc ("Zn") values are reported in ppm. Arsenic is reported as ppm or % As.

2. CHAMPION BEAR RESOURCES LTD.

Champion Bear Resources Ltd. is a mineral exploration company focused exclusively on the historically prospective regions of Ontario. The company has assembled a large land position in the Dryden and Sudbury areas, totalling over 16,000 hectares (Figure 1). The Corporation's primary target is platinum group metals and to a lesser extent polymetallic base metal, pegmatite-hosted tantalum deposits and gold.

Exploration activities are currently being managed under the direction of WGM. Information regarding these activities is available on the SEDAR website at www.sedar.com.

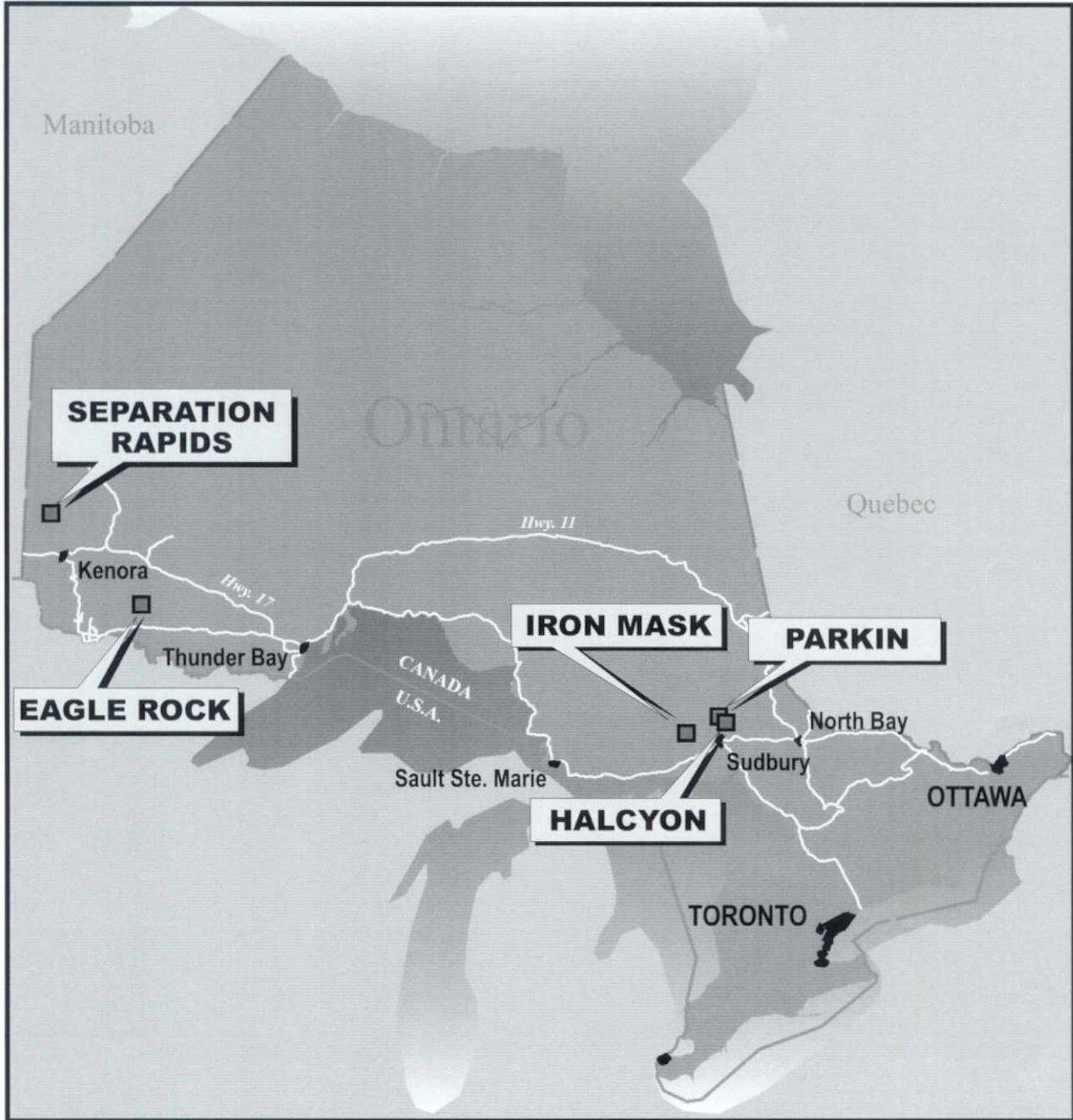


Figure 1.

CHAMPION BEAR RESOURCES LTD.

*Location of Properties
Ontario*

3. PROPERTY DESCRIPTION AND LOCATION

The Halcyon Property consists of 53 contiguous unpatented mining claims comprising 54 claim units and covering approximately 864 hectares located in southeastern Parkin and southwestern Aylmer Townships approximately 37 km northeast of Sudbury (Figure 2, Tables 1 and 2). Claims are currently active and are held 100% by Champion Bear with zero dollars in the claim bank.

Pursuant to an agreement between John Brady and Champion Bear dated January 31, 2003 (the "Halcyon Agreement"), the Company acquired the mining claims comprising the Halcyon Property from John Brady in consideration for the payment of \$20,000 and the issuance of 50,000 Common shares with a deemed value of \$55,000. In Addition, Mr. Brady will be paid \$30,000 and issued 50,000 Common Shares on or before July 31, 2004 provided Champion Bear is satisfied, in its sole discretion, that there is potential for economic mineralization on the claims. The Halcyon Agreement provides that the mining claims are subject to a 2% Net Smelter Return, 75% of which may be acquired by the Corporation for \$1,125,000 at any time until the mining claims have been put into production.

WGM is responsible for performing all required assessment work and making the appropriate filings in order to keep the claims comprising the Halcyon Property in good standing. These claims are all currently in good standing and have sufficient assessment credit in reserve for at least the balance of 2005.

4. ACCESSIBILITY

Access to the property is by Regional 80 for a distance of 18.3 km north from Sudbury to the Town of Val Therese. From there one continues easterly for a distance of 6.7 km along Regional Road 80 to the junction with Regional Road 84. One then follows Regional Road 84 north for a distance of about 7 km to the Town of Capreol. From Capreol one proceeds northeasterly along an all weather gravel road past Inco Limited's Whistle Mine and Malbeuf Lake. An access road leading east, just south of the old Milnet Mine, provides road access to the western edge of the claim group.

5. PHYSIOGRAPHY AND CLIMATE

The Sudbury area is located within the Canadian Shield. The topography is typical of this part of the Canadian Shield and is that of a dissected plateau sloping gently south toward Lake Huron and Georgian Bay. Total relief in the area is about 150 m, and local relief is limited to 30 to 60 m.

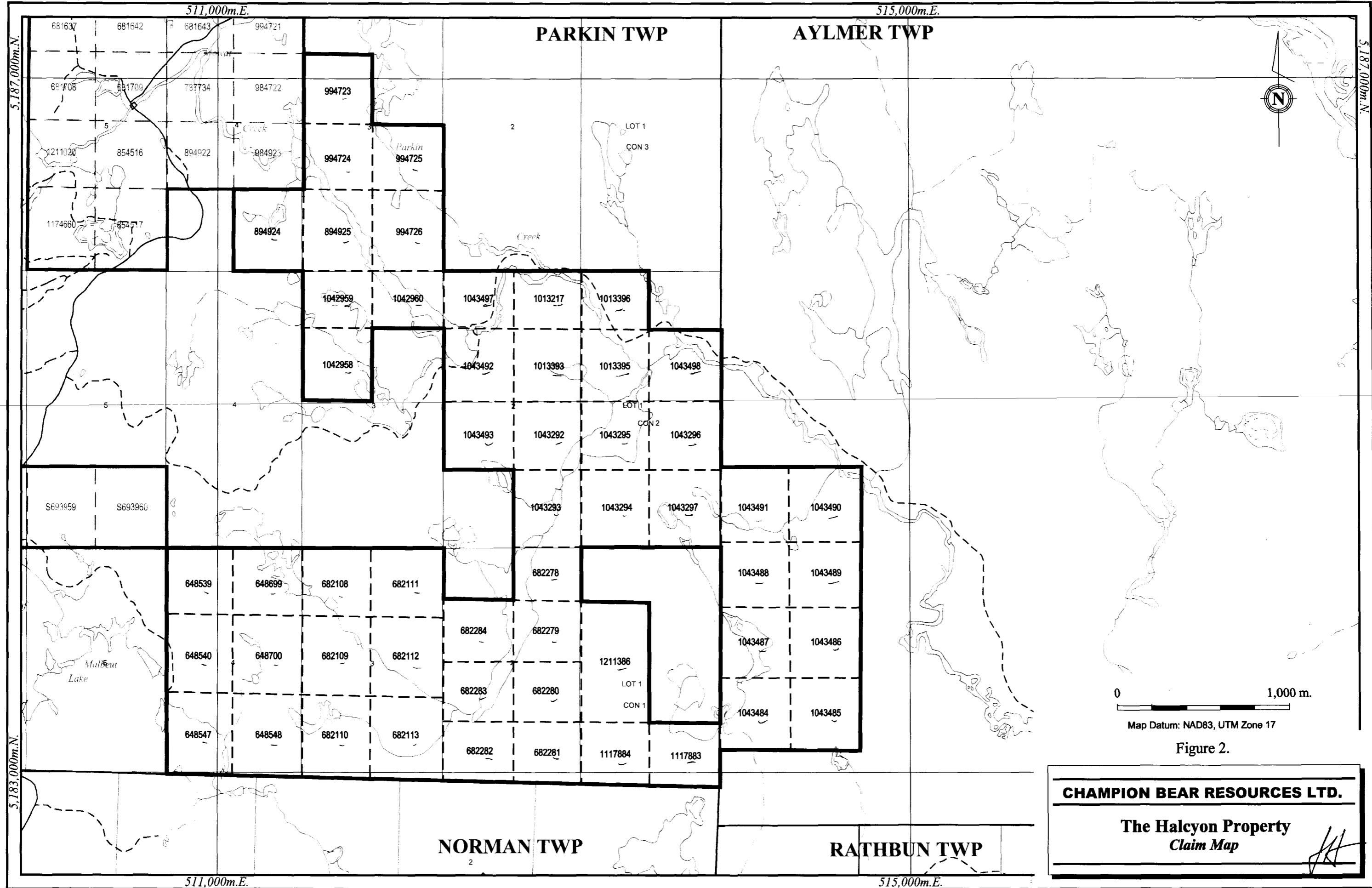


Figure 2.

CHAMPION BEAR RESOURCES LTD.

The Halcyon Property
Claim Map

TABLE 1
HALCYON PROPERTY MINING CLAIMS, PARKIN TOWNSHIP

Claim Number	Recording Date	Claim Due Date	Work Required	Total Applied
S 1013217	1989-JAN-26	2006-JAN-26	400	6400
S 1013393	1989-JAN-26	2006-JAN-26	400	6400
S 1013395	1989-JAN-26	2006-JAN-26	400	6400
S 1013396	1989-JAN-26	2006-JAN-26	400	6400
S 1042958	1988-DEC-12	2006-DEC-12	400	6800
S 1042959	1988-DEC-12	2006-DEC-12	400	6800
S 1042960	1988-DEC-12	2006-DEC-12	400	6800
S 1043292	1989-JAN-26	2006-JAN-26	400	6400
S 1043293	1989-JAN-26	2006-JAN-26	400	6400
S 1043294	1989-JAN-26	2006-JAN-26	400	6400
S 1043295	1989-JAN-26	2006-JAN-26	400	6400
S 1043296	1989-JAN-26	2006-JAN-26	400	6400
S 1043297	1989-JAN-26	2006-JAN-26	400	6400
S 1043492	1989-JAN-26	2006-JAN-26	400	6400
S 1043493	1989-JAN-26	2006-JAN-26	400	6400
S 1043497	1989-JAN-30	2006-JAN-30	400	6400
S 1043498	1989-JAN-30	2006-JAN-30	400	6400
S 1117883	1991-JAN-25	2006-JAN-25	400	5200
S 1117884	1991-JAN-25	2006-JAN-25	400	5200
S 1211386	1996-MAY-27	2007-MAY-27	800	7200
S 648539	1983-MAR-04	2006-MAR-04	400	8800
S 648540	1983-MAR-04	2006-MAR-04	400	8800
S 648547	1983-MAR-04	2006-MAR-04	400	8800
S 648548	1983-MAR-04	2006-MAR-04	400	8800
S 648699	1983-MAR-04	2006-MAR-04	400	8800
S 648700	1983-MAR-04	2006-MAR-04	400	8800
S 682108	1983-MAR-14	2006-MAR-14	400	8800
S 682109	1983-MAR-14	2006-MAR-14	400	8800
S 682110	1983-MAR-14	2006-MAR-14	400	8800
S 682111	1983-MAR-14	2006-MAR-14	400	8800
S 682112	1983-MAR-14	2006-MAR-14	400	8800
S 682113	1983-MAR-14	2006-MAR-14	400	8800
S 682278	1983-MAR-14	2006-MAR-14	400	8800
S 682279	1983-MAR-14	2006-MAR-14	400	8800
S 682280	1983-MAR-14	2006-MAR-14	400	8800
S 682281	1983-MAR-14	2006-MAR-14	400	8800
S 682282	1983-MAR-14	2006-MAR-14	400	8800
S 682283	1983-MAR-14	2006-MAR-14	400	8800
S 682284	1983-MAR-14	2006-MAR-14	400	8800
S 894924	1986-JUN-12	2006-JUN-12	400	7600
S 894925	1986-JUN-12	2006-JUN-12	400	7600
S 994723	1987-DEC-23	2006-DEC-23	400	7200
S 994724	1987-DEC-23	2006-DEC-23	400	7200
S 994725	1987-DEC-23	2006-DEC-23	400	7200
S 994726	1987-DEC-23	2006-DEC-23	400	7200

July 4th, 2003 Information - Claim Map G-2015 (Parkin Township)

TABLE 2
HALCYON PROPERTY MINING CLAIMS, ALYMER TOWNSHIP

Claim Number	Recording Date	Claim Due Date	Work Required	Total Applied
S 1043484	1989-JAN-16	2006-JAN-16	400	6400
S 1043485	1989-JAN-16	2006-JAN-16	400	6400
S 1043486	1989-JAN-16	2006-JAN-16	400	6400
S 1043487	1989-JAN-16	2006-JAN-16	400	6400
S 1043488	1989-JAN-16	2006-JAN-16	400	6400
S 1043489	1989-JAN-16	2006-JAN-16	400	6400
S 1043490	1989-JAN-16	2006-JAN-16	400	6400
S 1043491	1989-JAN-16	2006-JAN-16	400	6400

July 4th, 2003 Information - Claim Map G-2901 (Alymer Township)

Rocky hills alternate with depressions filled with glacial deposits and swampy ground. In some areas, particularly in the western part of the area, rock exposure is poor because of an extensive cover of glacial till, sands, and gravel. The area is located just south of the drainage divide between the Hudson Bay and Great Lakes watersheds and consequently most drainages are limited to fairly small streams and rivers. During Pleistocene glacial erosion and deposition, the drainage pattern became disrupted and consequently there are numerous small lakes and ponds.

Very little of the land in the area is suitable for agriculture, except in the centre of the Sudbury basin. There is little marketable timber and most of the area is forested by mixed species, predominantly second growth.

Temperatures average 24.8°C in the summer and -8.4°C in the winter. Annual precipitation averages 62.2 centimetres of rain and 247.5 centimetres of snow.

6. INFRASTRUCTURE AND LOCAL RESOURCES

The city of Sudbury is a major centre with a population of about 90,000 (164,000 in the Regional Municipality of Sudbury). The area has a long mining history. As home to both Inco Limited and Falconbridge Limited, the Sudbury area is the western world's largest producer of nickel and the location of the largest fully integrated mining complex in the world.

Over 300 companies involved in mining related activities offer expertise covering all areas of underground hardrock mining and environmental rehabilitation. There is particular expertise in land reclamation and mine rehabilitation. The area is also home to the Centre in Mining and Mineral Exploration Research, the Laurentian University Mining Automation Laboratory, the Mineral Exploration Research Centre, the Geomechanics Research Centre, the Canadian Mineral Industry Research Organisation, Central Analytical Services, and the Mining Innovation Rehabilitation Applied Research Corporation.

Ontario's Ministry of Northern Development and Mines is also based in Sudbury with its 236,000 square foot laboratories. CANMET also maintains a laboratory specializing in mine backfill technology and the Industrial Research Assistance Program of the National Research Council is located at Laurentian University. The Northern Ontario Research Centre for Advanced Technology Inc. is based at Cambrian College.

7. REGIONAL GEOLOGY

The geology of the Sudbury area has been studied extensively, as it hosts one of the largest nickel-copper deposits in the world, as well as being the site of a meteorite impact. There is still debate about many aspects of the geology. The following synthesis of the geology is derived from WGM's review of the available literature.

The Sudbury area is located in the southern Canadian Shield in the eastern part of the Southern geologic province. It is located at the contact between the Archean rocks of the Superior Province and the Early Proterozoic Huronian rocks of the Southern Province. The area lies about 10 km north of the Grenville Front, which marks the northern limit of the Grenville Province.

The geology of the area is dominated by the Sudbury Structure, which is now generally accepted to be a deformed crater structure resulting from a major meteorite impact about 1,850 million years ("Ma"), (Figure 3). The Sudbury Structure is a 60 by 27 km oval basin structure comprised of three components:

- An outer zone up to 80 km wide consisting of fractured and locally brecciated and partially melted Archean and Proterozoic rocks which have been affected by the Sudbury Impact and intruded by offset dikes related to the Sudbury Igneous Complex ("SIC");
- The SIC, an intrusion or melt sheet, which is now exposed in the form of an elliptical collar around the Sudbury Basin. The SIC is divided geographically into a North Range, South Range and East Range; and
- Whitewater Group sediments of the Onaping, Onwatin, and Chelmsford Formations which have been deposited within the basin.

The Sudbury impact structure is bounded to the north by Archean rocks. The Archean rocks are dominated by plutons and gneisses with lesser amounts of greenstone, which date at about 2,700 Ma. Late Archean tectonometamorphism (2,640 Ma) produced the Levack Gneiss Complex and the associated anatectic granitoid rocks. The area was then intruded by the northwest trending Matachewan dyke swarm about 2,450 Ma. Gabbroic intrusions southwest and west of the Sudbury Structure (the East Bull Lake and Shakespeare-Dunlop Intrusions) are believed to be cogenetic with the lowermost volcanics of the Huronian Supergroup and are dated at about 2,490 to 2,450 Ma.

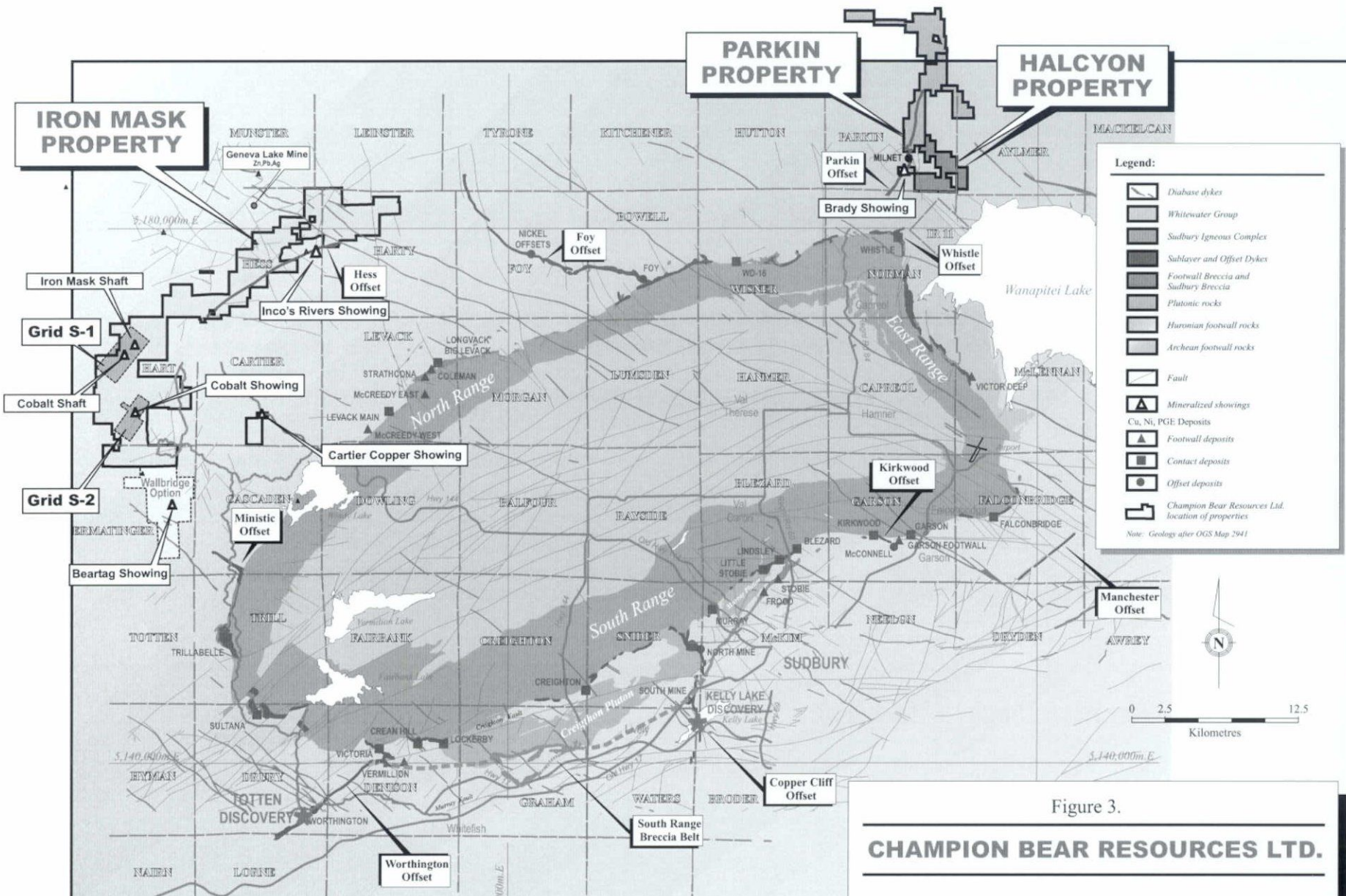


Figure 3.
CHAMPION BEAR RESOURCES LTD.
Regional Geology

Huronian sedimentation and volcanism continued to about 2,200 Ma, largely to the south of the Sudbury area. The sediments were derived from the Archean Superior Province to the north. All of the rocks were intruded by the extensive Nipissing Diabase sill-dyke system about 2,200 Ma.

The Sudbury Meteorite Impact event affected a large area both inside and outside the current limits of the Sudbury Basin. Estimates of the original diameter of the impact structure range up to 150 to 225 km. The impact resulted in the formation of a radial and concentric pattern of offset dykes and zones of pseudotachylyte within the surrounding Archean and Proterozoic rocks.

The Archean and Proterozoic rocks surrounding the SIC have also been intruded by what are called "quartz diorite" or "offset dykes". Two major varieties of these dykes have been recognized: radial and concentric. The radial dykes appear to stem from the norite and/or sublayer and extend into the footwall rocks in a radial pattern with respect to the SIC. The concentric dykes may be related to ring faults and may either be connected to the norite/sublayer or represent accumulations of melt rock formed associated with pseudotachylyte formation. For example, the Hess concentric offset in Foy Township stems from the radial Foy offset dyke. After its formation the Sudbury Structure and adjacent rocks were affected by the Penokean Orogeny, variously dated at between 1,700 to 1,900 Ma. Northwesterly directed thrusting during this orogenic event is believed to be responsible for northwest-southeast shortening of the SIC and Sudbury Basin contributing to its current elliptical shape.

8. PROPERTY GEOLOGY

The Halcyon Property lies within the outer zone of the Sudbury Basin of fractured and locally brecciated and partially melted Archean and Proterozoic rocks which have been affected by the Sudbury meteorite Impact and may be intruded by offset dikes related to the SIC.

The Halcyon Property is located approximately three km northeast of the SIC within primarily Precambrian rocks of the Superior Province and Huronian Sediments. Volcanic rocks dominate the southwestern portion of the claims and commonly contain narrow sulphide-bearing (mostly pyrite) iron formation units. Huronian Sediments underlie the northeastern section. Nipissing gabbros and diabase dykes are prominent.

Previous explorers have noted chalcopyrite bearing sulphides in a volcanogenic setting from the western part of the property and elevated gold values associated with iron formation and sheared carbonatized rocks in the east.

9. EXPLORATION TARGETS

1. Ni-Cu-PGE mineralization associated with disseminated to massive sulphide zones within the "Whistle Offset dyke", a radial dyke originating from the norite and/or sublayer of the SIC.
2. Gold deposits within sulphide-bearing iron formation hosted in mafic volcanoclastic rocks and base metal deposits.
3. Au within highly sheared and carbonatized shear zones in association with mafic intrusive rocks.

The Whistle Offset Dyke is considered a part of the intrusive sub-layer of the SIC and is comprised of quartz-diorite and quartz-diorite breccia. Nickel-copper and precious metal sulphide ores of the Sudbury Basin are associated with this rock type. Inco's Whistle Mine, located on the Whistle offset in Norman Township near the SIC contact, is estimated to contain 5 million tonnes of ore that is thought to grade about 1.30% Ni and 0.20% Cu (WGM report, 2000). This radial dyke is believed to originate from the norite and/or sublayer and extend northeast outward into the footwall rocks.

It has been suggested that the Whistle offset dyke may have been displaced along the Post Creek fault and that the Parkin offset dyke is its continuation. Peredery (2001) has suggested that field evidence does not support this contention and infers that the Whistle offset dyke may continue northeasterly to intersect the Halcyon Property. A fault structure has been identified, using Landsat imagery, that parallels and extends northeast from the newly discovered FNX Norman Township Cu-Ni PGE deposit area to intersect the central portion of the Halcyon Property. If Peredery's observations are correct, WGM believes that structures parallel and to the west of the major LandsAT fault structure could represent the extension of the FNX mineralized Whistle offset dyke. It should be noted that offset dykes in this region are often narrow in width (less than 100 m) making it difficult to locate them in surface outcrop.

10. PREVIOUS WORK

The property area has undergone sporadic exploration since the discovery of nickel in the 1880s. Past mineral exploration in the region has focused on a variety of targets including iron, Ni-Cu, uranium, gold and base metals.

Exploration activities on the Halcyon Property to date have included 497 m of diamond drilling, geological mapping, airborne and ground geophysical surveys, soil sampling, geological mapping, stripping, trenching and grab/chip sampling programs (Table 3). In some cases, this exploration work has been poorly documented. The following historical

information has been obtained from MNDM assessment records and reports. All previous work has been plotted on the accompanying map located in the back of this report (Map 1. Historical Exploration Work).

TABLE 3
HISTORY OF WORK ON THE HALCYON PROPERTY

Year	Company/Individuals	Work Performed
1953-54	New Alger Mines Ltd.	Geological Mapping, Ground Magnetic Survey Drilling (5 holes, 303 m)
1956	P.M. Smith	Drilling (2 holes, 110 m)
1957	Newmont Mining (R.M. Elliott)	Drilling (3 holes, 67 m)
1964	Ironco Iron & Smelting	Drilling (2 holes, 127 m)
1969	W. Peacock	Stripping (No Information)
1983-87	John Brady	Trenching
1987	Imperial Metals Corporation	Airborne Magnetic VLF-EM Survey
1988-89	Imperial Metals Corporation	Exploration Grid Established (19.4 km) Soil Sampling Program (772 samples) - Including Au, As, Cu, Zn Rock Geochemistry (23 samples) - Including Au, As, Cu, Zn
1983-87	John Brady - Nearctic Resources Inc.	Prospecting and trenching
1993	John Brady	Mechanical stripping, manual trenching
1995-98		Prospecting, chip and grab sampling

Information discussed herein has been obtained from the government assessment records and reports. All previous work has been plotted on the accompanying "compilation map" located in the back of this report.

New Alger Mines (1953) conducted an extensive exploration program which included linecutting, geological mapping, a ground magnetometer survey and five diamond drillholes totalling 303 m (Table 4). Geology and ground geophysical data was plotted on maps at a scale of 1:5,000. Drill logs were obtained for all five holes although no assays were reported (no geological report). Four of these holes (DDH 1-4) were drilled in 1953 and encountered intermixed quartz diorite, andesite and rhyolite rocks (claim 648699). Disseminated pyrite, pyrrhotite and trace amounts of chalcopyrite were intersected. In 1954, the company drilled DDH 5 on claim 648699 located along the eastern shore of a large lake. This hole intersected grey white quartzite along its entire core length with only trace amounts of pyrite.

It is reported that **F.M. Smith** drilled two holes totalling 110 m in 1956 somewhere on the Halcyon Property (Table 4). According to Imperial Metals Corporation, minor pyrite was encountered. The location of these holes are not known.

TABLE 4
PREVIOUS DIAMOND DRILLING ON THE HALCYON PROPERTY

Hole No.	Azimuth	Collar Dip (°)	Depth (m)	Mineralization
New Alger Mines (1953)				
1	S75W	-45	68	Py
2	S75W	-45	49	py, po
3	S75W	-45	77	py, po, asp
4	S75W	-45	47	Py
5	S75W	-45	<u>62</u>	Py
			303	
P.M. Smith (1956)				
1	S35E	-40	17	tr. Py
2	S35E	-55	<u>93</u>	tr py
			110	
Elliot, R.M. (1957)				
1	S65W	-72	21	Py
2	S65W	-48	22	po, py, cpy
3	S65W	-49	<u>24</u>	po, py
			67	
Ironco Iron & Smelting (1964)				
1	NE	-45	67	Po
2	NW	-45	<u>60</u>	Mag
			127	
TOTAL (12 DDH's)			497	

py - pyrite po - pyrrhotite cpy - chalcopyrite mag - magnetite asp - arsenopyrite

Newmont Mining (R. M. Elliott) drilled three holes totalling 67 m on claim 648539 in 1957 to apparently test an iron formation target (Table 4). A 4.8 m section of cherty banded volcanic rock containing pyrrhotite, pyrite and chalcopyrite was intersected. However, no assay data was reported.

In 1987, **Imperial Metals Corporation** conducted an airborne VLF-EM and Magnetic Survey of the property. The survey was carried out by Terraquest Ltd. of Toronto, Ontario. Data was plotted on maps at a scale of 1:10,000. No report was found within the assessment files covering the survey area. Three isolated magnetic anomalies apparently correspond with possible iron formation occurrences and a broad weak (?) VLF-EM anomaly occurs parallel to stratigraphy across the central surveyed area.

Imperial Metals Corporation further conducted a soil geochemical survey as well as grab sampling program from 1988-89. Geological mapping was not initiated during this program. A total of 772 soil samples and 23 rock samples were submitted to Acme Laboratories of Vancouver for 30 element ICP analysis as well as for gold by atomic absorption.

An exploration grid was established consisting of 2.2 km of cut and chained baseline at an azimuth of 130° and 17.3 km of flagged crosslines at an azimuth of 040°. Crosslines were 100 m apart with soil samples collected along these lines at 25 m intervals. Soil samples were taken from the B-horizon at depths of 15-20 cm (300-500 gram samples). Additional soil samples were taken at 12.5 m intervals in areas returning anomalous values. All soil data for Au, As, Cu and Zn were plotted on maps at a scale of 1:2,500. The highest gold assay return was 635 ppb Au with 11 samples returning greater than 100 ppb Au and 38 samples returning at least 20 ppb Au. The eastern portion of the grid included highs of 315 ppm and 546 ppm As. A total of 42 samples returned greater than 60 ppm copper including a high of 486 ppm Cu. A total of 92 samples returned greater than 100 ppm Zn including a high of 520 ppm Zn.

A total of 23 rock samples (grabs) were taken for analysis. No rock sample descriptions were included in their report. None of the samples returned anomalous gold or arsenic values; the highest gold assay return was 23 ppb Au. However, some samples were anomalous in Cu, Zn and Ni returning best assays of 188 ppm, 257 ppm and 329 ppm, respectively.

Although no consistent anomalies were outlined several clusters of samples anomalous in either gold, copper, zinc or arsenic were outlined. No follow-up work program was implemented.

In 1964, **Ironco Iron & Smelting** held six unpatented mining claims in the southeast Parkin Township. This claim group covered several vertically dipping silica/magnetite iron formations discovered during their mapping program. The company drilled two holes totalling 127 m (Table 4). One diamond drillhole (67 m) intersected minor pyrrhotite mineralization hosted in diorite rock. A second hole was drilled to a depth of 60 m and encountered banded iron formation from 0 to 15 m. No assays are available and no further exploration work was reported.

According to Imperial Metals Corporation records, **Mr. John Brady** (prospector) carried out trenching and prospecting activities with **Nearctic Resources Inc.** from 1983-87. Mr. Brady continued mechanical stripping, trenching and sampling in 1993 and between 1995-98 (Table 5). It is evident from discussions with Mr. Brady that the location of many of these trenched and sampled areas have been only approximated on maps and sketches. WGM has plotted only the best assay results on Map 1.

Exploration activities by Mr. Brady were concentrated on the Parkin Township claim block from 1993-98. In 1993, stripping was completed on six claims with no significant results. Then in 1995, stripping was focused on the southwestern claim block (claims 64539-40). Sheared mafic volcanic rocks returned 3.84 g Ag/t and 0.48% Cu. Mineralized iron formation hosted within mafic volcanic rocks at a second location returned 1% Cu. Two areas were trenched across the approximate position of the Imperial Metals Corporation airborne EM anomaly in 1996 (claims 682284,682279). An EM16 unit was used to locate

the anomaly in the field. One grab sample of quartz veined quartzite returned 0.02 g Au/t. Nothing was uncovered to explain the anomaly. One sample of slightly mineralized rhyolite elsewhere on the property returned 0.23 g Au/t (claim 348540).

TABLE 5
STRIPPING AND TRENCHING BY JOHN BRADY (1993-1998)

Location	Claim Number	Year Work Performed
Parkin Township	648539	1993, 1995
	648540	1993, 1996, 1995
	648699	1998
	648700	1993
	682109	1993, 1998
	682112	1993, 1996, 1997, 1998
	682113	1993, 1996, 1997, 1998
	682279	1996
	682280	1996
	682281	1996, 1997
	682282	1996
	682284	1996
	1042958	1997
Alymer Township	1043484	1996, 1997
	1043486	1997
	1043487	1996

In 1997, a composite sample of quartz stockwork veins hosted within a green quartzite containing 1% pyrite returned 1.65 g Au/t (claim 682281). A trenched iron formation unit hosted in mafic volcanic rocks returned between 4.92 to 5.45 g Au/t over a 1.5 m sample width (claim 682113).

Stripping and trenching was focused on four claims in 1998. Prospecting uncovered mineralized float at an exposure located on claim 648699. Excavating uncovered mineralized brecciated volcanic rock with 1-3% pyrite and trace amounts of chalcopyrite and pyrrhotite. Gold assays were low with anomalous values of 56 ppm Cu, 231 ppm Zn and 0.09 g Au/t. Sulphide mineralized iron formations were found to contain elevated gold concentrations. For example, one formation located on claim 682113 returned 4.75 g Au/t.

Stripping activities in Alymer Township was conducted between 1996-97 focusing on the three western claims bordering the township boundary. Of particular interest was a trench that uncovered a sheared, carbonatized, quartz veined quartzite unit adjacent to mafic intrusive dyke (claim 1043484). A single chip sample returned 6.62 g Au/t across 1.5 m. A second trench exposed a sheared green carbonatized quartz veined rock containing 1% pyrite near the southwest corner of Boot Lake. Samples returned low gold values ranging between 0.01 to 0.02 g/t (claim 1043487).

11. WGM FIELD VISIT

A reconnaissance exploration program was conducted for a period of 13 days between May 29 to June 13, 2003. The author was assisted in the field by Mr. Eldon Phillips, a resident of the City of Sudbury. The following work was completed during this period:

- Areas where gold showings were previously reported were examined and sampled;
- The old excavator access trail to the property was surveyed using a global positioning instrument ("GPS");
- The geology along the access trail was mapped as it provided an excellent cross section of the property geology; and
- One day was spent searching for any evidence of outcrop exposure along the projected trend of the Whistle offset dyke (?) structure.

All grab sample locations were recorded using a GPS unit. Samples were placed into plastic bags with an appropriate sample tag and the sample number written on the bag using a permanent marker pen. The bag was then sealed. A total of 47 samples were boxed and transported by bus from Sudbury to Actlabs in Ancaster, Ontario. Trace element and precious metal analysis are appended (see Appendix 1). For sample descriptions, see Appendix 2.

Mineralized Iron Formation – Parkin Township

Six areas of known sulphide mineralized iron formation, previously exposed by John Brady were examined and sampled (see Map 2, Geology, back pocket of report). These areas are briefly described below.

Area 1 (Claim 648539)

Three gossan zones of iron formation are exposed in a single outcrop adjacent to the access trail. Each zone is less than one m wide, strikes 164° and dips steeply west. The zones are silicified and contain between 5-25% disseminated pyrite. No significant gold assays were returned (samples 2404-07). Sample 2404 contained anomalous copper (748 ppm).

A second gossan showing (iron formation) is located 100 m to the northeast. At this location, a northerly striking shear zone intersects mafic volcanic rocks. The shear is 1 to 2 m wide, is silicified with numerous white quartz-carbonate stringer veins. Locally, up to 40% pyrite and trace amounts of chalcopyrite occur as disseminations and occasionally as massive sulphides. Mr. Brady obtained up to 1% Cu during his 1997 sample program at this location. The author collected eight samples for analysis (samples

2440-47). None of the samples contained any significant gold values. However, samples 2441 and 2446 returned anomalous copper values of 0.24% and 0.12%, respectively.

Area 2 (Claims 648539-40, 648699, 648548)

A 5 to 10 m wide iron formation was exposed 70 m south of the access trail. This unit contains graphitic argillite and chert and strikes northwest dipping 80-90° West. Locally, the formation contains up to 20% pyrite and trace amounts of chalcopyrite. Magnetite occurs sporadically along strike making the unit locally magnetic. This formation appears to correspond to the old Imperials Metals Corporation ground magnetic anomaly and Au, Cu, Zn soil anomalous area.

Seven grab samples of both outcrop and float returned negligible gold values (samples 2422-28) and few anomalous copper values (210 to 317 ppm Cu).

Area 3 (Claim 682113)

In Area 3, previous stripping exposed a 2.3 m wide iron formation hosted within mafic volcanic rocks adjacent to the access trail. This north striking (030°) formation is exposed for a strike length of 13 m and dips 75-80° West. The unit is heavily oxidized and contains chert, local magnetite and occasional seams of graphite. The unit is heavily oxidized containing 10-30% pyrite locally; pyrite cubes and casts occur throughout the formation. Mr. Brady sampled this location in 1997 with a best assay return of 4.54 g Au/t over 1.0 m and 4.90/5.45 g Au/t over 1.5 m. Eight grab samples were collected during the WGM visit (samples 2414-21). Five samples returned gold assays ranging from 0.51 to 3.18 g/t (Table 6). All gold values over 0.5 g Au/t occur in association with arsenic values ranging from 0.23% to over 1% As.

TABLE 6
BEST GRAB SAMPLE ASSAY RETURNS (>0.5 g Au/t)

Sample Number	UTM Co-ordinates (NAD 83, Zone 17)		Au (g/t)	As (ppm)	Description
	Easting	Northing			
Area 3					
2416	511893	5183466	0.86	> 10,000	IF, 20-25% py, mt
2417	511895	5183466	0.51	3,770	IF, 20-25% py, locally
2418	511897	5183460	3.18	> 10,000	IF, 20-25% py
2419	511901	5183464	1.17	> 10,000	IF, 25-30% py, mt
2420	511901	5183462	1.12	2,250	IF, 25-35% py (diss)

Area 4 (Claim 682282)

An iron formation was exposed in Area 4 just northwest of a major northeast striking fault scarp which transects the central portion of the property. This cherty heavily oxidized unit

is very magnetic and contains 5 to 10% pyrite, pyrrhotite and locally 15 to 20% pyrite. Pyrite cubes are common. The formation is hosted within mafic volcanic rocks. Two outcrop and five float samples were collected from the former trench (samples 2429-35). No significant gold assays were returned. Three samples returned anomalous arsenic values ranging from 0.11 to 0.24%.

Area 5 (Claim 1117884)

A single outcrop of quartz stringer "stockwork (?)" veined mafic volcanic rock occurs along the access trail (Area 5). The rock appears highly sheared and contains 15-20% pyrite locally within intermittent carbonatized gossan zones. Sulphides occur in direct association with the quartz stringer veins. Mineralization extends over a strike length of 4.0 m. Mr. Brady reported obtaining a single grab assay value of 1.65 g Au/t in 1997. The author collected one grab sample (sample 2413). No significant gold assays were returned.

Sheared Carbonatized Meta-sediments – Alymer Township

Area 6 (Claim 1043484)

Previous work in Alymer Township had been focused on exposing shear zones hosted within meta-sediments adjacent to mafic intrusive (gabbro) rocks. In 1997, Mr. Brady reported obtaining a grab sample of 6.62 g Au/t from one of these shear zones. A field investigation of this showing determined that the zone is tightly sheared and carbonatized and is weakly mineralized (2 to 3% pyrite). No significant quartz veining was observed.

The author collected five grab samples along the shear zone, three from outcrop and one float sample (samples 2408-12). No significant gold assays were obtained. However, some anomalous copper values were obtained (166 to 217 ppm).

Whistle Offset Dyke (?)- Parkin Township

Area 7 (Claims 682284, 682283)

The northeast strike projection of the Whistle offset dyke hosting the FNX Mining Company Inc.'s "Norman Property" would project through the central portion of the Halcyon Property west of the large un-named lake centered about the junction of where claims 682283-84 and 682112 meet west of Area 4.

One day was spent in the field with two mapping crews in search of possible outcrop exposures of offset dyke within Area 7. The second crew was manned by Mr. Frank Racicot (Geologist) and Mr. John Smolen (Geological Assistant). Six east-west traverse lines (2,400 m) were mapped; lines 7+00 to 10+50N. No dyke or structures were located. The area was found to be underlain by pink and grey quartzite rocks.

12. RECOMMENDATIONS

- Geological mapping should be conducted over the southern half of the property along an east-west oriented exploration grid covering approximately 45 line kilometres;
- It is apparent through discussions with Mr. Brady that more stripping and trenching was completed in the past than has been previously reported. During the mapping program, all stripped areas should be located, mapped and sampled;
- High priority should be given to determine if the Whistle offset dyke or structure continues onto the property. Offset dykes are a "high priority" exploration target for Cu-Ni PGE mineralization. The possible location of the dyke trend has been plotted on the compilation map (see Map 2). It should be noted that one hole drilled by New Alger Mines (1953) intersected quartz diorite dyke on claim 648699. The area around this drillhole should also be explored for possible offset dyke outcrop;
- A Mobil Metal Ions ("MMI") soil sampling survey is strongly recommended to aid in locating both base and precious metal mineralization (Table 7). WGM believes that a MMI soil geochemical survey may aid significantly in locating the Whistle Offset Dyke and any sulphide mineralization that may occur within the dyke. The survey should include elements such as Au, Pt, Pd, Cu, Ni, Co, Pb, Zn, Ag and possibly As. Approximately 400 samples taken over 10 km of grid lines (current grid) are estimated to cost around \$24,000 or \$2,400 per. Costs are based at \$38 per sample (analysis), \$600/day (labour), assistant at \$150/day, sample collection at a rate of 35 samples per day;

TABLE 7
MMI PROPOSED SAMPLING PROGRAM

Line Number	From Station	To Station	Sample Interval (m)	Number of Samples
7N	15W	5W	25.0	40
	10W	5W	12.5	20
6N	15W	5W	12.5	80
5N	16W	6W	12.5	80
4N	14W	6W	12.5	64
3N	15W	5W	25.0	40
	13W	8W	12.5	20
2N	15W	5W	25.0	40
	13W	9W	12.5	16
TOTAL				400

- All carbonatized shear zones found adjacent to mafic intrusive rocks should be considered a potential gold exploration target particularly if the shears contain significant sulphide and quartz stringer vein mineralization. These structures should be classified as "high priority" exploration targets for gold;
- The iron formation unit exposed at Area 3 returned the highest gold values on the property of 3.18 g Au/t. Additional detailed sampling is required and the unit should be explored along strike to located higher, more significant, gold mineralized zones. This formation is considered a "medium priority" exploration target;
- Previous zinc soil anomalies (sporadic clusters of anomalies) may indicate a potential to locate a VMS deposit on the property. Some of these "so called" iron formation units may represent volcanogenic sulphide-rich horizons. It should be noted that none of the iron formation samples returned any significant zinc values; and
- The new airborne geophysical survey data evaluated by WGM should be re-examined to determine if any VLF-EM anomalies occur in association with any of the mineralized areas already identified on the property.

CERTIFICATE

**To Accompany the Report Entitled
"Report on the Halcyon Reconnaissance Exploration Program, Parkin Township,
Ontario for Champion Bear Resources Ltd."
dated January 15, 2004**

I, Paul A. Dunbar, do hereby certify that:

1. I reside at 64 Massey Drive, Charlottetown, Prince Edward Island, C1E 1X8.
2. I graduated from the University of Waterloo, Waterloo, Ontario in 1983 with a B.Sc. in Earth Sciences (Honours Applied Earth Sciences, Co-operative Program), and from Laurentian University of Sudbury, Ontario in 1989 with a M.Sc. in Geology and have been practicing my profession continuously since 1979.
3. I am a member in good standing with "The Association of Professional Geoscientists of Nova Scotia" since June, 2000.
4. I am a Senior Associate Geologist with Watts, Griffis and McOuat Limited, a firm of consulting engineers and geologists, which has been authorized to practice professional engineering by the Professional Engineers Ontario since 1969, and professional geoscience by the Association of Professional Geoscientists of Ontario.
5. I am a qualified person for the purpose of National Instrument 43-101.
6. I visited the property between May 29th to June 13, 2003 to conduct a reconnaissance exploration program of the Halcyon Property. During this period I also examined and reviewed all present and previous geological data, including assessment data that was available for the compilation of this report. Detailed discussions were held with Mr. John Brady regarding his previous exploration activities on the property. Mr. Brady also provided an initial tour of the property to visit areas of known mineralized occurrences. I was assisted in the field by Mr. Eldon Phillips, a resident of the City of Sudbury, Ontario.
7. I have no personal knowledge as of the date of this certificate of any material fact or change which is not reflected in this report.
8. I have worked extensively in the Archean terrain of Eastern Canada and for companies as an exploration geologist in search of economic gold and base metals; including geological mapping of the Sudbury Basin. These companies include Noranda Exploration Company Limited, International Thunderwood Explorations Ltd., Aur Resources, Esso Minerals as well as the Ontario Geological Survey.

9. I have not previously worked on this property.
10. I have prepared and wrote this report.
11. I do not own, directly or indirectly, nor do I expect to receive, any interest in the properties or securities of Champion Bear Resources Ltd., or any associated or affiliated companies.
12. I have read the NI 43-101 and Form 43-101F1 and have prepared the technical report in compliance with the NI 43-101 and Form 43-101F1 and have prepared the report in conformity with generally accepted Canadian mining industry practice.

A handwritten signature in black ink, appearing to read 'Paul A. Dunbar', with a long horizontal flourish extending to the right.

Paul A. Dunbar, M.Sc., P.Geo.
January 15, 2004

REFERENCES

- Brady, John
- 1999 OPAP Final Submission Report for work on the Halcyon Property, assessment file 41115SW2019 2.19155.
 - 1997 OPAP Final Submission Report on Work in Alymer Twp (SW) and Parkin Twp, OP96-037, assessment file 41/15SW0204 W9770.00009 Alymer.
 - 1997 Work Report, Parkin Township, claim 682113 (Area 9), assessment file 41115SW0222 2.17146 Parkin.
 - 1997 OPAP Final Submission, OP97-101 and 102, assessment file 41115SW2002 Alymer (2.18128).
 - 1996 Assessment file W1064, excavator work Parkin Township – work by Renger Resources Ltd. for J. Brady.
 - 1983 Report to MNDM on OPAP work (OP692-101, OP692-102), assessment file 41115SW0090 OP92-212 PARKIN.
- Dressler, Burkhard O.
- 1982 Geology of the Wanapitei Lake Area, District of Sudbury: Ontario Geological Survey, Report 213, 131 p., accompanied by Maps 2450, 2451, scale 1:31,680 (1 inch to ½ mile).
 - 1978 Aylmer Township, District of Sudbury, Ontario Geological Survey Preliminary Geological Map P.1608, Ontario Department of Mines, Geological Series, Scale 1:15,840 or 1 inch to ¼ mile, Geology 1977.
- Imperial Metals Corporation
- 1989 Soil Geochemical Survey, Parkin Property, by Dennis Gore, May, 1989, 12 p., report includes 1:2,500 Soil Geochemical Maps for Au, As, Cu and Zn.
 - 1989 Grid Location Map, Scale 1:5,000.
 - 1987 Airborne Magnetic Survey Maps (Total Magnetic Field and Vertical Magnetic Gradient) and VLF-EM Survey Map (Scale 1:10,000).

Ministry of Northern Development and Mines, Sudbury Assessment Office

Undated Assessment file search, claim status, reports and map review.

2003 Mining Land Tenure Map, Alymer Township, Plan G-2901.

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New Alger Mines Ltd.

1953 Drill logs and sections, 13 p.

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1953 Plan of Surface Geology, Scale 1:5,000.

Ontario Geological Survey:

Undated Geological Data Inventory Folio, Parkin Township, GDIF 323, District of Sudbury, 41 p.

Undated Exploration Data Map, Geological Data Inventory Folio 323, Parkin Township, Scale 1:31,680, District of Sudbury.

1982 Sudbury Data Series - Preliminary Map, Parkin Township, Map P.2460, Scale 1:15,840.

1981 Sudbury Data Series - Preliminary Map, Alymer Township, Map P.2190, Scale 1:15,840.

Ontario Department of Mines

1967 Preliminary Geological Map of Parkin Township, Map No. P. 400, Scale: 1 inch to ¼ mile.

Peredery, W.V.

2001 An Outline and Potential of Brady Properties in the Sudbury Area, Ontario, 14 p.

SEDAR website at www.sedar.com

Watts, Griffis and McOuat Limited

2000 Report on the Eagle Rock and Separation Rapids Properties, Northwestern Ontario and The Parkin and Iron Mask Properties, Sudbury Area for Champion Bear Resources Ltd., 167 p.

APPENDICES

**APPENDIX 1:
ASSAY CERTIFICATES**



Invoice No.: A03-1130
 Work Order: A03-1130
 Invoice Date: 23-JUN-03
 Date Submitted: 13-JUN-03
 Your Reference: HELCYON PROJECT
 Account Number: 3590

WATTS GRIFFIS AND MCOUAT LTD
 SUITE 400, 8 KING STREET EAST
 TORONTO, ON
 M5C 1B5
 ATTN: JOE HINZER

CERTIFICATE OF ANALYSIS

50 ROCK(S) (PREP.REV5) were submitted for analysis.


The following analytical packages were requested. Please see our current fee schedule for elements and detection limits.

REPORT 031130 CODE 1A3 - Au-FIRE ASSAY GRAVIMETRIC
 REPORT 031130B CODE 1C-EXPL - FIRE ASSAY ICP-OES

REPORT 031130RPT.XLS ULTRATRACE1 - AQUA REGIA ICP/MS

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

CERTIFIED BY :


 MR E. HOFFMAN / GENERAL MANAGER

ACTIVATION LABORATORIES LTD.

Activation Laboratories Ltd. Work Order: A03-1130 Report: A03-1130

Sample ID	Au g/mt
2448	252
2449	56.7
2450	22.3

Activation Laboratories Ltd. Work Order: A03-1130 Report: A03-1130B

Concentrations are in PPB unless indicated otherwise.

Negative value = Analyte was not found at that indicated detection limit.

Sample Id	Mass(g)	Pd	Pt	Au
2448	15	9	-5	>100,000
2449	15	10	-5	45000
2450	15	5	-5	23300
Found in QA Samples				
UMT1	2	148	144	107
WMG1	2	532	775	188
LoPGM	10	1330	138	262
HiPGM	10	2790	277	515
Expected in QA Samples				
UMT1		106	129	48
WMG1		382	731	110
LoPGM		1420	136	150
HiPGM		2965	286	309

31130RPT.XLS

Actlabs Ultratrace 1 Job #: A03-1130 Report#: A03-1130 Client: WGM Contact: P. Dunbar

Trace Element Values Are in Parts Per Million unless otherwise indicated. Negative Values Equal Not Detected at That Lower Limit.
 Values = 999999 are greater than working range of instrument.

Sample ID:	Li	Be	B	Na%	Mg%	Al%	K%	Ca%	V	Cr	Mn	Fe%	Co	Ni	Cu	Zn	Ga	Ge	As*	Se	Rb	Sr	Y	Zr	Nb	Mo	Ag	Cd
2401	41.6	0.2	-1	0.029	4.06	4.54	0.18	5.81	268	217	2,290	9.56	50.8	120	95.4	156	14.3	0.2	3.1	0.8	13.9	45.6	9.4	0.9	-0.1	0.33	-0.05	-0.1
2402	55.0	0.2	-1	0.035	5.18	5.63	0.39	1.30	234	222	2,190	11.0	51.5	128	84.0	243	15.6	0.2	1.2	0.5	28.6	42.8	8.3	1.1	-0.1	0.65	-0.05	-0.1
2403	28.5	0.3	-1	0.034	3.12	3.80	0.12	2.06	175	195	1,610	7.14	56.1	229	127	124	10.8	0.2	0.5	0.5	9.9	97.1	9.8	1.1	-0.1	0.40	-0.05	-0.1
2404	5.9	-0.1	-1	0.052	1.13	1.31	0.07	0.24	52	34.8	291	7.10	137	51.1	748	168	7.31	0.2	40.2	7.0	4.4	12.4	3.2	9.0	0.4	3.09	0.12	0.7
2405	9.2	-0.1	-1	0.033	1.45	1.67	0.04	0.18	94	144	467	4.82	24.6	27.2	316	457	6.83	0.1	2.2	1.4	2.9	2.9	2.7	1.3	-0.1	1.50	0.21	1.3
2406	14.7	0.2	-1	0.020	1.84	2.20	0.36	0.31	37	45.7	427	5.64	35.0	37.0	183	157	10.3	-0.1	19.7	3.0	14.4	3.5	3.9	6.3	0.2	1.68	0.11	0.5
2407	5.7	0.2	-1	0.033	0.74	0.83	0.15	0.14	15	14.2	157	3.72	17.9	39.4	259	686	3.83	-0.1	18.7	3.7	5.3	2.6	2.7	13.0	0.3	3.65	0.07	3.1
2408	0.7	-0.1	-1	0.035	0.03	0.18	0.07	0.04	5	9.5	281	1.81	9.0	49.2	166	7.1	0.40	-0.1	40.8	0.4	2.0	2.5	3.7	12.4	-0.1	1.09	-0.05	-0.1
2409	3.2	0.3	-1	0.039	4.02	0.19	0.11	10.2	10	12.9	1,130	4.94	3.6	20.2	6.7	12.0	0.43	-0.1	15.6	0.5	4.4	185	13.1	5.5	-0.1	0.59	0.05	-0.1
2410	1.3	0.2	-1	0.047	0.15	0.36	0.19	0.33	9	14.9	246	1.76	15.8	83.7	217	4.3	1.05	-0.1	81.6	0.4	5.9	8.5	6.4	14.0	-0.1	0.99	-0.05	-0.1
2411	27.9	0.4	1	0.044	3.53	2.19	0.18	4.42	102	21.2	654	6.37	70.9	90.8	102	38.8	7.05	-0.1	35.4	0.6	7.9	55.2	5.7	6.2	-0.1	0.41	-0.05	-0.1
2412	1.6	0.1	-1	0.034	2.88	0.30	0.17	6.12	12	23.3	399	2.47	21.3	70.9	3.8	7.1	0.85	-0.1	161	0.3	6.2	106	3.9	7.6	-0.1	0.60	-0.05	-0.1
2413	41.8	0.3	-1	0.017	4.97	5.04	0.05	0.24	286	118	972	13.8	50.0	164	24.6	88.9	18.9	0.3	8.7	1.1	1.3	5.6	9.3	3.3	-0.1	0.71	-0.05	-0.1
2414	-0.5	0.6	-1	0.022	0.08	0.08	0.03	0.26	10	8.8	69	25.8	4.2	13.1	40.0	6.2	1.48	1.2	123	2.4	0.8	5.2	2.2	1.7	-0.1	1.06	0.06	-0.1
2415	-0.5	0.2	-1	0.013	0.03	0.04	0.03	0.10	6	6.7	38	11.9	5.1	14.8	50.5	2.1	0.66	0.4	99.4	1.9	1.2	2.5	0.6	1.1	-0.1	0.78	0.12	-0.1
2416	-0.5	1.2	-1	0.014	0.32	0.25	0.05	0.24	10	12.5	183	24.4	12.9	20.8	103	6.1	1.91	0.4	>10000	4.0	3.6	6.6	5.4	85.8	0.1	1.63	0.12	-0.1
2417	0.5	0.9	-1	0.017	0.75	0.67	0.08	0.11	8	6.2	267	17.4	29.9	47.3	236	12.7	2.86	0.5	3,770	4.9	8.0	3.8	3.8	11.0	-0.1	1.56	0.11	-0.1
2418	-0.5	0.5	-1	0.019	0.16	0.11	0.04	0.18	2	7.1	73	11.5	11.0	48.8	293	3.7	0.63	0.4	>10000	5.5	2.8	6.0	3.0	49.5	-0.1	1.38	0.16	-0.1
2419	-0.5	0.6	-1	0.019	0.11	0.06	0.02	0.17	7	12.8	87	25.7	10.3	37.4	132	9.5	2.41	1.0	>10000	3.2	2.7	2.6	1.4	67.3	0.1	1.34	0.07	-0.1
2420	0.9	1.1	-1	0.024	0.66	0.81	0.15	0.08	42	13.3	496	26.0	6.1	12.3	58.8	21.6	4.34	0.5	2,250	1.7	14.0	8.0	1.6	8.3	0.1	4.96	0.08	-0.1
2421	-0.5	0.8	-1	0.023	0.19	0.08	0.03	0.20	9	9.5	118	23.9	3.4	9.7	28.3	5.0	2.18	0.8	460	1.3	1.3	5.3	2.5	2.6	-0.1	1.31	0.06	-0.1
2422	2.8	0.2	-1	0.026	0.25	0.54	0.24	0.18	7	9.4	63	2.73	3.7	7.5	210	184	1.64	-0.1	54.2	2.8	8.2	3.0	3.5	7.9	0.2	1.57	0.05	1.0
2423	5.7	-0.1	-1	0.023	0.54	0.63	0.18	0.10	9	9.7	133	2.70	1.7	3.9	79.1	187	2.19	-0.1	56.2	3.7	5.8	2.2	2.5	9.2	0.3	2.38	0.14	0.7
2424	17.3	0.3	-1	0.021	1.50	1.56	0.23	0.25	25	108	309	7.66	37.6	67.0	317	108	5.04	-0.1	149	6.9	7.5	2.5	2.8	9.2	0.3	3.61	0.21	0.3
2425	1.9	-0.1	-1	0.017	0.22	0.22	-0.01	0.02	6	5.4	854	7.71	17.4	28.4	231	21.4	1.06	-0.1	20.3	4.8	0.1	0.5	10.0	4.2	-0.1	0.86	0.16	-0.1
2426	9.6	0.1	-1	0.028	0.66	1.10	0.21	1.58	13	31.0	329	4.78	20.6	49.5	229	80.1	3.56	-0.1	3.8	1.8	6.3	19.3	5.7	5.2	-0.1	1.08	0.14	0.3
2427	27.4	0.2	-1	0.019	3.04	2.83	0.05	3.48	24	18.8	1,190	9.24	25.9	59.6	225	261	8.66	0.1	42.7	3.1	1.8	42.7	5.7	5.2	-0.1	1.28	0.10	0.8
2428	1.8	-0.1	-1	0.021	0.26	0.26	0.03	0.07	7	6.7	108	2.98	13.3	4.7	308	46.7	0.95	-0.1	6.2	1.0	0.7	1.2	1.3	2.5	-0.1	0.81	0.06	-0.1
2429	-0.5	0.2	-1	0.020	0.11	0.07	0.02	0.53	3	9.9	308	5.61	2.4	8.4	55.9	4.5	0.42	0.2	7.3	0.2	0.9	9.0	1.5	0.7	-0.1	1.06	-0.05	-0.1
2430	-0.5	0.3	-1	0.020	0.13	0.03	0.02	0.93	2	15.1	328	4.47	3.3	15.4	79.9	3.1	0.21	0.1	10.4	0.4	0.6	12.3	3.0	0.9	-0.1	1.11	-0.05	-0.1
2431	-0.5	-0.1	-1	0.022	0.06	0.07	0.04	0.03	3	9.5	103	4.16	19.1	99.8	172	10.9	0.28	-0.1	10.6	1.5	1.9	4.9	0.6	1.8	-0.1	4.58	-0.05	-0.1
2432	-0.5	0.3	-1	0.021	0.06	0.02	0.02	0.22	2	7.0	100	10.7	1.6	19.2	61.0	1.8	0.25	0.3	1,130	1.0	0.6	5.4	3.3	3.3	-0.1	0.76	-0.05	-0.1
2433	35.2	0.4	-1	0.023	0.12	0.09	0.03	0.10	2	7.3	565	9.68	3.6	13.5	62.7	62.8	0.43	0.2	2,190	0.5	3.3	4.5	4.1	5.7	-0.1	1.23	-0.05	-0.1
2434	0.5	0.5	-1	0.021	0.20	0.04	0.02	0.35	2	26.1	353	11.8	2.7	16.0	82.7	2.0	0.65	0.3	167	0.6	0.9	3.1	4.1	1.2	-0.1	1.51	-0.05	-0.1
2435	4.8	0.5	-1	0.020	0.14	0.07	0.02	0.17	3	16.5	403	9.66	3.4	17.0	75.8	20.9	0.34	0.2	2,400	0.6	1.7	4.2	4.2	7.6	-0.1	1.43	-0.05	-0.1
2436	0.8	-0.1	-1	0.054	0.07	0.18	0.11	0.03	4	24.9	28	0.67	2.1	6.2	9.9	3.8	0.90	-0.1	21.5	0.1	2.5	4.5	1.1	5.5	-0.1	1.08	-0.05	-0.1
2437	7.4	0.2	-1	0.035	0.40	0.59	0.20	0.14	8	30.7	60	1.28	6.0	24.0	63.9	5.4	2.00	-0.1	30.2	0.2	11.5	8.4	4.1	17.3	-0.1	1.71	-0.05	-0.1
2438	5.7	0.2	-1	0.048	0.24	0.48	0.18	0.07	5	40.1	33	1.54	26.0	28.9	160	4.3	1.31	-0.1	76.3	0.5	8.0	6.0	6.6	24.6	-0.1	1.54	-0.05	-0.1
2439	20.9	0.6	-1	0.047	3.75	2.55	0.55	4.90	103	223	460	4.39	13.1	103	9.3	14.9	9.70	0.1	0.8	0.2	41.6	21.1	6.6	7.1	-0.1	0.26	-0.05	-0.1
2440	3.2	0.1	-1	0.024	0.54	0.53	0.01	1.36	37	8.6	605	28.5	433	620	2,850	46.4	3.46	0.2	-0.1	7.2	0.7	5.7	4.9	8.1	0.2	1.40	0.13	0.1
2441	6.5	0.2	-1	0.027	0.96	1.07	0.07	3.48	21	9.6	870	15.1	274	384	2,440	45.1	4.23	0.1	8.5	6.3	5.3	29.0	3.5	6.6	0.2	0.61	0.13	-0.1
2442	8.5	0.2	-1	0.030	1.24	1.64	0.09	5.65	56	14.9	1,320	16.2	1,030	123	839	37.9	6.58	0.2	23.8	4.3	9.8	45.4	5.5	9.9	0.4	0.93	0.10	-0.1
2443	8.1	0.2	-1	0.031	1.03	1.37	0.15	6.46	45	22.5	1,340	5.94	55.8	119	343	36.6	4.34	0.1	0.2	1.0	11.1	70.6	3.2	4.1	0.1	0.62	-0.05	-0.1
2444	8.8	0.3	-1	0.030	1.69	1.67	0.07	5.28	77	28.0	1,530	18.8	188	999	861	32.7	6.16	0.3	-0.1	11.0	4.0	50.6	30.8	4.5	0.2	0.57	0.09	-0.1
2445	12.4	-0.1	-1	0.024	1.63	2.04	0.14	12.7	85	42.6	2,220	8.86	172	110	431	54.2	6.33	0.1	64.0	2.7	7.7	98.9	4.4	2.9	-0.1	0.94	0.06	-0.1
2446	7.2	0.1	-1	0.027	0.98	1.25	0.12	6.83	58	25.0	1,330	17.8	691	127	1,210	31.6	4.15	0.1	133	5.9	8.5	67.4	3.7	3.1	0.2	0.98	0.07	-0.1
2447	2.7	0.1	-1	0.024	0.43	0.54	0.03	7.75	29	9.6	1,240	22.5	801	453	764	19.9	1.87	0.2	94.4	4.2	1.5	57.4	4.5	3.3	0.2	0.76	0.08	-0.1
2448	1.1	-0.1	-1	0.031	0.03	0.09	0.02	0.06	3	5.0	143	13.9	419	453	3,850	6.7	0.31	0.2	160	17.1	0.8	3.1	0.7	5.3	-0			

Actlabs Ultratrace 1 Job #: A03-1130 Report#: A03-1130 Client: WGM Contact: P. Dunbar

Trace Element Values Are in Parts Per Million unless otherwise indicated Negative Values Equal Not Detected at That Lower Limit.

Values = 999999 are greater than working range of instrument

Sample ID:	Li	Be	B	Na%	Mg%	Al%	K%	Ca%	V	Cr	Mn	Fe%	Co	Ni	Cu	Zn	Ga	Ge	As*	Se	Rb	Sr	Y	Zr	Nb	Mo	Ag	Cd
Control Material GXR-6	24.8	0.7	-1	0.058	0.45	6.64	1.07	0.14	155	71.8	972	5.38	11.8	21.1	64.8	119	14.1	-0.1	242	0.3	65.3	31.0	6.2	9.9	-0.1	1.62	-0.05	0.1
Control Material GXR-2	48.3	1.0	3	0.135	0.58	3.01	0.63	0.70	45	21.5	972	1.79	7.7	16.1	79.9	536	8.45	0.1	14.6	0.3	52.8	89.4	11.0	8.8	1.9	0.88	13.6	3.6
Control Material GXR-1	5.3	0.9	2	0.043	0.16	0.31	0.04	0.80	67	5.9	829	22.4	6.8	32.4	1,160	749	4.13	0.5	376	9.2	2.3	145	25.0	7.4	-0.1	15.5	29.2	2.3
Control Material GXR-4	9.1	1.3	-1	0.088	1.50	2.36	1.60	0.76	74	51.4	148	3.02	12.6	35.3	5,570	69.7	9.61	0.2	102	5.7	97.4	67.5	10.8	6.3	0.2	316	1.51	0.1
Cert Data GXR-6	32.0	1.4	10	0.104	0.809	17.7	1.87	0.18	186	96	1,007	5.58	13.8	27	66	118	35	-	330	0.94	90	35	14	110	7.5	2.4	1.3	1
Cert Data GXR-2	54.0	1.7	42	0.556	0.850	16.5	1.37	0.93	52	36	1,007	1.86	8.6	21	76	530	37	-	25	0.61	78	160	17	269	11	2.1	17	4.1
Cert Data GXR-1	8.2	1.22	15	0.052	0.217	3.15	0.05	0.96	80	12	852	23.6	8.2	41	1,110	760	13.8	-	427	16.6	14	275	32	38	0.8	18	31	3.3
Cert Data GXR-4	11.1	1.9	4.5	0.564	1.658	7.20	4.01	1.01	87	64	155	3.09	14.6	42	6,520	73	20	-	98	5.6	160	221	14	186	10	310	4	0.66

*NOTE: Assays are recommended for values >10000 for As and Au

Certified By



C. Douglas Read, BSc
Laboratory Manager, Activation Laboratories Ltd

Date Received: 13-Jun-03

This report shall not be reproduced except in full without the written approval of the laboratory.
Unless otherwise instructed, samples will be disposed of 90 days from the date of this report.

Date Reported: 23-Jun-03

31130RPT.XLS

Actlabs Ultratrace 1 Job #

Trace Element Values Are in
Values = 999999 are greater

Sample ID:	In	Sn	Sb	Te	Cs	Ba	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Hf	Ta	W	Re	Au PPB	Tl	Pb	Bi	Th	U
2401	-0.02	0.16	0.28	-0.02	0.6	47.2	1.4	4.08	2.9	0.9	0.2	0.3	1.3	0.2	-0.1	-0.05	0.4	-0.001	-0.2	0.08	0.96	0.04	0.2	-0.1
2402	-0.02	0.15	0.25	-0.02	0.9	105	1.8	5.47	3.6	1.1	0.3	0.2	0.9	0.1	-0.1	-0.05	-0.2	-0.001	-0.2	0.15	0.58	-0.02	0.2	-0.1
2403	0.03	0.12	0.45	0.03	0.4	34.0	2.1	5.80	4.2	1.3	0.4	0.3	0.9	0.1	-0.1	-0.05	0.3	-0.001	-0.2	0.07	1.43	-0.02	0.2	-0.1
2404	0.37	2.23	1.75	0.61	0.2	18.5	6.6	14.9	5.6	1.0	0.3	0.1	0.3	-0.1	0.2	-0.05	-0.2	0.004	2.2	0.25	13.2	0.25	1.1	0.1
2405	0.19	0.69	0.43	0.21	0.2	12.6	2.0	5.69	3.2	0.8	0.1	0.1	0.3	-0.1	-0.1	-0.05	-0.2	0.004	-0.2	0.13	1.77	0.14	0.3	-0.1
2406	0.11	1.86	0.16	0.49	0.3	82.8	10.1	22.8	8.9	1.5	0.4	0.2	0.3	-0.1	0.2	-0.05	-0.2	0.001	-0.2	0.12	2.60	0.23	2.1	0.2
2407	0.74	1.03	0.20	0.53	0.1	46.7	6.5	15.0	5.8	0.9	0.3	0.1	0.2	-0.1	0.3	-0.05	-0.2	0.008	1.6	0.06	2.30	0.53	2.2	0.3
2408	0.03	0.09	1.36	0.02	0.1	16.7	14.5	31.4	12.8	2.2	0.5	0.2	0.4	-0.1	0.2	-0.05	-0.2	0.001	4.8	-0.02	0.93	0.05	2.5	0.6
2409	0.07	-0.05	0.99	-0.02	0.3	30.9	2.6	7.38	4.3	1.3	0.6	0.4	1.2	0.2	0.1	-0.05	-0.2	-0.001	-0.2	0.02	1.92	0.38	0.8	0.2
2410	0.02	0.06	1.68	0.07	0.3	34.0	21.5	43.5	19.6	3.3	0.8	0.3	0.7	0.1	0.3	-0.05	-0.2	0.000	15.6	0.02	0.83	0.23	6.8	1.5
2411	0.04	-0.05	0.33	0.03	0.3	21.6	5.0	12.4	6.7	1.8	0.4	0.2	0.6	-0.1	0.1	-0.05	-0.2	0.002	-0.2	0.02	0.47	0.17	1.2	0.3
2412	-0.02	-0.05	0.46	0.03	0.2	29.5	5.3	12.3	6.4	1.4	0.4	0.2	0.4	-0.1	0.1	-0.05	-0.2	0.002	-0.2	0.02	0.53	0.03	1.7	0.3
2413	0.04	0.60	0.09	0.16	0.2	26.6	3.6	7.77	3.2	1.0	0.5	0.3	0.7	-0.1	-0.1	-0.05	-0.2	0.002	4.3	-0.02	1.09	0.57	0.4	0.3
2414	-0.02	0.13	2.97	0.09	0.1	12.9	1.2	3.21	1.4	0.4	0.2	-0.1	0.3	-0.1	-0.1	-0.05	0.4	0.003	100	0.05	8.72	0.09	-0.1	-0.1
2415	-0.02	0.09	0.97	0.32	-0.1	8.6	0.7	1.57	0.5	0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.05	0.2	0.001	113	0.03	4.74	0.11	-0.1	-0.1
2416	0.06	0.13	8.67	5.06	0.8	19.9	2.0	5.16	3.0	0.8	0.5	0.2	0.4	-0.1	-0.1	-0.05	0.2	0.001	862	0.07	10.9	1.44	0.1	-0.1
2417	0.05	0.08	1.09	1.56	1.5	15.7	2.1	5.66	2.6	0.6	0.4	-0.1	0.3	-0.1	-0.1	-0.05	-0.2	0.001	509	0.36	14.4	0.41	-0.1	-0.1
2418	0.03	0.09	5.88	4.21	0.5	9.1	2.5	7.12	3.5	0.7	0.4	-0.1	0.3	-0.1	-0.1	-0.05	-0.2	-0.001	3.180	0.53	19.7	0.79	-0.1	0.1
2419	0.04	0.20	8.48	3.68	0.6	10.5	0.6	2.08	0.9	0.2	0.1	-0.1	0.2	-0.1	-0.1	-0.05	0.4	-0.001	1.750	0.09	7.21	1.09	-0.1	0.1
2420	0.09	0.15	1.52	0.32	2.9	36.2	3.9	9.26	4.0	0.7	0.2	-0.1	0.2	-0.1	-0.1	-0.05	-0.2	0.004	1.120	0.12	2.20	0.14	0.3	0.1
2421	-0.02	0.16	1.94	0.14	0.3	12.6	1.1	3.31	1.7	0.4	0.2	-0.1	0.3	-0.1	-0.1	-0.05	0.3	0.001	497	0.02	2.39	0.07	-0.1	0.1
2422	0.24	0.79	0.58	0.69	0.1	59.7	0.7	2.59	1.4	0.4	0.1	-0.1	0.4	-0.1	0.2	-0.05	0.2	0.003	22.6	0.11	2.54	0.39	0.7	0.2
2423	0.20	0.74	0.44	1.02	-0.1	44.7	1.8	4.47	2.0	0.5	0.2	-0.1	0.3	-0.1	0.2	-0.05	0.3	0.004	27.7	0.09	4.18	0.59	0.7	0.1
2424	0.10	0.99	0.82	1.30	0.2	46.7	3.1	8.16	3.9	0.8	0.3	0.1	0.3	-0.1	0.2	-0.05	0.4	0.019	9.7	0.11	5.98	0.79	1.0	0.2
2425	0.04	0.06	0.76	0.69	-0.1	8.3	8.8	18.3	8.3	1.7	0.7	0.3	0.7	0.1	-0.1	-0.05	-0.2	-0.001	47.9	0.06	5.54	0.55	-0.1	-0.1
2426	0.03	0.32	0.16	0.84	0.1	54.4	4.8	12.8	7.4	1.8	0.5	0.2	0.3	-0.1	-0.1	-0.05	-0.2	0.002	-0.2	0.08	2.42	0.31	1.1	-0.1
2427	0.09	0.49	0.13	1.38	-0.1	17.0	8.9	20.1	9.0	1.7	0.6	0.2	0.4	-0.1	0.1	-0.05	-0.2	0.001	-0.2	0.03	4.36	0.48	1.1	0.1
2428	0.02	0.16	0.14	0.39	-0.1	12.6	1.1	3.05	1.4	0.3	-0.1	-0.1	-0.1	-0.1	-0.1	-0.05	-0.2	0.001	-0.2	-0.02	2.19	0.17	-0.1	-0.1
2429	-0.02	0.07	0.46	0.06	0.1	8.2	0.8	2.25	0.9	0.2	0.1	-0.1	0.2	-0.1	-0.1	-0.05	0.2	-0.001	17.2	-0.02	0.57	0.03	-0.1	-0.1
2430	-0.02	0.05	0.33	0.12	0.1	9.9	2.0	4.30	2.1	0.5	0.2	-0.1	0.2	-0.1	-0.1	-0.05	0.2	0.002	12.4	0.18	2.34	0.06	-0.1	-0.1
2431	-0.02	0.06	0.29	0.34	0.1	15.7	1.4	2.91	0.9	0.2	-0.1	-0.1	-0.1	-0.1	-0.1	-0.05	1.6	0.002	8.6	0.74	6.17	0.26	-0.1	-0.1
2432	-0.02	0.07	1.13	1.34	0.3	6.0	2.0	4.53	2.3	0.5	0.3	-0.1	0.3	-0.1	-0.1	-0.05	1.3	-0.001	56.0	0.09	5.23	0.25	-0.1	-0.1
2433	-0.02	0.08	2.72	2.36	0.7	12.9	3.3	7.76	3.4	0.7	0.4	0.1	0.4	-0.1	-0.1	-0.05	0.4	-0.001	130	0.11	4.28	0.33	-0.1	-0.1
2434	-0.02	0.08	1.05	0.56	0.2	5.9	3.0	6.04	2.6	0.5	0.3	-0.1	0.3	-0.1	-0.1	-0.05	0.7	-0.001	50.6	0.10	5.80	0.17	-0.1	-0.1
2435	-0.02	0.12	1.83	2.17	0.4	11.3	5.8	12.0	5.3	0.9	0.4	0.1	0.4	-0.1	-0.1	-0.05	1.4	0.001	144	0.11	5.57	0.43	-0.1	-0.1
2436	-0.02	0.07	0.19	0.05	0.1	21.2	9.9	21.7	9.1	1.5	0.2	-0.1	-0.1	-0.1	0.1	-0.05	-0.2	0.001	-0.2	0.02	1.59	0.27	2.6	0.7
2437	-0.02	0.13	0.54	0.01	0.2	57.0	11.1	23.8	10.1	1.9	0.4	0.2	0.5	-0.1	0.4	-0.05	-0.2	-0.001	-0.2	0.07	1.96	0.16	8.0	3.0
2438	-0.02	0.15	0.79	0.08	0.2	54.9	14.5	32.1	13.5	2.3	0.5	0.2	0.7	0.1	0.6	-0.05	-0.2	0.001	10.8	0.04	3.34	1.12	19.0	7.7
2439	0.03	0.26	0.08	0.03	0.5	73.2	3.0	6.78	3.4	0.9	0.4	0.2	0.6	-0.1	0.1	-0.05	0.7	-0.001	-0.2	0.09	0.71	0.07	0.6	0.5
2440	0.02	0.09	0.18	0.86	-0.1	7.8	3.1	7.01	4.4	1.2	0.3	0.2	0.5	-0.1	0.1	-0.05	-0.2	0.004	11.3	0.03	6.75	1.32	0.2	-0.1
2441	0.04	0.19	0.28	0.84	0.4	17.0	3.3	7.98	4.5	1.0	0.3	0.1	0.3	-0.1	0.1	-0.05	-0.2	0.004	11.8	1.19	5.42	0.83	0.5	0.1
2442	0.02	0.23	0.19	1.02	0.7	28.4	2.3	5.51	3.3	0.8	0.3	0.2	0.6	-0.1	0.2	-0.05	-0.2	0.001	28.5	0.34	6.28	0.98	0.4	0.1
2443	-0.02	0.09	0.18	0.12	0.9	43.1	3.6	9.09	4.5	1.0	0.3	0.1	0.4	-0.1	-0.1	-0.05	-0.2	0.002	5.4	0.11	1.16	0.15	1.0	0.1
2444	0.05	0.14	1.06	0.62	0.3	20.3	23.7	50.6	38.7	10.4	4.0	1.4	1.1	0.1	0.1	-0.05	-0.2	0.003	2.7	0.58	15.0	0.80	0.2	-0.1
2445	-0.02	0.08	0.12	0.21	0.5	41.7	3.0	7.55	4.3	1.1	0.3	0.2	0.6	-0.1	-0.1	-0.05	-0.2	0.003	1.6	0.09	1.08	0.37	0.2	-0.1
2446	0.03	0.08	0.40	0.66	0.6	22.1	2.3	5.89	3.8	0.9	0.3	0.1	0.4	-0.1	-0.1	-0.05	-0.2	0.006	18.8	0.13	4.57	1.48	0.1	-0.1
2447	-0.02	-0.05	0.62	0.86	0.1	11.6	2.8	6.10	3.9	1.0	0.3	0.2	0.3	-0.1	-0.1	-0.05	-0.2	0.006	99.4	0.19	7.95	1.76	0.1	-0.1
2448	0.36	0.11	0.13	1.27	-0.1	11.1	1.4	3.17	1.1	0.2	-0.1	-0.1	-0.1	-0.1	-0.1	-0.05	-0.2	0.001	>10000	0.03	27.7	3.12	0.3	0.2
2449	0.46	0.12	0.18	0.63	-0.1	21.4	2.8	6.30	2.4	0.5	0.2	-0.1	0.1	-0.1	0.1	-0.05	-0.2	-0.001	>10000	0.02	17.0	2.26	0.7	0.2
2450	0.10	0.07	0.13	0.31	0.1	39.0	6.1	12.9	5.7	1.1	0.3	0.1	0.3	-0.1	0.2	-0.05	-0.2	0.001	>10000	0.03	6.17	0.91	2.2	0.4
2430 Pulp Dup	-0.02	-0.05	0.28	0.22	0.1	11.8	2.1	4.41	2.1	0.4	0.2	-0.1	0.2	-0.1	-0.1	-0.05	0.3	-0.001	18.2	0.18	2.45	0.07	-0.1	-0.1
2450 Pulp Dup	0.11	0.08	0.15	0.29	0.1	38.9	6.5	13.8	6.0	1.2	0.3	0.1	0.3	-0.1	0.2	-0.05	-0.2	0.001	>10000	0.03	6.32	0.96	2.3	0.5

Actlabs Ultratrace 1 Job #

Trace Element Values Are in

Values = 999999 are greater

Sample ID:

	In	Sn	Sb	Te	Cs	Ba	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Hf	Ta	W	Re	Au PPB	Tl	Pb	Bi	Th	U
Control Material GXR-6	0.06	0.46	1.63	0.04	3.6	912	9.9	29.5	10.2	2.0	0.5	0.3	0.7	-0.1	0.2	-0.05	-0.2	-0.001	79.1	1.87	88.3	0.14	3.5	0.7
Control Material GXR-2	0.04	0.50	26.5	0.68	4.4	1,240	19.1	42.5	16.8	3.1	0.6	0.4	0.8	0.1	-0.1	-0.05	-0.2	-0.001	-	0.69	574	0.27	4.5	1.5
Control Material GXR-1	0.64	9.46	57.2	10.9	2.9	353	3.3	8.91	5.3	1.9	0.5	0.6	1.9	0.3	0.1	-0.05	97.2	0.001	3,510	0.38	575	1,280	1.3	29.6
Control Material GXR-4	0.18	2.50	2.84	1.09	2.4	68.8	37.0	70.4	29.3	4.8	1.2	0.5	0.8	0.1	0.2	-0.05	8.7	0.189	555	2.96	38.5	18.7	15.3	4.4
Cert Data GXR-6	0.26	1.7	3.6	0.018	4.2	1,300	13.9	36	13	2.87	0.76	0.415	2.4	0.33	4.3	0.485	1.9	-	95	2.2	101	0.29	5.3	1.54
Cert Data GXR-2	0.252	1.7	49	0.69	5.2	2,240	25.6	51.4	19	3.5	0.81	0.48	2.04	0.27	8.3	0.9	1.9	-	36	1.03	690	0.69	8.8	2.9
Cert Data GXR-1	0.77	54	122	13	3	750	7.5	17	18	2.7	0.69	0.83	1.9	0.28	0.96	0.175	164	-	3,300	0.39	730	1,380	2.44	34.9
Cert Data GXR-4	0.27	5.6	4.8	0.97	2.8	1,640	64.5	102	45	6.6	1.63	0.36	1.6	0.17	6.3	0.79	30.8	-	470	3.2	52	19	22.5	6.2

**APPENDIX 2:
SAMPLE DESCRIPTION AND SELECTED BEST ANALYTICAL RESULTS**

Sample Description and Selected Best Analytical Results

Sample Id:	UTM Co-Ordinates		Ppm	Ppb	Ppm	Description
	Easting	Northing	As*	Au	Cu	
2401	511685	5183555	3.1	-0.2	95	Mafic vol., 2-3% py
2402	511692	5183554	1.2	-0.2	84	Quartz veined mafic vol. 2-3% py
2403	511700	5183549	0.5	-0.2	127	Mafic vol., 3-7% py
2404	510926	5184222	40.2	2.2	748.0	Iron Fm (IF), sil, gossan, 20% py locally
2405	510928	5184217	2.2	-0.2	316	IF, gossay, 5-10% py
2406	510937	5184217	19.7	-0.2	183.0	IF, gossay, 15-20% py
2407	510945	5184206	18.7	1.6	259.0	IF, 15-20% py, diss + MS, sil
2408	513930	5183520	40.8	4.8	166.0	Sheared quartz vein
2409	513930	5183520	15.6	-0.2	6.7	quartz vein (float)
2410	513930	5183520	81.6	15.6	217.0	Sheared, carb. Qv, no sulphides
2411	513952	5183499	35.4	-0.2	102.0	Carb. Quartzite, 2-3% diss py
2412	513952	5183499	161	-0.2	3.8	Same as 2411, trace py
2413	513157	5183135	8.7	4.3	25	Qv's (stockwork), 15-20% py
2414	511898	5183469	123	100	40.0	Iron Fm (IF), 15-20%
2415	511895	5183466	99.4	113	50.5	IF, 20-25% py, mt
2416	511893	5183466	> 10000	862	103.0	IF, 20-25% py, mt
2417	511895	5183466	3,770	509	236.0	IF, 20-25% py, locally
2418	511897	5183460	> 10000	3,180	293.0	IF, 20-25% py locally, white chert
2419	511901	5183464	> 10000	1,750	132.0	IF, 25-30% py, mt, white chert
2420	511901	5183462	2,250	1,120	58.8	IF, 25-35% diss py
2421	511904	5183465	460	497	28.3	IF, 10% diss. Py, py casts
2422	511077	5183920	54.2	22.6	210.0	IF, 5-10% py (locally), composite grab
2423	511077	5183920	56.2	27.7	79.1	IF (as 2422), 1m chip sample
2424	511074	5183916	149	9.7	317	IF, ms (25-35% py)
2425	511080	5183915	20.3	47.9	231.0	Float, cherty qtz, trace py
2426	511104	5183888	3.8	-0.2	229.0	Cherty IF, po, mt, py (10-15%), tr epy
2427	511107	5183892	42.7	-0.2	225.0	Cherty IF, 5-10% po, py, mt
2428	511119	5183869	6.2	-0.2	308.0	IF, 15-20% cubic py, cherty
2429	512398	5183166	7.3	17.2	55.9	Mafic volcanic
2430	512401	5183164	10.4	12.4	79.9	IF, minor py
2430 Dup			8.9	18.2	76.9	
2431	512399	5183162	10.6	8.6	172.0	Float, IF, 15-20% py locally
2432	512399	5183162	1,130	56.0	61.0	same as 2431
2433	512399	5183162	2,190	130	62.7	Float, IF, 5-10% py
2434	512400	5183161	167	50.6	82.7	Float, IF, 10-15% py
2435	512399	5183162	2,400	144	75.8	Float, IF, 5-10% py
2436	512620	5183845	21.5	-0.2	9.9	Pink Quartzite
2437	512580	5183839	30.2	-0.2	639.0	Quartzite with 6 mm splash of epy
2438	512576	5183863	76.3	10.8	160.0	Arkose quartzite with 2-4% py
2439	512529	5183905	0.8	-0.2	9.3	Boulder (breccia?)
2440	511013	5184283	-0.1	11.3	2,850	Mm. sheared vol., 5% po
2441	511012	5184287	8.5	11.8	2,440.0	as above (float), 10-15% py, epy
2442	511012	5184281	23.8	28.5	839.0	Mm. sheared vol., ms (py pod)
2443	511011	5184285	0.2	5.4	343.0	Mm. sheared vol., 5-10% diss py
2444	511011	5184284	-0.1	2.7	861.0	Mm. sheared vol., 30-35% py
2445	511011	5184284	64.0	1.6	431.0	Mm. sheared vol., 15-20% py
2446	511014	5184288	133	18.8	1,210.0	Mm. sheared vol., < 40% py
2447	511014	5184288	94.4	99.4	764.0	Mm. sheared vol., < 40% py

MAPS

Map 1: Historical Exploration Work

Map 2: Geology

Work Report Summary

Transaction No: W0470.00124 Status: APPROVED (D)
 Recording Date: 2004-JAN-19 Work Done from: 2003-MAY-29
 Approval Date: 2004-APR-18 to: 2003-JUN-13

Client(s):
 116945 CHAMPION BEAR RESOURCES LTD.



Survey Type(s): ASSAY GEOL 41I15SW2069 2.27046 AYLMER

900

Work Report Details:

Claim#	Perform	Perform Approve	Applied	Applied Approve	Assign	Assign Approve	Reserve	Reserve Approve	Due Date
S 648539	\$1,451	\$1,451	\$430	\$430	\$1,021	1,021	\$0	\$0	2007-MAR-04
S 648540	\$1,451	\$1,451	\$430	\$430	\$1,021	1,021	\$0	\$0	2007-MAR-04
S 648547	\$0	\$0	\$430	\$430	\$0	0	\$0	\$0	2007-MAR-04
S 648548	\$0	\$0	\$430	\$430	\$0	0	\$0	\$0	2007-MAR-04
S 648699	\$0	\$0	\$430	\$430	\$0	0	\$0	\$0	2007-MAR-04
S 648700	\$1,451	\$1,451	\$430	\$430	\$1,021	1,021	\$0	\$0	2007-MAR-04
S 682108	\$0	\$0	\$430	\$430	\$0	0	\$0	\$0	2007-MAR-14
S 682109	\$0	\$0	\$430	\$430	\$0	0	\$0	\$0	2007-MAR-14
S 682110	\$1,451	\$1,451	\$430	\$430	\$1,021	1,021	\$0	\$0	2007-MAR-14
S 682111	\$1,451	\$1,451	\$430	\$430	\$1,021	1,021	\$0	\$0	2007-MAR-14
S 682112	\$1,451	\$1,451	\$430	\$430	\$1,021	1,021	\$0	\$0	2007-MAR-14
S 682113	\$1,451	\$1,451	\$430	\$430	\$1,021	1,021	\$0	\$0	2007-MAR-14
S 682278	\$0	\$0	\$430	\$430	\$0	0	\$0	\$0	2007-MAR-14
S 682279	\$1,451	\$1,451	\$430	\$430	\$1,021	1,021	\$0	\$0	2007-MAR-14
S 682280	\$0	\$0	\$430	\$430	\$0	0	\$0	\$0	2007-MAR-14
S 682281	\$1,452	\$1,452	\$430	\$430	\$1,022	1,022	\$0	\$0	2007-MAR-14
S 682282	\$1,452	\$1,452	\$430	\$430	\$1,022	1,022	\$0	\$0	2007-MAR-14
S 682283	\$1,451	\$1,451	\$430	\$430	\$1,021	1,021	\$0	\$0	2007-MAR-14
S 682284	\$1,451	\$1,451	\$430	\$430	\$1,021	1,021	\$0	\$0	2007-MAR-14
S 894924	\$0	\$0	\$430	\$430	\$0	0	\$0	\$0	2007-JUN-12
S 894925	\$0	\$0	\$430	\$430	\$0	0	\$0	\$0	2007-JUN-12
S 994723	\$0	\$0	\$430	\$430	\$0	0	\$0	\$0	2007-DEC-23
S 994724	\$0	\$0	\$430	\$430	\$0	0	\$0	\$0	2007-DEC-23
S 994725	\$0	\$0	\$430	\$430	\$0	0	\$0	\$0	2007-DEC-23
S 994726	\$0	\$0	\$430	\$430	\$0	0	\$0	\$0	2007-DEC-23
S 1013217	\$0	\$0	\$430	\$430	\$0	0	\$0	\$0	2007-JAN-26
S 1013393	\$0	\$0	\$430	\$430	\$0	0	\$0	\$0	2007-JAN-26
S 1013395	\$0	\$0	\$430	\$430	\$0	0	\$0	\$0	2007-JAN-26
S 1013396	\$0	\$0	\$430	\$430	\$0	0	\$0	\$0	2007-JAN-26
S 1042958	\$0	\$0	\$430	\$430	\$0	0	\$0	\$0	2007-DEC-12
S 1042959	\$0	\$0	\$430	\$430	\$0	0	\$0	\$0	2007-DEC-12
S 1042960	\$0	\$0	\$430	\$430	\$0	0	\$0	\$0	2007-DEC-12
S 1043292	\$0	\$0	\$430	\$430	\$0	0	\$0	\$0	2007-JAN-26
S 1043293	\$0	\$0	\$430	\$430	\$0	0	\$0	\$0	2007-JAN-26
S 1043294	\$0	\$0	\$430	\$430	\$0	0	\$0	\$0	2007-JAN-26

Date: 2004-MAY-04

GEOSCIENCE ASSESSMENT OFFICE
933 RAMSEY LAKE ROAD, 6th FLOOR
SUDBURY, ONTARIO
P3E 6B5

Tel: (888) 415-9845
Fax: (877) 670-1555

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

Submission Number: 2.27046
Transaction Number(s): W0470.00124

Dear Sir or Madam

Subject: Deemed Approval of Assessment Work

We have approved your Assessment Work Submission with the above noted Transaction Number(s) as per 6(7) of the Assessment Work Regulation. Only eligible assessment work is deemed approved for assessment work credit. The attached Work Report Summary indicates the results of the approval.

NOTE: The report has not been reviewed for technical deficiencies and reported expenses were not evaluated based on the Industry Standard.

At the discretion of the Ministry, the assessment work performed on the mining lands noted in this work report may be subject to inspection and/or investigation at any time.

If you have any question regarding this correspondence, please contact STEVEN BENETEAU by email at steve.beneteau@ndm.gov.on.ca or by phone at (705) 670-5855.

Yours Sincerely,



Ron C. Gashinski
Senior Manager, Mining Lands Section

Cc: Resident Geologist

Champion Bear Resources Ltd.
(Claim Holder)

Joe Hinzer
(Agent)

Assessment File Library

Champion Bear Resources Ltd.
(Assessment Office)



41I15SW2069 2.27046 AYLME

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ONTARIO CANADA

MINISTRY OF NORTHERN DEVELOPMENT AND MINES
PROVINCIAL MINING RECORDERS' OFFICE

Mining Land Tenure Map

Date / Time of Issue: Tue Jun 08 09:13:12 EDT 2004

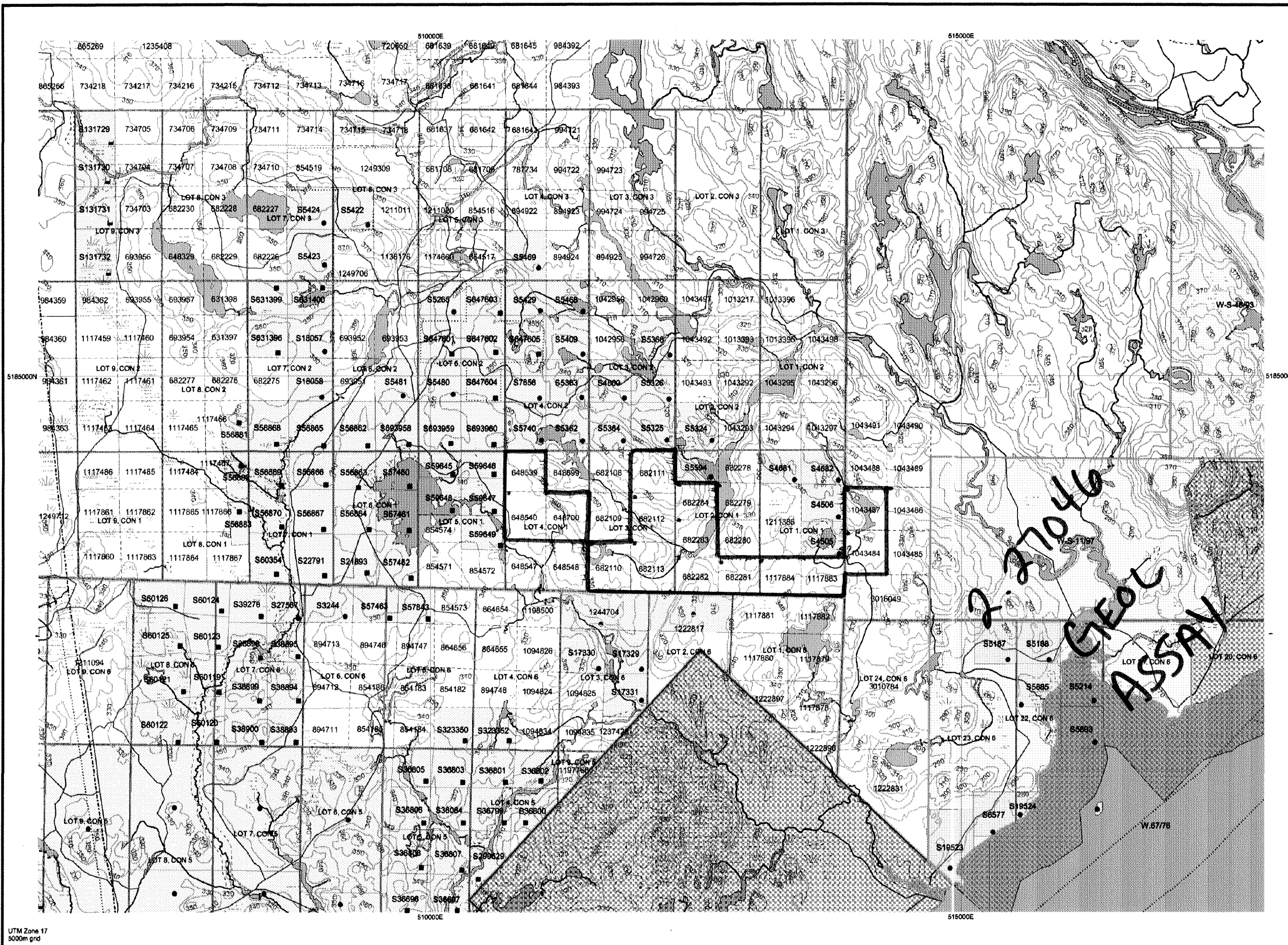
TOWNSHIP / AREA
PARKIN

PLAN
G-2915

ADMINISTRATIVE DISTRICTS / DIVISIONS

Mining Division
Land Titles/Registry Division
Ministry of Natural Resources District

Sudbury
SUDBURY
SUDBURY

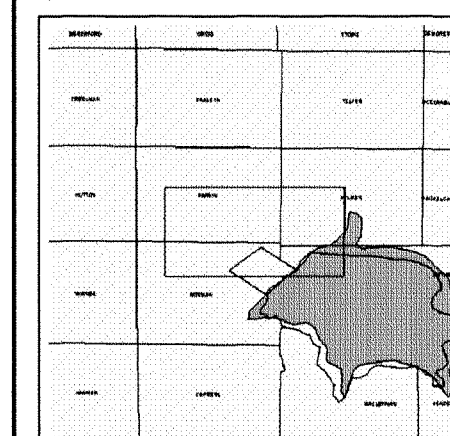


TOPOGRAPHIC

- Administrative Boundaries
- Township
- Concession, Lot
- Provincial Park
- Indian Reserve
- Cliff, Pt & Pile
- Contour
- Mine Shafts
- Mine Headframe
- Railway
- Road
- Trail
- Natural Gas Pipeline
- Utilities
- Tower

Land Tenure

- Freehold Patent**
 - Surface And Mining Rights
 - Surface Rights Only
 - Mining Rights Only
- Leasehold Patent**
 - Surface And Mining Rights
 - Surface Rights Only
 - Mining Rights Only
- Licence of Occupation**
 - Uses Not Specified
 - Surface And Mining Rights
 - Surface Rights Only
 - Mining Rights Only
 - Land Use Permit
 - Order In Council (Not open for staking)
 - Water Power Lease Agreement



- LAND TENURE WITHDRAWALS**
- Mining Claim
- Filled Only Mining Claims
- 1234** Areas Withdrawn from Disposition
- Mining Acts Withdrawal Types**
 - Wsm Surface And Mining Rights Withdrawn
 - Ws Surface Rights Only Withdrawn
 - Wm Mining Rights Only Withdrawn
 - Order In Council Withdrawal Types
 - Wsm Surface And Mining Rights Withdrawn
 - Ws Surface Rights Only Withdrawn
 - Wm Mining Rights Only Withdrawn
- No** IMPORTANT NOTICES



LAND TENURE WITHDRAWAL DESCRIPTIONS

Identifier	Type	Date	Description
A.P. 108326	Agg permit	May 7, 2003	Category 11 Aggregate Permit #108326 - Bedrock Aggregate Resou
W-8-11/97	Wsm	Apr 17, 1997	EXPLORATORY LICENSE OF OCCUPATION 14927 SEC.36 W-8-11/17/97 S&M 195150
W-S-46/93	Wsm	Jul 28, 1993	WITHDRAWAL W-S-46/93 28/07/93 S&M 195150
W.67/76	Wm	Jan 1, 1980	SEC.36/80 W.67/76 17/11/76 MRO 7598 vol.9 Mining rights of the land under the waters of Wanapit Lake are WITHDRAWN from staking under Sec 43 of the mining act order no. 67/76 dated Nov. 17/76 Fil v.9

Those wishing to stake mining claims should consult with the Provincial Mining Recorders' Office of the Ministry of Northern Development and Mines for additional information on the status of the lands shown hereon. This map is not intended for navigational, survey, or land title determination purposes as the information shown on this map is compiled from various sources. Completeness and accuracy are not guaranteed. Additional information may also be obtained through the local Land Titles or Registry Office, or the Ministry of Natural Resources.

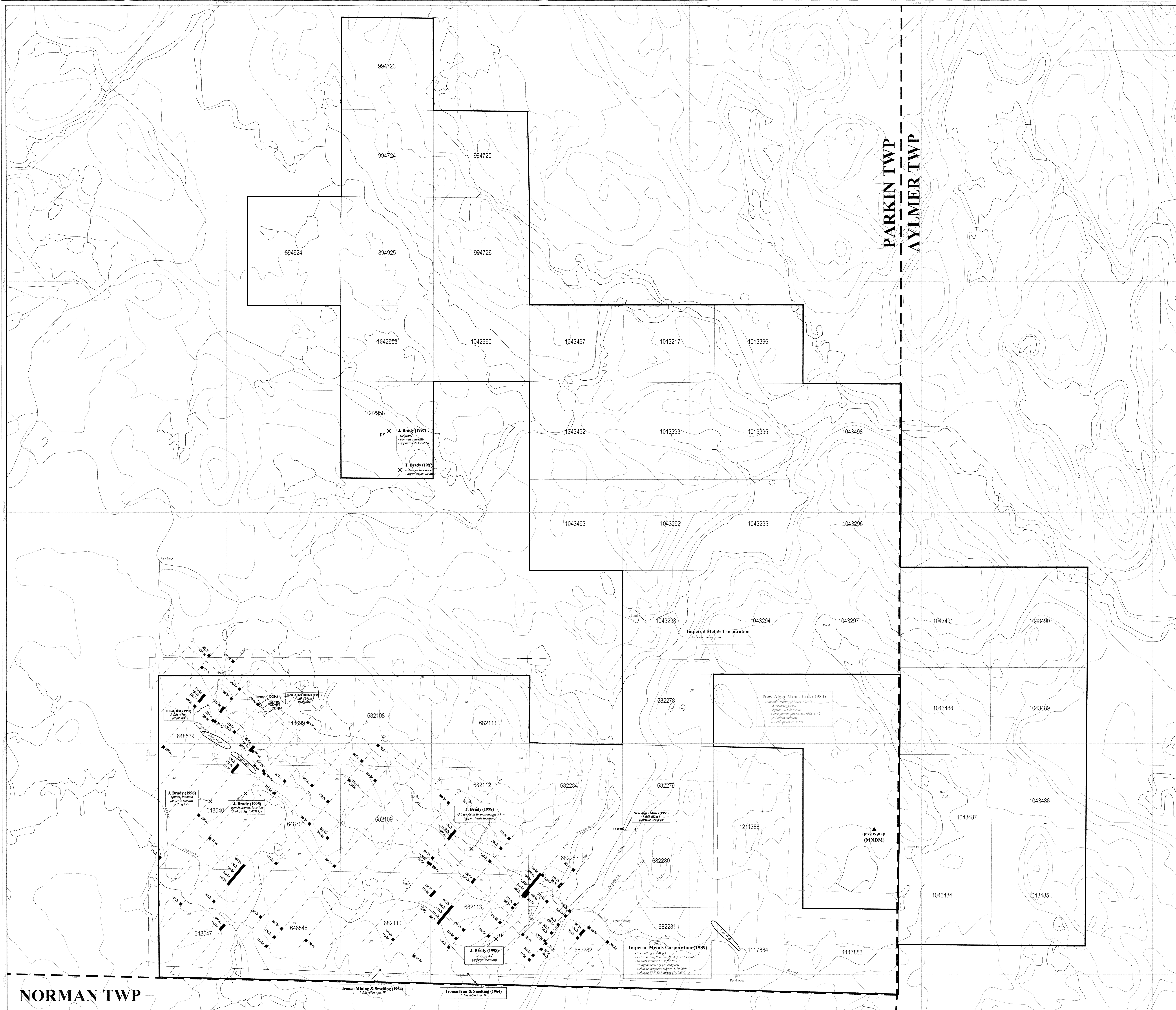
The information shown is derived from digital data available in the Provincial Mining Recorders' Office at the time of downloading from the Ministry of Northern Development and Mines web site.

General Information and Limitations
 Contact Information:
 Provincial Mining Recorders' Office
 Willet Green Miller Centre 933 Ramsey Lake Road
 Sudbury ON P3E 6B5
 Home Page: www.mdm.gov.on.ca/MNDM/MINES/LANDS/misnmpge.htm

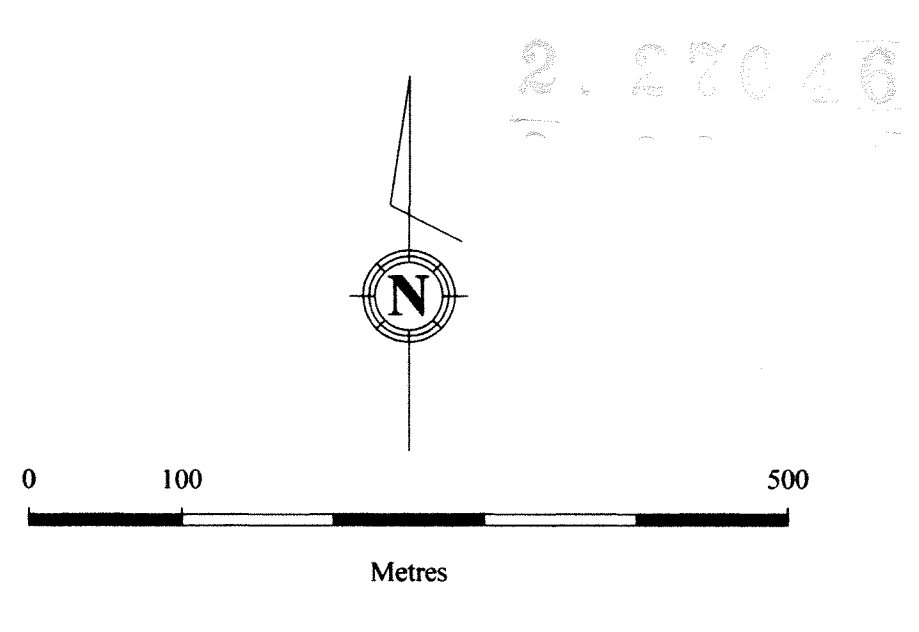
Toll Free
 Tel: 1 (888) 415-9845 ext 577
 Fax: 1 (877) 670-1444

Map Datum: NAD 83
 Projection: UTM (8 degree)
 Topographic Data Source: Land Information Ontario
 Mining Land Tenure Source: Provincial Mining Recorders' Office

This map may not show unregistered land tenure and interests in land including certain patents, leases, easements, right of ways, flooding rights, licences, or other forms of disposition of rights and interest from the Crown. Also certain land tenure and land uses that restrict or prohibit free entry to make mining claims may not be illustrated.



- Legend:**
- 250m Contour
 - Drill Hole Location
 - Magnetic anomaly
 - Trench
 - Mineral Occurrence (MNDM)
 - Mineral Abandoning
 - Spec Elevations (m.)
 - Pyrite
 - Magnetite
 - Pyrite
 - Chalkcaprite
 - Amesburyite
 - Quartz-Carbonate Vein
 - Iron Formation



CHAMPION BEAR RESOURCES LTD.

HALCYON PROPERTY
Parkin and Aylmer Twp., Sudbury Mining District, Ontario

HISTORICAL EXPLORATION WORK
Map 1.

DATE: WCM	DATE: 1 of 1	SCALE: 1:5000
DRAWN: WCM	DATE: December 12, 2003	MAP DATA: NAD83, Zone 17
PROJ CODE: CBA-HAL	FILENAME: CBA EXP - Halcyon - HAL_Halcyon_Work_Comp.dwg (HAL_01)	

NORMAN TWP

Ironco Mining & Smelting (1964)
1 ddb (10m) x 100 ft

Imperial Metals Corporation (1989)
- 100% owned by IMC
- 100% owned by IMC
- 100% owned by IMC
- 100% owned by IMC
- 100% owned by IMC

New Alger Mines Ltd. (1953)
- 100% owned by NAL
- 100% owned by NAL
- 100% owned by NAL
- 100% owned by NAL
- 100% owned by NAL

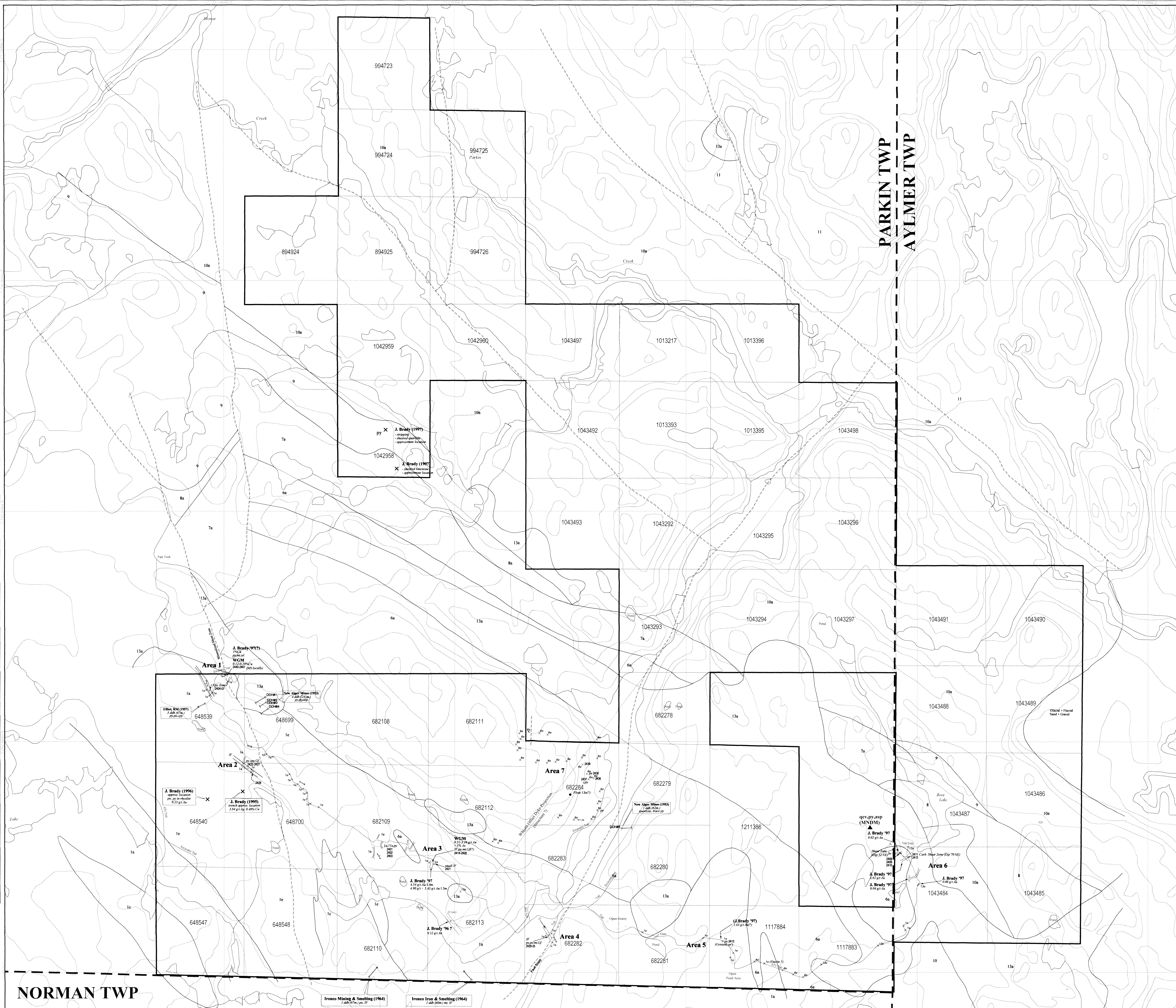
J. Brady (1997)
- 100% owned by JB
- 100% owned by JB
- 100% owned by JB
- 100% owned by JB
- 100% owned by JB

J. Brady (1998)
- 100% owned by JB
- 100% owned by JB
- 100% owned by JB
- 100% owned by JB
- 100% owned by JB

J. Brady (1996)
- 100% owned by JB
- 100% owned by JB
- 100% owned by JB
- 100% owned by JB
- 100% owned by JB

J. Brady (1995)
- 100% owned by JB
- 100% owned by JB
- 100% owned by JB
- 100% owned by JB
- 100% owned by JB

210



Legend:

GENEOSIS
PLEISTOCENE AND RECENT
 Sand, gravel, silt
 UNCONFORMITY

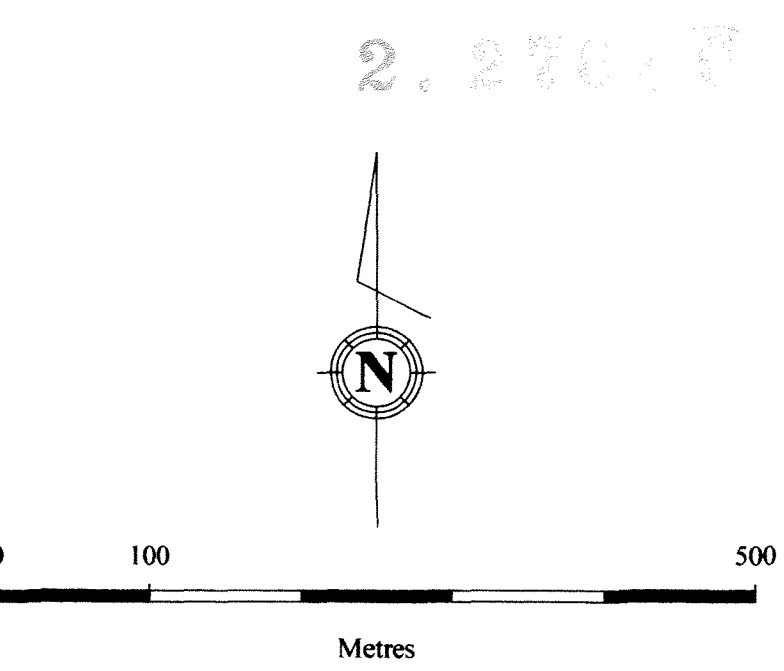
PRECAMBRIAN
LATE PRECAMBRIAN INTRUSIVE ROCKS
 13 Olivine diabase
 UNCONFORMITY
NICKEL IRRUPTIVE
 14 Quartz diorite (Parks Offsite)
 UNCONFORMITY
INTRUSIVE ROCKS
 11 Quartz diorite (Gibbels)
 12 Diorite

INTRUSIVE CONTACT

HURONIAN METASEDIMENTS
UNCLASSIFIED HURONIAN
 10a Quartzite
COBALT GROUP
 11a Quartzite
 11b Gneiss
 11c Gneiss
BRUCE GROUP
 9a Quartzite
 9b Gneiss
 8a Limestone and marly limestone
 8b Limestone
 7a Conglomerate
 7b Sandstone
 7c Sandstone
MISSISSAUGA FORMATION
 6a Middle Mississauga
 6b Lower Mississauga
 6c Lower Mississauga
 3a Quartzite
 3b Radiolarite
 3c Radiolarite
UNCONFORMITY, FAULTED CONTACT

PRE-HURONIAN ROCKS
 1a Iron Formation
 2a Metagabbro
 2b Metachert
INTRUSIVE CONTACT
GRANITIC ROCKS
 1a Pink granite
 1b Granite
 1c Granite
 1d Granite
 1e Granite
 1f Granite
 1g Granite
 1h Granite
 1i Granite
INTRUSIVE CONTACT
METAVOLCANICS
 1a Massive mafic metavolcanics
 1b Flow breccia
 1c Flow breccia
 1d Flow breccia
 1e Flow breccia
 1f Flow breccia
 1g Flow breccia
 1h Flow breccia
 1i Flow breccia
 1j Flow breccia
 1k Flow breccia
 1l Flow breccia
 1m Flow breccia
 1n Flow breccia
 1o Flow breccia
 1p Flow breccia
 1q Flow breccia
 1r Flow breccia
 1s Flow breccia
 1t Flow breccia
 1u Flow breccia
 1v Flow breccia
 1w Flow breccia
 1x Flow breccia
 1y Flow breccia
 1z Flow breccia
Symbols:
 Geological boundary, observed position
 Interpreted
 Interpretation
 Small bedrock outcrop
 Fault
 Mineral occurrence (MNDM)
 Mineral showing
 Drill hole location

1a	Pyrite	13a	Amphibole
1b	Pyrite	13b	Amphibole
1c	Pyrite	13c	Amphibole
1d	Pyrite	13d	Amphibole
1e	Pyrite	13e	Amphibole
1f	Pyrite	13f	Amphibole
1g	Pyrite	13g	Amphibole
1h	Pyrite	13h	Amphibole
1i	Pyrite	13i	Amphibole
1j	Pyrite	13j	Amphibole
1k	Pyrite	13k	Amphibole
1l	Pyrite	13l	Amphibole
1m	Pyrite	13m	Amphibole
1n	Pyrite	13n	Amphibole
1o	Pyrite	13o	Amphibole
1p	Pyrite	13p	Amphibole
1q	Pyrite	13q	Amphibole
1r	Pyrite	13r	Amphibole
1s	Pyrite	13s	Amphibole
1t	Pyrite	13t	Amphibole
1u	Pyrite	13u	Amphibole
1v	Pyrite	13v	Amphibole
1w	Pyrite	13w	Amphibole
1x	Pyrite	13x	Amphibole
1y	Pyrite	13y	Amphibole
1z	Pyrite	13z	Amphibole



CHAMPION BEAR RESOURCES LTD.
HALCYON PROPERTY
 Parks and Ashwin Twp., Sudbury Mining District, Ontario
RECONNAISSANCE GEOLOGY MAP
 Map 2

WORK	WCM	DATE	1 of 1	SCALE	1:5000
PROJECT	WCM	DATE	December 12, 2003	MAP SHEET	NAD83, Zone 17
FILE	CBA HAL	FILENAME	CBA EXP 1 Halcyon 1 HAL_02_Geol_Comp.dwg (HAL 9)		

NORMAN TWP

Ironco Mining & Smelting (1964)
 Ironco Iron & Smelting (1964)

Ironco, Chiboumou and MNDM