SUMMARY REPORT

ON THE

INTEGRATED MINERAL EXPLORATION PROGRAM

CONDUCTED JUNE 15TH - OCTOBER 31, 1988

AND

PROPOSED MINERAL EXPLORATION PROGRAM & BUDGET

ON THE

HELDER LAKE PROJECT

KENORA MINING DIVISION, ONTARIO

PREPARED FOR

CHAMPION BEAR RESOURCES LTD.

BY

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INDEPENDENT EXPLORATION SERVICES LTD.

NOVEMBER 10, 1988

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1.1 GENERAL OBSERVATIONS

SUMMARY

1). Mechanisms for ore deposition have been active in the Separation Lake metavolcanic-metasedimentary belt as demonstrated by the Au occurrences at Helder Lake and One Man Lake.

2). The mineralizing event is wide spread or more than one mineralizing events have taken place. The Helder Lake occurrence and One Man Lake occurrence are approximately 38 km. apart.

3). Gold mineralization is intimately related to arsenopyrite mineralization. Arsenopyrite mineralization has been noted to be wide spread within the iron formation and pervades surrounding metavolcanic rocks in several areas.

4). The chert-magnetite iron formation unit is an excellent host for gold mineralization.

a). the unit is brittle and competent and being enclosed in incompetent schistose volcanics it forms excellent channel-ways for mineralizing fluids to travel.

b). gold mineralization has a chemical affinity for chert-magnetite.

5). The geological and geophysical surveys have indicated excellent potential for gold and/or base metal mineralization.

Comments

Gold mineralization has been noted to occur in two separate locations in the Separation Lake metavolcanics-metasedimentary belt, namely:

1). Helder Lake Occurrence

2). One Man Lake Occurence.

1). Helder Lake

Gold mineralization occurs within an altered chert-magnetite iron formation horizon. Quartz, quartz-biotite, along with minor arsenopyrite, pyrite, pyrrhotite and chalcopyrite occur as replacements of chert and magnetite. The iron formation had undergone earlier tectonic deformation as evidenced by strong foliation and folio-folding. Shearing has been developed parallel to and along original planes. Replacement mineralization is largely along foliation planes but does occur as crosscutting fractures generally at a low angle to foliation. The magnetite possibly served as a chemical trap for mineralizing fluids.

Geochemical analysis indicate a direct positive relationship between gold values and arsenopyrite content of the rock.

Geochemical analysis indicate that gold mineralization is not of economic grade but are definitely of interest. Sporadic geochemical analysis have returned values as high as 16,000 ppb Au.

Arsenopyrite - occurs as fine disseminated needles in quartz and massive crystalline form along foliation and in fracture.

Pyrite - occurs as semi-massive to massive crystalline form in sharp content with the overlaying amphibolite minor disseminated pyrite occurs below along with the arsenopyrite in quartz.

Exploration to date has provided strong evidence to support the theory that the property has excellent possibility for hosting economic gold deposits.

Conditions for creating gold deposits are:

1). a source of gold or gold bearing fluids.

2). a media or channel ways for solutions to travel.

3). some form of structural and/or geochemical traps to receive and cause gold deposition an accumulate.

These conditions have been discovered to have existed in the area.

1). An active gold bearing hydrothermal system has deposited subeconomic gold mineralization in structurally uncomplicated rocks in the Helder Lake area.

2). The relatively thin competent iron formation unit sandwiched in incompetent schistose amphibolites provides excellent channel ways for hydrothermal fluids to travel.

3). Geophysical and geological investigations have outlined several structurally complex areas deemed favourable for forming traps and hosting economic gold mineralization.

semi-massive mineralization is generally narrow 10cm to 30cm in width and appears to pinch and swell along with the schist zone.

The rock and mineralization is similar to the Helder Lake occurrence and may well be a replacement of chert magnetite iron formation. It is possible that the One Man Lake and Helder Lake occurrences are tied in stratigraphically and may be related by the same mineralizing event.

The shear zone hosting the mineralization is strong. The zone appears to pinch out to the west of the occurrence but is opened and has not been explored to the east where it strikes towards the main portion of the Separation Lake metavolcanic-metasedimentary belt.

Recent exploration and development along iron formation in N.W. Ontario has resulted in a number of discoveries of economic gold deposits. Some of these deposits include Placer Dome's Dona Lake Mine and Musselwhite Prospects, Bond Gold Canada (formerly St. Joe Exploration) and Gold Patricia Mine. Numerous other occurrences and prospects have resulted under continuing exploration.

Success in this area can be attributed to persistent exploration along iron formations which are anomalously high in gold. The deposits are not continuous but are localized by structural and/or chemical traps.

The exposure of the mineralization zone at Helder Lake is probably a fortuitions freak rather than a situation to be expected.

The areas of greatest accumulation of sulfides are more apt to be eroded by glaciations and covered by glacial debris, swamps and lakes. Geological mapping supports this claim. Where geophysical data indicates complicated folding, faulting and/or shearing outcrop area is scanty and located along margins of anomalous areas.

The gold bearing iron formation enriched in sulfides weathers readily and crumbles.

The Helder Lake occurrence itself is probably a subeconomic "teaser".

One Man Lake

The One Man Lake occurrence consists of semi-massive to massive gold bearing arsenopyrite, sphalerite along with minor pyrite; chalcopyrite and magnetite hosted in a relatively narrow mafic schist. Granitic rocks encompass the schist zone which varies in thickness from 10 -20 meters.

The schist zone is known to continue over a strike length of 1400 meters and is open to the east. Large portions of this shear zone are covered by overburden or water. Chip samples returned gold values ranging from 20 ppb to 4830 ppb. Chip samples returned gold values over a strike length of 800 meters. The

The Separation Lake iron formation is anomalously high in gold and the deposit at Helder Lake appears to be subeconomic. The significance is that a gold bearing hydrothermal system has been at work and the possibilities of other deposits occurring along this horizon are considered to be excellent.

The Separation Lake metavolcanic belt is vertually virgin territory. Limited prospecting and exploration have been conducted in the belt. The major thrust of exploration was in the late 1940's to the late 1950's where the iron formation was tested for potential iron deposits. Records show no analysis or assaying was carried out for gold.

1.2 CONCLUSIONS

1). An ordely, systematic mineral exploration program has been conducted in the Helder Lake area. Work to date has down graded several areas and enhanced others as to potential of hosting gold and/or base metals mineralization. A number of excellent target areas have been selected. The next logical step is to test these areas by diamond drilling. Geological investigations have resulted in staking an interesting and promising Au-Zn mineral occurrence at One Man Lake.

2). Geophysical and geological mapping have traced the potentially gold bearing iron formation horizon over a total strike length of approximately 16 km. If the One Man Lake occurrence is a part of the same unit the strike length is considerably larger.

3). The I.F. unit is generally linear with minor observed distortions. The unit is not continuous but is boudinaged. General major distortions are evident. The I.F. unit is offset by S and Z type folding and faulting along its length.

4). Selection of favourable targets for further testing by diamond drilling is based on:

   a). obvious observed alteration and mineralized zones at Helder Lake and One Man Lake.

   b). areas of folding, faulting, shearing and alteration along cross cutting or near the favourable iron formation.

c). change in characteristics of mineralization as indicated by geophysical pattern ie. a drop in magnetic intersections may signify hydrothermal alteration and sulfidization of the chert-magnetite iron formation.

Selection of favourable areas for further evidence:

1). obvious observed mineralized zones at

a). Helder Lake

b). One Man Lake.

2). areas of faulting and folding, shearing and alteration along or near the iron formation.

3). change in characteristic in mineralization as indicated in changes in magnetic patterns probably indicates areas of sulfidization of the iron formation.

5). Four areas have been selected as high priority targets for testing by diamond drilling. Three of the high priority areas are in the Helder Lake area between lines 100+00E to 170+00E. The fourth area of high priority is One Man Lake. The areas are (see airborne EM plans 2 & 2a):

A). the area of the known hydrothermal alteration and mineralization between lines 100+00E and 113+00E.

B). the area of complex and multiple trend conductors between lines 123+00E and 135+00E.

C). the area of complex S fold structures to the east of Helder Lake between lines 150+00E to 170+00E. The area

has complex folding, shearing, faulting, alteration and wide spread aspy mineralization.

One Man Lake area - the strongest mineralization has been observed at this locale. The observed structure is strong and has at least 1400 meters strike length. Most of the zone is covered by overburden and water. The structure can be traced by geophysics and should be tested by short diamond drill holes.

Second Priority Targets

D). Bass Lake area - separate grid approximately 10 km east of Helder Lake

E). groups of anomalies in limbs of Z fold area between lines 63+00E and 75+00E

F). groups of anomalies in limbs of S fold area between line 30+00E and 50+00E

G). structural break located between lines 15+00E and 25+00E.

1.3 RECOMMENDATIONS

1). Fill in grid lines and geophysics should be conducted over key areas where presence of water precluded coverage during the summer program. Some X lines should be established over the Helder-E S fold area to define the exact location of the limbs.

2). The One Man Lake occurrence should be gridded and covered by ground geophysics in preparation for diamond drilling.

3). Diamond drilling is recommended to test favourable target areas. The area covered by this program is large. A diamond drill program of 30,000 feet is not excessive and is highly recommended on the following areas.

Area A - Known mineral occurrence. Priority A 6 - 8 holes	2,500 feet
Area B - (Priority A) 6 - 15 holes	5,000 feet
Area C - S fold Area (Priority A) 30 35 holes	10,000 feet
One Man Lake (Priority A) 10 - 15 holes	5,000 feet
Area D - Bass Lake (Priority B) 4 - 5 holes	1,500 feet
Areas E, F & G (Priority B) 15 - 20 holes	6,000 feet
TOTAL	30,000 feet

Respestfully submitted

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President

GEOLOGICAL ASSOCIATION OF CANADA
L. C. CHASTKO
FELLOW

PROVINCE OF MANITOBA
L. C. CHASTKO

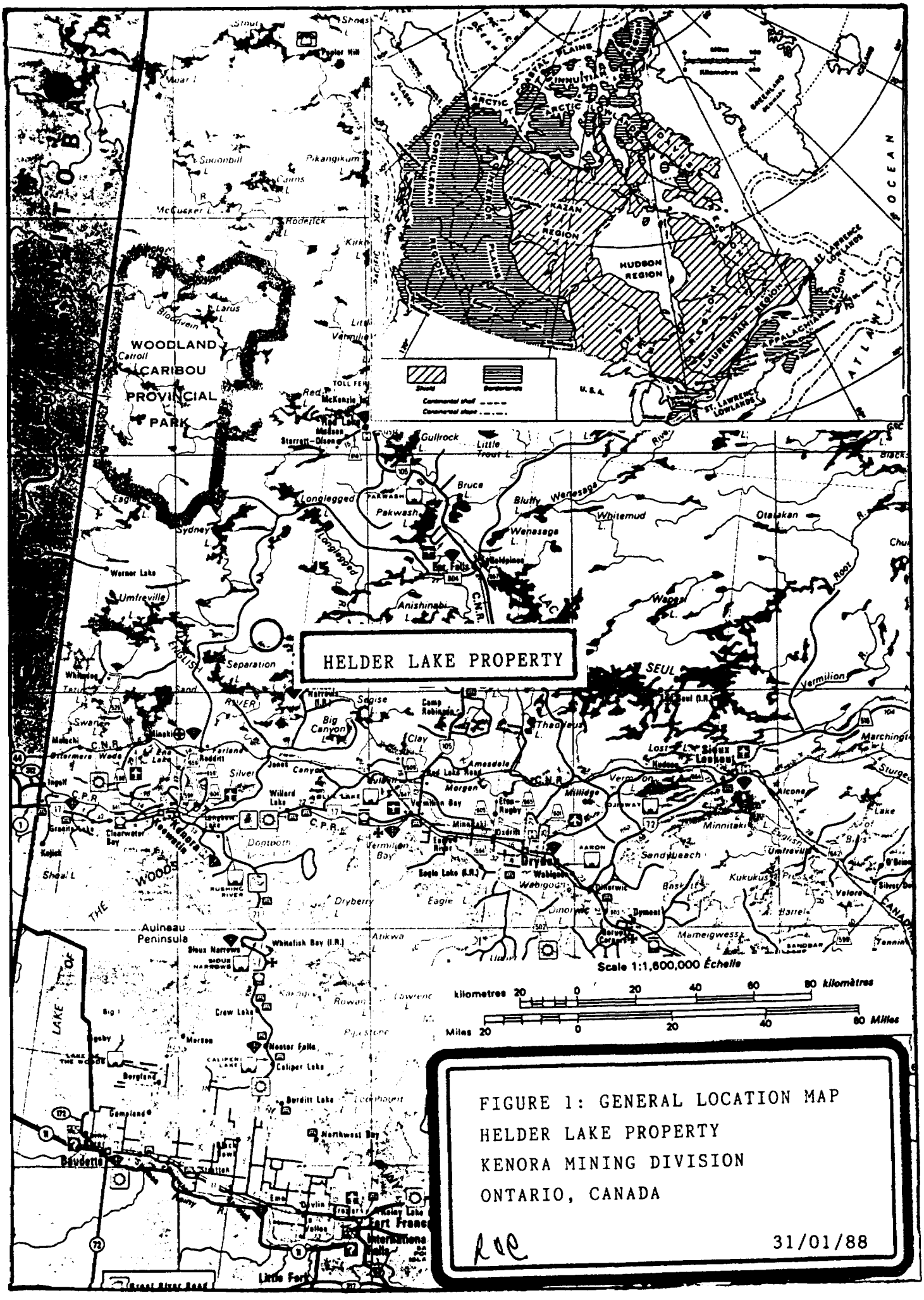
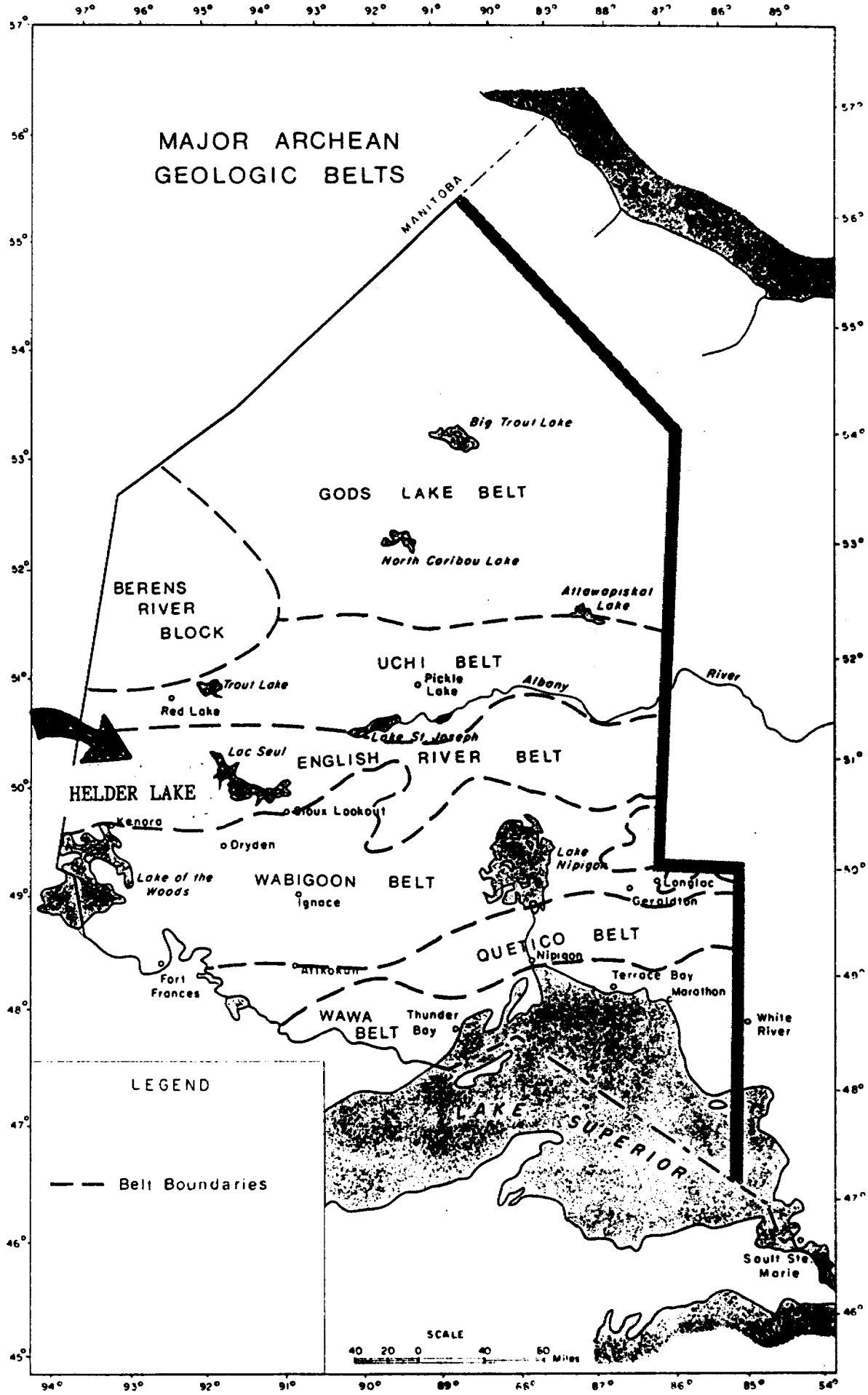


FIGURE 1: GENERAL LOCATION MAP
HELDER LAKE PROPERTY
KENORA MINING DIVISION
ONTARIO, CANADA

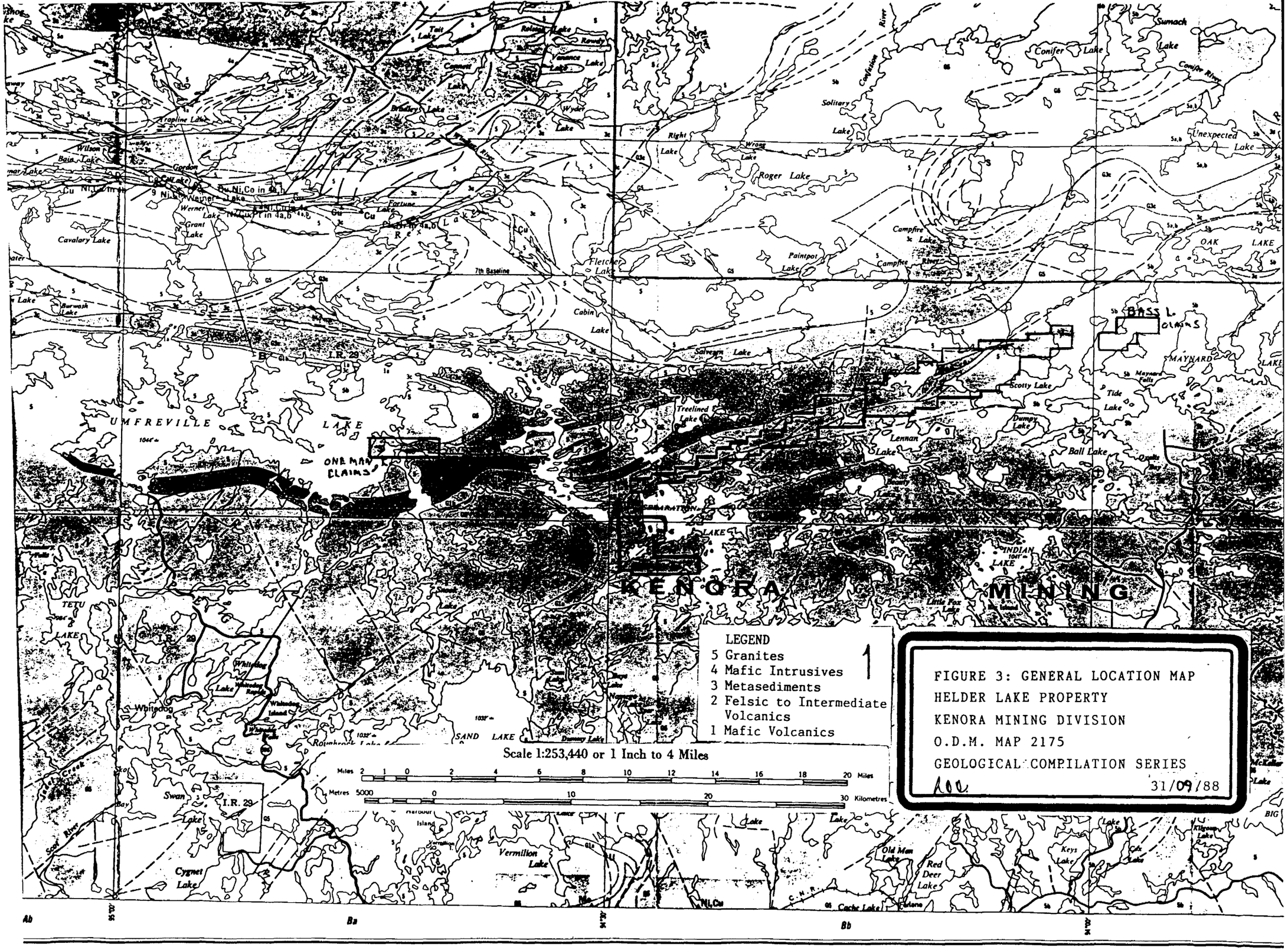
31/01/88



Source – "Mineral Exploration Targets in Northwestern Ontario"

2

FIGURE 1



LEGEND

5 Granites
4 Mafic Intrusives
3 Metasediments
2 Felsic to Intermediate Volcanics
1 Mafic Volcanics

1

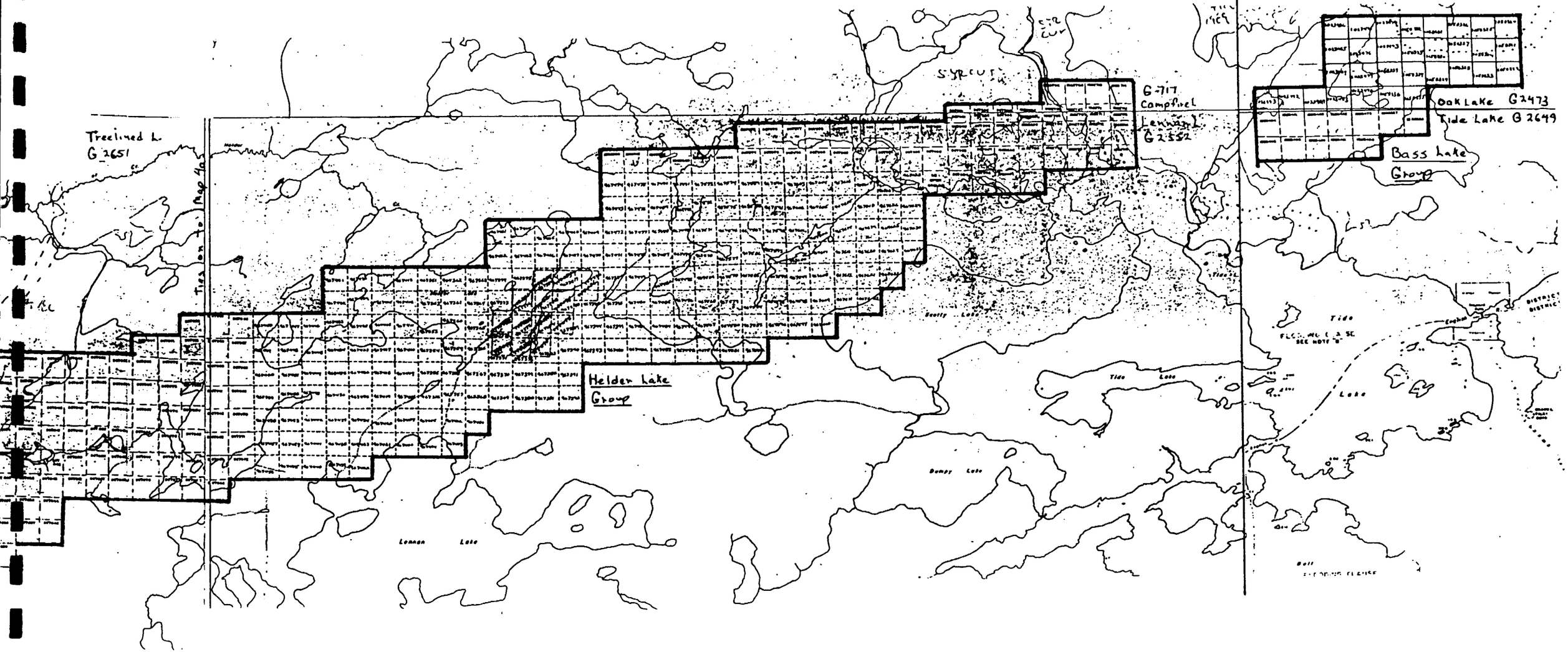
Scale 1:253,440 or 1 Inch to 4 Miles

Miles 2 1 0 2 4 6 8 10 12 14 16 18 20 Miles

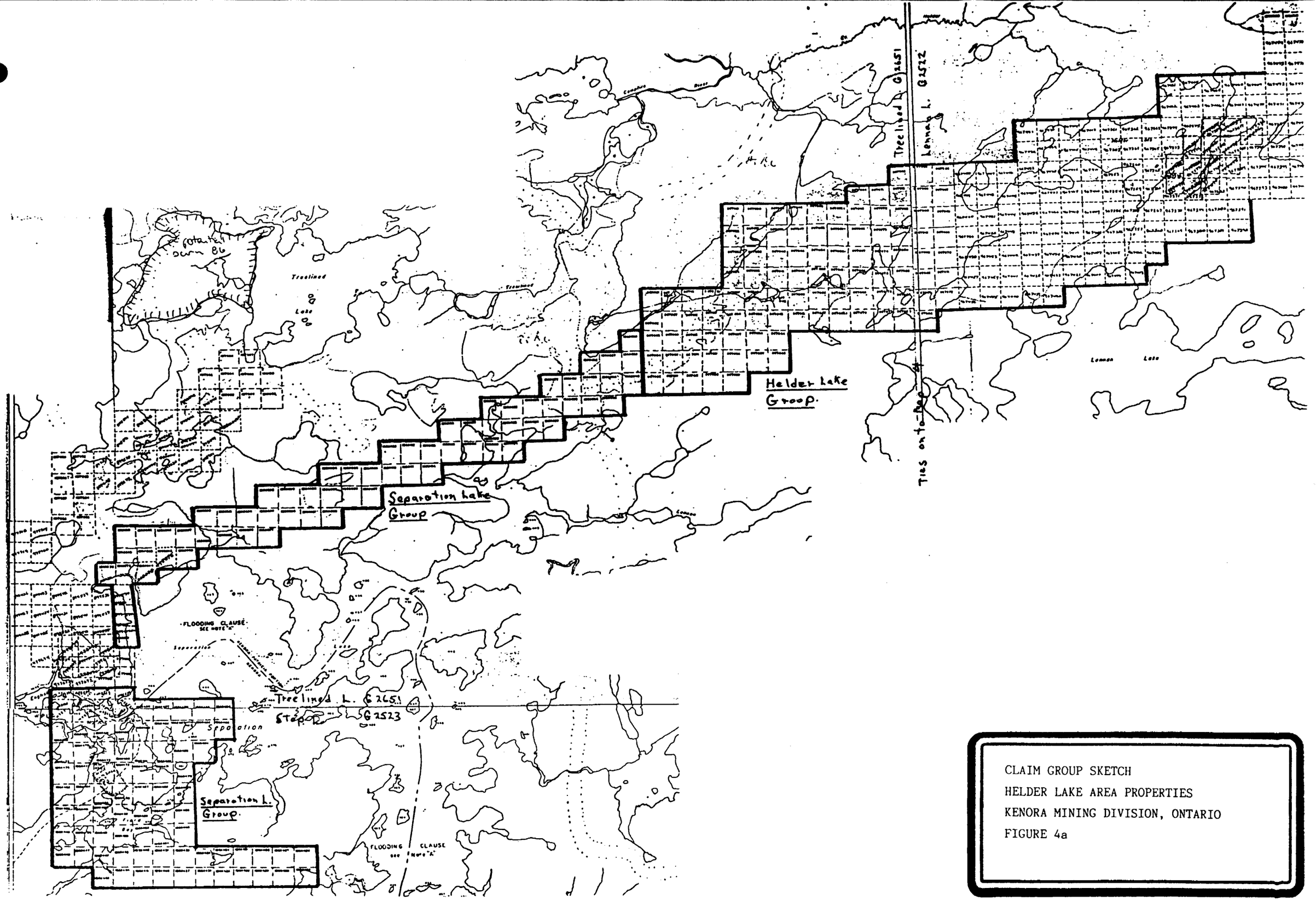
Metres 5000 0 10 20 30 Kilometres

FIGURE 3: GENERAL LOCATION MAP
HELDER LAKE PROPERTY
KENORA MINING DIVISION
O.D.M. MAP 2175
GEOLOGICAL COMPILATION SERIES

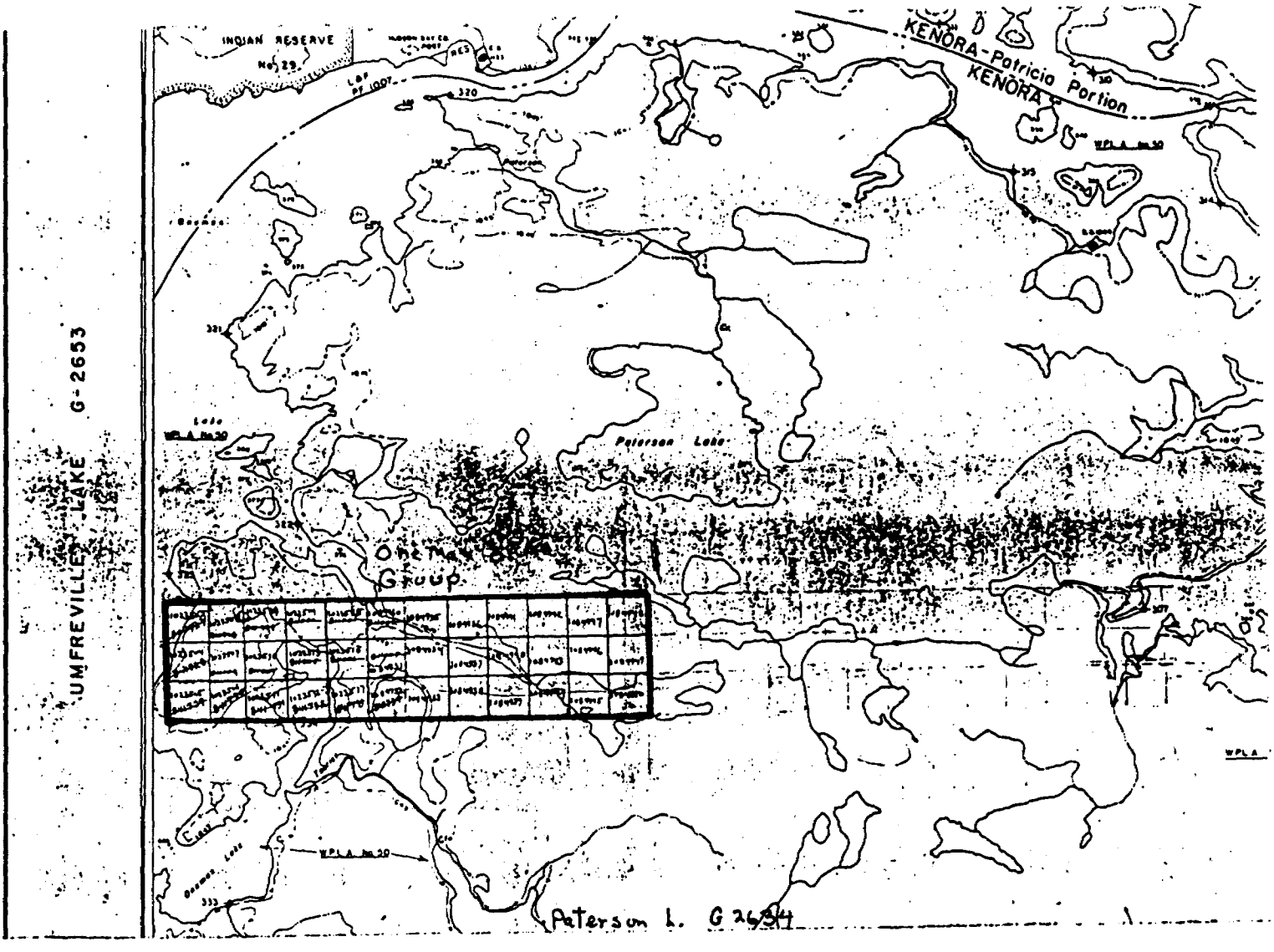
31/09/88



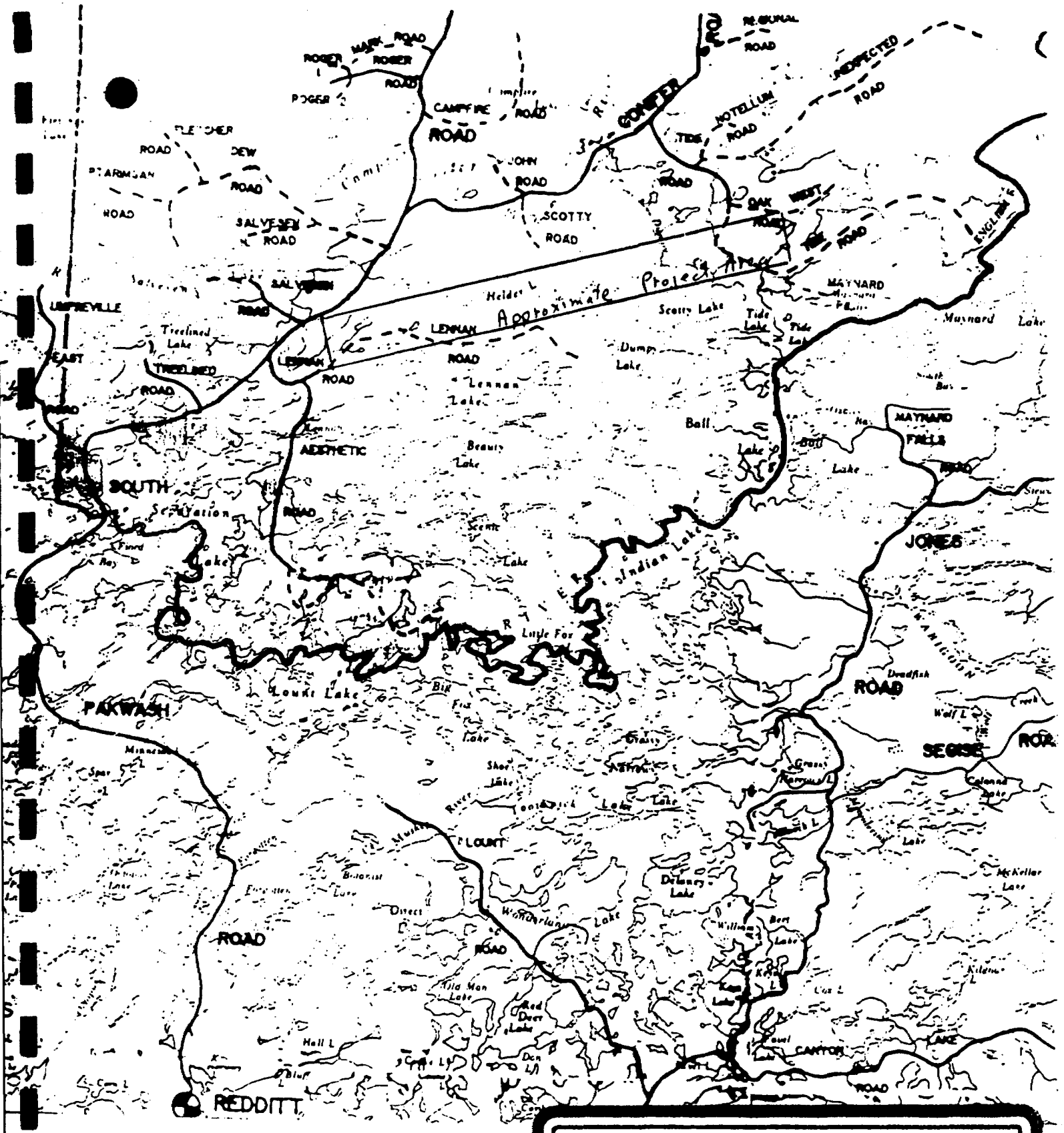
CLAIM GROUP SKETCH
HELDER LAKE AREA PROPERTIES
KENORA MINING DIVISION, ONTARIO
FIGURE 4



CLAIM GROUP SKETCH
HELDER LAKE AREA PROPERTIES
KENORA MINING DIVISION, ONTARIO
FIGURE 4a



CLAIM GROUP SKETCH
ONEMAN LAKE PROPERTY
KENORA MINING DIVISION, ONTARIO
FIGURE 5



ROAD ACCESS SKETCH
HELDER LAKE AREA PROPERTIES
KENORA MINING DIVISION, ONTARIO
FIGURE 6

Airborne Magnetic Map
One Man Lake Area
O.D.M. Map 1189G
Umfreville Lake
Kenora Mining Division, Ontario
Scale: Miles
1 1/2 0 1 2

Figure 7

Joins Map 1189G, "Lennon Lake"

Gone Lake

Oneman Lake I.R. No. 29

English River

Oneman

ONE MAN LAKE
AU-ASPY-ZN
OCCURENCE

Lake

Tourist Lake

Lower Kettle Falls

Middle Kettle Falls

Upper Kettle Falls

50°15'

40'

35'

94°30'

Joins Map 1188G, "Whiteloo Lake"

PART II GENERAL INFORMATION

2.1 INTRODUCTION

Independent Exploration Services Ltd. (I.E.S. Ltd.), on behalf of Champion Bear Resources Ltd., has initiated and conducted a multifaceted integrated mineral exploration program in the Helder Lake area of N.W. Ontario (Kenora Mining Division). The purpose of this report is to summarize mineral exploration activities to date, provide recommendations for further exploration, and a proposed budget to carry out the recommendations.

Due to the complexity and diversity of exploration activities coupled with the vastness of the area covered the report has been subdivided into sections to deal with specific activities and areas.

To date the program has not defined any "ore" bodies of economic consequence. The program has revealed two zones or areas of gold mineralization that are considered to be extremely encouraging.

Ground geophysical surveys have pinpointed a number of favourable anomalies which occur in excellent structural settings for hosting gold mineralization. Geological mapping and sampling indicates that arsenopyrite mineralization is wide spread in the favourable host rock iron formation and also pervades rocks surrounding the iron formation. Geological evidence indicates that gold bearing hydrothermal systems had been active in the area and have resulted in the deposition of the two known occurrences at Helder and One Man Lake.

Much of this area is virgin territory and has not been explored for base metals or gold. Very limited activity was oriented to the search for iron ore.

2.2 SCOPE OF PROGRAM

A systematic, multifaceted, integrated mineral exploration program has been implemented to investigate the gold and base metals potential of the Separation Lake metavolcanic belt. This program was sparked by reports dating back to the 1940's when some gold was reported within a chert-magnetite-sulfide iron formation while this iron formation was being tested and prospected for iron ore. The writer visited the property in 1985 and reaffirmed the presence of low grade, but anomalous gold values.

Subsequently in February of 1988 Dighem Surveys Inc. conducted 970 line km. of combined EM, VLF-EM and magnetometer surveys. The results of the airborne survey outlined a number of targets deemed favourable for hosting gold and/or base metals mineralization.

An integrated ground follow-up program was conducted during the period of June 15th - October 31, 1988 to pin point and evaluate targets favourable for hosting economic mineralization.

The ground follow-up program consisted of:

1). establishing cut and chained grids for control and reference for ensuring work. The Helder Lake grid

consists of approximately 200 km. of lines and covers a strike length of 16.5 km. The Bass Lake grid consists of approximately 40 km of lines over a strike length of 4.0 km.

2). ground geophysical surveys consisting of VLF-EM, total field magnetometer and gradiometer readings collected utilizing the EDA OMNI Plus System.

3). Geological mapping.

4). Prospecting, stripping and sampling.

5). Soil geochemistry was attempted by sampling the humus horizon. This was abandoned as sample locations were poorly distributed due to extreme relief and poor humus development over large areas. A portion of the Helder West area grid has been logged over and the humus layer has been destroyed.

2.3 DESCRIPTION, LOCATION AND ACCESS TO PROPERTY

The properties consist of a total of 593 unpatented mining claims (approximately 23,720 acres) distributed in four separated claim groups (figures 4, 4a & 5). The claims are located in the following claim map areas:

Treelined Lake	G-2651
Stop Lake	G-2523
Paterson Lake	G-2634
Lennan Lake	G-2552
Campfire Lake	G-717
Oak Lake	G-2473
Tide Lake	G-2649.

These areas are all within the Kenora Mining Division (Patricia Portion) of Ontario.

A complete list of claims and details is provided in Appendix 1.

All claims are in good standing and unencumbered.

The central area of the property is approximately 60 km. north of Kenora and 80 km. west-south-west of Ear Falls.

The central area of the group is readily accessible by float/ski equipped aircraft. Present logging and road construction in the area provides access to a large portion of the area and overland access will be readily possible within the near future (see Figure 6).

2.4 PHYSIOGRAPHY AND VEGETATION

Glacial erosion scoured the Archean terrain to rolling topography of low relief with softer metavolcanic and metasedimentary areas being generally flatter and lower than the more resistant granitic rocks. However, the intrusion of pegmatite and granitic rocks and shear zones have developed into sharp steep cliffs and escarpments in the area. Some of the cliffs exceed 50 meters. Helder Lake itself is located relatively high and has a very small catch basin with no rivers or creeks of consequence draining into it. The water is crystal clear and of high quality. Much of the high granitic area is largely devoid of glacial debris with vegetation clinging to crevices and depressions in the rock. The metavolcanic areas are generally located along linear gullies and overburdened areas.

The area is covered by the Boreal Forest with dormant species of trees being black spruce, jack pine, minor white spruce, birch and poplar. Tag alders and "labrador tea" abound in low wet areas.

2.5 PROPERTY OWNERSHIP

Claims K967351 to K967498 incl. (148 claims)

K967566 to K967631 incl. (66 claims)

Subtotal 212 claims.

These 212 claims are recorded in the name of Canadian Eagle Exploration Ltd. are under option to Champion Bear Resources Ltd.

Claims K967801 to K967877 incl (77 claims)

Claims K967951 to K967999 incl (49 claims)

Claims K1022695 to K1022717 incl (23 claims)

Claims K1058300 to K1058305 incl (6 claims)

Claims K1023473 to K1023495 incl (23 claims)

Claims K1058320 to K1058339 incl (20 claims)

Claims K1084930 to K1084949 incl (20 claims)

Claims K1023550 (1 claims)

Claims K1023503 to K1023517 incl (15 claims)

Claims K1058425 to K1058498 incl (74 claims)

Claims K1058518 to K1058525 incl (8 claims)

Claims K1058578 to K1058640 incl (63 claims)

Subtoal 381 Claims.

These 381 claims are all recorded in the name of Champion Bear Resources Ltd. (See Appendix C for details)
Records show that as of October 31, 1988 the claims are free and unencumbered.

2.6 GENERAL GEOLOGY

The property is located in the Canadian Shield, English River Geologic Belt. The consolidated rocks in the area are Early Precambrian (Archean) in age and are comprised of a metavolcanic-metasedimentary assemblage which are lightly isoclinally folded and strike roughly W.S.W-E.N.E direction. The metavolcanic-metasedimentary assemblage is overlain by a paragneissic sequence of rocks to the north. Large granitic batholiths underlay the areas to the north and south. Pegmatite and granitic dikes frequently intrude the sequence.

2.7 ECONOMIC GEOLOGY

No economically viable mineral deposits are located in the claim group area. Assessment records for this area indicated that exploration activities have been almost nonexistent. Records indicate that the iron formation unit stretching from Separation Lake through to Helder Lake had been prospected and tested by limited drilling for iron ore. All of the drill activity was confined between Separation Lake and a lake to the west of Helder designated as "L" Lake. Drill core was never assayed for any other element other than iron.

The story as related to the writer has it that a prospector for the iron ore syndicate was also interested in gold. He apparently prospected from Separation Lake working his way towards Helder Lake. At Helder Lake the iron content dropped off drastically but he did see considerable sulfides and obtained some gold values. At that point in time the syndicate were not interested in gold and closed funding. The prospector returned on his own in the 1940's and drilled 8 Winkie holes. The core was apparently lost and never assayed. There is no record or field evidence of any exploration work to the east of Helder Lake.

Hydraulic stripping at Helder Lake indicates that a substantial hydrothermal system has deposited gold bearing arsenopyrite, pyrite, pyrrhotite, traces of chalcopyrite as a replacement of the original chert magnetite. Erratic but definitive gold values have been recorded over a strike length of approximately 700

meters. The mineralized zone itself is not considered to be of immediate economic significance. It is significant in indicating that ore forming processes have been active in the area.

Much along the lines of the Helder Lake occurrence the One Man Lake occurrence was unearthed by a prospector in the 1940's. Since that time the area has been staked now and then with nobody conducting any serious exploration work in the area. There is no evidence of any sustained activity or drilling in the areas. Samples taken from the showing area contains disseminated to semimassive arsenopyrite, sphalerite, minor pyrite and magnetite. This again indicates a favourable mineralizing system at work.

The One Man Lake occurrence is located in a narrow amphibolite band which is an extension of the Separation Lake metavolcanic belt. The mineralization is located in a strong shear zone that undoubtedly continues for some distance to the east.

Noranda has been conducting reconnaissance base metals programs in the Separation Lake belt during the summer of 1988. Noranda apparently examined a group of claims located between the two groups of claims held by Champion Bear on Separation Lake and also small groups of claims to the west of Separation Lake.

The possibilities of locating base metal deposits in the area are considered to be good.

2.8 HISTORY OF EXPLORATION

1947 - A prospector, Mr. Hawes, drilled 8 Winkie diamond drill holes between the bay of Helder Lake and the small beaver pond to the west. The core was shipped out for assay but was apparently lost and no assay results are on record. The site of three of the drill holes were located. It is a strong possibility the holes were drilled to test the heavy pyrite mineralization and would not have been long enough to intersect the aspy-au bearing horizon.

1959 - Centurion Mines Ltd. drilled 24 holes along the iron formation from Separation Lake and east. The eastern most hole was in the vicinity of the western most portion of the grid area. The drill program was iron oriented and the only assays reported were from iron.

- A stack of diamond drill core (Ext.size) was located on the shore of the western most bay of Helder Lake. There appears to be approximately 1,000 feet of drill core. The camp site is starting to grow over with trees up to 10 feet in height. Drilling appears to have been carried out in the mid 1970's. It is not known where the core came from. The writer believes it may have been drilled on Helder Lake along a sulfide zone 600 meters to the north of the iron formation.

PART III - GEOLOGY

3.1 - LOCAL GEOLOGY - Helder Lake

Results of field mapping on the Helder Lake, Ontario grid indicates that the survey area is underlain by a foliated to shistose mafic metavolcanic rock (amphibolite), which has been intruded by narrow granitic dikes and larger, lensoid granitic bodies, of various compositions. The amphibolite rocks trend to the N.E., and have a thickness of about 1 - 1.5 km. across strike and dip to the north. These rocks are fairly continuous along the entire 16.5 km baseline of the grid (from L172E to L7E). These metavolcanic rocks are bounded to the north and south by granitic and granitic-gneissic rocks. Iron formation rocks are seen to occur as narrow (<<5m to >20m), steeply dipping horizons within the metavolcanic unit. Poor continuity of the the iron formations along strike may be due to pinching out of the units as observed in L114E/101 + 65 N area, where a 6 inch BIF unit is observed as the continuation of the substanial showing area IF. Also, possibly, boudinage of the IF unit occurs, as evidenced by extensional fractures at the L107E area of the showing where geophysics indicates a weakly anomalous area between larger anomaly values. Possible thinning (stretching) of the IF unit is indicated. Outcrops were generally poor in the anomalous regions of the survey area, possibly due to weathering down of the IF rocks. However, since a compass generally did not work properly in these areas, it is an indication that substantial IF does occur below the overburden.

The majority of the IF rocks are near to the boundary with the southern, gneissic rocks. Significant Aspy + py mineralization within the IF unit is limited to the L113E to L103E area (the showing), minor Aspy occurs from L114E to L121E and at L134E, along strike from the showing, and sparse Aspy occurs at L153E and L162E, in IF rocks near to the south granitic rocks. Weak py mineralization in small shears within the metavolcanic unit, as qtz-bte-(py) shear infillings, were also observed, in the L162E to L64E area. Structural features, such as shears and folds were described by the rock units, noteably in the eastern end of the grid. Abundant minor features such as folial folding and joint fracture sets were observed. A brief description of the rock units is as follows:

The mafic metavolcanic (amphibolite) rock is primarily black to blue black in colour, vfg, generally hard (silicified). Also, a minor green-black foliated, (relic texture) pillowed basalt occurs at the western end of the survey area. The trend of the rocks is at approx. az 60°, and the rocks dip generally north at 75° or greater. Locally isolated regions contained south dipping rocks were observed. The metavolcanic rocks were normally well foliated, with lesser outcrops of schistose metavolcanics, often near shears and intrusive bodies, also, in the eastern grid area in the area of a suspected tightly folded, sheared area. As well, in the L172E to L100E area, a schistose to weakly friable variety of altered metavolcanic occurs. The rock is described as F-mg Hbl(subhedral crystals) set in a pale brown, rusty matrix of plag +(bte) minerals. Also, in other areas as well, a similar

appearing rock, f-mg Hbl. subhedra set in a matrix of grey, plag + (bte) rock, but much more competent than the rusty variety, occurs in contact with a granitic rock unit (for example L50E). A gradation occurs across strike (into the amphibolite) from mg to vfg plag-Hbl. schist. This variety of mafic metavolcanic is associated with contact metamorphism by granitic rocks, (fluid-metasomatic alteration) and is of limited extent.

Abundant narrow, f-mg granitic dikes displaying sharp contacts, intrude the amphibolite, often nearer to larger igneous bodies. Quartz and siliceous bands (light colour) along foliation planes in the amphibolite in these areas has produced a banded amphibolite. The black, homogeneous coloured, vfg, wkly foliated amphibolite is the most abundant variety of metavolcanic, and is the only variety observed along the entire grid length. Also, a weakly mineralized, garnet + qtz + bte + k feldspar, + (py) altered amphibolite was observed near the 110 baseline along L142E and L143E. A weakly mylonitic, black amphibolite borders the south margin of the iron formation at L109E. The amphibolite has also been altered to a quartzite in a limited number of areas (L153 area north of Aspy bearing BIF). As mentioned, weakly mineralized, minor shears were observed within portions (eastern) of the metavolcanic unit.

In general, the majority of the study area shows an absence of folding and faulting (shears) except for the eastern end of the grid. However, the shears which do occur are helpful in interpreting the structural breaks in the magnetic anomolies

which are indicated from the ground geophysical studies. In the eastern area of the grid geophysical data indicates a tightly folded pattern to the magnetic anomoly rock types, with distinct breaks in the continuity of the anomolies. Shears were located in the areas where geophysics indicated breaks, and IF rocks were found to correspond to the magnetic anomolies. The trends of the mapped metavolcanics may indicate a tight, "isoclinally" folded nature to the rock unit. The areas of intersection (shear intersecting IF) is shown on the ground geophysics maps to be the areas of the highest magnitude magnetic anomalies. These areas were not available as outcrops. Lake and low ground in the areas of the possible noses and axial planes of these folds may indicate that the structural deformation has resulted in rocks which have been easily eroded to below surface level.

The granitic rocks are composed of the (1) dikes and larger, lensoid rock units, of variable compositions, including f-mg K-feldspar granites, pegmatitic K-feldspar granites, qtz monzonites, granodiorites, a porphyritic, mylonitic granodiorite, and graphic granites (L120 area), which intrude the amphibolite rock unit. Also (2), the generally Fg gneissic rocks which border the amphibolite to the north and south. A variety of rock types are seen in contact with the iron formation rocks. These include a sodic, graphic granite at L119E and L120E, a qtz-muscovite-garnet- K-spar-plag schist at L166E, and a granodiorite gradational to porphyritic granodiorite from L134E to L85E outcroppings. At L161E a mg, K-feldspar-bte granite is in contact along one side of iron formation rock, causing

alteration (a change in mineralogy and appearance). At L163E IF is seen to have both upper and lower contacts with this F-feldspar-bte granitic rock.

As well, IF occurs next to a "two type" lit-par-lit gneiss at the south L95E area. In two instances, L154E and L128E, near the 100 BL, pegmatitic rocks, K-feldspar + qtz + bte + garnet, with accessory magnetite, were observed to correspond with geophysics defined anomalous areas.

A f-mg, qtz rich, pink (k-feldspar), and a white (albite) gneiss with a wkly to well developed gneissic texture occurs at the northern margin of the survey area. These possible paragneisses are fairly continuous and have a similar appearance along the length of the grid.

To the south of the survey area, a two type gneiss (lit-par-lit) occurs. It is composed of narrow (<<1' to >>1') bands of amphibolite derived, dark material, with coarse k-feldspar porphyroblastic grains, alternating with f-mg granitic material bands. Gradiation is seen through this banded gneiss towards less dark bands, then xenolithic fragments, then towards a fg, white gneiss without dark banding. This unit (banded gneiss) is continuous along the length of the survey area.

The IF rock was normally a finely laminated, chert (fg, sugary texture) bands, alternating with magnetite bands (lesser), rock type. This rock was often crumbly, easily deteriorated, in the eastern areas of the grid, while other occasions in the eastern

area, and exclusively in the western portion, it is a hard, resistate species. In addition to this fg IF rock, other species of iron formation related rocks were observed in outcrops of IF in contact with granitic rocks, and in rubble samples which were different from the sugary fg chert/magnetite banded IF normally observed in outcrop (at L72E and L162E rubble samples were observed which were not represented in these iron formation outcrops). This rubble was often of a cg quartz, porous, granular aggregate, with an interstitial mass of magnetite grains (groundmass). Surface sampling indicates that these chert-mte IF's were barren of Au-As mineralization.

Also, at L162E, Aspy as 6 isolated grains occurs in a cg, siliceous, mte-poor rock in rubble which has no relation to the finely banded rock observed in the outcrop. These and other easily deteriorated rubble samples indicate that the rock seen in outcrop is likely not representative of the actual IF at depth. Where IF is in contact with granitic rock units, a cg qtz + bte + garnet rock with f-mg magnetite euhedral occurs. This rock is gradational to the finely laminated chert-mte IF away from the contact area. Metamorphism by intruding granitic rock is indicated.

Aspy-py mineralization within the IF is limited to the rocks from L113E to L103E, weakly from L119E to L121E, L134E and L153E to L162E, all in areas near to the contact region with the southern granitic-gneissic rocks. From L113E to L103E, Aspy + py as granular masses, up to 30%, occur in schistose, cg qtz + (bte)

horizons within the showing area of the IF. At L153E, the Aspy occurs in the altered amphibolite (quartzite) along the hanging wall of the small IF outcropping. Aspy occurs here as mg euhedral laths along foliation planes within the amphibolite. Concentrations of up to 20% along individual planes are observed, while the Aspy comprises only a small (<<5%) amount of the altered rock.

To summarize observations, banded IF is observed to occur as narrow, discontinuous, planar horizons within a larger amphibolite unit, which is bounded to the north and south by various granitic and granitic-gneissic rocks. The rocks have a rough NE trend, and dip to the north, steeply (>70°). Aspy + py mineralization in the BIF is limited to the areas of L103E to L113E, L119E to L121E, L153E and L162E all in areas near to the southern gneissic rocks, actually all near to a mg porphyritic granodiorite. Normally, all IF outcrops are small, (of limited extent), and As + Au values obtained normally increase towards the edge of these outcrops. Increased sulfide content has possibly produced a weaker, easily weathered horizon (s) which is not available as outcrop. IF rock types may be different at depth, since IF rubble is found which is unlike the normally fg, well banded IF found in outcrop.

The showing area, related mineralization, and the study area in general may be briefly characterized as follows:

The volcanic rock has been metamorphosed to amphibolite facies in the eastern area of the grid (based on mineralogy) while in the

western area of the grid, upper greenschist facies metamorphism (presence of chlorite) is presumed. Tops to this volcanic sequence was observed to be to the north; in the area to the west of the grid, where a polymictic felsic Cgl unit with an unconformable lower contact (south) with mafic volcanic rock, and an upper gradational contact into a siltstone composition rock was observed in a north direction. As well possible paragneisses (paleo sandstones) north of the eastern grid area is also an indication of the sequence top direction. The accessory mte observed in simple K-spar-bte pegmatites observed is characteristic of deep seated pegmatite emplacement. The study area is best described as deep seated in the eastern area, and slightly shallower at the western end.

The composition of the showing sulfide mineralogy [Aspy + py + (Cupy)] is also characteristic of a deeper level of mineralization [as opposed to nearer to surface hydrothermal activity, where PbS & Zns are often abundant].

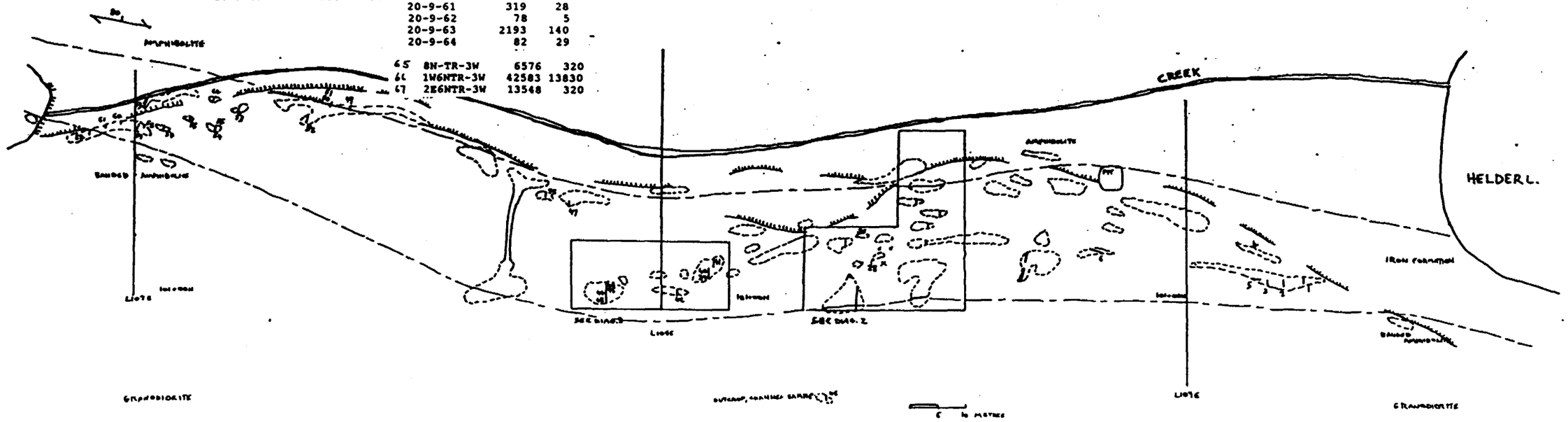
The IF rocks in the showing area have been extensively altered, and are now mostly replaced by the qtz-bte-(garnet) sulfide assembly as opposed to the barren chert-mte of the finely banded IF's. Also, disseminated mte from the IF rocks is often found in the enclosing metavolcanic rocks along foliation planes. The extent (L113E, L153 and L162E) and good zoning of the IF alteration [south to north (up dip) across strike] layered as [qtz-bte/qtz-Aspy/Aspy+py disseminated/py disseminated/massive py cap (north)] is an indication of a fairly large fluid system

which acted in the south area. The disjoint but rough linear pattern to the observed Aspy mineralization may indicate that there is a root at depth to which these branches (distal) isolated surface occurrences are connected. The geophysical data is not able to infer the situation that exists at depth.

Within the showing area, found to extend from L103E to L113E, (see fig.# 1) as opposed to L107E to L109E (101 + 00N areas) mapped by B.P. Selco in June and October 1985. Trenching and stripping have discovered continuation of the Aspy-py horizons similar to the .5oz/ton Au site along Aspy bearing of the southern margins of the IF rocks within a narrow shear. As well, a py-sulfide cap (an abrupt end to the mineralization along the north amphibolte contact) is normally observed along the north, hanging wall area of the IF. The Au and As values (.2, .4 oz/ton) are contained within the narrow (4.0') highest shear on the south side of the IF.

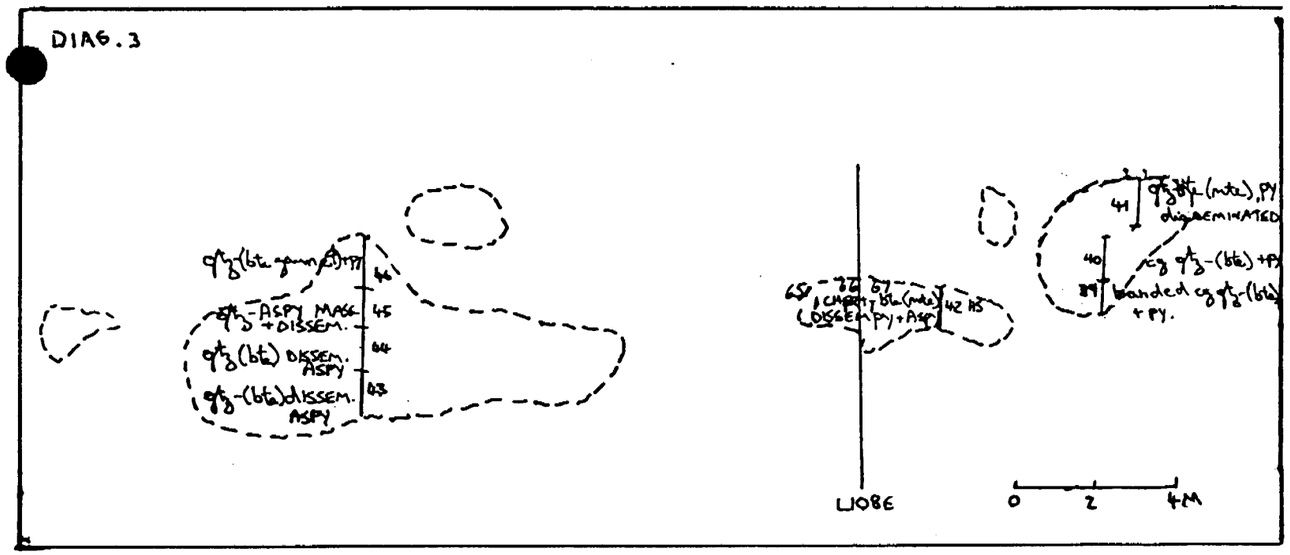
A hand sample and thin section record of the variety of amphibolite, gneisses and granitic rocks, as well as the various IF and Aspy, py mineralized rocks are available. (See Appendix # 1.) Also, an appendix #2 is included for the assay values obtains at the various sample locations.

SAMPLE#	As PPM	Au* PPB
20-9-1	4193	200
20-9-2	1348	32
20-9-3	3437	220
20-9-4	150	8
20-9-5	65385 /	6430
20-9-6	1586	720
20-9-6 HS	1807	172
20-9-7	173	15
20-9-8	116	43
20-9-9	128	4
20-9-10	102	9
20-9-10 A	396	28
20-9-11	1046	85
20-9-12	618	66
20-9-13	203	17
20-9-14	1112	38
20-9-15	3064	310
20-9-16	2214	61
20-9-17 HS	10573 /	201
20-9-18	26733 /	2230
20-9-19	444	18
20-9-20	2871	65
20-9-21	1147	71
20-9-22	9408	260
20-9-23	4084	146
20-9-24	164	23
20-9-25 HS	95	350
20-9-26 HS	66	6
20-9-28 HS	3310	99
20-9-29	353	25
20-9-30	76	19
20-9-31	22084 /	2090
20-9-32	641	51
20-9-33	2942	360
20-9-34 HS	2584	98
20-9-35 HS	589	73
20-9-36	257	45
20-9-37 HS	1987	113
20-9-38	468	34
20-9-39	2539	166
20-9-40	238	9
20-9-41	282	10
20-9-42 HS	2703	189
20-9-43	2320	98
20-9-44	2330	235
20-9-45	6451	310
20-9-46	492	35
20-9-47	352	20
20-9-48	10	16
20-9-49	90	9
20-9-50	144	20
20-9-51	114	23
20-9-52 HS	37	6
20-9-53	50	585
20-9-54	1133	148
20-9-55	343	43
20-9-56	5453	550
20-9-57	567	47
20-9-58	92	3
20-9-59	139	6
20-9-60 HS	163	7
20-9-61	319	28
20-9-62	78	5
20-9-63	2193	140
20-9-64	82	29
65 8N-TR-3W	6576	320
66 1W6NTR-3W	42583	13830
67 2E6NTR-3W	13548	320



HELDER LAKE AU-ASPY OCCURRENCE
GEOLOGICAL SKETCH

DIAG.3



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20-9-22	9408	260
20-9-23	4084	146
20-9-24	164	23
20-9-25 HS	95	350
20-9-26 HS	66	6
20-9-28 HS	3310	99
20-9-29	353	25
20-9-30	76	19
20-9-31	22084 /	2090
20-9-32	641	51
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20-9-41	282	10
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20-9-51	114	23
20-9-52 HS	37	6
20-9-53	50	585
20-9-54	1133	148
20-9-55	343	43
20-9-56	5453	550
20-9-57	567	47
20-9-58	92	3
20-9-59	139	6
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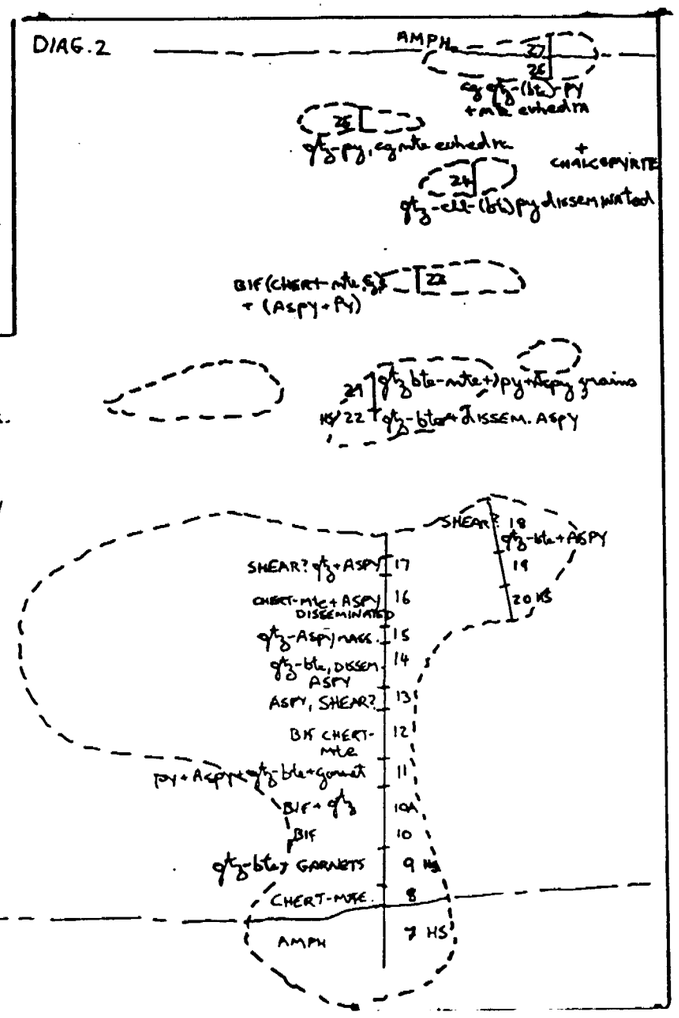
HELDER LAKE AU-ASPY OCCURRENCE

GEOLOGICAL SKETCH

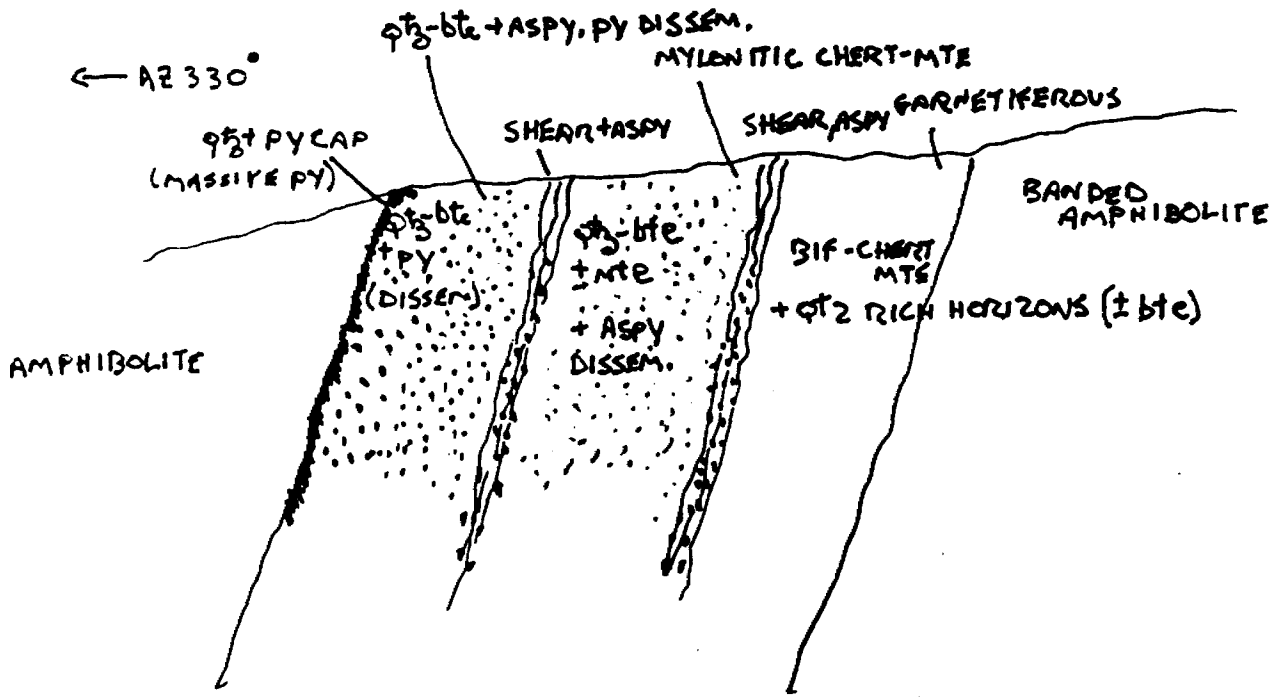
DIAG.2



Helder Lake Occurrence

CROSS SECTION OF SHOWING AREA BIF AT L 108+50 AREA

2 M.



Figure

SEPARATION LAKE

At Separation Lake, near the western end of the grid area, and further west and south, along the Separation Lake north shore, IF outcrops were examined and sampled. These well banded, generally fg chert-mte rocks units were generally void of any type of visible hydrothermal (qtz-bte py/Aspy) alteration. Assays were correspondingly low.

North and west of the grid area, along the claims which cross the English River Road, an examination of the outcrops indicates weakly (py + qtz) mineralized minor shears in the metavolcanic unit as well as one BIF at 80.3 km., which were sampled. (#'s corresponding to footages along the English River Road). These rocks also did not return any favourable As or Au values.

Also, metavolcanic with a unconformable north contact with a cgl. unit, gradational to a siltstone rock types to the north was located NW of the grid area, which is significant in that it indicates that the tops directions for grid area rock pile is probably to the north.

3.2 LOCAL GEOLOGY - Bass Lake

The grid area north of Bass Lake (north of Maynard Lake) is characterized by thick overburden, and a general absence of outcroppings of bedrock. Outcrops are limited to the higher ground, north of the baseline, along the high points of ridges which occur north west of the lake in the centre of the grid. Also, along the western area of the grid, large outcroppings of

granitic rocks are observed in an otherwise swampy area. From available outcrops, the metavolcanic and granitic rocks have a similar appearrance as those at the eastern end of the Helder Lake grid. Due to the limited bedrock exposure, little can be deduced for an explanation for the anomalous geophysical values along the baseline area.

However, in the L127E area, south of the grid area, cg mte euhedra + epidote in amphibolite was located, the significance being that possibly there is a substantial BIF rock unit in the baseline area, from which replacement alteration has occurred (the introduction of qtz+bte+py+Aspy, and the removal of mte, which is now found as mg-cg euhedral + epidote within the southern, hanging wall amphibolite unit). A similar situtation occurs in the showing area and the L134E area at Helder Lake, where mte in the metavolcanic is found near to the mineralized BIF units. The fact that the BIF does not outcrop in the baseline area may indicate that the BIF has been altered to an incompetent character (py sulfide) which has in turn been rapidly eroded and is not available as outcrop.

3.3 LOCAL GEOLOGY - One Man Lake

The claims on the NE shore of Umfreville Lake were examined and the mineralization related by Thompson (1947) (the showing) was found to occur in the SE corner of claim 1023504, along the #2-3 post claim line. The showing area occurs to the SW on a low ridge, with granitic rock to the south and dark mafic schist to the north. The best mineralization lies along a line greater that 400' along strike. (#1 to #2).

Less significant mineralization occurs both east and west of the showing area. Chip samples were taken at 13 locations to characterize the Au-As mineralization. Representative hand samples were also collected at each location. (see map and diagram).

The Au-As-Zn mineralization is contained within a dark, mafic foliated to schistose rock (amphibolite) in a continuous, narrow (5m-10m) horizon dissected by 2 - 2' to 4' pink K-feld+Bte pegmatite dikes, along the south contact of schist (north) and granite (south). The rocks strike at approx. az 100° and are near vertical. The entire showing mineralization is contained within this contact horizon and is seen to be variable qtz-bte alteration of the mafic rock with variable As-Zn-Fe sulfide mineralization. A strongly mineralized narrow shear (Aspy>40%) within the mineralized showing area (#3) is seen to continue to the NE corner of the eastern island (#10) as a 4" shear with Aspy massive mineralization, in unmineralized mafic schist.

A gradation in the mineralization from south to north in the showing area is observed as granitic rock/disseminated qtz-bte ± Aspy disseminated grains/pegmatite/massive Aspy (40%) in qtz-bte alt'd rock/± shear+brecciated siliceous Aspy bearing rock/py+Aspy in siliceous, hard rock/pegmatite/mafic schist (green crumbly rock). Variable distribution of As and ZnS also occurs, the maximum ZnS (20%) occurs to the east at OC#7 as disseminated f-mg black euhedral grains. Often a fg friable, rusty plag-hbl-bte qtz rock is seen within the showing area alteration and mineralization, and also along strike from the showing area. Magnetic deflection of the compass is prominent in a majority of the showing outcroppings (presence of magnetite).

The rock directly to the south of the showing is a mg, pink xenolithic granitic rock, gradational to a pink-bte bearing gneiss. To the north of the narrow schist band lies a fg, pink to white granitic rock, with mte bearing pegmatites (igneous related granitic rock). There are large dike like horizons at the north margin of the mafic schist. The narrow (20 to >40M) schist unit is not seen to continue to the west of the claim line of claim # 1023504.

To the east of the showing, the schist unit continues across the lake and the mineralized contact (#12) bearing Aspy (in a qtz-bte bearing schist) is observed at the eastern shore of the lake. The schist unit, with weak mineralization, continues to the east, in an area of little outcrop. Rusty, py mineralized, crumbly rock, with magnetic deflection is observed regularly along the

east side of the showing. On the NE shore of the island (#10), there is a 4" Aspy filled shear in an otherwise unmineralized mafic schist, the shear is to the north of the schist/granite contact area, within the mafic schist.

Au values ranging from 2330 to 4830 ppb (.07 - .16 oz/ton) obtained from the various sample sites. The narrow As rich (#10) returned the highest assay value at 4830 ppb Au (.16 oz/ton).

HELDER LAKE HAND SAMPLE DESCRIPTIONS - Thin Sections

TS - L162E/C1 (103+25N) Aspy grains in qtz+(garnet)+Bte BIF rock unrelated to Fg chert-mte found in OC.

L161E area BIF - cg qtz + mte ground mass.

L161E/C1 (103N) Aspy grains along fol'n planes in quartzite-hanging wall of BIF OC.

L147E/110BL Example of Fg bte-granitic gneiss.

L143E/110+75N qtz-bte alt'n of amphibolite.

TS - L144E/107+50N HS of aluminus alt'n of schist, py+mte, corresponds to geophysics anomaly.

L134E-2,3 Aspy in amph. at shoreline, Mte in amph. near shoreline.

L124E/A qtzite-BIF related rock

L121E/105N mg gneiss

L119E/A3 - silicious py +((Aspy)) in BIF.

TS - L113E/BB - sugary quartzite along south contact of BIF/amphibolite.

L113E/B - granitic gneiss to north of BIF outcrops.

TS - L108E/101+00N - massive Aspy along fol'n (+fractures).

TS - L108E/101+00N - massive Aspy in schistose shear horizon of BIF.

TS - L108E - showing- south trench-grab samples of py/aspy zones in trench area.

L109 area A,B,C,D, across south amphibolite/BIF contact.

TS - L104E (113+75N) HS shows Fg granitic rock + silicious, bte rock (Amph alt'd)+py?, rock area corresponds to anomaly.

L104A, BIF area.

TS - L103D - massive Aspy in BIF OC.

L94E/104N - silicious, Fg hbl-plag-bte qtz schist + amphibolite along foliation planes.

L91E 106+25N (2) hard, finely banded chert/mte BIF.

L91E 106+25N - bte-granitic gneiss, mylonitic.

TS - L72 BIF - outcrops Fg, banded chert-mte.

TS - L72 - rubble- cg qtz+mte ground mass BIF rubble.

L66E/123N - phorphyroblasts of K-spar in granitic gneiss, mylonitic texture.

TS - L63E - shear north of L. Lake qtz-bte+(py).

L61E/124N - hbl schist.

TS - L49E/130N - hbl-plag schist (alt'd amphibolite)

Bass Lake - L125/104S (shoreline) sample of mte-epd. qtz pod in plag-hble schist in area that corresponds to anomaly.

L112 +50E/ shoreline

HS Suite 21-9-1 to 21-9-6
BIF + mineralization (see Diag. of Area).
(L113E BB outcrop followed to shoreline to West). (L112 +50).

L111+50E/ shoreline 21-9-7 to 21-9-10 HS suite BIF to south of L112+50E BIF.

L109+50E to L107E showing area

HS Suite 20-9 1 2 3 4 5 6 7

9

17

20 21 22

24

26

28

TS30 TS31

TS33 34 TS35

37

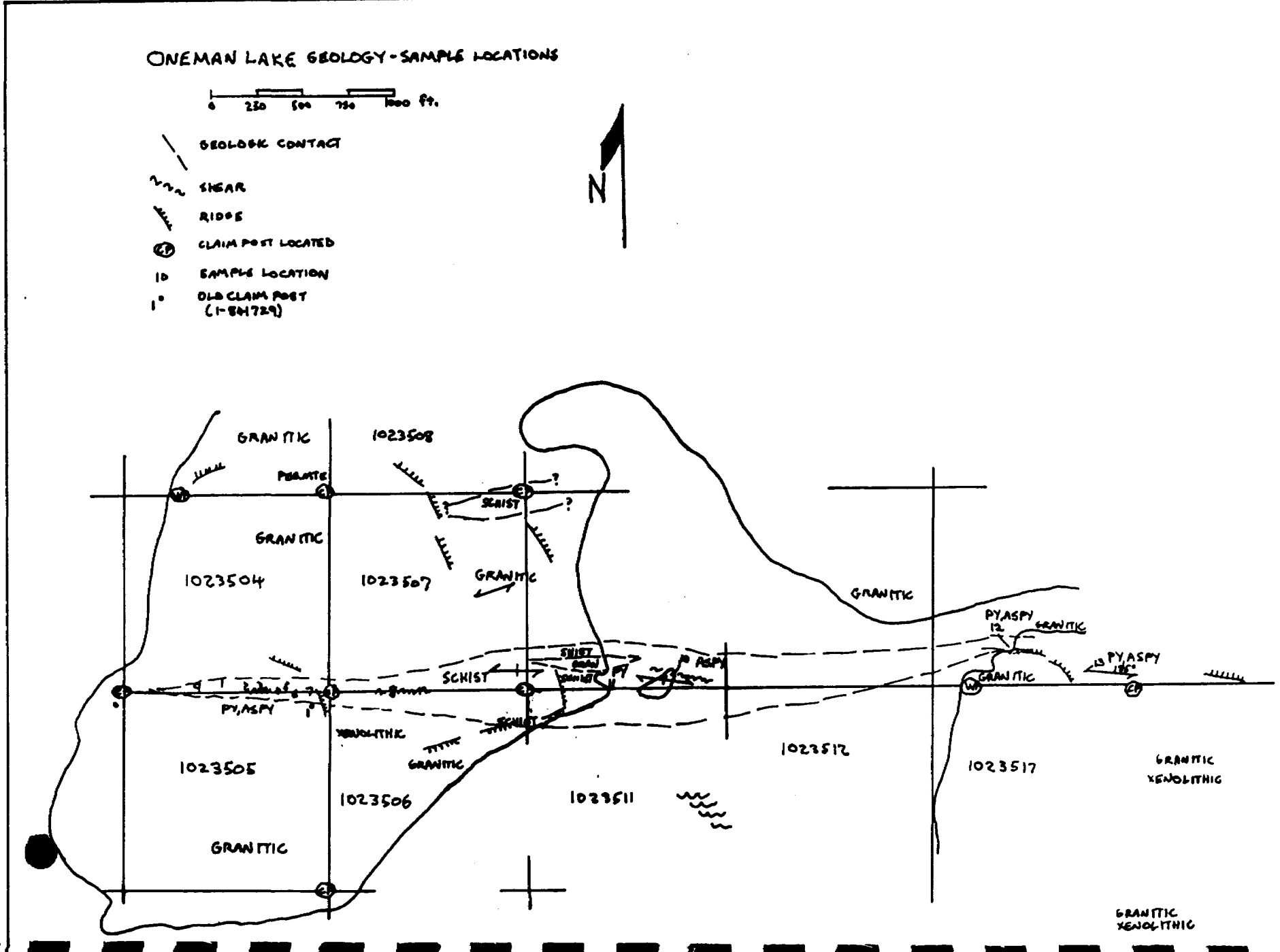
42

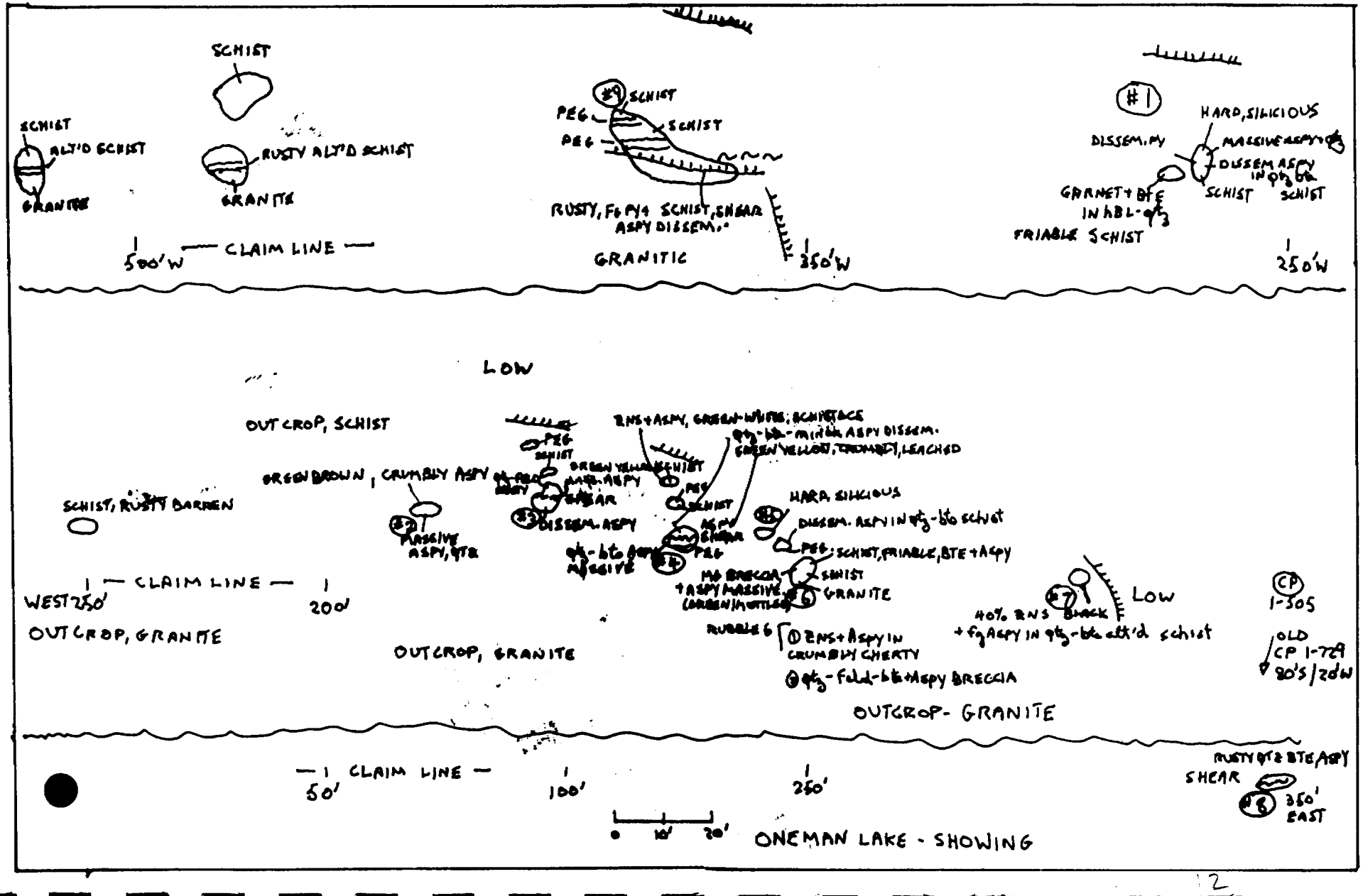
49

TS50 TS51 52

59 60

ONEMAN LAKE GEOLOGY - SAMPLE LOCATIONS




SCHIST
SCHIST
ALT'D SCHIST
GRANITE
RUSTY ALT'D SCHIST
GRANITE
500'W
CLAIM LINE
#9
SCHIST
PEG
SCHIST
PEG
RUSTY, Fg Py SCHIST, SHEAR ASPY DISSEM.
GRANITIC
350'W
#1
HARD, SILICIOUS
DISSEM. Py
MASSIVE ASPY
DISSEM ASPY IN qtz bx
GARNET + BTE IN hBL-qtz
SCHIST
SCHIST
FRIABLE SCHIST
250'W
LOW
OUT CROP, SCHIST
PEG
SCHIST
BRNS + ASPY, GREEN-WHITE; SCHISTOSE
qtz-bte- MINOR ASPY DISSEM.
GREEN YELLOW, CRUMBLY, LEACHED
GREEN BROWN, CRUMBLY ASPY
SCHIST, RUSTY BARREN
#2
MASSIVE ASPY, BTE
#3
DISSEM. ASPY
SHEAR
PEG
SCHIST
ASPY
SHEAR
qtz-bte MASSIVE
PEG
HARD SILICIOUS
DISSEM. ASPY IN qtz-bte SCHIST
PEG; SCHIST, FRIABLE, BTE + ASPY
MG BRECCIA + ASPY MASSIVE (GREEN) HUTILE
SCHIST
#6
GRANITE
CLAIM LINE
WEST 250'
200'
OUTCROP, GRANITE
OUTCROP, GRANITE
RUBBLE
① BNS + ASPY IN CRUMBLY CHERTY
② qtz - feld - bte + Aspy BRECCIA
#7
LOW
40% BNS BLACK
+ fg ASPY IN qtz-bte alt'd schist
CP 1-305
OLD CP 1-729
80's/20W
OUTCROP- GRANITE
CLAIM LINE
50'
100'
250'
RUSTY qtz BTE, ASPY SHEAR
#8
350' EAST
10'
20'
ONEMAN LAKE - SHOWING

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AN DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: OCT 14 1988 DATE REPORT MAILED: Oct 20/88. SIGNED BY. C. Leong .D.TOYE, C.LEONG, B.CHAN, J.WANG; CERTIFIED B.C. ASSAYERS

INDEPENDENT EXPLORATION File # 88-5213

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	
ONL-1	2	317	233	2280	5.0	169	42	146	7.10	23503	5	ND	1	3	136	27	32	48	.44	.088	2	77	.25	26	.03	2	1.29	.03	.19	1	4020	.13
ONL-2	4	83	95	1669	1.2	90	16	75	3.78	22424	5	ND	2	11	45	16	2	40	1.84	.088	5	33	.18	58	.03	4	1.95	.07	.21	1	205	
ONL-3	2	373	255	3956	9.6	73	28	192	3.94	36846	5	ND	1	2	120	2	17	47	.01	.003	2	22	.27	17	.01	2	.71	.01	.15	1	2330	.07
ONL-4	2	583	104	17738	12.4	250	84	140	9.99	39568	5	ND	1	1	366	2	18	33	.01	.010	2	23	.10	9	.02	3	.35	.01	.10	1	2840	.09
ONL-5	1	163	48	414	1.8	119	56	437	5.80	6397	5	ND	1	13	6	2	7	175	.81	.015	2	147	1.40	63	.16	2	3.62	.07	1.06	1	260	
ONL-6	3	460	191	37293	14.3	337	96	170	10.04	31431	5	ND	1	4	708	32	2	12	.79	.001	2	30	.05	15	.01	2	1.73	.03	.06	1	3910	.13
ONL-7	1	230	52	113	2.5	112	35	243	2.18	1180	5	ND	1	17	2	2	2	35	3.77	.026	2	33	.21	7	.02	2	6.08	.26	.04	2	54	
ONL-8	1	188	9	511	.8	64	16	256	3.99	1774	5	ND	1	43	9	2	2	45	3.00	.022	2	45	.92	10	.07	2	3.94	.08	.11	1	58	
ONL-9	1	74	41	92	.4	41	9	586	2.90	146	5	ND	1	28	1	2	2	88	3.76	.015	2	193	.75	45	.18	3	6.66	.32	.20	4	20	
ONL-10	4	149	7	39	4.3	502	39	56	16.69	24636	5	5	1	12	1	2	369	16	.15	.011	2	27	.16	9	.01	2	.57	.02	.13	2	4830	.16
ONL-11	1	73	14	190	.2	77	17	175	3.87	858	5	ND	2	35	2	2	2	51	4.28	.024	3	79	.41	36	.03	7	7.01	.21	.11	5	55	
ONL-12	1	2418	6	105	2.3	67	26	187	6.14	648	5	ND	1	20	2	2	2	45	1.62	.021	2	52	1.25	50	.05	3	3.12	.13	.22	1	96	
ONL-13	2	140	9	139	.3	85	24	522	4.19	308	5	ND	2	51	2	2	2	49	4.06	.022	3	75	.63	18	.08	2	5.61	.29	.09	1	21	
L113E/BB SOUTH CONTACT	2	22	5	36	.3	27	44	81	1.26	5985	5	ND	1	2	1	2	20	4	.14	.015	2	11	.15	15	.01	2	.31	.04	.02	3	116	
L113E/RUBB LE 1	2	22	4	31	.2	46	11	437	9.35	17444	5	ND	1	3	1	4	2	1	.08	.018	2	11	.04	6	.01	3	.03	.01	.01	1	550	
L113E/RUBB LE 2	1	78	10	57	.7	26	42	270	13.83	160	5	ND	2	8	1	2	2	2	.60	.009	3	36	.05	9	.01	2	.13	.01	.01	1	61	
STD C/AU-R	18	58	41	134	6.8	69	30	1013	4.32	39	20	7	38	48	19	17	21	60	.52	.097	39	58	.92	177	.07	33	1.95	.06	.13	12	490	

---Assay required for correct result for Zn, As >1%

PART IV GEOCHEMICAL ANALYSIS OF ROCK AND SOIL SAMPLES

4.1 COLLECTION OF SAMPLES

Rock samples consisted of chip samples of relatively fresh surface material with minor weathering. Samples were collected along zones or areas of specific geological interest and not on a systematic grid pattern.

Sample numbers corresponding to geochemical analysis numbers are provided on accompanying geological plans.

Soil samples consisted of collecting the humus horizon. An attempted was made to collect samples on a regular grid pattern providing profiles over the specific iron formation of interest. Soil sampling was abandoned to a large extent in the Helder Lake area as the rugged relief and poor humus distribution did not offer reasonable distribution of samples. The western most portion of the grid was recently logged over and the humus layer has been disturbed and destroyed. The data in areas where humus samples were collected are provided on accompanying plans (Geochemical Series).

4.2 GEOCHEMICAL ANALYSIS was conducted by:

Acme Analytical Laboratories Ltd.
852 E. Hastings Street
Vancouver, B.C. V6A 1R6

4.3 SAMPLE PREPARATION AND ANALYSIS

1). Soil samples are dried at 60° and sieved to -80 mesh.

2). Rock samples are pulverized to -100 mesh.

0.5 gram sample is digested with 3ml. 3-1-2 HCl - HNO_3 - H_2 at 95°C for 1 hour and is diluted to 10 ml with water. Extracted metals are determined by:

1). inductively coupled Argon Plasma (ICP)

2). Au is determined by Atomic Absorption (AA) using a back ground correction.

The rock and soil samples collected were analyzed for Au and As only with the exception of rock samples collected at One Man Lake which were analyzed for 31 elements. A copy of the original Geochemical Analytical Certificates is provided in Appendix A and B.

APPENDIX A

GEOCHEMICAL ANALYSIS

ROCK SAMPLES

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: JULY 09 1988

DATE REPORT MAILED: July 14/88.

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

ASSAYER: C. Leong D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

INDEPENDENT EXPLORATION PROJECT-HELDER LAKE File # 88-2549 Page 1

SAMPLE#	As PPM	Au* PPB
L103E/A	1675	14
L103E/A1	41	11
L103E/A2	98	1
L103E/A3	85	11
L103E/A4	119	16
L103E/A5	38	24
L103E/A6	27	44
L103E/A7	12	24
L103E/A8	52	5
L103E/A9	100	3
L103E/BB2	402	44
L103E/BB3	89	16
L103E/BB4	238	40
L104E/A	3	1
L104E/A1	13	2
L104E/A2	4	1
L104E/A3	8	1
L104E/A4	2	2
L104E/A5	4	1
L109E/AA	2864	2120
L109E/AA1	2391	230
L109E/AA2	2611	90
L109E/AA3	1039	50
L109E/AA4	8706	985
L109E/AA5	1769	51
L109E/AA6	1775	52
L109E/AA7	248	29
L109E/AA9	3511	290
L109E/AA10	258	27
L109E/AA11	202	6
L109E/AA12	1518	96
L109E/AA13	47	5
L113E/B1	1242	9
L113E/B2	1661	38
L113E/B3	91	13
L113E/B4	1505	46
STD C/AU-R	40	520

SAMPLE#	As PPM	Au* PPB
L113E/B5	24	2
L113E/B6	50	11
L113E/B7	239	1
L113E/B8	173	14
L113E/B9	402	1
L113E/B10	178	6
L113E/B11	119	1
L113E/B12	20	1
L113E/B13	283	12
L113E/B14	293	1
L113E/B15	5889	9
L113E/B16	73	22
L113E/B17	228	10
L113E/B18	511	75
L113E/BB	185	169
L113E/BB1	13427	2670
L119E/A	2958	29
L119E/A1	189	132
L119E/A2	2813	32
L119E/A3	4896	38
L119E/A4	1945	88
L120E/B	185	11
L120/C	1022	1
L120/C1	857	12
L127/A	19	6
L127/A1	4	3
L127/A2	7	4
L133/A	13	1
STD C/AU-R	38	495

SAMPLE#	As PPM	Au* PPB
H-88-106A	259	11
H-88-107A	3	31
H-88-108A	273	1
H-88-111A	3	2
H-88-113A	4	1
H-88-114A	8	9
H-88-114B	7	1
H-88-118A	89	1
H-88-118B	542	11
H-88-121A	35	10
H-88-122A	17	1
H-88-122B	28	4
H-88-123A	11	1
H-88-124A	28	425
H-88-124B	4	8
H-88-124C	18	1
H-88-124D	29	16
H-88-130A	32	1
STD C/AU-R	41	500

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHO[redacted](604)253-3158 FAX(604)253-1716

DATE RECEIVED: JUL 13 1988
DATE REPORT MAILED: July 19/88

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
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ASSAYER: C. Leong D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

INDEPENDENT EXPLORATION FILE # 88-2669

SAMPLE#	As PPM	Au* PPB
L101E/AA	3	7
L101E/AA1	3	4
L101E/AA2	2	24
L120+50E/LAKE SHORE	94	6
L121E/AA	9	3
L121E/AA1	166	86
L142E/A	2	6
L142E/B	2	4
L144E/A	2	2
L145E/A	4	1
L145E/B	2	1
L153E/A	331	7
L153E/A1	121	7
L153E/A2	612	3
L154E/A	2	10
L154E/B	80	6
L154E/B1	141	12
L154E/B2	160	8
L156E/A	325	10
L156E/A1	93	1
L156E/A2	86	1
L156E/A3	17	3
L160E/4+50W	2	1
L160E/2+00W	39	3
LC-88-1	47	1
LC-88-2	4991	50
LC-83-3	8661	350
STD C/AU-R	41	520

SAMPLE#	As PPM	Au* PPB
H-88-107B	279	10
H-88-107C	358	55
H-88-108C	766	57
H-88-139A	12	5
H-88-141A	5	3
H-88-141B	5	4
H-88-144A	3	3
H-88-145A	4	2
H-88-146A	2	3
CUT-A1	500	38
CUT-A2	1811	49
CUT-A3	2818	144
CUT-A4	749	28
PIT-A1	92	7
PIT-A2	21	1
PIT-A3	22	13
PIT-A4	20	8
PIT-A5	51	47
PIT-A6	68	22
PIT-A7	52	13
PIT-A8	80	6
PIT-A9	33	16
PIT-A10	60	10
STD C/AU-R	40	530

ACME ANALYTICAL LABORATORIES LTD.
852[redacted] HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: AUG 3 1988
DATE REPORT MAILED: Aug. 10/88.

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

ASSAYER: C. Leong. D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

INDEPENDENT EXPLORATION PROJECT HELDER LAKE FILE # 88-3250 Page 1

SAMPLE#	As PPM	Au* PPB
H-88-95A	30	10
H-88-95B	9	7
H-88-95C	5	1
H-88-96A	8	6
H-88-97B	16	1
H-88-97C	4	1
H-88-108Bi	48	1
H-88-108Bii	56	1
H-88-108Biii	5934	1
H-88-108Biv	315	5
H-88-135A	12	1
H-88-137A	3	2
H-88-137B	2	4
H-88-146A	43	7
H-88-146B	2	1
H-88-148A	2	2
H-88-149A	2	1
H-88-169B	4	1
TL100	2	1
TL108A	2	1
TL119A	2	1
TL119B	3	5
TRi	30	20
L88E A	4	4
L88E Ai	4	9
L91E A	2	7
L94E A	6	5
L106+20E 113+50N	3	1
L151E A	2	1
L151E B	6	2
L151E C	13	1
L153E A3	2	2
L154E F	2	2
L154E F1	11	1
L154E F2	4	3
L155E F	6	3
STD C/AU-R	40	480

SAMPLE#	As PPM	Au* PPB
L157E A	2	2
L159E A	29	1
L159E A1	7	1
L160E AA	9	1
L161E A	2	2
L161E B	2	1
L161E B1	7	1
L161E B1A	4	1
L162E 104+50	2	1
L162E A	2	1
L162E B	2	2
L162E C	25	2
L162E C1	1597	1
L163E A	2	3
L164E A	212	1
L164E B	2	2
LC-88-4	7389	1720
LC-88-5	269	27
LC-88-6	5621	665
TL106A	112	4
TR-2W-108-14/7	1252	93
TL106B	9	7
STD C/AU-R	38	490

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: SEP 1 1988
DATE REPORT MAILED: Sept. 9/88

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- SAMPLE TYPE: ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

ASSAYER: ..... D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

INDEPENDENT EXPLORATION LTD. FILE # 88-4136 Page 1

SAMPLE#	As PPM	Au* PPB
63.7A	34	7
73.9A	2	6
73.9B	3	1
73.9C	4	4
74.0	2	1
75.85	16	13
76.1A	12	1
76.1B	5	6
76.1C	17	8
76.1D	2	1
76.1J	2	1
80.3A	9	1
80.3B	15	1
80.3C	35	1
80.3D	264	2
80.3E	390	1
80.3F	79	1
80.3G	41	1
80.3H	22	8
L13/A	134	8
L32/A	6	1
L33/A	15	1
L40/A	53	1
L70E/A	204	3
L74E/112+50N	7	3
L75E/113+25N	12	2
L-88-47A	2	9
L-88-72A	7	1
L-88-73A	4	10
L-88-73B	3	23
L-88-73C	4	8
L-88-77A	4	7
L-88-77B	6	14
L-88-79A	2	3
SL-1	2	2
SL-2	25	4
STD C/AU-R	41	475

SAMPLE#	As PPM	Au* PPB
SL-3	10	26
SL-4	2	8
SL-5	3	1
SL-6	2	1
SL-88-18A	7	1
SL-88-21A	2	2
SL-88-21B	6	1
SL-88-21C	2	1
SL-88-23A	137	5
SL-88-23B	280	1
SL-88-23C	22	1
STD C/AU-R	43	520

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHO(604)253-3158 FAX(604)253-1716

DATE RECEIVED: SEP 28 1988
DATE REPORT MAILED: Oct. 3/88

GEOCHEMICAL ANALYSIS CERTIFICATE

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ASSAYER: C. Leong. D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

INDEPENDENT EXPLORATION FILE # 88-4830 Page 1

SAMPLE#	As PPM	Au* PPB	
20-9-1	4193	200	
20-9-2	1348	32	
20-9-3	3437	220	
20-9-4	150	8	
20-9-5	65385	6430	.2
20-9-6	1586	720	.02
20-9-6 HS	1807	172	
20-9-7	173	15	
20-9-8	116	43	
20-9-9	128	4	
20-9-10	102	9	
20-9-10 A	396	28	
20-9-11	1046	85	
20-9-12	618	66	
20-9-13	203	17	
20-9-14	1112	38	
20-9-15	3064	310	.01
20-9-16	2214	61	
20-9-17 HS	10573	201	
20-9-18	26733	2230	.07
20-9-19	444	18	
20-9-20	2871	65	
20-9-21	1147	71	
20-9-22	9408	260	
20-9-23	4084	146	
20-9-24	164	23	
20-9-25 HS	95	350	.01
20-9-26 HS	66	6	
20-9-28 HS	3310	99	
20-9-29	353	25	
20-9-30	76	19	
20-9-31	22084	2090	.07
20-9-32	641	51	
20-9-33	2942	360	.01
20-9-34 HS	2584	98	
20-9-35 HS	589	73	
STD C/AU-R	44	490	

SAMPLE#	As PPM	Au* PPB	
20-9-36	257	45	
20-9-37 HS	1987	113	
20-9-38	468	34	
20-9-39	2539	166	
20-9-40	238	9	
20-9-41	282	10	
20-9-42 HS	2703	189	
20-9-43	2320	98	
20-9-44	2330	235	
20-9-45	6451	310	.01
20-9-46	492	35	
20-9-47	352	20	
20-9-48	10	16	
20-9-49	90	9	
20-9-50	144	20	
20-9-51	114	23	
20-9-52 HS	37	6	
20-9-53	50	585	.02
20-9-54	1133	148	
20-9-55	343	43	
20-9-56	5453	550	.02
20-9-57	567	47	
20-9-58	92	3	
20-9-59	139	6	
20-9-60 HS	163	7	
20-9-61	319	28	
20-9-62	78	5	
20-9-63	2193	140	
20-9-64	82	29	
21-9-1	91	6	
21-9-2	315	8	
21-9-3	6385	35	
21-9-4	428	4	
21-9-5	581	9	
21-9-6	1891	15	
21-9-7	28	5	
STD C/AU-R	41	530	

SAMPLE#	As PPM	Au* PPB
21-9-8	4	15
21-9-9	7	6
21-9-10	10	2
134-1	2	3
134-2	425	6
134-3	11	5
134-4	3	24
L103A	183	36
L103B	192	26
L103D	7343	570
L103E	54	5
L103G	92	13
L114/168N	15	4
L107E/100+70 APP	7	2
STD C/AU-R	41	510

—Assay required for correct result for As > 10,000 ppm.

SAMPLE#	As PPM	Au* PPB
8N-TR-3W	6576	320
1W6NTR-3W	42583	13830
2E6NTR-3W	13548	320
NTL-L139E	31	6
STD C	37	-

___Assay required for correct result for As > 1%

APPENDIX B

GEOCHEMICAL ANALYSIS

ROCK SAMPLES

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: AUG 27 1988
DATE REPORT MAILED: Oct 26/88

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-P21 HUMUS P22 ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

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SAMPLE#	As PPM	Au* PPB
L56E 131+00N	6	3
L56E 130+75N	8	2
L56E 130+50N	12	1
L56E 130+25N	9	2
L56E 130+00N	5	2
L56E 129+75N	9	1
L56E 129+50N	15	1
L56E 129+25N	9	2
L56E 129+00N	10	1
L56E 128+75N	8	2
L56E 128+50N	6	1
L56E 128+25N	10	3
L56E 128+00N	10	4
L56E 127+75N	13	2
L56E 127+50N	12	1
L56E 127+25N	16	2
L56E 127+00N	11	3
L56E 126+75N	16	3
L56E 126+50N	17	1
L56E 126+25N	5	1
L56E 126+00N	3	2
L56E 125+75N	10	2
L56E 125+50N	9	3
L56E 125+25N	11	1
L56E 125+00N	8	1
L58E 131+00N	6	4
L58E 130+75N	9	2
L58E 130+50N	2	2
L58E 130+25N	6	4
L58E 130+00N	7	4
L58E 129+75N	2	2
L58E 129+50N	4	2
L58E 129+25N	3	1
L58E 129+00N	8	2
L58E 128+75N	6	1
L58E 128+50N	8	2
STD C/AU-S	39	51

SAMPLE#	As PPM	Au* PPB
L58E 128+25N	11	1
L58E 128+00N	13	1
L58E 127+75N	16	1
L58E 127+50N	17	3
L58E 127+25N	13	1
L58E 127+00N	13	1
L58E 126+75N	17	1
L58E 126+50N	15	2
L58E 126+25N	12	1
L58E 126+00N	13	3
L58E 125+75N	10	1
L58E 125+50N	16	1
L58E 125+25N	8	3
L58E 125+00N	11	1
L60E 131+00N	10	2
L60E 130+50N	10	1
L60E 130+25N	6	1
L60E 130+00N	13	2
L60E 129+75N	10	1
L60E 129+25N	2	1
L60E 129+00N	5	2
L60E 128+75N	12	1
L60E 128+50N	6	1
L60E 128+25N	6	1
L60E 128+00N	7	1
L60E 127+75N	9	1
L60E 127+50N	7	1
L60E 127+25N	12	2
L60E 127+00N	4	6
L60E 126+75N	5	1
L60E 126+50N	14	4
L60E 126+25N	12	3
L60E 126+00N	11	5
L60E 125+75N	16	2
L60E 125+50N	12	4
L60E 125+25N	21	1
STD C/AU-S	40	51

SAMPLE#	As PPM	Au* PPB
L60E 125+00N	14	4
L62E 128+00N	9	1
L62E 127+75N	6	1
L62E 127+50N	9	1
L62E 127+25N	9	1
L62E 127+00N	9	2
L62E 126+75N	10	1
L62E 126+50N	7	1
L62E 126+25N	5	1
L62E 126+00N	9	1
L62E 125+75N	4	1
L62E 125+50N	10	2
L62E 125+25N	16	1
L62E 124+75N	7	1
L62E 124+50N	7	1
L62E 124+00N	11	1
L62E 123+75N	17	2
L62E 123+50N	9	1
L62E 123+25N	5	1
L62E 123+00N	9	1
L64E 128+00N	4	1
L64E 127+75N	4	1
L64E 127+50N	2	1
L64E 127+25N	8	2
L64E 127+00N	2	1
L64E 126+75N	10	4
L64E 126+25N	7	1
L64E 126+00N	8	3
L64E 125+75N	7	1
L64E 125+50N	5	1
L64E 125+25N	7	1
L64E 125+00N	12	2
L64E 124+75N	7	1
L64E 124+50N	12	1
L64E 124+25N	7	2
L64E 124+00N	7	1
STD C/AU-S	41	48

SAMPLE#	As PPM	Au* PPB
L64E 123+75N	2	1
L64E 123+25N	8	1
L64E 123+00N	3	1
L66E 127+00N	2	1
L66E 126+75N	2	2
L66E 126+50N	6	3
L66E 126+25N	3	1
L66E 126+00N	4	1
L66E 125+75N	8	2
L66E 125+50N	9	2
L66E 125+25N	2	2
L66E 124+75N	4	2
L66E 124+50N	2	1
L66E 124+25N	3	1
L66E 124+00N	6	1
L66E 123+75N	2	1
L66E 123+25N	5	1
L66E 123+00N	9	2
L66E 122+75N	4	1
L66E 122+50N	5	1
L66E 122+25N	6	1
L66E 122+00N	2	2
L66E 115+00N	4	1
L66E 114+50N	7	1
L66E 114+00N	2	1
L66E 113+75N	6	2
L66E 113+50N	7	1
L66E 113+25N	7	1
L66E 113+00N	16	1
L66E 112+75N	5	2
L66E 112+25N	9	1
L66E 112+00N	4	1
L66E 111+75N	9	2
L66E 111+50N	4	1
L66E 111+25N	10	1
L66E 111+00N	6	1
STD C/AU-S	42	48

SAMPLE#	As PPM	Au* PPB
L66E 110+75N	8	3
L66E 110+50N	10	1
L66E 110+25N	5	1
L67E 127+00N	10	2
L67E 126+75N	4	1
L67E 126+50N	8	1
L67E 126+25N	14	4
L67E 126+00N	11	2
L67E 125+75N	11	2
L67E 125+50N	8	2
L67E 125+25N	8	1
L67E 125+00N	4	1
L67E 124+75N	11	2
L67E 124+50N	6	1
L67E 124+25N	8	1
L67E 124+00N	5	1
L67E 123+75N	3	1
L67E 123+50N	5	1
L67E 123+25N	5	1
L67E 123+00N	2	1
L67E 122+75N	2	1
L67E 122+50N	4	1
L67E 122+25N	4	1
L67E 122+00N	5	1
L68E 127+00N	5	2
L68E 126+75N	7	1
L68E 126+50N	8	2
L68E 126+25N	5	1
L68E 125+75N	19	6
L68E 125+50N	8	1
L68E 125+25N	6	1
L68E 125+00N	11	2
L68E 124+75N	6	2
L68E 124+50N	2	1
L68E 124+25N	3	1
L68E 124+00N	6	1
STD C/AU-S	36	51

SAMPLE#	As PPM	Au* PPB
L68E 123+75N	5	1
L68E 123+50N	11	4
L68E 123+25N	8	1
L68E 123+00N	2	1
L68E 122+75N	3	1
L68E 115+00N	6	1
L68E 114+75N	8	2
L68E 114+50N	8	1
L68E 114+25N	10	1
L68E 114+00N	9	1
L68E 113+75N	10	3
L68E 113+50N	12	1
L68E 113+25N	20	1
L68E 113+00N	11	1
L68E 112+75N	8	16
L68E 112+50N	13	1
L68E 112+25N	7	2
L68E 112+00N	3	1
L68E 111+75N	8	1
L68E 111+50N	7	1
L68E 111+25N	2	1
L68E 111+00N	6	2
L68E 110+75N	8	1
L68E 110+50N	6	3
L68E 110+25N	7	1
L68E 110+00N	2	1
L69E 127+00N	5	3
L69E 126+75N	12	2
L69E 126+50N	4	1
L69E 126+25N	7	1
L69E 126+00N	6	1
L69E 125+75N	7	2
L69E 125+50N	12	1
L69E 125+25N	6	1
L69E 125+00N	9	1
L69E 124+75N	5	1
STD C/AU-S	41	51

SAMPLE#	As PPM	Au* PPB
L69E 124+50N	4	4
L69E 124+25N	5	3
L69E 124+00N	4	1
L69E 123+75N	5	1
L69E 123+50N	4	1
L69E 123+25N	7	4
L70E 127+00N	11	1
L70E 126+75N	8	1
L70E 126+50N	12	2
L70E 126+25N	8	1
L70E 126+00N	8	1
L70E 125+75N	9	1
L70E 125+50N	7	1
L70E 125+25N	7	1
L70E 125+00N	12	1
L70E 124+75N	9	1
L70E 124+50N	2	2
L70E 124+25N	6	2
L70E 124+00N	3	1
L70E 123+75N	10	1
L70E 123+50N	5	1
L70E 123+25N	7	1
L70E 123+00N	5	1
L70E 115+00N	19	2
L70E 114+75N	7	1
L70E 114+50N	10	2
L70E 114+25N	6	1
L70E 114+00N	5	1
L70E 113+75N	5	1
L70E 113+50N	6	1
L70E 113+25N	47	2
L70E 113+00N	20	2
L70E 112+75N	7	1
L70E 112+50N	3	1
L70E 112+25N	10	1
L70E 112+00N	2	1
STD C/AU-S	38	47

SAMPLE#	As PPM	Au* PPB
L70E 111+75N	7	1
L70E 111+50N	6	2
L70E 111+25N	5	1
L70E 111+00N	8	1
L70E 110+75N	8	1
L70E 110+50N	9	1
L70E 110+25N	11	1
L70E 110+00N	5	2
L71E 127+00N	10	1
L71E 126+75N	7	1
L71E 126+50N	7	1
L71E 126+25N	9	2
L71E 126+00N	3	1
L71E 125+75N	3	1
L71E 125+50N	7	2
L71E 125+25N	5	1
L71E 125+00N	6	1
L71E 124+75N	6	1
L71E 124+50N	7	4
L71E 124+25N	6	2
L71E 124+00N	3	1
L71E 123+75N	7	1
L71E 123+50N	8	1
L71E 123+25N	6	3
L71E 123+00N	10	1
L71E 122+75N	10	2
L72E 125+75N	8	1
L71E 122+00N	8	3
L71E 124+75N	9	1
L71E 124+50N	10	1
L71E 124+25N	5	2
L71E 124+00N	8	1
L71E 123+75N	7	1
L71E 123+50N	2	2
L71E 123+25N	9	1
L71E 123+00N	4	1
STD C/AU-S	45	51

SAMPLE#	As PPM	Au* PPB
L72E 122+50N	6	1
L72E 122+25N	7	1
L72E 122+00N	11	3
L72E 121+75N	6	1
L72E 121+50N	7	1
L72E 121+25N	8	1
L72E 121+00N	8	2
L72E 120+75N	7	1
L72E 120+50N	8	2
L72E 120+25N	4	1
L72E 120+00N	8	1
L72E 115+00N	6	2
L72E 114+75N	2	1
L72E 114+50N	11	2
L72E 114+25N	8	1
L72E 114+00N	10	2
L72E 113+75N	11	1
L72E 113+50N	26	2
L72E 113+25N	12	1
L72E 113+00N	12	1
L72E 112+75N	10	1
L72E 112+50N	7	2
L72E 112+25N	2	2
L72E 112+00N	7	3
L72E 111+75N	5	1
L72E 111+50N	5	1
L72E 111+25N	5	1
L72E 111+00N	8	1
L72E 110+75N	4	1
L72E 110+50N	8	2
L72E 110+25N	5	4
L73E 125+00N	11	2
L73E 124+75N	7	3
L73E 124+50N	6	4
L73E 124+25N	9	2
L73E 124+00N	12	1
STD C/AU-S	38	47

SAMPLE#	As PPM	Au* PPB
L73E 123+75N	5	1
L73E 123+50N	3	1
L73E 123+25N	7	2
L73E 123+00N	5	1
L73E 122+75N	4	3
L73E 122+50N	6	1
L73E 122+25N	9	2
L73E 122+00N	7	1
L73E 121+75N	3	1
L73E 121+50N	8	2
L73E 121+25N	6	4
L73E 121+00N	10	3
L73E 120+75N	8	1
L73E 120+50N	10	2
L73E 120+25N	9	1
L73E 120+00N	6	1
L74E 115+00N	11	4
L74E 114+75N	10	3
L74E 114+50N	8	1
L74E 114+25N	3	1
L74E 114+00N	9	2
L74E 113+75N	8	1
L74E 113+50N	5	1
L74E 113+25N	7	1
L74E 113+00N	7	1
L74E 112+75N	9	2
L74E 112+50N	6	1
L74E 112+25N	8	1
L74E 112+00N	10	1
L74E 111+75N	6	1
L74E 111+50N	6	2
L74E 111+25N	5	1
L74E 111+00N	7	1
L74E 110+75N	6	1
L74E 110+50N	4	2
L74E 110+25N	3	1
STD C/AU-S	42	47

SAMPLE#	As PPM	Au* PPB
L74E 110+00N	3	2
L75E 125+00N	3	1
L75E 125+00N B/L	8	2
L75E 124+75N	15	4
L75E 124+50N	15	1
L75E 124+25N	10	1
L75E 124+00N	10	3
L75E 123+75N	10	1
L75E 123+50N	6	2
L75E 123+25N	3	3
L75E 123+00N	3	1
L75E 122+75N	2	1
L75E 122+50N	4	2
L75E 122+25N	5	1
L75E 122+00N	6	2
L75E 121+75N	5	3
L75E 121+50N	11	1
L75E 121+25N	3	1
L75E 121+00N	2	2
L75E 120+75N	16	1
L75E 120+50N	10	1
L75E 120+25N	9	2
L75E 120+00N	4	1
L76E 115+00N	8	1
L76E 114+75N	5	4
L76E 114+50N	3	1
L76E 114+25N	5	1
L76E 114+00N	5	1
L76E 113+75N	8	1
L76E 113+50N	12	4
L76E 113+25N	4	1
L76E 113+00N	4	1
L76E 112+75N	9	1
L76E 112+50N	9	2
L76E 112+25N	5	1
L76E 112+00N	10	1
STD C/AU-S	38	52

SAMPLE#	As PPM	Au* PPB
L76E 111+75N	5	1
L76E 111+50N	12	3
L76E 111+25N	7	1
L76E 111+00N	4	2
L76E 110+75N	6	1
L76E 110+50N	4	1
L76E 110+25N	2	2
L76E 110+00N	2	1
L77E 125+50N	12	1
L77E 125+25N	12	2
L77E 125+00N	4	1
L77E 124+75N	5	1
L77E 124+50N	6	1
L77E 124+25N	5	1
L77E 124+00N	6	1
L77E 123+75N	9	2
L77E 123+50N	4	1
L77E 123+25N	7	1
L77E 123+00N	11	2
L77E 122+75N	12	1
L77E 122+50N	7	1
L77E 122+25N	9	1
L77E 122+00N	4	2
L77E 121+75N	8	1
L77E 121+50N	3	2
L77E 121+25N	13	1
L77E 121+00N	5	1
L77E 120+75N	11	1
L77E 120+50N	12	1
L77E 120+25N	12	2
L77E 120+00N	9	1
L79E 127+75N	11	1
L79E 125+50N	5	1
L79E 125+25N	6	1
L79E 125+00N	11	1
L79E 124+75N	9	1
STD C/AU-S	41	48

SAMPLE#	As PPM	Au* PPB
L79E 124+50N	20	1
L79E 124+25N	12	1
L79E 124+00N	14	3
L79E 123+50N	12	2
L79E 123+25N	7	3
L79E 123+00N	8	1
L79E 122+75N	9	1
L79E 122+50N	12	4
L79E 122+25N	15	5
L79E 122+00N	6	1
L79E 121+75N	19	1
L79E 121+50N	7	4
L79E 121+25N	12	1
L79E 121+00N	8	1
L79E 120+75N	14	1
L79E 120+50N	16	2
L79E 120+25N	11	1
L79E 120+00N	9	2
L108E 5+00N	7	1
L108E 4+75N	12	1
L108E 4+50N	14	2
L108E 4+25N	7	1
L108E 4+00N	5	2
L108E 3+75N	5	1
L108E 3+50N	9	3
L108E 3+25N	19	1
L108E 3+00N	6	1
L108E 2+75N	6	1
L108E 2+50N	6	1
L108E 2+25N	6	1
L108E 2+00N	7	1
L108E 1+75N	13	2
L108E 1+50N	12	1
L108E 1+00N	4	1
L108E 0+75N	7	1
L108E 0+50N	9	4
STD C/AU-S	40	49

SAMPLE#	As PPM	Au* PPB
L108E 0+25N	9	2
L108E 0+00N	7	4
L108E 0+25S	8	1
L108E 0+50S	6	3
L108E 0+75S	11	1
L108E 1+00S	9	2
L108E 1+75S	5	1
L108E 2+00S	5	1
L108E 2+25S	2	4
L108E 2+50S	6	1
L108E 2+75S	5	1
L108E 3+00S	2	2
L110E 5+00N	2	3
L110E 4+75N	5	1
L110E 4+50N	6	1
L110E 4+25N	16	1
L110E 4+00N	7	4
L110E 3+75N	4	2
L110E 3+50N	3	1
L110E 3+25N	4	2
L110E 3+00N	3	1
L110E 2+75N	3	1
L110E 2+50N	6	1
L110E 2+25N	8	1
L110E 2+00N	5	1
L110E 1+75N	7	1
L110E 1+50N	7	1
L110E 1+25N	2	4
L110E 1+00N	2	1
L110E 0+75N	6	1
L110E 0+50N	3	2
L110E 0+25N	6	1
L110E 0+00N	7	1
L110E 0+25S	8	1
L110E 0+50S	8	1
L110E 0+75S	6	1
STD C/AU-S	38	52

SAMPLE#	As PPM	Au* PPB
L110E 1+00S	10	2
L110E 1+25S	11	3
L110E 1+50S	6	6
L110E 1+75S	11	2
L110E 2+00S	5	1
L110E 2+50S	8	1
L110E 2+75S	5	4
L110E 3+00S	7	1
L112E 5+00N	10	3
L112E 4+75N	7	4
L112E 4+50N	27	4
L112E 4+25N	13	1
L112E 4+00N	13	2
L112E 3+75N	14	2
L112E 3+50N	10	3
L112E 3+25N	15	3
L112E 3+00N	8	1
L112E 2+75N	3	1
L112E 2+50N	2	1
L112E 2+25N	2	1
L112E 2+00N	2	1
L112E 1+75N	3	2
L112E 1+50N	3	2
L112E 1+25N	5	3
L112E 1+00N	4	2
L112E 0+75N	8	3
L112E 0+50N	7	1
L112E 0+25N	5	3
L112E 0+00N	4	2
L112E 0+25S	17	2
L112E 0+50S	19	6
L112E 0+75S	10	4
L112E 1+00S	4	1
L112E 1+25S	11	2
L112E 1+50S	13	2
L112E 1+75S	6	1
STD C/AU-S	45	53

SAMPLE#	As PPM	Au* PPB
L112E 2+00S	2	4
L112E 2+25S	6	1
L112E 2+50S	6	6
L112E 2+75S	4	5
L123E 3+00N	8	4
L123E 2+75N	6	1
L123E 2+50N	8	1
L123E 2+25N	8	3
L123E 2+00N	6	1
L123E 1+75N	4	1
L123E 1+50N	8	2
L123E 1+25N	9	3
L123E 1+00N	6	1
L123E 0+75N	10	3
L123E 0+50N	10	1
L123E 0+25N	6	3
L123E 0+00N	6	1
L123E 0+25S	3	1
L123E 0+50S	2	1
L123E 0+75S	8	2
L123E 1+00S	5	3
L123E 1+25S	5	2
L123E 1+50S	9	1
L123E 1+75S	9	1
L123E 2+00S	8	4
L123E 2+25S	8	1
L123E 2+50S	6	2
L123E 2+75S	8	1
L123E 3+00S	8	2
L125E 3+00N	10	1
L125E 2+50N	8	1
L125E 2+25N	6	1
L125E 2+00N	9	6
L125E 1+75N	8	1
L125E 1+50N	15	4
L125E 1+25N	6	2
STD C/AU-S	43	50

SAMPLE#	As PPM	Au* PPB
L125E 1+00N	3	4
L125E 0+75N	6	1
L125E 0+50N	6	4
L125E 0+25N	10	2
L125E 0+00N	9	3
L125E 0+25S	4	9
L125E 0+50S	2	1
L125E 0+75S	5	1
L125E 1+00S	7	5
L125E 1+25S	11	2
L125E 1+50S	4	1
L125E 1+75S	7	3
L125E 2+00S	2	1
L125E 2+25S	5	1
L125E 2+50S	2	3
L125E 2+75S	4	3
L125E 3+00S	9	1
L127E 10+25N	8	3
L127E 10+00N	6	1
L127E 9+75N	3	2
L127E 9+50N	5	1
L127E 9+25N	5	1
L127E 9+00N	3	1
L127E 8+75N	4	1
L127E 8+50N	5	1
L127E 8+25N	10	3
L127E 8+00N	13	2
L127E 7+75N	10	9
L127E 7+50N	7	1
L127E 7+25N	5	1
L127E 7+00N	6	2
L127E 6+75N	4	1
L127E 6+50N	5	1
L127E 6+25N	5	1
L127E 6+00N	15	1
L127E 5+75N	8	2
STD C/AU-S	37	47

SAMPLE#	As PPM	Au* PPB
L127E 5+50N	6	1
L127E 5+25N	2	2
L127E 5+00N	7	2
L127E 4+75N	9	1
L127E 4+50N	4	2
L127E 4+25N	3	2
L127E 4+25N A	2	2
L127E 4+00N	8	4
L127E 3+75N	8	1
L127E 3+50N	4	4
L127E 3+25N	12	1
L127E 3+00N	5	1
L127E 2+75N	6	2
L127E 2+50N	3	4
L127E 2+25N	8	2
L127E 2+00N	6	1
L127E 1+75N	8	4
L127E 1+50N	5	2
L127E 1+25N	3	1
L127E 1+00N	5	1
L127E 0+75N	6	2
L127E 0+50N	6	1
L127E 0+25N	5	2
L127E 0+00N	5	2
L127E 0+25S	2	1
L127E 0+50S	2	3
L127E 0+75S	6	3
L127E 1+00S	6	4
L127E 1+25S	5	2
L127E 1+50S	4	1
L127E 1+75S	8	1
L127E 2+00S	10	2
L127E 2+25S	11	2
L127E 2+50S	9	4
L127E 2+75S	9	3
L127E 3+00S	2	2
L127E 10+75S	14	3
STD C/AU-S	39	49

SAMPLE#	As PPM	Au* PPB
L136E 1+75N	3	1
L136E 1+50N	6	2
L136E 1+00N	10	1
L136E 0+75N	17	2
L136E 0+50N	4	3
L136E 0+25N	16	4
L136E 0+00N	9	5
L136E 0+25S	6	1
L136E 0+50S	2	2
L136E 0+75S	4	1
L136E 1+00S	3	2
L136E 1+25S	4	1
L136E 1+50S	12	3
L136E 1+75S	6	1
L136E 2+00S	11	1
L136E 2+25S	6	1
L136E 2+50S	7	1
L136E 2+75S	2	3
L136E 3+25S	10	1
L138E 3+00N	4	1
L138E 2+75N	12	2
L138E 2+50N	5	1
L138E 2+25N	6	1
L138E 2+00N	6	2
L138E 1+75N	4	1
L138E 1+50N	9	2
L138E 1+25N	9	1
L138E 1+00N	6	1
L138E 0+75N	9	4
L138E 0+50N	5	1
L138E 0+25N	5	3
L138E 0+00N	6	4
L138E 0+25S	5	2
L138E 0+50S	4	15
L138E 0+75S	6	1
L138E 1+00S	5	1
L138E 1+25S	9	4
STD C/AU-S	39	52

SAMPLE#	As PPM	Au* PPB
L138E 1+50S	6	5
L138E 1+75S	8	4
L138E 2+00S	8	3
L138E 2+25S	8	2
L138E 2+50S	10	6
L138E 2+75S	9	3

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHO(604)253-3158 FAX(604)253-1716

DATE RECEIVED: JUL 25 1988
DATE REPORT MAILED: Aug. 3/88.

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-P6 HUMUS P7 ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

ASSAYER: C. Leong D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

INDEPENDENT EXPLORATION PROJECT A,LAKE FILE # 88-3035 Page 1

SAMPLE#	As PPM	Au* PPB
L100+00E ST103+75N	7	1
L100+00E ST103+50N	4	1
L100+00E ST103+25N	11	1
L100+00E ST103+00N	4	1
L100+00E ST102+50N	8	1
L100+00E ST102+25N	11	1
L100+00E ST102+00N	5	1
L100+00E ST101+50N	5	4
L100+00E ST101+25N	7	2
L100+00E ST101+00N	6	1
L101+00E ST104+00N	9	1
L101+00E ST103+75N	9	2
L101+00E ST103+00N	10	1
L101+00E ST102+75N	5	1
L101+00E ST102+50N	35	6
L101+00E ST102+25N	3	1
L101+00E ST100+75N	7	6
L101+00E ST100+50N	2	8
L102E ST104+00N	11	1
L102E ST103+75N	9	1
L102E ST103+25N	5	1
L102E ST103+00N	9	1
L102E ST100+00N	7	1
L103E ST104+00N	8	1
L103E ST103+75N	7	1
L103E ST100+00N	14	4
L104E 103+25N	7	1
L104E 100+00N	3	1
L105E 104+00N	9	2
L105E 102+50N	9	1
L105E 100+25N	2	1
L105E BLN	15	2
L106E 104N	14	3
L106E 103+75N	25	1
L106E 103+50N	16	5
L106E 103+25N	7	2
STD C/AU-S	37	53

SAMPLE#	As PPM	Au* PPB
L106E 103+00N	11	12
L106E 102+75N	20	7
L106E 102+50N	12	6
L106E 100+50N	12	2
L106E 100+25N	5	7
L106E BLN	14	1
L107E 104N	11	9
L107E 103+75N	14	1
L107E 103+50N	10	6
L107E 103+25N	13	1
L107E 103+00N	9	1
L107E 102+75N	10	1
L107E 102+50N	11	1
L107E 102+00N	22	3
L107E 101+75N	7	2
L107E 101+50N	11	1
L107E 101+25N	8	3
L107E 101+00N	11	12
L107E 100+75N	9	4
L107E 100+50N	11	9
L107E 100+25N	11	1
L107E BLN	15	1
L108E 103N	15	4
L108E 102+75N	20	1
L108E 102+50N	12	5
L108E 102+25N	15	1
L108E 102+00N	4	1
L108E 101+75N	5	28
L108E 101+25N	28	67
L108E 101+00N	94	2
L108E 100+75N	27	1
L108E 100+50N	9	26
L109E 101+50N	32	1
L109E 101+25N	37	1
L109E 101+00N	13	1
L109E 100+75N	19	1
STD C/AU-S	41	50

SAMPLE#	As PPM	Au* PPB
L109E 100+50N	7	1
L109E 100+25N	23	5
L109E 100+00N	8	2
L118E 104N	23	3
L118E 103+75N	14	4
L118E 103+50N	7	1
L118E 103+25N	9	1
L118E 103+00N	11	2
L118E 102+75N	6	1
L118E 102+50N	18	8
L118E 102+25N	43	2
L118E 102+00N	21	1
L118E 101+75N	11	2
L118E 101+50N	9	1
L118E 101+25N	8	3
L118E 101+00N	15	2
L118E 100+75N	8	2
L118E 100+50N	8	1
L118E 100+25N	4	4
L118E BLN	11	2
L119E 104+00N	7	1
L119E 103+75N	4	1
L119E 103+50N	6	1
L119E 103+25N	7	1
L119E 103+00N	3	2
L119E 102+75N	7	1
L119E 102+25N	39	1
L119E 102+00N	27	1
L119E 101+75N	16	2
L119E 101+50N	5	1
L119E 100+75N	5	1
L119E 100+50N	10	1
L119E 100+25N	5	1
L119E BLN	2	1
L120E 104+25N	8	2
L120E 104+00N	9	11
STD C/AU-S	40	53

SAMPLE#	As PPM	Au* PPB
L120E 103+50N	6	9
L120E 103+00N	8	1
L120E 102+50N	10	1
L120E 102+25N	42	2
L120E 100+00N	11	1
L121E 104+75N	9	2
L121E 104+50N	19	1
L121E 104+25N	9	1
L121E 104+00N	16	1
L121E 103+75N	5	2
L121E 103+50N	5	1
L121E 103+25N	4	1
L121E 103+00N	8	1
L121E 102+75N	7	1
L121E 102+50N	18	1
L121E 102+25N	34	1
L121E 102+00N	18	2
L121E 101+75N	14	1
L121E 101+50N	5	1
L121E 101+25N	9	1
L121E 101+00N	12	2
L121E 100+75N	6	1
L121E 100+50N	7	2
L121E 100+25N	8	1
L121E 100+00N	6	1
L122E 104+50N	8	1
L122E 104+25N	12	1
L122E 104+00N	14	1
L122E 103+75N	2	1
L122E 103+50N	5	2
L122E 103+25N	3	1
L122E 103+00N	6	1
L122E 102+75N	3	2
L122E 102+25N	4	1
L122E 102+00N	9	1
L122E 101+75N	15	1
STD C/AU-S	40	51

SAMPLE#	As PPM	Au* PPB
L122E 101+50N	46	1
L122E 101+25N	18	1
L122E 101+00N	8	1
L122E 100+75N	15	2
L122E 100+50N	9	1
L122E 100+25N	12	2
L122E 100+00N	10	1
L152E 105+00N	4	1
L152E 104+75N	3	1
L152E 104+25N	16	2
L152E 104+00N	4	1
L152E 103+75N	2	1
L152E 103+50N	9	1
L152E 103+25N	4	2
L152E 103+00N	30	1
L152E 102+75N	6	4
L152E 102+50N	7	1
L152E 102+25N	11	1
L152E 102+00N	14	1
L152E 101+75N	11	3
L152E 101+50N	6	2
L152E 101+25N	5	1
L152E 101+00N	6	1
L153E 105+00N	4	1
L153E 104+75N	11	2
L153E 103+75N	3	1
L153E 103+50N	4	1
L153E 103+25N	37	1
L153E 103+00N	32	1
L153E 102+75N	15	4
L153E 102+50N	10	2
L153E 102+25N	13	1
L153E 102+00N	28	1
L153E 101+75AN	9	1
L153E 101+75N	17	18
L153E 101+50N	9	1
STD C/AU-S	41	53

SAMPLE#	As PPM	Au* PPB
L153E 101+25N	9	1
L153E 101+00N	9	1
L154E 105+00N	2	2
L154E 104+75N	8	1
L154E 104+50N	5	1
L154E 104+25N	4	1
L154E 104+00N	10	2
L154E 103+75N	11	1
L154E 103+50N	26	1
L154E 103+25N	38	4
L154E 103+00N	1978	6
L154E 102+75N	18	1
L154E 102+50N	19	14
L154E 102+25N	17	1
L154E 102+00N	7	1
L154E 101+75N	6	2
L154E 101+50N	11	1
L154E 101+25NA	11	2
L154E 101+25NB	6	2
L154E 101+25NC	6	3
L154E 101+00N	14	2
L155E 105+00N	6	1
L155E 104+75N	5	1
L155E 104+50N	9	1
L155E 104+25N	3	1
L155E 104+00N	2	1
L155E 103+75N	9	1
L155E 103+50N	6	9
L155E 103+25N	9	2
L155E 103+00N	9	1
L155E 102+75N	3	1
L155E 102+50N	6	1
L155E 102+25N	10	6
L155E 102+00N	10	2
L155E 101+75N	5	1
L155E 101+50N	14	3
L155E 101+00N	6	7
STD C/AU-S	41	52

PART V GEOPHYSICAL SURVEYS

5.1 GEOPHYSICAL SURVEY RESULTS

VLF-EM, total field magnetometer and gradiometer readings were recorded utilizing an EDA Omni-Plus integrated system. Readings were taken along picket lines spaced at 100 meters and station intervals along picket lines were 12.5 meters.

The field data is recovered daily in two formats:

1). The data is transferred from the memory banks of the instruments to magnetic disks via a "NEC Multispeed" Lap Top Computer.

2). The data is saved on hard copy print out for backup purposes.

The data processing and plotting of maps was carried out utilizing the Geosoft software package operated on an IBM PS2 (Model 60) computer interface with an H.P. Plotter.

The diurnal correction of the total field magnetic data was done automatically during the data dump procedure by interfacing the field magnetometer with the base station magnetometer. The sample interval on the base station unit was programmed for 30 seconds.

The gradiometer survey records the vertical magnetic gradient between the upper and lower sensor. The vertical distance between the two sensors is 0.5 meters.

The VLF-EM module of the Omni Plus was tuned to two stations.

1). NKL - Jim Creek, Washington, operating at a frequency of 24.8 KH$_z$.

2). NAA - Cutler, Maine, operating at a frequency of 24.0 KH$_z$.

During the latter part of the surveys problems were encountered obtaining a usable signal from Jim Creek, Washington, therefore, only Cutler, Maine was used.

5.2 PRESENTATION OF RESULTS

The results of the geophysical VLF-EM - T.F. magnetometer and gradiometer surveys are presented at a scale of 1:5000 on accompanying plans. Due to the large area surveyed the data is presented on 6 plans. The previously hand contoured data on the 1987 grid has been replotted at the same scale to provide uniformity.

COMMENTS

The ground geophysical VLF-EM and Magnetometer surveys traced and pin pointed the airborne geophysical anomalies, thus providing a sound basis for evaluation by diamond drilling. The iron formation of interest is readily traced over a strike length of approximately 16.0 km. The ground geophysical surveys indicate that:

1). The BIF horizon is discontinuous along strike. This is believed to be caused by:

a). slip-strike shearing and boudinaging

b). faulting and minor displacement

c). S & Z type folding and/or faulting.

Line 107+00E, 108+00E and 109+00E cross the Helder Lake occurrence. The VLF-EM and magnetic response is strong. The strongest VLF-EM and magnetometer response is strongest to the west from 96+00E to 100+00E. This is probably due to larger concentration of magnetite within the BIF. The BIF was observed to thin from approximately L110+00E to L113+00E at which point it pinches out.

One would expect that where the replacement of magnetite has been concentrated the magnetic response should decrease. Thus the accumulation of economic mineralization would be in magnetic low areas along the iron formation. However, as little is presently known about the area:

1). If replacement has not been complete as in the Helder occurrence area the magnetic response remains strong.

2). Due to boudinaging of the BIF in areas of greater thickness considerable magnetite may remain even though considerable magnetite has been replaced.

High concentrations of magnetic mineralization is apparent in the S fold structure in the area of lines 155+00E to 165+00E.

Areas of high and low magnetic responses should be tested to determine if the magnetic response can be used as a key to concentration of mineralization.

Cross cutting shears and faults crossing and/or parallel but proximal to the BIF may also be loci for mineral deposition.

A number of VLF-EM responses outside of the BIF are probably due to shear zones. The strength of the VLF-EM responses along some of these zones indicate the presence of strongly conductive sulfides and/or graphite. Wall rock alteration and mineralization has been observed in the vicinity of these shears in a number of localities.

Based on combined geophysical, geochemical and geological evidence the areas as designated and discussed in the conclusion are deemed to be most favourable for hosting economic gold and/or base metals mineralization.

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File: CL.HELDER.1
Report: Can.Eagle.Option

CLAIM NO.	S. DATE	TIME	R.DATE	DUE DATE	STAKER	HOLDER	T.DATE	AREA	W. DUE	-	-
967351	Feb 7 87	2:00 PM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967352	Feb 7 87	3:00 PM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967353	Jan 27 87	12:15 PM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967354	Jan 27 87	3:00 PM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967355	Jan 26 87	9:00 AM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967356	Jan 26 87	3:30 PM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967357	Jan 26 87	1:30 PM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967358	Jan 26 87	11:00 AM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967359	Jan 27 87	8:00 AM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967360	Jan 27 87	10:30 AM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967361	Feb 7 87	9:00 AM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967362	Feb 7 87	10:00 AM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967363	Feb 7 87	8:00 AM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967364	Feb 7 87	9:00 AM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967365	Jan 29 87	9:45 AM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967366	Jan 29 87	8:00 AM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967367	Jan 28 87	8:30 AM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967368	Jan 28 87	2:30 PM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967369	Jan 28 87	12:30 PM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967370	Jan 28 87	9:45 AM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967371	Jan 29 87	2:45 PM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967372	Jan 29 87	12:30 PM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967373	Feb 6 87	1:00 PM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967374	Feb 6 87	12:00 PM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967375	Feb 6 87	11:00 AM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967376	Jan 30 87	8:00 AM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967377	Jan 30 87	10:00 AM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967378	Jan 31 87	8:30 AM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967379	Jan 31 87	10:15 AM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967380	Feb 1 87	9:00 AM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967381	Feb 1 87	11:00 AM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967382	Feb 1 87	1:00 PM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967383	Jan 31 87	3:00 PM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967384	Jan 30 87	12:30 PM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967385	Feb 4 87	3:30 PM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967386	Feb 6 87	10:00 AM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967387	Feb 6 87	8:00 AM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967388	Feb 4 87	8:30 AM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967389	Feb 4 87	10:00 AM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967390	Feb 2 87	8:00 AM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967391	Feb 2 87	10:45 AM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967392	Feb 2 87	2:00 PM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967393	Feb 3 87	8:30 AM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967394	Feb 3 87	3:30 PM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967395	Feb 4 87	2:00 PM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967396	Feb 5 87	8:00 AM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967397	Feb 5 87	10:15 AM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967398	Feb 5 87	2:30 PM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967399	Feb 3 87	1:15 PM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967400	Feb 3 87	11:00 AM	Feb 11 87	Feb 11 88	L. Chastko	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		

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CLAIM NO.	S. DATE	TIME	R.DATE	DUE DATE	STAKER	HOLDER	T.DATE	AREA	W. DUE	-	-
967451	Feb 5 87	8:45 AM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967452	Feb 5 87	3:30 PM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967453	Feb 6 87	9:00 AM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967454	Feb 6 87	3:00 PM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967455	Feb 7 87	2:00 PM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967456	Feb 7 87	11:00 AM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967457	Feb 7 87	8:15 AM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967458	Feb 6 87	11:00 AM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967459	Feb 5 87	1:15 PM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967460	Feb 5 87	11:00 AM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967461	Jan 26 87	9:00 AM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967462	Jan 26 87	10:00 AM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967463	Jan 26 87	11:00 AM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967464	Jan 26 87	12:30 PM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967465	Jan 26 87	2:00 PM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967466	Jan 26 87	3:00 PM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967467	Jan 27 87	8:00 AM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967468	Jan 27 87	10:00 AM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967469	Jan 27 87	1:00 PM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967470	Jan 27 87	3:00 PM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967471	Jan 28 87	11:30 AM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967472	Jan 28 87	9:00 AM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967473	Jan 29 87	8:00 AM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967474	Jan 29 87	10:15 AM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967475	Jan 29 87	12:30 PM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967476	Jan 29 87	2:30 PM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967477	Jan 28 87	3:45 PM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967478	Jan 28 87	1:30 PM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967479	Feb 2 87	11:00 AM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967480	Feb 2 87	9:00 AM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967481	Feb 3 87	8:30 AM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967482	Feb 3 87	11:00 AM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967483	Feb 4 87	1:30 PM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967484	Feb 3 87	3:30 PM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967485	Feb 2 87	11:00 AM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967486	Feb 1 87	2:00 PM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967487	Jan 31 87	10:00 AM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967488	Jan 31 87	8:00 AM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967489	Jan 30 87	3:00 PM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967490	Jan 30 87	8:30 AM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967491	Jan 30 87	10:15 AM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967492	Jan 30 87	12:30 PM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967493	Jan 31 87	2:00 PM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967494	Feb 1 87	9:00 AM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967495	Feb 1 87	11:00 AM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967496	Feb 2 87	2:00 PM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967497	Feb 4 87	11:00 AM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967498	Feb 4 87	9:00 AM	Feb 11 87	Feb 11 88	H. Hessner	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967566	Jan 27 87	3:00 PM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967567	Jan 27 87	9:00 AM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		

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CLAIM NO.	S. DATE	TIME	R.DATE	DUE DATE	STAKER	HOLDER	T.DATE	AREA	W. DUE	-	-
967401	Jan 26 87	8:30 AM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967402	Jan 26 87	11:00 AM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967403	Jan 26 87	2:45 PM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967404	Jan 27 87	10:00 AM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967405	Jan 27 87	8:00 AM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967406	Jan 27 87	12:30 PM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967407	Jan 27 87	2:00 PM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967408	Jan 31 87	10:45 AM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967409	Jan 31 87	8:30 AM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967410	Feb 3 87	8:00 AM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967411	Feb 3 87	3:00 PM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967412	Feb 4 87	8:00 AM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967413	Feb 5 87	8:00 AM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967414	Feb 5 87	10:00 AM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967415	Feb 4 87	9:00 AM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967416	Feb 3 87	12:30 PM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967417	Feb 3 87	10:15 AM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967418	Jan 31 87	3:30 PM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967419	Jan 31 87	1:15 PM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967420	Jan 28 87	8:30 AM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967421	Jan 28 87	10:00 AM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967422	Jan 29 87	9:00 AM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967423	Jan 28 87	1:00 PM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967424	Jan 28 87	3:30 PM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967425	Feb 1 87	11:30 AM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967426	Feb 1 87	9:00 AM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967427	Feb 4 87	3:30 PM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967428	Feb 4 87	2:00 PM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967429	Feb 4 87	10:30 AM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967430	Feb 5 87	11:00 AM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967431	Feb 5 87	2:00 PM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967432	Feb 6 87	8:30 AM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967433	Feb 6 87	10:45 AM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967434	Feb 2 87	12:45 PM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967435	Feb 1 87	3:30 PM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967436	Feb 1 87	1:15 PM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967437	Jan 30 87	3:00 PM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967438	Jan 29 87	2:30 PM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967439	Jan 29 87	11:30 AM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967440	Jan 30 87	8:30 AM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967441	Jan 30 87	10:00 AM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967442	Jan 30 87	12:30 PM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967443	Feb 2 87	8:00 AM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967444	Feb 2 87	10:00 AM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967445	Feb 2 87	11:30 AM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967446	Feb 6 87	2:00 PM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967447	Feb 7 87	9:45 AM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967448	Feb 7 87	8:00 AM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967449	Feb 7 87	2:45 PM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967450	Feb 7 87	12:30 PM	Feb 11 87	Feb 11 88	B. Rochelle	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		

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CLAIM NO.	S. DATE	TIME	R.DATE	DUE DATE	STAKER	HOLDER	T.DATE	AREA	W. DUE	-	-
967568	Jan 26 87	8:30 AM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967569	Jan 26 87	9:45 AM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967570	Jan 25 87	3:00 PM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967571	Jan 25 87	8:30 AM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967572	Jan 24 87	3:30 PM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967573	Jan 24 87	9:00 AM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967574	Jan 24 87	11:30 AM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967575	Jan 24 87	2:00 PM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967576	Jan 25 87	11:00 AM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967577	Jan 25 87	1:30 PM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967578	Jan 26 87	11:45 AM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967579	Jan 26 87	2:00 PM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967580	Jan 27 87	11:30 AM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967581	Jan 27 87	1:30 PM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967582	Jan 28 87	8:30 AM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967583	Jan 28 87	11:00 AM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967584	Jan 29 87	9:30 AM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967585	Jan 29 87	1:00 PM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967586	Jan 30 87	8:45 AM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967587	Jan 30 87	11:00 AM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967588	Jan 31 87	3:00 PM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967589	Jan 31 87	8:30 AM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967590	Jan 31 87	10:45 AM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967591	Jan 31 87	1:15 PM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967592	Jan 30 87	1:30 PM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967593	Jan 30 87	3:30 PM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967594	Jan 29 87	3:30 PM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967595	Jan 29 87	8:00 AM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967596	Jan 28 87	1:30 PM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967597	Feb 1 87	3:30 PM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967598	Feb 1 87	1:30 PM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967599	Feb 2 87	8:30 AM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967600	Feb 2 87	3:15 PM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967601	Feb 3 87	8:45 AM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967602	Feb 3 87	11:00 AM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967603	Feb 4 87	8:45 AM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967604	Feb 4 87	10:00 AM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967605	Feb 3 87	1:30 PM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967606	Feb 3 87	3:30 PM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967607	Feb 2 87	1:30 PM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967608	Feb 2 87	9:45 AM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967609	Feb 1 87	10:00 AM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967610	Feb 1 87	8:00 AM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967611	Feb 7 87	8:00 AM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967612	Feb 6 87	9:45 AM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967613	Feb 6 87	8:15 AM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967614	Feb 5 87	3:30 PM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967615	Feb 5 87	8:30 AM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967616	Feb 4 87	12:15 PM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967617	Feb 4 87	1:45 PM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		

CLAIM NO.	S. DATE	TIME	R.DATE	DUE DATE	STAKER	HOLDER	T.DATE	AREA	W. DUE	-	-
967618	Feb 5 87	10:00 AM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967619	Feb 5 87	1:00 PM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967620	Feb 6 87	2:00 PM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967621	Feb 6 87	11:30 AM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967622	Feb 7 87	9:00 AM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967623	Feb 7 87	11:00 AM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967624	Feb 7 87	1:30 PM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967625	Feb 8 87	9:30 AM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967626	Feb 8 87	11:00 AM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967627	Feb 8 87	3:45 PM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967628	Feb 8 87	2:30 PM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967629	Feb 8 87	1:00 PM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967630	Feb 8 87	8:00 AM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		
967631	Feb 7 87	3:45 PM	Feb 11 87	Feb 11 88	S. Ombash	Can. Eagle Expl.	Feb 25 87	Lennan Lake (G-2522)	20 da.		

File: CL.HELDER.2

Report: ChampionBear Claims

CLAIM NO	S. DATE	TIME	R. DATE	DUE DATE	STAKER	HOLDER	T. DATE	AREA	ASSESS W. DUE
967801	Jan 26 88	7:00 AM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967802	Jan 26 88	8:00 AM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967803	Jan 26 88	9:00 AM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967804	Jan 26 88	10:00 AM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967805	Jan 26 88	11:00 AM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967806	Jan 26 88	12:00 PM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967807	Jan 26 88	1:00 PM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967808	Jan 26 88	2:00 PM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967809	Jan 26 88	3:00 PM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967810	Jan 26 88	4:00 PM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967811	Jan 26 88	5:00 PM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967812	Jan 27 88	7:00 AM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967813	Jan 27 88	8:00 AM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967814	Jan 27 88	9:00 AM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967815	Jan 27 88	10:00 AM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967816	Jan 27 88	11:00 AM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967817	Jan 27 88	12:00 PM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967818	Jan 27 88	1:00 PM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967819	Jan 27 88	2:00 PM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967820	Jan 27 88	3:00 PM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967821	Jan 27 88	4:00 PM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967822	Jan 27 88	5:00 PM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967823	Jan 28 88	7:00 AM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967824	Jan 28 88	8:00 AM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967825	Jan 28 88	9:00 AM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967826	Jan 28 88	10:00 AM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967827	Jan 28 88	11:00 AM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967828	Jan 28 88	12:00 PM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967829	Jan 28 88	1:00 PM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967830	Jan 28 88	2:00 PM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967831	Jan 28 88	3:00 PM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967832	Jan 28 88	4:00 PM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967833	Jan 28 88	5:00 PM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967834	Jan 29 88	7:00 AM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967835	Jan 29 88	8:00 AM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967836	Jan 29 88	9:00 AM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967837	Jan 29 88	10:00 AM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967838	Jan 29 88	11:00 AM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967839	Jan 29 88	12:00 PM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967840	Jan 29 88	1:00 PM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967841	Jan 29 88	2:00 PM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967842	Jan 29 88	3:00 PM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967843	Jan 29 88	4:00 PM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967844	Jan 29 88	5:00 PM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967845	Jan 30 88	7:00 AM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967846	Jan 30 88	8:00 AM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967847	Jan 30 88	9:00 AM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967848	Jan 30 88	10:00 AM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967849	Jan 30 88	11:00 AM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967850	Jan 30 88	12:00 PM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	

CLAIM NO	S. DATE	TIME	R. DATE	DUE DATE	STAKER	HOLDER	T. DATE	AREA	ASSESS W. DUE
967851	Jan 30 88	1:00 PM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967852	Jan 30 88	2:00 PM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967853	Jan 30 88	3:00 PM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967854	Jan 30 88	4:00 PM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967855	Jan 30 88	5:00 PM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967856	Jan 31 88	7:00 AM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967857	Jan 31 88	8:00 AM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967858	Jan 31 88	9:00 AM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967859	Jan 31 88	10:00 AM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967860	Jan 31 88	11:00 AM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967861	Jan 31 88	12:00 PM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967862	Jan 31 88	1:00 PM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967863	Jan 31 88	2:00 PM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967864	Jan 31 88	3:00 PM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967865	Jan 31 88	4:00 PM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967866	Jan 31 88	5:00 PM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967867	Feb 1 88	7:00 AM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967868	Feb 1 88	8:00 AM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967869	Feb 1 88	9:00 AM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967870	Feb 1 88	10:00 AM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967871	Feb 1 88	11:00 AM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967872	Feb 1 88	12:00 PM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967873	Feb 1 88	1:00 PM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967874	Feb 1 88	2:00 PM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967875	Feb 1 88	3:00 PM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967876	Feb 1 88	4:00 PM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967877	Feb 1 88	5:00 PM	Jun 22 88	Feb 2 89	T.Keewaycabo	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967951	Feb 2 88	7:00 AM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967952	Feb 2 88	8:00 AM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967953	Feb 2 88	9:00 AM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967954	Feb 2 88	10:00 AM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967955	Feb 2 88	11:00 AM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967956	Feb 2 88	12:00 PM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967957	Feb 2 88	1:00 PM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Treelined (G-2651)	
967958	Feb 2 88	2:00 PM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)	
967959	Feb 2 88	3:00 PM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)	
967960	Feb 2 88	4:00 PM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)	
967961	Feb 2 88	5:00 PM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)	
967962	Feb 3 88	7:00 AM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)	
967963	Feb 3 88	8:00 AM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)	
967964	Feb 3 88	9:00 AM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)	
967965	Feb 3 88	10:00 AM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)	
967966	Feb 3 88	11:00 AM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)	
967967	Feb 3 88	12:00 PM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)	
967968	Feb 3 88	1:00 PM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)	
967969	Feb 3 88	2:00 PM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)	
967970	Feb 3 88	3:00 PM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)	
967971	Feb 3 88	4:00 PM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)	
967972	Feb 3 88	5:00 PM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)	
967973	Feb 4 88	7:00 AM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)	

File: CL.HELDER.2
Report: ChampionBear Claims

CLAIM NO	S. DATE	TIME	R. DATE	DUE DATE	STAKER	HOLDER	T. DATE	AREA	ASSESS	W. DUE
967974	Feb 4 88	8:00 AM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)		
967975	Feb 4 88	9:00 AM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)		
967976	Feb 4 88	10:00 AM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)		
967977	Feb 4 88	11:00 AM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)		
967978	Feb 4 88	12:00 PM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)		
967979	Feb 4 88	1:00 PM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)		
967980	Feb 4 88	2:00 PM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)		
967981	Feb 4 88	3:00 PM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)		
967982	Feb 4 88	4:00 PM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)		
967983	Feb 4 88	5:00 PM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)		
967984	Feb 5 88	7:00 AM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)		
967985	Feb 5 88	8:00 AM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)		
967986	Feb 5 88	9:00 AM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)		
967987	Feb 5 88	10:00 AM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)		
967988	Feb 5 88	11:00 AM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)		
967989	Feb 5 88	12:00 PM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)		
967990	Feb 5 88	1:00 PM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)		
967991	Feb 5 88	2:00 PM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Campfire (G-717)		
967992	Feb 5 88	3:00 PM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)		
967993	Feb 5 88	4:00 PM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)		
967994	Feb 5 88	5:00 PM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)		
967995	Feb 6 88	7:00 AM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Campfire (G-717)		
967996	Feb 6 88	8:00 AM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)		
967997	Feb 6 88	9:00 AM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)		
967998	Feb 6 88	10:00 AM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)		
967999	Feb 6 88	11:00 AM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Campfire (G-717)		
1022695	Feb 6 88	12:00 PM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)		
1022696	Feb 6 88	1:00 PM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)		
1022697	Feb 6 88	2:00 PM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)		
1022698	Feb 6 88	3:00 PM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)		
1022699	Feb 6 88	4:00 PM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)		
1022700	Feb 6 88	5:00 PM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)		
1022701	Feb 7 88	7:00 AM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)		
1022702	Feb 7 88	8:00 AM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Campfire (G-717)		
1022703	Feb 7 88	9:00 AM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Campfire (G-717)		
1022704	Feb 7 88	10:00 AM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)		
1022705	Feb 7 88	11:00 AM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)		
1022706	Feb 7 88	12:00 PM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Campfire (G-717)		
1022707	Feb 7 88	1:00 PM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Campfire (G-717)		
1022708	Feb 7 88	2:00 PM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)		
1022709	Feb 7 88	3:00 PM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)		
1022710	Feb 7 88	4:00 PM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Campfire (G717)		
1022711	Feb 7 88	5:00 PM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Campfire (G717)		
1022712	Feb 8 88	7:00 AM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)		
1022713	Feb 8 88	8:00 AM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)		
1022714	Feb 8 88	9:00 AM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Campfire (G717)		
1022715	Feb 8 88	10:00 AM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Campfire (G717)		
1022716	Feb 8 88	11:00 AM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)		
1022717	Feb 8 88	12:00 PM	Jun 22 88	Feb 2 89	E.Ombash	Champion Bear Resources Ltd.	Jun 22 88	Lennan (G-2522)		

File: CL.HELDER.3

Report: ChampionBear Claims

Nov 1/88

CLAIM NO	S.DATE	TIME	R.DATE	DUE DATE	STAKER	HOLDER	T. DATE	AREA	W. DUE	ASSES
1058300	Jul 10 88	9:00 AM	Jul 10 88	Jul 10 89	Kerry Grieves	Champion Bear Resources Ltd.	Oct 14 88	Lennan Lake, 82522		
1058301	Jul 10 88	11:00 AM	Jul 10 88	Jul 10 89	Kerry Grieves	Champion Bear Resources Ltd.	Oct 14 88	Lennan Lake, 82522		
1058302	Jul 10 88	2:30 PM	Jul 10 88	Jul 10 89	Kerry Grieves	Champion Bear Resources Ltd.	Oct 14 88	Lennan Lake, 82522		
1058303	Jul 11 88	9:15 AM	Jul 11 88	Jul 10 89	Kerry Grieves	Champion Bear Resources Ltd.	Oct 14 88	Lennan Lake, 82522		
1058304	Jul 11 88	10:30 AM	Jul 11 88	Jul 10 89	Kerry Grieves	Champion Bear Resources Ltd.	Oct 14 88	Lennan Lake, 82522		
1058305	Jul 11 88	1:00 PM	Jul 11 88	Jul 10 89	Kerry Grieves	Champion Bear Resources Ltd.	Oct 14 88	Lennan Lake, 82522		

File: CL.BASS.LK.
Report: ChampionBear Claims

CLAIM NO	S. DATE	TIME	R. DATE	DUE DATE	STAKER	HOLDER	T. DATE	AREA	ASSESS W. DUE
1023473	Jul 7 88	1:30 PM	Jul 15 88	Jul 15 89	E. Ombash	Champion Bear Resources Ltd.	Jul 25 88	Oak Lake (G-2473)	
1023474	Jul 7 88	3:00 PM	Jul 15 88	Jul 15 89	E. Ombash	Champion Bear Resources Ltd.	Jul 25 88	Oak Lake (G-2473)	
1023475	Jul 7 88	4:45 PM	Jul 15 88	Jul 15 89	E. Ombash	Champion Bear Resources Ltd.	Jul 25 88	Oak Lake (G-2473)	
1023476	Jul 7 88	12:00 PM	Jul 15 88	Jul 15 89	E. Ombash	Champion Bear Resources Ltd.	Jul 25 88	Oak Lake (G-2473)	
1023477	Jul 7 88	7:00 AM	Jul 15 88	Jul 15 89	E. Ombash	Champion Bear Resources Ltd.	Jul 25 88	Oak Lake (G-2473)	
1023478	Jul 6 88	5:00 PM	Jul 15 88	Jul 15 89	E. Ombash	Champion Bear Resources Ltd.	Jul 25 88	Oak Lake (G-2473)	
1023479	Jul 6 88	3:30 PM	Jul 15 88	Jul 15 89	E. Ombash	Champion Bear Resources Ltd.	Jul 25 88	Tide Lake (G-2649	
1023480	Jul 6 88	7:00 AM	Jul 15 88	Jul 15 89	E. Ombash	Champion Bear Resources Ltd.	Jul 25 88	Tide Lake (G-2649	
1023481	Jul 6 88	8:45 AM	Jul 15 88	Jul 15 89	E. Ombash	Champion Bear Resources Ltd.	Jul 25 88	Tide Lake (G-2649	
1023482	Jul 6 88	1:45 PM	Jul 15 88	Jul 15 89	E. Ombash	Champion Bear Resources Ltd.	Jul 25 88	Tide Lake (G-2649	
1023483	Jul 6 88	6:30 PM	Jul 15 88	Jul 15 89	E. Ombash	Champion Bear Resources Ltd.	Jul 25 88	Tide Lake (G-2649	
1023484	Jul 7 88	8:45 AM	Jul 15 88	Jul 15 89	E. Ombash	Champion Bear Resources Ltd.	Jul 25 88	Oak Lake (G-2473)	
1023485	Jul 7 88	10:15 AM	Jul 15 88	Jul 15 89	E. Ombash	Champion Bear Resources Ltd.	Jul 25 88	Oak Lake (G-2473)	
1023486	Jul 7 88	6:30 PM	Jul 15 88	Jul 15 89	E. Ombash	Champion Bear Resources Ltd.	Jul 25 88	Oak Lake (G-2473)	
1023487	Jul 5 88	5:00 PM	Jul 15 88	Jul 15 89	E. Ombash	Champion Bear Resources Ltd.	Jul 25 88	Oak Lake (G-2473)	
1023488	Jul 6 88	12:00 PM	Jul 15 88	Jul 15 89	E. Ombash	Champion Bear Resources Ltd.	Jul 25 88	Tide Lake (G-2649	
1023489	Jul 6 88	10:15 AM	Jul 15 88	Jul 15 89	E. Ombash	Champion Bear Resources Ltd.	Jul 25 88	Tide Lake (G-2649	
1023490	Jul 5 88	8:45 AM	Jul 15 88	Jul 15 89	E. Ombash	Champion Bear Resources Ltd.	Jul 25 88	Tide Lake (G-2649	
1023491	Jul 5 88	10:15 AM	Jul 15 88	Jul 15 89	E. Ombash	Champion Bear Resources Ltd.	Jul 25 88	Tide Lake (G-2649	
1023492	Jul 5 88	3:45 PM	Jul 15 88	Jul 15 89	E. Ombash	Champion Bear Resources Ltd.	Jul 25 88	Oak Lake (G-2473)	
1023493	Jul 5 88	2:00 PM	Jul 15 88	Jul 15 89	E. Ombash	Champion Bear Resources Ltd.	Jul 25 88	Oak Lake (G-2473)	
1023494	Jul 5 88	12:00 PM	Jul 15 88	Jul 15 89	E. Ombash	Champion Bear Resources Ltd.	Jul 25 88	Tide Lake (G-2649	
1023495	Jul 5 88	7:00 AM	Jul 15 88	Jul 15 89	E. Ombash	Champion Bear Resources Ltd.	Jul 25 88	Tide Lake (G-2649	
1058320	Jul 4 88	5:00 PM	Jul 15 88	Jul 15 89	L. Chastko	Champion Bear Resources Ltd.	Jul 25 88	Oak Lake (G-2473)	
1058321	Jul 4 88	11:00 AM	Jul 15 88	Jul 15 89	L. Chastko	Champion Bear Resources Ltd.	Jul 25 88	Oak Lake (G-2473)	
1058322	Jul 4 88	9:15 AM	Jul 15 88	Jul 15 89	L. Chastko	Champion Bear Resources Ltd.	Jul 25 88	Oak Lake (G-2473)	
1058323	Jul 4 88	7:30 AM	Jul 15 88	Jul 15 89	L. Chastko	Champion Bear Resources Ltd.	Jul 25 88	Oak Lake (G-2473)	
1058324	Jul 4 88	12:45 PM	Jul 15 88	Jul 15 89	L. Chastko	Champion Bear Resources Ltd.	Jul 25 88	Oak Lake (G-2473)	
1058325	Jul 4 88	3:30 PM	Jul 15 88	Jul 15 89	L. Chastko	Champion Bear Resources Ltd.	Jul 25 88	Oak Lake (G-2473)	
1058326	Jul 3 88	4:30 PM	Jul 15 88	Jul 15 89	L. Chastko	Champion Bear Resources Ltd.	Jul 25 88	Oak Lake (G-2473)	
1058327	Jul 3 88	10:45 AM	Jul 15 88	Jul 15 89	L. Chastko	Champion Bear Resources Ltd.	Jul 25 88	Oak Lake (G-2473)	
1058328	Jul 3 88	9:00 AM	Jul 15 88	Jul 15 89	L. Chastko	Champion Bear Resources Ltd.	Jul 25 88	Oak Lake (G-2473)	
1058329	Jul 3 88	7:30 AM	Jul 15 88	Jul 15 89	L. Chastko	Champion Bear Resources Ltd.	Jul 25 88	Oak Lake (G-2473)	
1058330	Jul 3 88	12:30 PM	Jul 15 88	Jul 15 89	L. Chastko	Champion Bear Resources Ltd.	Jul 25 88	Oak Lake (G-2473)	
1058331	Jul 3 88	2:15 PM	Jul 15 88	Jul 15 89	L. Chastko	Champion Bear Resources Ltd.	Jul 25 88	Oak Lake (G-2473)	
1058332	Jul 2 88	4:30 PM	Jul 15 88	Jul 15 89	L. Chastko	Champion Bear Resources Ltd.	Jul 25 88	Oak Lake (G-2473)	
1058333	Jul 2 88	2:00 PM	Jul 15 88	Jul 15 89	L. Chastko	Champion Bear Resources Ltd.	Jul 25 88	Oak Lake (G-2473)	
1058334	Jul 2 88	10:30 AM	Jul 15 88	Jul 15 89	L. Chastko	Champion Bear Resources Ltd.	Jul 25 88	Oak Lake (G-2473)	
1058335	Jul 2 88	3:30 PM	Jul 15 88	Jul 15 89	L. Chastko	Champion Bear Resources Ltd.	Jul 25 88	Oak Lake (G-2473)	
1058336	Jul 1 88	8:15 AM	Jul 15 88	Jul 15 89	L. Chastko	Champion Bear Resources Ltd.	Jul 25 88	Tide Lake (G-2649	
1058337	Jul 1 88	9:45 AM	Jul 15 88	Jul 15 89	L. Chastko	Champion Bear Resources Ltd.	Jul 25 88	Tide Lake (G-2649	
1058338	Jul 1 88	1:00 PM	Jul 15 88	Jul 15 89	L. Chastko	Champion Bear Resources Ltd.	Jul 25 88	Oak Lake (G-2473)	
1058339	Jul 1 88	9:00 AM	Jul 15 88	Jul 15 89	L. Chastko	Champion Bear Resources Ltd.	Jul 25 88	Oak Lake (G-2473)	

File: CL.ONE.MAN.LK.
Report: ChampionBear Claims Nov 1/88

CLAIM NO	S.DATE	TIME	R.DATE	DUE DATE	STAKER	HOLDER	T. DATE	AREA	ASSESS	W. D
1084930	Sep 14 88	5:00 PM	Oct 4 88	Oct 4 89	Walter Chubb	Champion Bear Resources Ltd.	Oct 14 88	Paterson Lake (G-2634)		
1084931	Sep 14 88	2:30 PM	Oct 4 88	Oct 4 89	Walter Chubb	Champion Bear Resources Ltd.	Oct 14 88	Paterson Lake (G-2634)		
1084932	Sep 14 88	1:00 PM	Oct 4 88	Oct 4 89	Walter Chubb	Champion Bear Resources Ltd.	Oct 14 88	Paterson Lake (G-2634)		
1084933	Sep 15 88	8:00 AM	Oct 4 88	Oct 4 89	Walter Chubb	Champion Bear Resources Ltd.	Oct 14 88	Paterson Lake (G-2634)		
1084934	Sep 15 88	11:00 AM	Oct 4 88	Oct 4 89	Walter Chubb	Champion Bear Resources Ltd.	Oct 14 88	Paterson Lake (G-2634)		
1084935	Sep 15 88	3:45 PM	Oct 4 88	Oct 4 89	Walter Chubb	Champion Bear Resources Ltd.	Oct 14 88	Paterson Lake (G-2634)		
1084936	Sep 15 88	2:00 PM	Oct 4 88	Oct 4 89	Walter Chubb	Champion Bear Resources Ltd.	Oct 14 88	Paterson Lake (G-2634)		
1084937	Sep 15 88	12:30 PM	Oct 4 88	Oct 4 89	Walter Chubb	Champion Bear Resources Ltd.	Oct 14 88	Paterson Lake (G-2634)		
1084938	Sep 15 88	9:15 AM	Oct 4 88	Oct 4 89	Walter Chubb	Champion Bear Resources Ltd.	Oct 14 88	Paterson Lake (G-2634)		
1084939	Sep 16 88	7:45 AM	Oct 4 88	Oct 4 89	Walter Chubb	Champion Bear Resources Ltd.	Oct 14 88	Paterson Lake (G-2634)		
1084940	Sep 16 88	11:15 AM	Oct 4 88	Oct 4 89	Walter Chubb	Champion Bear Resources Ltd.	Oct 14 88	Paterson Lake (G-2634)		
1084941	Sep 16 88	2:30 PM	Oct 4 88	Oct 4 89	Walter Chubb	Champion Bear Resources Ltd.	Oct 14 88	Paterson Lake (G-2634)		
1084942	Sep 17 88	9:00 AM	Oct 4 88	Oct 4 89	Walter Chubb	Champion Bear Resources Ltd.	Oct 14 88	Paterson Lake (G-2634)		
1084943	Sep 17 88	11:30 AM	Oct 4 88	Oct 4 89	Walter Chubb	Champion Bear Resources Ltd.	Oct 14 88	Paterson Lake (G-2634)		
1084944	Sep 16 88	9:00 AM	Oct 4 88	Oct 4 89	Walter Chubb	Champion Bear Resources Ltd.	Oct 14 88	Paterson Lake (G-2634)		
1084945	Sep 18 88	8:30 AM	Oct 4 88	Oct 4 89	Walter Chubb	Champion Bear Resources Ltd.	Oct 14 88	Paterson Lake (G-2634)		
1084946	Sep 17 88	1:15 PM	Oct 4 88	Oct 4 89	Walter Chubb	Champion Bear Resources Ltd.	Oct 14 88	Paterson Lake (G-2634)		
1084947	Sep 17 88	4:00 PM	Oct 4 88	Oct 4 89	Walter Chubb	Champion Bear Resources Ltd.	Oct 14 88	Paterson Lake (G-2634)		
1084948	Sep 18 88	3:00 PM	Oct 4 88	Oct 4 89	Walter Chubb	Champion Bear Resources Ltd.	Oct 14 88	Paterson Lake (G-2634)		
1084949	Sep 18 88	1:15 PM	Oct 4 88	Oct 4 89	Walter Chubb	Champion Bear Resources Ltd.	Oct 14 88	Paterson Lake (G-2634)		
1023550	Sep 18 88	11:00 AM	Oct 4 88	Oct 4 89	Walter Chubb	Champion Bear Resources Ltd.	Oct 14 88	Paterson Lake (G-2634)		
1023503	Sep 17 88	10:30 AM	Oct 4 88	Oct 4 89	Louis C.Chastko	Champion Bear Resources Ltd.	Oct 14 88	Paterson Lake (G-2634)		
1023504	Sep 17 88	12:45 PM	Oct 4 88	Oct 4 89	Louis C.Chastko	Champion Bear Resources Ltd.	Oct 14 88	Paterson Lake (G-2634)		
1023505	Sep 17 88	2:00 PM	Oct 4 88	Oct 4 89	Louis C.Chastko	Champion Bear Resources Ltd.	Oct 14 88	Paterson Lake (G-2634)		
1023506	Sep 16 88	11:00 AM	Oct 4 88	Oct 4 89	Louis C.Chastko	Champion Bear Resources Ltd.	Oct 14 88	Paterson Lake (G-2634)		
1023507	Sep 16 88	2:00 PM	Oct 4 88	Oct 4 89	Louis C.Chastko	Champion Bear Resources Ltd.	Oct 14 88	Paterson Lake (G-2634)		
1023508	Sep 17 88	9:00 AM	Oct 4 88	Oct 4 89	Louis C.Chastko	Champion Bear Resources Ltd.	Oct 14 88	Paterson Lake (G-2634)		
1023509	Sep 16 88	4:00 PM	Oct 4 88	Oct 4 89	Louis C.Chastko	Champion Bear Resources Ltd.	Oct 14 88	Paterson Lake (G-2634)		
1023510	Sep 16 88	12:45 PM	Oct 4 88	Oct 4 89	Louis C.Chastko	Champion Bear Resources Ltd.	Oct 14 88	Paterson Lake (G-2634)		
1023511	Sep 16 88	8:30 AM	Oct 4 88	Oct 4 89	Louis C.Chastko	Champion Bear Resources Ltd.	Oct 14 88	Paterson Lake (G-2634)		
1023512	Sep 15 88	9:45 AM	Oct 4 88	Oct 4 89	Louis C.Chastko	Champion Bear Resources Ltd.	Oct 14 88	Paterson Lake (G-2634)		
1023513	Sep 15 88	11:00 AM	Oct 4 88	Oct 4 89	Louis C.Chastko	Champion Bear Resources Ltd.	Oct 14 88	Paterson Lake (G-2634)		
1023514	Sep 15 88	3:45 PM	Oct 4 88	Oct 4 89	Louis C.Chastko	Champion Bear Resources Ltd.	Oct 14 88	Paterson Lake (G-2634)		
1023515	Sep 15 88	2:00 PM	Oct 4 88	Oct 4 89	Louis C.Chastko	Champion Bear Resources Ltd.	Oct 14 88	Paterson Lake (G-2634)		
1023516	Sep 15 88	12:30 PM	Oct 4 88	Oct 4 89	Louis C.Chastko	Champion Bear Resources Ltd.	Oct 14 88	Paterson Lake (G-2634)		
1023517	Sep 15 88	8:15 AM	Oct 4 88	Oct 4 89	Louis C.Chastko	Champion Bear Resources Ltd.	Oct 14 88	Paterson Lake (G-2634)		

File: CL.SEPARATION.L
Report: ChampionBear Claims

CLAIM NO	S.DATE	TIME	R.DATE	DUE DATE	STAKER	HOLDER	T. DATE	AREA	ASSESS	W. DUE
1058425	Jul 19 88	7:30 PM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058426	Jul 19 88	8:40 PM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058427	Jul 19 88	5:10 PM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058428	Jul 19 88	6:25 PM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058429	Jul 19 88	2:35 PM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058430	Jul 19 88	3:50 PM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058431	Jul 19 88	12:00 PM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058432	Jul 19 88	1:15 PM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058433	Jul 19 88	9:30 AM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058434	Jul 19 88	10:50 AM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058435	Jul 19 88	7:00 AM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058436	Jul 19 88	8:20 AM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058437	Jul 18 88	7:10 PM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058438	Jul 18 88	8:00 PM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058439	Jul 18 88	4:50 PM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058440	Jul 18 88	6:00 PM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058441	Jul 18 88	3:30 PM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058442	Jul 18 88	2:15 PM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058443	Jul 18 88	12:50 PM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058444	Jul 18 88	11:30 AM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058445	Jul 18 88	10:10 AM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058446	Jul 18 88	8:50 AM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058447	Jul 18 88	8:00 AM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058448	Jul 18 88	6:45 AM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058449	Jul 20 88	6:30 AM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058450	Jul 20 88	7:25 AM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058451	Jul 20 88	8:10 AM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058452	Jul 20 88	8:50 AM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058453	Jul 20 88	10:10 AM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058454	Jul 20 88	11:25 AM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058455	Jul 20 88	12:45 PM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058456	Jul 20 88	2:00 PM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058457	Jul 20 88	2:55 PM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058458	Jul 20 88	4:00 PM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058459	Jul 20 88	4:45 PM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058460	Jul 20 88	5:50 PM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058461	Jul 20 88	7:00 PM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058462	Jul 20 88	8:15 PM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058463	Jul 21 88	1:15 PM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G-2523		
1058464	Jul 21 88	12:05 PM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G-2523		
1058465	Jul 21 88	10:55 AM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G-2523		
1058466	Jul 21 88	9:45 AM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G-2523		
1058467	Jul 21 88	8:35 AM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058468	Jul 21 88	7:20 AM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058469	Jul 21 88	6:35 AM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058470	Jul 21 88	8:45 PM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058471	Jul 21 88	8:00 PM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058472	Jul 21 88	6:55 PM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058473	Jul 21 88	5:50 PM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G-2523		
1058474	Jul 21 88	4:45 PM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G-2523		

CLAIM NO	S.DATE	TIME	R.DATE	DUE DATE	STAKER	HOLDER	T. DATE	AREA	ASSESS	W. DUE
1058475	Jul 21 88	3:35 PM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G-2523		
1058476	Jul 21 88	2:30 PM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G-2523		
1058477	Jul 22 88	6:30 AM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G-2523		
1058478	Jul 22 88	9:55 AM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G-2523		
1058479	Jul 22 88	10:50 AM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G-2523		
1058480	Jul 22 88	1:35 PM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G-2523		
1058481	Jul 22 88	2:45 PM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058482	Jul 22 88	3:20 PM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058483	Jul 22 88	6:10 PM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058484	Jul 22 88	8:10 PM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058485	Jul 22 88	8:45 PM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058486	Jul 22 88	7:35 PM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058487	Jul 22 88	6:55 PM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058488	Jul 22 88	4:30 PM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058489	Jul 22 88	3:50 PM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G2523		
1058490	Jul 22 88	12:45 PM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G-2523		
1058491	Jul 22 88	11:40 AM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G-2523		
1058492	Jul 22 88	8:45 AM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G-2523		
1058493	Jul 22 88	7:35 AM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Stop Lake, G-2523		
1058494	Jul 23 88	11:10 AM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058495	Jul 23 88	10:25 AM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058496	Jul 23 88	9:00 AM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058497	Jul 23 88	8:15 AM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058498	Jul 23 88	7:00 AM	Aug 12 88	Aug 12 89	George Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058518	Jul 20 88	3:00 PM	Aug 12 88	Aug 12 89	Walter Chubb	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058519	Jul 20 88	1:50 PM	Aug 12 88	Aug 12 89	Walter Chubb	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058520	Jul 20 88	12:45 PM	Aug 12 88	Aug 12 89	Walter Chubb	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058521	Jul 20 88	11:20 PM	Aug 12 88	Aug 12 89	Walter Chubb	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058522	Jul 20 88	10:15 AM	Aug 12 88	Aug 12 89	Walter Chubb	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058523	Jul 20 88	9:00 AM	Aug 12 88	Aug 12 89	Walter Chubb	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058524	Jul 20 88	7:55 AM	Aug 12 88	Aug 12 89	Walter Chubb	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058525	Jul 20 88	6:45 AM	Aug 12 88	Aug 12 89	Walter Chubb	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058578	Jul 20 88	6:10 AM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058579	Jul 20 88	7:20 AM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058580	Jul 20 88	9:25 AM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058581	Jul 20 88	10:40 AM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058582	Jul 20 88	11:55 AM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058583	Jul 20 88	1:00 PM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058584	Jul 20 88	8:15 AM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058585	Jul 20 88	2:25 PM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058586	Jul 20 88	3:40 PM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058587	Jul 20 88	4:55 PM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058588	Jul 20 88	6:10 PM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058589	Jul 20 88	7:25 AM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058590	Jul 20 88	8:40 AM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058591	Jul 21 88	7:15 AM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058592	Jul 21 88	6:00 AM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058593	Jul 21 88	9:20 AM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058594	Jul 21 88	8:10 AM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058595	Jul 21 88	12:30 PM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		

File: CL.SEPARATION.L

Report: ChampionBear Claims

CLAIM NO	S.DATE	TIME	R.DATE	DUE DATE	STAKER	HOLDER	T. DATE	AREA	ASSESS	W. DUE
1058596	Jul 21 88	11:25 AM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058597	Jul 21 88	10:30 AM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058598	Jul 21 88	2:50 PM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058599	Jul 21 88	1:45 PM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058600	Jul 21 88	5:10 PM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058601	Jul 21 88	4:05 PM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058602	Jul 21 88	8:40 PM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058603	Jul 21 88	7:35 PM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058604	Jul 21 88	6:25 PM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058605	Jul 22 88	7:45 PM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058606	Jul 22 88	6:30 AM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058607	Jul 22 88	10:10 AM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058608	Jul 22 88	8:55 AM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058609	Jul 22 88	12:40 PM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058610	Jul 22 88	11:30 AM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058611	Jul 22 88	3:00 PM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058612	Jul 22 88	1:55 PM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058613	Jul 22 88	5:20 PM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058614	Jul 22 88	4:15 PM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058615	Jul 22 88	6:35 PM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058616	Jul 22 88	7:40 AM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058617	Jul 22 88	8:35 AM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058618	Jul 22 88	9:20 AM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058619	Jul 23 88	6:00 AM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058620	Jul 23 88	6:50 AM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058621	Jul 23 88	8:00 AM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058622	Jul 23 88	9:15 AM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058623	Jul 23 88	10:30 AM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058624	Jul 23 88	11:10 AM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058625	Jul 23 88	12:25 PM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058626	Jul 23 88	1:35 PM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058627	Jul 23 88	2:50 PM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058628	Jul 23 88	4:00 PM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058629	Jul 23 88	5:10 PM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058630	Jul 23 88	6:30 PM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058631	Jul 23 88	7:55 PM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058632	Jul 24 88	6:30 AM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058633	Jul 24 88	7:50 AM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058634	Jul 24 88	9:00 AM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058635	Jul 24 88	10:15 AM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058636	Jul 24 88	11:35 AM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058637	Jul 24 88	12:50 PM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058638	Jul 24 88	2:00 PM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058639	Jul 24 88	3:20 PM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		
1058640	Jul 24 88	4:40 PM	Aug 12 88	Aug 12 89	Arthur Weenusk	Champion Bear Resources Ltd.	Oct 14 88	Treelined Lake, G-2651		

APPENDIX 9

Ontario
Division of Mines

HONOURABLE LEO BERNIER, *Minister of Natural Resources*

Dr. J. K. REYNOLDS, *Deputy Minister of Natural Resources*

G. A. Jewett, Executive Director, Division of Mines *E. G. Pye, Director, Geological Branch*

PRELIMINARY MAP P. 1028
GEOLOGICAL SERIES

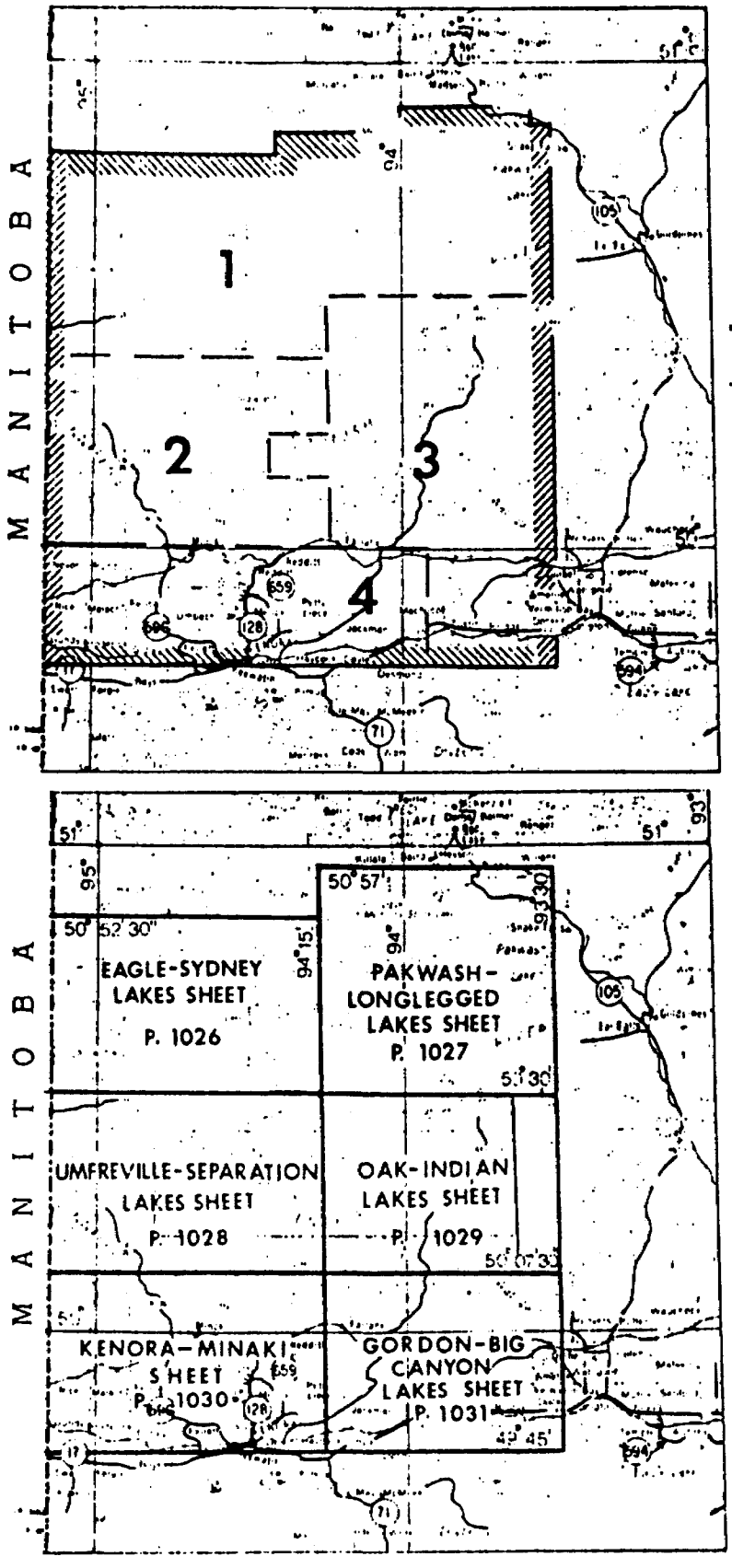
OPERATION KENORA-SYDNEY LAKE

UMFREVILLE-SEPARATION LAKES SHEET

DISTRICT OF KENORA

Scale: 1 inch to 1 mile or 1:63,360

NTS Reference: 52 L/1W, 2, 3E, 6E, 7, 8W
ODM-GSC Aeromagnetic Maps: 1180G, 1181G, 1188G, 1189G
MDMNR-ODM-GSC Aeromagnetic Maps: 1193G, 1194G
ODM Geological Compilation Series Map: 2175



INDEX MAP

Scale: 1 inch to 25 miles
Or 1 : 1,584,000

METASEDIMENTS AND DERIVED MIGMATITE

3

- 3 Unsubdivided
- 3a Arkose
- 3b Quartzite
- 3c Conglomerate
- 3d Argillite, slate, siltstone
- 3e Greywacke
- 3f Biotite-quartz-plagioclase ± amphibole sandstone (nil to 10 percent granitic mobilizate)
- 3g Metatexite* (generally between 10 and 70 percent metatects)
- 3h Inhomogeneous diatexite** (generally 70 to 95 percent medium-grained to pegmatitic granitoid mobilizate)
- 3i Homogeneous diatexite* (generally greater than 95 percent medium-grained to pegmatitic granitoid mobilizate)
- 3j Garnetiferous
- 3k Cordierite
- 3n Cataclastic diatexite[2]
- 3o Cataclastic metatexite[2]
- 3p Intrusive mobilizate
- 3q Metatexite characterized by intercalation of fine-grained greywacke (unreacted) and incipiently mobilized semi-pelitic to pelitic lithologies
- 3r Volcanic conglomerate (predominantly mafic to intermediate clasts and matrix with less than 5 percent trondhjemite plutonic clasts)
- 3s Mafic trondhjemite to quartz diorite diatexite (Colour Index generally >20)

METAVOLCANICS

FELSIC TO INTERMEDIATE METAVOLCANICS

2

- 2 Unsubdivided
- 2a Dacite to rhyolite, massive to foliated
- 2b Tuff to lapilli-tuff
- 2c Agglomerate, tuff-breccia, pyroclastic breccia
- 2d Quartz and/or feldspar porphyry flows
- 2e Quartz and/or feldspar porphyry dikes

INTERMEDIATE TO MAFIC METAVOLCANICS

1

- 1 Unsubdivided
- 1a Massive to foliated flows
- 1b Pillowed flows
- 1c Amygdaloidal flows
- 1d Porphyritic flows
- 1f Mafic tuff, agglomerate
- 1h Coarse-grained flows and intrusions
- 1i Amphibolitized mafic metavolcanics, foliated to gneissic
- 1j Migmatized mafic metavolcanics (10 to 50 percent granitic injection component)
- 1k Garnetiferous

Si Zone of silicification

METAMORPHOSED EARLY TECTONIC TO SYNTECTONIC PLUTONIC ROCKS

FELSIC TO INTERMEDIATE INTRUSIVE ROCKS

6

- 6 Unsubdivided
- 6a Foliated biotite trondhjemite
- 6b Foliated to massive hornblende and biotite-hornblende trondhjemite to quartz diorite
- * 6c Massive to weakly foliated biotite trondhjemite to granodiorite
- 6d Massive to weakly foliated porphyritic biotite granodiorite to trondhjemite
- 6e Hybrid biotite-hornblende and hornblende trondhjemite to quartz diorite
- 6f Massive to foliated medium- to coarse-grained biotite quartz monzonite
- 6h Foliated to gneissic biotite trondhjemite to granodiorite
- 6i Foliated biotite granodiorite
- 6j Cataclastic biotite trondhjemite to granodiorite
- 6k Inhomogeneous, massive to foliated biotite and hornblende-biotite trondhjemite to granodiorite
- 6l Massive homogeneous biotite trondhjemite
- 6m Foliated hornblende-biotite trondhjemite
- 6n Xenolithic
- 6o Massive to weakly foliated hornblende-biotite trondhjemite to granodiorite
- 6p Massive to foliated magnetite-biotite trondhjemite to granodiorite
- 6q Massive to foliated porphyritic biotite granodiorite to quartz monzonite
- 6r Massive to weakly foliated biotite trondhjemite to granodiorite (Colour Index > 5)
- 6t Foliated equigranular to subtely porphyritic granodiorite to quartz monzonite

MAFIC TO ULTRAMAFIC INTRUSIVE ROCKS

5

- 5 Unsubdivided
- 5a Gabbro
- 5b Porphyritic/porphyroblastic gabbro
- 5c Diorite, quartz diorite
- 5d Anorthositic gabbro, gabbroic anorthosite
- 5e Ultramafic rocks and their altered equivalents
- 5f Hornblendite, biotite hornblendite
- 5g Amphibolite
- 5i Porphyritic/porphyroblastic diorite

FELSIC TO INTERMEDIATE GNEISSIC ROCKS

4

- 4 Unsubdivided
- 4a Amphibole gneiss (25 percent of bands contain > 10 percent amphibole)
- 4b Biotite gneiss (50 percent of bands contain > 10 percent biotite)
- 4c Potassic feldspar gneiss (25 percent of bands contain > 10 percent K-feldspar)
- 4d Leucogneiss (essentially quartz and plagioclase)
- 4e Migmatitic gneiss (rafts of amphibolite in foliated to gneissic trondhjemitic host).

LEGEND[1]

PHANEROZOIC
CENOZOIC
QUATERNARY
RECENT

Lake, stream, and swamp deposits

PLEISTOCENE

Sand, gravel, ground moraine, varved clays

Unconformity

PRECAMBRIAN
MIDDLE TO LATE PRECAMBRIAN (PROTEROZOIC)
MAFIC INTRUSIVE ROCKS

9

9a Diabase (dikes)

EARLY PRECAMBRIAN (ARCHEAN)
UNMETAMORPHOSED LATE TECTONIC TO POST TECTONIC PLUTONIC ROCKS
FELSIC TO INTERMEDIATE INTRUSIVE ROCKS

8

8 Unsubdivided
8a (Massive fine- to coarse-grained equigranular) biotite quartz monzonite to granite (sensu stricto), Colour Index ≤ 5
8b (Massive medium- to coarse-grained equigranular) biotite quartz monzonite to granite (sensu stricto) Colour Index 5 to 15
8c (Massive) porphyritic biotite granodiorite to trondhjemite
8d (Massive) porphyritic biotite granodiorite
8e (Massive) porphyritic biotite quartz monzonite
8f Pegmatitic biotite and muscovite-biotite quartz monzonite to granite (sensu stricto)
8g (Massive to weakly foliated) hornblende-biotite granodiorite
8h (Foliated to cataclastic) porphyritic biotite granodiorite
8i (Massive to weakly foliated) biotite granodiorite
8j Porphyritic syenite
8k Xenolithic
8m Quartz monzonite with mafic clots of biotite and garnet
8p Massive porphyritic hornblende-biotite granodiorite to trondhjemite
8q Massive muscovite-biotite and biotite-muscovite quartz monzonite

INTERMEDIATE TO MAFIC INTRUSIVE ROCKS

7

7 Unsubdivided
7a Diorite
7b Hornblende and biotite-hornblende quartz diorite
7c Massive to foliated biotite and hornblende-biotite porphyritic diorite (plagioclase phenocrysts)
7d Biotite and hornblende-biotite quartz diorite to trondhjemite (more leucocratic than 7b)
7e Porphyritic hornblende and biotite-hornblende quartz diorite to granodiorite (quartz and K-feldspar phenocrysts

1. This is basically a field legend and is subject to revision as a result of subsequent field work and/or laboratory investigations.

2. Commonly characterized by shimmer aggregates of coarse-grained muscovite.

a. The letter 'A' preceding a code refers to airborne observation, e.g. A11, A8,6 = granitic rocks, airborne observation.

b. The letter 'C' preceding a code refers to compiled information, eg. C 1a.

c. The letter 'D' enclosed in brackets preceding a code refers to data compiled from diamond drill logs filed for assessment work credits, Ministry Natural Resources at Toronto, Kenora, and Red Lake, eg. 'D1a'.

d. The 'G' preceding a code refers to geophysically interpreted lithology as ascertained from Federal-Provincial aeromagnetic maps, eg. 'G8,9'.

e. C8,9 refers to compiled unsubdivided granitic rocks.

f. In the case of multi-phase granitic outcrops, the various granitic units are listed in order of decreasing relative abundance and separated by commas, eg. 8a, 6a, 5c = 8a > 6a > 5c.

Brackets immediately following a xenolithic granitic lithology indicate both type and relative abundance of xenoliths present, eg. 6an (3g, 5g) indicates metatexite and amphibolite xenoliths in foliated trondhjemite in which the former exceeds the latter.

g. Subdivisions of major rock units do not indicate age relations.

h. An arrow (→) between code letters signifies a gradation between the two rock types eg. 8a→i, unmetamorphosed quartz monzonite to granodiorite.

* Metatexite refers to a migmatite produced by metatexis and characterized by a stromatic to phlebitic structure.

** Diatexite refers to migmatitic lithologies produced by advanced stage fusion rendering obliteration of stromatic to phlebitic structure. Diatexite is thus a rock of plutonic appearance characterized by variable proportions of metasedimentary enclaves, melanosome schlieren, etc.

METAL AND MINERAL REFERENCE

Ag	Silver
asp	Arsenopyrite
Au	Gold
be	Beryl
Co	Cobalt
cp	Chalcopyrite
Cr	Chromium
ct	Cordierite
Cu	Copper
gf	Graphite
gn	Galena
gt	Garnet
mag	Magnetite
mo	Molybdenite
Ni	Nickel
Pb	Lead
po	Pyrrhotite
Pt	Platinum
py	Pyrite
qv	Quartz Vein
S	Sulphide Mineralization
sp	Sphalerite
st	Stone
ta	Tantalite
tour	Tourmaline
U	Uranium
urp	Uranophane
V	Vanadium
W	Tungsten
Zn	Zinc

Past Producing Mines (ON MAPS P. 1028, 1030)

1) Champion Mine, 1900 and 1925-26 (Haycock Township)

2) Gordon Lake Mine (1962-1972) Consolidated Canadian Faraday Limited

3) Treasure Mine, 1898, (Haycock Township)

4) Werner Lake Cobalt Mine (1940-1944), Kenora Prospectors and Miners Limited

GEOLOGICAL AND MINING SYMBOLS


Glacial striae, direction of ice movement known or assumed


Esker

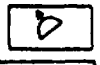

Small bedrock exposure


Area of bedrock exposure

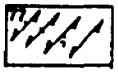

Data point within area of bedrock exposure

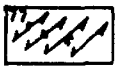

Bedding, top unknown; inclined

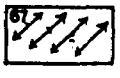

Bedding, top (arrow) from grain gradation, (inclined, overturned)

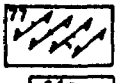

Lava flow; top (arrow) from pillow shape and packing


Foliation; inclined, vertical, dip value indeterminant but direction known, strike only measurable


Cataclastic Foliation; inclined, vertical, dip value indeterminant but direction known, strike only measurable


Gneissosity; inclined, vertical, dip value indeterminant but direction known, strike only measurable


Schistosity; inclined, vertical, dip value indeterminant but direction known, strike only measurable


Primary flowage foliation; inclined, vertical, dip value indeterminant but direction known, strike only measurable


Mineral Lineation; plunge known, plunge indeterminant


Jointing (inclined)


Antiform; trend and plunge of fold axis known, unknown


Synform; trend and plunge of fold axis known, unknown


Minor folds, with plunge


Geological boundary, Geological boundary, position interpreted


Geological boundary, deduced from geophysics


Lineament


Fault


Cataclastic Zone


Mineral Occurrence


Drill Hole with lithologic codes and mineralization


Past Producing Mine


Shaft

SOURCES OF INFORMATION

Geology of Operation Kenora-Sydney Lake by F.W. Breaks, W.D. Bond, G.H. McWilliams and C.F. Gower.

Geology of Umfreville-Separation Lakes Sheet by G.H. McWilliams, W.D. Bond, F.W. Breaks, D. Findlay, and Denver Stone, and other assistants, 1974.

Geology from published and unpublished maps of the Ontario Division of Mines, Ministry of Natural Resources as per attached reference list.

Geology is not tied to survey lines.

Assessment Files Research Offices, Ontario Division of Mines, Toronto.

Regional Geologist's Files, Ministry Natrual Resources, Kenora.

MDMNR-ODM-GSC Aeromagnetic Map: 7124G, scale 1 inch to 4 miles or 1:253,440.

Magnetic declination approximately $6^{o}46'$E at centre of sheet, 1974.

Issued 1975.

Breaks, F.W., Bond, W.D., McWilliams, G.H., Gower, C.F., Findlay, D., and Stone, Denver
1975: Operation Kenora-Sydney Lake, Umfreville-Separation Lakes Sheet, District of Kenora; Ontario Div. of Mines, Prelim. Map P.1028 Geol. Ser., scale 1 inch to 1 mile or 1:63,360. Geology 1974.

MINING LANDS

Ministry of Natural Resources
Ontario

Report of Work
(Geophysical, Geological, Geochemical and Expenditures)

Mining Act

DOCUMENT W9001.0 .013

52L08SE0001 2.13056 LENNAN LAKE

900

– Do not use shaded areas below.

MINING LANDS SECTION

Type of Survey(s)	Township or Area
Geophysical-Magnetometer, VLF-EM & Geological	Treelined & Lennon Lakes G.2522

Claim Holder(s)	Prospector's Licence No.
Champion Bear Resources Ltd. & Canadian Eagle Explorations Ltd.	T 5146 + T.4802

Address: 3805-7A Street S.W.; Calgary, Alberta; T2T 2Y8

Survey Company	Date of Survey (from & to)	Total Miles of line Cut
Independent Exploration Services Ltd.	23 06 88 (Day Mo. Yr.) 30 09 88 (Day Mo. Yr.)	240

Name and Address of Author (of Geo-Technical report): L. C. Chastko; 791 Elmhurst Rd., Winnipeg, Manitoba; R3R 0V3

Credits Requested per Each Claim in Columns at right

		Days per Claim
Special Provisions: For first survey: Enter 40 days. (This includes line cutting) For each additional survey: using the same grid: Enter 20 days (for each)	Geophysical	
	· Electromagnetic	
	· Magnetometer	REDUCED TO MAXIMUM 40
	· Radiometric	
	· Other VLF-EM	20
	Geological	20
	Geochemical	
Man Days: Complete reverse side and enter total(s) here	Geophysical	Days per Claim
	· Electromagnetic	
	· Magnetometer	
	· Radiometric	
	· Other	
	Geological	
	Geochemical	
Airborne Credits: **Note:** Special provisions credits do not apply to Airborne Surveys.		Days per Claim
	Electromagnetic	
	Magnetometer	
	Radiometric	

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
K	See attached schedule A	

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.

KENORA MINING DIV
RECEIVED
JAN 29 1990
8:30 AM
011121236

967351

Total number of mining claims covered by this report of work: 108

Expenditures (excludes power stripping)

Type of Work Performed:

Performed on Claim(s):

Calculation of Expenditure Days Credits

Total Expenditures $ ÷ 15 = Total Days Credits

Instructions: Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

For Office Use Only		
Total Days Cr. Recorded: 4320 ~~5040~~	Date Recorded: Jan. 29/90	Mining Recorder: Scott Rivett
	Date Approved as Recorded: See revised work	Branch Director: statement

Date	Recorded Holder or Agent (Signature)
January 23, 1990	

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying: L. C. Chastko; 791 Elmhurst Rd.; Winnipeg, Manitoba; R3R 0V3

File: CL.HELDER.1
Report: Helder Assessment88

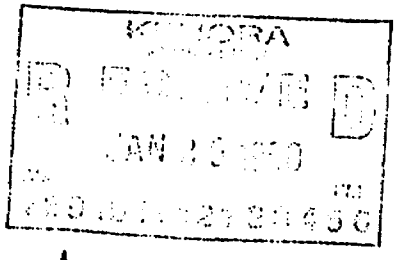
CLAIM NO.	AREA
967387	Lennan Lake (G-2522)
967396	Lennan Lake (G-2522)
967397	Lennan Lake (G-2522)
967418	Lennan Lake (G-2522)
967419	Lennan Lake (G-2522)
967425	Lennan Lake (G-2522)
967426	Lennan Lake (G-2522)
967435	Lennan Lake (G-2522)
967436	Lennan Lake (G-2522)
967442	Lennan Lake (G-2522)
967443	Lennan Lake (G-2522)
967444	Lennan Lake (G-2522)
967451	Lennan Lake (G-2522)
967452	Lennan Lake (G-2522)
967453	Lennan Lake (G-2522)
967458	Lennan Lake (G-2522)
967459	Lennan Lake (G-2522)
967460	Lennan Lake (G-2522)
967467	Lennan Lake (G-2522)
967468	Lennan Lake (G-2522)
967469	Lennan Lake (G-2522)
967470	Lennan Lake (G-2522)
967471	Lennan Lake (G-2522)
967472	Lennan Lake (G-2522)
967473	Lennan Lake (G-2522)
967475	Lennan Lake (G-2522)
967476	Lennan Lake (G-2522)
967477	Lennan Lake (G-2522)
967478	Lennan Lake (G-2522)
967479	Lennan Lake (G-2522)
967487	Lennan Lake (G-2522)
967488	Lennan Lake (G-2522)
967489	Lennan Lake (G-2522)
967490	Lennan Lake (G-2522)
967491	Lennan Lake (G-2522)
967492	Lennan Lake (G-2522)
967493	Lennan Lake (G-2522)
967494	Lennan Lake (G-2522)
967571	Lennan Lake (G-2522)
967572	Lennan Lake (G-2522)
967573	Lennan Lake (G-2522)
967574	Lennan Lake (G-2522)
967575	Lennan Lake (G-2522)
967576	Lennan Lake (G-2522)
967587	Lennan Lake (G-2522)
967588	Lennan Lake (G-2522)
967589	Lennan Lake (G-2522)
967591	Lennan Lake (G-2522)

W90[illegible] 017

File: CL.HELDER.2

Report: Helder Assessment88

CLAIM NO	AREA
967802	Treelined (G-2651)
967803	Treelined (G-2651)
967804	Treelined (G-2651)
967807	Treelined (G-2651)
967808	Treelined (G-2651)
967809	Treelined (G-2651)
967811	Treelined (G-2651)
967812	Treelined (G-2651)
967813	Treelined (G-2651)
967816	Treelined (G-2651)
967817	Treelined (G-2651)
967818	Treelined (G-2651)
967822	Treelined (G-2651)
967823	Treelined (G-2651)
967824	Treelined (G-2651)
967825	Treelined (G-2651)
967826	Treelined (G-2651)
967827	Treelined (G-2651)
967831	Treelined (G-2651)
967832	Treelined (G-2651)
967833	Treelined (G-2651)
967834	Treelined (G-2651)
967835	Treelined (G-2651)
967836	Treelined (G-2651)
967839	Treelined (G-2651)
967840	Treelined (G-2651)
967841	Treelined (G-2651)
967842	Treelined (G-2651)
967843	Treelined (G-2651)
967847	Treelined (G-2651)
967848	Treelined (G-2651)
967849	Treelined (G-2651)
967850	Treelined (G-2651)
967852	Treelined (G-2651)
967853	Treelined (G-2651)
967854	Treelined (G-2651)
967858	Treelined (G-2651)
967859	Treelined (G-2651)
967864	Treelined (G-2651)
967865	Treelined (G-2651)
967867	Treelined (G-2651)
967868	Treelined (G-2651)
967871	Treelined (G-2651)
967872	Treelined (G-2651)
967873	Treelined (G-2651)
967951	Treelined (G-2651)
967952	Treelined (G-2651)
967953	Treelined (G-2651)
967954	Treelined (G-2651)
967955	Treelined (G-2651)



File: CL.HELDER.2
Report: Helder Assessment88

CLAIM NO	AREA
967959	Lennan (G-2522)
967960	Lennan (G-2522)
967961	Lennan (G-2522)
967962	Lennan (G-2522)
967963	Lennan (G-2522)
967966	Lennan (G-2522)
967967	Lennan (G-2522)
967968	Lennan (G-2522)
967969	Lennan (G-2522)
967970	Lennan (G-2522)

M.L

Ministry of Natural Resources
Ontario

Report of Work
(Geophysical, Geological, Geochemical and Expenditures)

DOCUMENT NO W9001•072

2.13056

The Mining Act

Instructions: – Please type or print.
– If number of mining claims traversed exceeds space on this form, attach a list.
Note: – Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns.
– Do not use shaded areas below.

Type of Survey(s)	Township or Area
Geological	Lennan Lake G-2522
Claim Holder(s)	**Prospector's Licence No.**
Champion Bear Resources Ltd.	T-5146
Address	
3805-7A Street S.W.; Calgary, Alberta; T2T 2Y8	
Survey Company	**Date of Survey (from & to)** / **Total Miles of line Cut**
Independent Exploration Services Ltd.	23 06 88 (Day Mo. Yr.) 30 09 88 (Day Mo. Yr.) / 70 km
Name and Address of Author (of Geo-Technical report)	
L.C. Chastko/ P. Barc PO Box 7, Station A; Winnipeg, Man. R3K 1Z9	

Credits Requested per Each Claim in Columns at right

Special Provisions		Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	Geophysical	
	- Electromagnetic	
	- Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	20
	Geochemical	

Man Days		Days per Claim
Complete reverse side and enter total(s) here	Geophysical	
	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Airborne Credits		Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
K	967354	20
	967355	20
	967356	20
	967357	20
	967358	20
	967359	20
	967365	20
	967366	20
	967367	20
	967370	20
	967371	20
	967372	20
	967373	20
	967375	20
	967376	20
	967377	20
	967378	20
	967379	20
	967383	20
	967384	20
	967385	20
	967386	20

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
K	967388	20
	967389	20

RECEIVED
APR 27 1990
MINING LANDS SECTION

See also W9001-017

KENORA MINING DIV.
RECEIVED
APR 17 1990
AM 7 8 9 10 11 12 1 2 3 PM 4 5 6

Total number of mining claims covered by this report of work: 24

Expenditures (excludes power stripping)

Type of Work Performed

Performed on Claim(s)

Calculation of Expenditure Days Credits

Total Expenditures: $ ÷ 15 = Total Days Credits

Instructions
Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Date: April 11/90

Recorded Holder or Agent (Signature): [signature]

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
480	April 17/90	Scott Kewett
	Date Approved as Recorded	Branch Director
	See revised work statement	

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying

L. C. Chastko, 701 Platinum Drive,

2.13056

Ontario

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Mining Lands Section
3rd Floor, 880 Bay Street
TORONTO, Ontario
M5S 1Z8

Telephone: (416) 965-4888

Your File: W9001-072
Our File: 2.13056

June 1, 1990

Mining Recorder
Ministry of Northern Development and Mines
808 Robertson Street
P.O. Box 5200
KENORA, Ontario
P4N 3X9

Dear Sir:

RE: Notice of Intent dated May 1, 1990 for Geological Survey
submitted on Mining Claim K 967354 et al in Lennan Lake

The assessment work credits, as listed with the above-mentioned Notice of Intent have been approved as of the above date.

Please inform the recorded holder of these mining claims and so indicate on your records.

Yours sincerely

W.R. Cowan
Provincial Manager, Mining Lands
Mines and Minerals Division

JS/dvl
Enclosure

cc: Mr. W.D. Tieman
Mining and Lands Commissioner
Toronto, Ontario

Resident Geologist
Kenora, Ontario

Champion Bear Resources Ltd.
Calgary, Alberta

L.C. Chastko/P. Barc
Winnipeg, Manitoba

Ministry of Northern Development and Mines

Ontario

Technical Assessment Work Credits

File: 2.13056

Date: April 2/1990

Mining Recorder's Report of Work No.: W9001-017

Recorded Holder: CHAMPION BEAR RESOURCES & CANADIAN EAGLE EXPLORATIONS LIMITED

Township or Area: TREELINED LAKE & LENNON LAKE AREAS

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	
Electromagnetic (VLF) 16.6 days	See attached sheets
Magnetometer 34.2 days	
Radiometric ____ days	
Induced polarization ____ days	
Other ____ days	
Section 77 (19) See "Mining Claims Assessed" column	
Geological ____ days	
Geochemical ____ days	
Man days ☐ Airborne ☐	
Special provision ☐ Ground ☐	
☐ Credits have been reduced because of partial coverage of claims.	
☐ Credits have been reduced because of corrections to work dates and figures of applicant.	

Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

☐ not sufficiently covered by the survey ☐ insufficient technical data filed

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.

Ministry of Northern Development and Mines

Ontario

Technical Assessment Work Credits

File 2.13058

Date April 3/1990 Mining Recorder's Report of Work No. W9001-017

May 2/90

Recorded Holder

Champion Bear Resources & Canadian Eagle Explorations Ltd.

Township or Area

Treelined Lake and Lennon Lake Areas

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	K 967419 967425-26 967436 967443-44 967451 to 453 incl. 967459-60 967467 967469 to 473 incl. 967476 to 478 incl. 967488 to 493 incl. 967571 to 576 incl. 967588 967803-04 967807-08 967813 967816 to 818 incl. 967825 to 827 incl. 967832 to 836 incl. 967840 to 843 incl. 967847 to 850 incl. 967852-53 967858-59 967865 967868 967871 to 873 incl. K 967951 to 954 incl. 967959 to 962 incl. 967968-69
Electromagnetic _____ days	
Magnetometer _____ days	
Radiometric _____ days	
Induced polarization _____ days	
Other _____ days	
Section 77 (19) See "Mining Claims Assessed" column	
Geological 20 days	
Geochemical _____ days	
Man days ☐ Airborne ☐	
Special provision ☒ Ground ☒	
☒ Credits have been reduced because of partial coverage of claims.	
☐ Credits have been reduced because of corrections to work dates and figures of applicant.	

Special credits under section 77 (16) for the following mining claims

15 days Geological K 967397, 967591, 967802, 967839, 967843, 967854, 967970
10 days Geological K 967396, 967418, 967442, 967468, 967475, 967479, 967487
967809, 967811-12, 967836, 967867, 967955
5 days Geological K 967387, 967494, 967587, 967864, 967966-67

No credits have been allowed for the following mining claims

☐ not sufficiently covered by the survey ☐ insufficient technical data filed

K 967435
967458
967589
967822-23
967963

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.

Ministry of Northern Development and Mines

Ontario

Technical Assessment Work Credits

File 2.13056

Date May 1, 1990

Mining Recorder's Report of Work No. W9001.072

Recorded Holder: Champion Bear Resources Ltd.

Township or Area: Lennan Lake

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	K 967354 to 359 incl.
Electromagnetic _____ days	967365 to 367 incl.
Magnetometer _____ days	967370 to 373 incl.
Radiometric _____ days	967375 to 379 incl.
Induced polarization _____ days	967383 to 386 incl.
Other _____ days	967388-89
Section 77 (19) See "Mining Claims Assessed" column	
Geological 15.4 days	
Geochemical _____ days	
Man days ☐ Airborne ☐	
Special provision ☐ Ground ☐	
☒ Credits have been reduced because of partial coverage of claims.	
☐ Credits have been reduced because of corrections to work dates and figures of applicant.	No credit given for portions of claims underwater

Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

☐ not sufficiently covered by the survey ☐ insufficient technical data filed

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.

File: CL.HELDER.1
Report: Helder Assessment88

CLAIM NO.	AREA
967387	Lennan Lake (G-2522)
967396	Lennan Lake (G-2522)
967397	Lennan Lake (G-2522)
967418	Lennan Lake (G-2522)
967419	Lennan Lake (G-2522)
967425	Lennan Lake (G-2522)
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967436	Lennan Lake (G-2522)
967442	Lennan Lake (G-2522)
967443	Lennan Lake (G-2522)
967444	Lennan Lake (G-2522)
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967453	Lennan Lake (G-2522)
967458	Lennan Lake (G-2522)
967459	Lennan Lake (G-2522)
967460	Lennan Lake (G-2522)
967467	Lennan Lake (G-2522)
967468	Lennan Lake (G-2522)
967469	Lennan Lake (G-2522)
967470	Lennan Lake (G-2522)
967471	Lennan Lake (G-2522)
967472	Lennan Lake (G-2522)
967473	Lennan Lake (G-2522)
967475	Lennan Lake (G-2522)
967476	Lennan Lake (G-2522)
967477	Lennan Lake (G-2522)
967478	Lennan Lake (G-2522)
967479	Lennan Lake (G-2522)
967487	Lennan Lake (G-2522)
967488	Lennan Lake (G-2522)
967489	Lennan Lake (G-2522)
967490	Lennan Lake (G-2522)
967491	Lennan Lake (G-2522)
967492	Lennan Lake (G-2522)
967493	Lennan Lake (G-2522)
967494	Lennan Lake (G-2522)
967571	Lennan Lake (G-2522)
967572	Lennan Lake (G-2522)
967573	Lennan Lake (G-2522)
967574	Lennan Lake (G-2522)
967575	Lennan Lake (G-2522)
967576	Lennan Lake (G-2522)
967587	Lennan Lake (G-2522)
967588	Lennan Lake (G-2522)
967589	Lennan Lake (G-2522)
967591	Lennan Lake (G-2522)

File: CL.HELDER.2
Report: Helder Assessment88

CLAIM NO	AREA
967802	Treelined (G-2651)
967803	Treelined (G-2651)
967804	Treelined (G-2651)
967807	Treelined (G-2651)
967808	Treelined (G-2651)
967809	Treelined (G-2651)
967811	Treelined (G-2651)
967812	Treelined (G-2651)
967813	Treelined (G-2651)
967816	Treelined (G-2651)
967817	Treelined (G-2651)
967818	Treelined (G-2651)
967822	Treelined (G-2651)
967823	Treelined (G-2651)
967824	Treelined (G-2651)
967825	Treelined (G-2651)
967826	Treelined (G-2651)
967827	Treelined (G-2651)
967831	Treelined (G-2651)
967832	Treelined (G-2651)
967833	Treelined (G-2651)
967834	Treelined (G-2651)
967835	Treelined (G-2651)
967836	Treelined (G-2651)
967839	Treelined (G-2651)
967840	Treelined (G-2651)
967841	Treelined (G-2651)
967842	Treelined (G-2651)
967843	Treelined (G-2651)
967847	Treelined (G-2651)
967848	Treelined (G-2651)
967849	Treelined (G-2651)
967850	Treelined (G-2651)
967852	Treelined (G-2651)
967853	Treelined (G-2651)
967854	Treelined (G-2651)
967858	Treelined (G-2651)
967859	Treelined (G-2651)
967864	Treelined (G-2651)
967865	Treelined (G-2651)
967867	Treelined (G-2651)
967868	Treelined (G-2651)
967871	Treelined (G-2651)
967872	Treelined (G-2651)
967873	Treelined (G-2651)
967951	Treelined (G-2651)
967952	Treelined (G-2651)
967953	Treelined (G-2651)
967954	Treelined (G-2651)
967955	Treelined (G-2651)

File: CL.HELDER.2
Report: Helder Assessment88

CLAIM NO	AREA
967959	Lennan (G-2522)
967960	Lennan (G-2522)
967961	Lennan (G-2522)
967962	Lennan (G-2522)
967963	Lennan (G-2522)
967966	Lennan (G-2522)
967967	Lennan (G-2522)
967968	Lennan (G-2522)
967969	Lennan (G-2522)
967970	Lennan (G-2522)

Ontario

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Mining Lands Section
3rd Floor, 880 Bay Street
TORONTO, Ontario
M5S 1Z8

Telephone: (416) 965-4888

Your File: W9001-017
Our File: 2.13056

June 1, 1990

Mining Recorder
Ministry of Northern Development and Mines
808 Robertson Street
P.O. Box 5200
KENORA, Ontario
P4N 3X9

Dear Sir:

RE: Notice of Intent dated April 3, 1990 for Geophysical (Electromagnetic (VLF) and Magnetometer) and Geological Survey submitted on Mining Claim K 967387 et al in Treelined and Lennan Lake

---

The assessment work credits, as listed with the above-mentioned Notice of Intent have been approved as of the above date.

Please inform the recorded holder of these mining claims and so indicate on your records.

Yours sincerely

W.R. Cowan
Provincial Manager, Mining Lands
Mines and Minerals Division

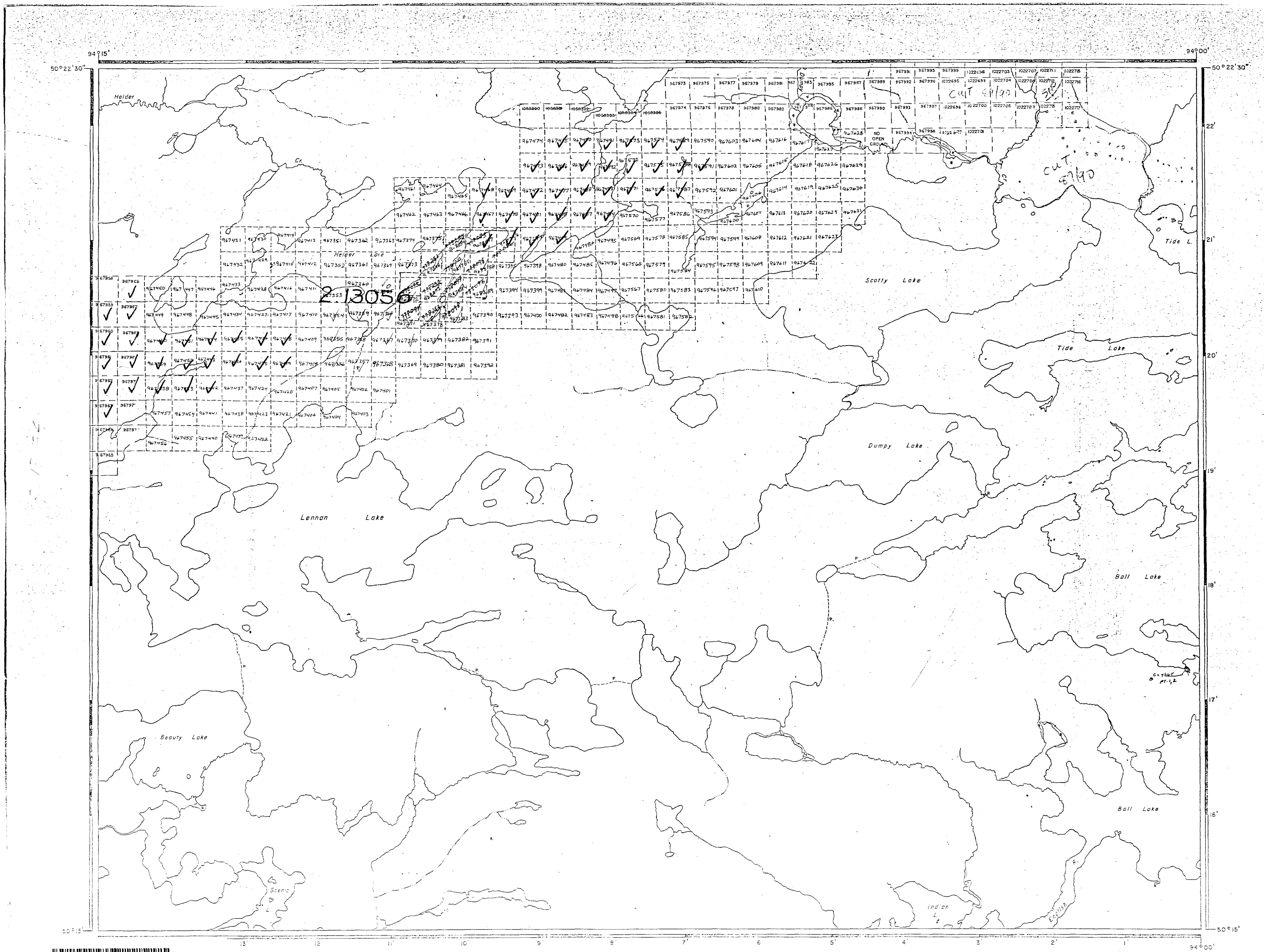
JS/dvl
Enclosure

cc: Mr. W.D. Tieman
Mining and Lands Commissioner
Toronto, Ontario

Resident Geologist
Kenora, Ontario

Champion Bear Resources Ltd.
Calgary, Alberta

L.C. Chastko/P. Barc
Winnipeg, Manitoba



52L08SE0001 2.13056 LENNAN LAKE

200

LEGEND

HIGHWAY AND ROUTE No.
OTHER ROADS
TRAILS
SURVEYED LINES:
TOWNSHIPS, BASE LINES, ETC.
LOTS, MINING CLAIMS, PARCELS, ETC.
UNSURVEYED LINES:
LOT LINES
PARCEL BOUNDARY
MINING CLAIMS ETC.
RAILWAY AND RIGHT OF WAY
UTILITY LINES
NON-PERENNIAL STREAM
FLOODING OR FLOODING RIGHTS
SUBDIVISION OR COMPOSITE PLAN
RESERVATIONS
ORIGINAL SHORELINE
MARSH OR MUSKEG
MINES
TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	
" , SURFACE RIGHTS ONLY	
" , MINING RIGHTS ONLY	
LEASE, SURFACE & MINING RIGHTS	
" , SURFACE RIGHTS ONLY	
" , MINING RIGHTS ONLY	
LICENCE OF OCCUPATION	
ORDER-IN-COUNCIL	OC
RESERVATION	
CANCELLED	
SAND & GRAVEL	

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC 1.

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. – MINING RIGHTS ONLY
S.R.O. – SURFACE RIGHTS ONLY
M.+ S. – MINING AND SURFACE RIGHTS

Description	Order No.	Date	Disposition	File

KENORA MINING DIV. RECEIVED JUL 11 1991

FLOODING

Flooding reserve to H.E.P.C. to contour 1065' adjacent to Scotty and Dumpy Lakes, to contour 1049' adjacent to Ball and Tide Lakes
File 69307

KENORA RECEIVED

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000
METRES 0 200 1000 (1 KM) 2000 (2 KM)

AREA

LENNAN LAKE

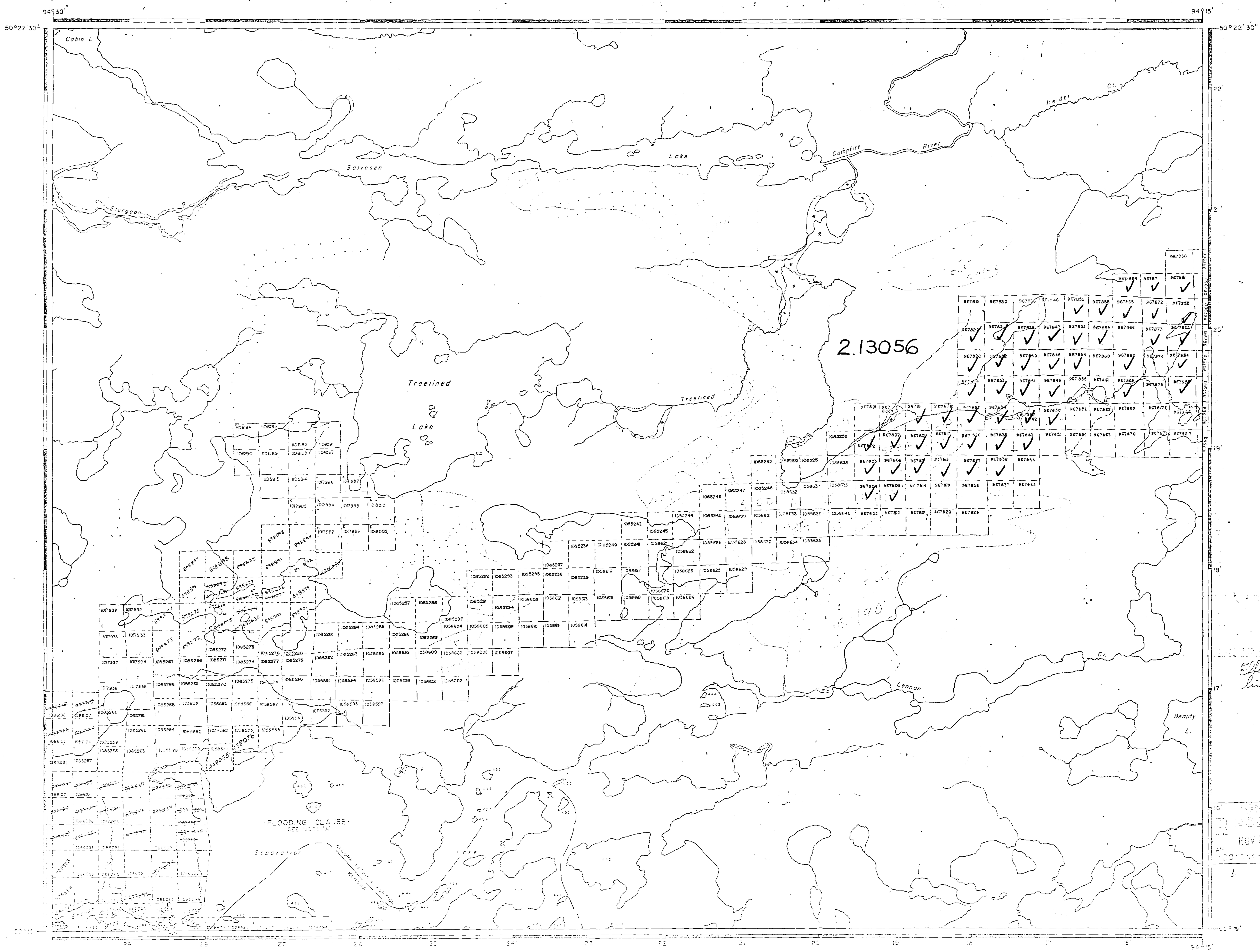
M.N.R. ADMINISTRATIVE DISTRICT
KENORA
MINING DIVISION
KENORA
LAND TITLES / REGISTRY DIVISION
KENORA (PATRICIA PORTION)

Ministry of Natural Resources
Land Management Branch
Ontario

Date FEBRUARY, 1984. Number G-2

M-2692

503941



LEGEND

HIGHWAY AND ROUTE No.
OTHER ROADS
TRAILS
SURVEYED LINES:
TOWNSHIPS, BASE LINES, ETC.
LOTS, MINING CLAIMS, PARCELS, ETC.
UNSURVEYED LINES:
LOT LINES
PARCEL BOUNDARY
MINING CLAIMS ETC.
RAILWAY AND RIGHT OF WAY
UTILITY LINES
NON-PERENNIAL STREAM
FLOODING OR FLOODING RIGHTS
SUBDIVISION OR COMPOSITE PLAN
RESERVATIONS
ORIGINAL SHORELINE
MARSH OR MUSKEG
MINES
TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	
" , SURFACE RIGHTS ONLY	
" , MINING RIGHTS ONLY	
LEASE, SURFACE & MINING RIGHTS	
" , SURFACE RIGHTS ONLY	
" , MINING RIGHTS ONLY	
LICENCE OF OCCUPATION	▼
ORDER-IN-COUNCIL	OC
RESERVATION	
CANCELLED	
SAND & GRAVEL	

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913 VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC. 1.

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. – MINING RIGHTS ONLY
S.R.O. – SURFACE RIGHTS ONLY
M.+S. – MINING AND SURFACE RIGHTS

Description	Order No.	Date	Disposition	File

FLOODING

RESERVE FLOODING RIGHTS AND LAND UNDER THE WATERS OF THE ENGLISH RIVER BETWEEN SEPARATION RAPIDS AND CARIBOU FALLS INCLUDING, THE STURGEON RIVER, BELOW CONTOUR ELEVATION 1049.0, G.S.C. DATUM, 1919, TO H.E.P.C. OF ONTARIO FOR THE DEVELOPMENT OF WATER POWER AT CARIBOU FALLS.
FOR DETAIL OF CONTOUR, REFER TO PLAN No U.2-27, dated 15th MARCH 1958. (H.E.P.C. PLAN No. 80C-3359).
W.P.L.A. No. 50, dated 21st DECEMBER 1959 File 34179

NOTE "A"

RESERVE FLOODING RIGHTS ON THE ENGLISH RIVER FROM THE UPPER END OF SEPARATION RAPIDS TO THE FOOT OF MAYNARD FALLS, INCLUDING SEPARATION LAKE, BEAUTY LAKE, AND LENNAN CREEK, TO A CONTOUR 5' ABOVE THE HIGH WATER MARK. Files 34179, 69307.
RESERVATION REQUESTED 30th NOVEMBER, 1959.

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000
METRES 0 200 1000 (1 KM) 2000 (2 KM)

AREA
TREELINED LAKE

M.N.R. ADMINISTRATIVE DISTRICT
KENORA
MINING DIVISION
KENORA
LAND TITLES / REGISTRY DIVISION
KENORA / KENORA (PATRICIA PORTION)

Ministry of Natural Resources
Land Management Branch
Ontario

Date FEBRUARY, 1984 | Number G-2651

M-2394

STOP LAKE AREA G-2523

52L08SE0001 2.13056 LENNAN LAKE

210


CHAMPION BEAR RESOURCES LTD.
HELDER LAKE PROPERTY
LENNAN LAKE (G 2522) & TREELINED LAKE (G 2651)
KENORA MINING DIV., ONTARIO
HELDER WEST GRID (WEST HALF)
GRID MAP (MAP #1)
2.13056
SURVEY DATE: JULY TO AUGUST 1988 AND FEBRUARY 1989
DATA PROCESSING AND PLOTTING BY:
INDEPENDENT EXPLORATION SERVICES LTD.
WINNIPEG, MANITOBA
SCALE 1 : 5 000
967802
967803
967804
967805
967806
967807
967808
967809
967811
967812
967813
967814
967816
967817
967818
967822
967823
967824
967825
967826
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967839
967840
967841
967842
967843
967846
967847
967848
967849
967850
967852
967853
967854
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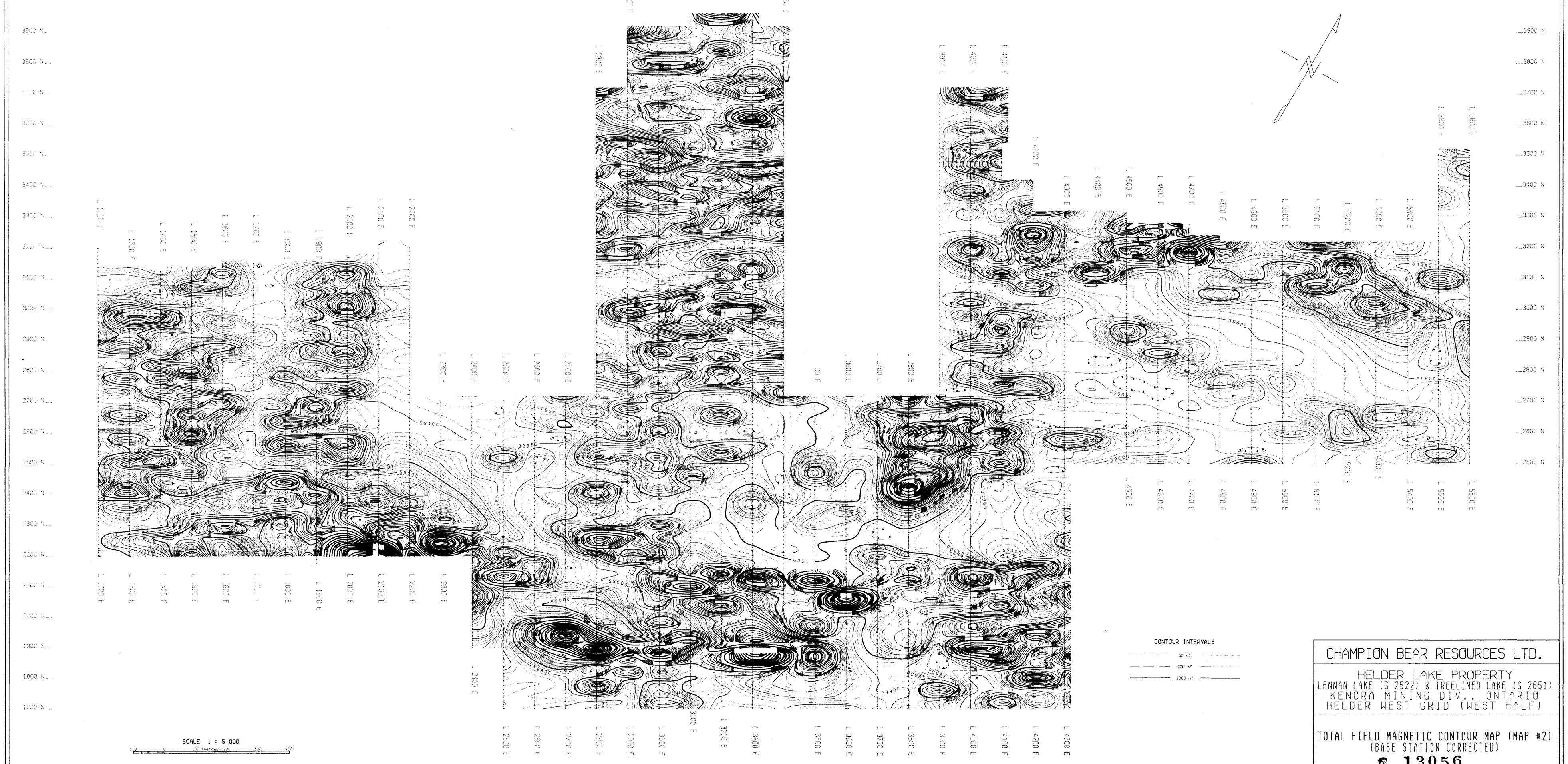
967859
967860
967861
967867
967868
1058638
1059639
1058640
1085252

220



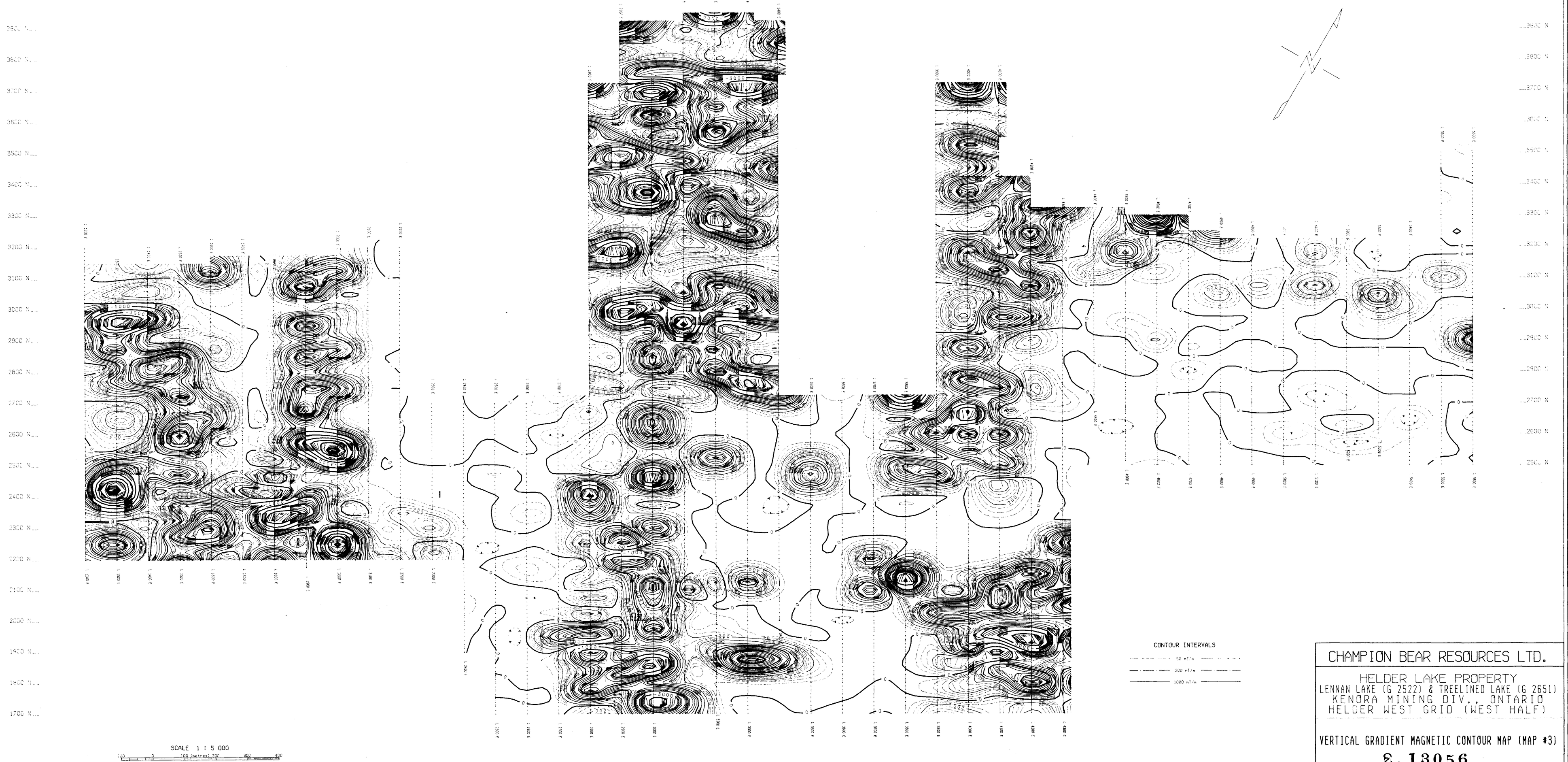
CHAMPION BEAR RESOURCES LTD.

HELDER LAKE PROPERTY
LENNAN LAKE (G 2522) & TREELINED LAKE (G 2651)
KENORA MINING DIV., ONTARIO
HELDER WEST GRID (WEST HALF)

TOTAL FIELD MAGNETIC CONTOUR MAP (MAP #2)
(BASE STATION CORRECTED)

2.13056

SURVEY INSTRUMENT: EDA OMNI-PLUS WITH BASE STATION
SURVEY DATE: JULY TO AUGUST 1988 AND FEBRUARY 1989
DATA PROCESSING AND PLOTTING BY:
INDEPENDENT EXPLORATION SERVICES LTD.
GEOMETRIC METHODS



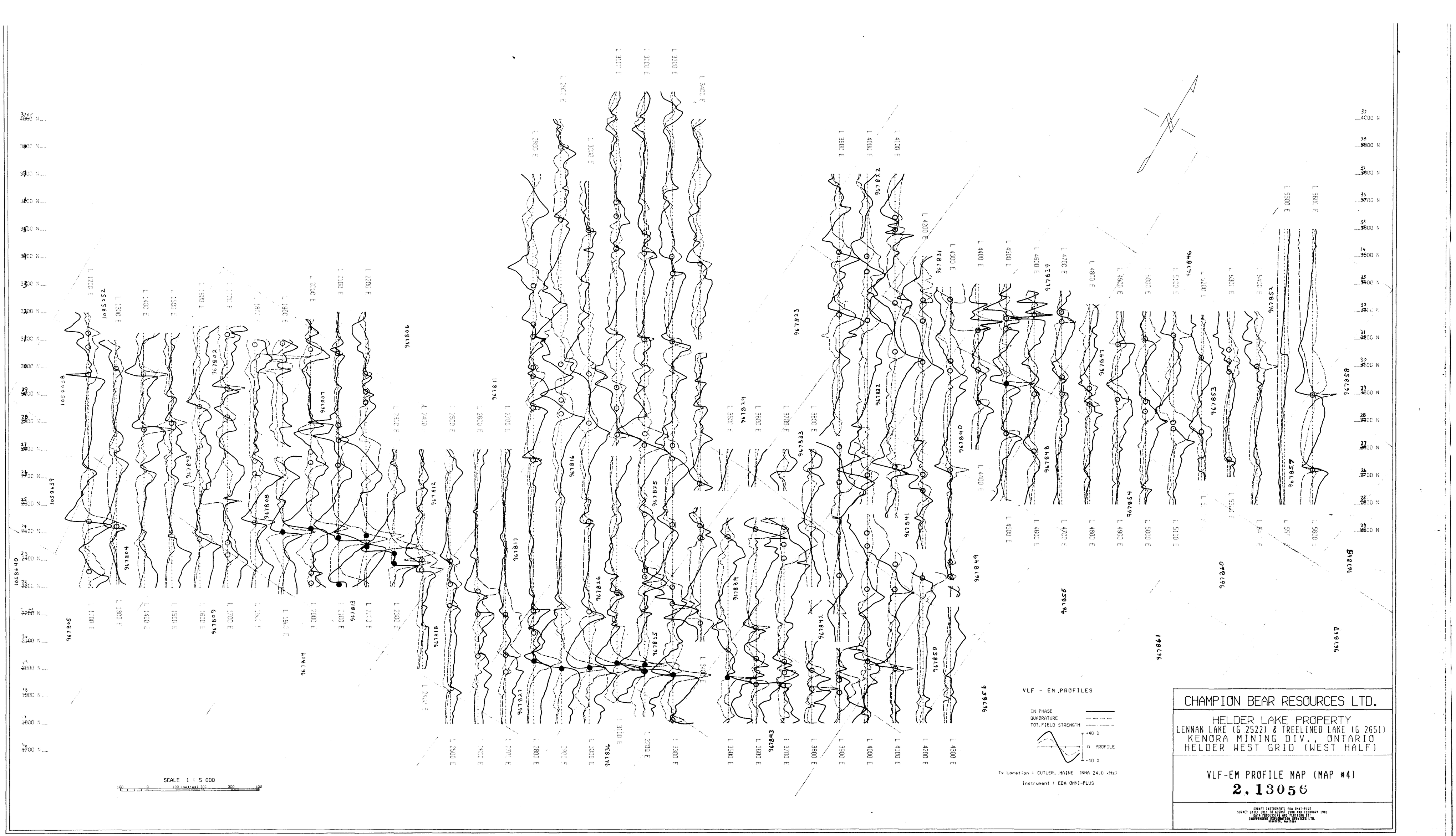
CHAMPION BEAR RESOURCES LTD.

HELDER LAKE PROPERTY
LENNAN LAKE (G 2522) & TREELINED LAKE (G 2651)
KENORA MINING DIV., ONTARIO
HELDER WEST GRID (WEST HALF)

VERTICAL GRADIENT MAGNETIC CONTOUR MAP (MAP #3)

2.13056

SURVEY INSTRUMENT: ESH OMNIPLUS
SURVEY DATE: JULY 19 AUGUST 1989 AND FEBRUARY 1989
DATA PROCESSING AND PLOTTING BY:
INDEPENDENT EXPLORATION SERVICES LTD.
WINNIPEG, MANITOBA




CHAMPION BEAR RESOURCES LTD.
HELDER LAKE PROPERTY
LENNAN LAKE (G 2522) & TREELINED LAKE (G 2651)
KENORA MINING DIV., ONTARIO
HELDER WEST GRID (WEST HALF)
VLF-EM CONTOUR MAP (MAP #5)
(FRASER FILTERED IN-PHASE)
2.13056
SURVEY INSTRUMENT: EDA OMNI-PLUS
SURVEY DATE: JULY TO AUGUST 1988 AND FEBRUARY 1989
DATA PROCESSING AND PLOTTING BY:
INDEPENDENT EXPLORATION SERVICES LTD.
WINNIPEG, MANITOBA
CONTOUR INTERVALS
5 %
10 %
50 %
SCALE 1 : 5 000
100 (metres) 200

260

CHAMPION BEAR RESOURCES LTD.

HELDER LAKE PROPERTY

LENNAN LAKE (G 2522) & TREELINED LAKE (G 2651)
KENORA MINING DIV., ONTARIO
HELDER WEST GRID (WEST HALF)

MAGNETIC POSTINGS (MAP #6)
(TOT.FIELD & VERT.GRADIENT)

2.13056

SURVEY INSTRUMENT: EDA OMNI-PLUS WITH BASE STATION
SURVEY DATE: JULY TO AUGUST 1988 AND FEBRUARY 1989
DATA PROCESSING AND PLOTTING BY:
INDEPENDENT EXPLORATION SERVICES LTD.
WINNIPEG, MANITOBA

CHAMPION BEAR RESOURCES LTD.

HELDER LAKE PROPERTY
LENNAN LAKE (G 2522) & REELLINED LAKE (G 2651)
KENORA MINING DIV., ONTARIO
HELDER WEST GRID (WEST HALF)

VLF-EM POSTINGS (MAP #7)
(IN-PHASE & QUADRATURE)

E.# 13056

SOURCE DATA: SEE TECHNICAL REPORT AND ASSESSMENT WORK
DATA REDUCTION AND PLOTTING BY:
INDEPENDENT GEOPHYSICAL LABORATORIES LTD.
SUDBURY, ONTARIO

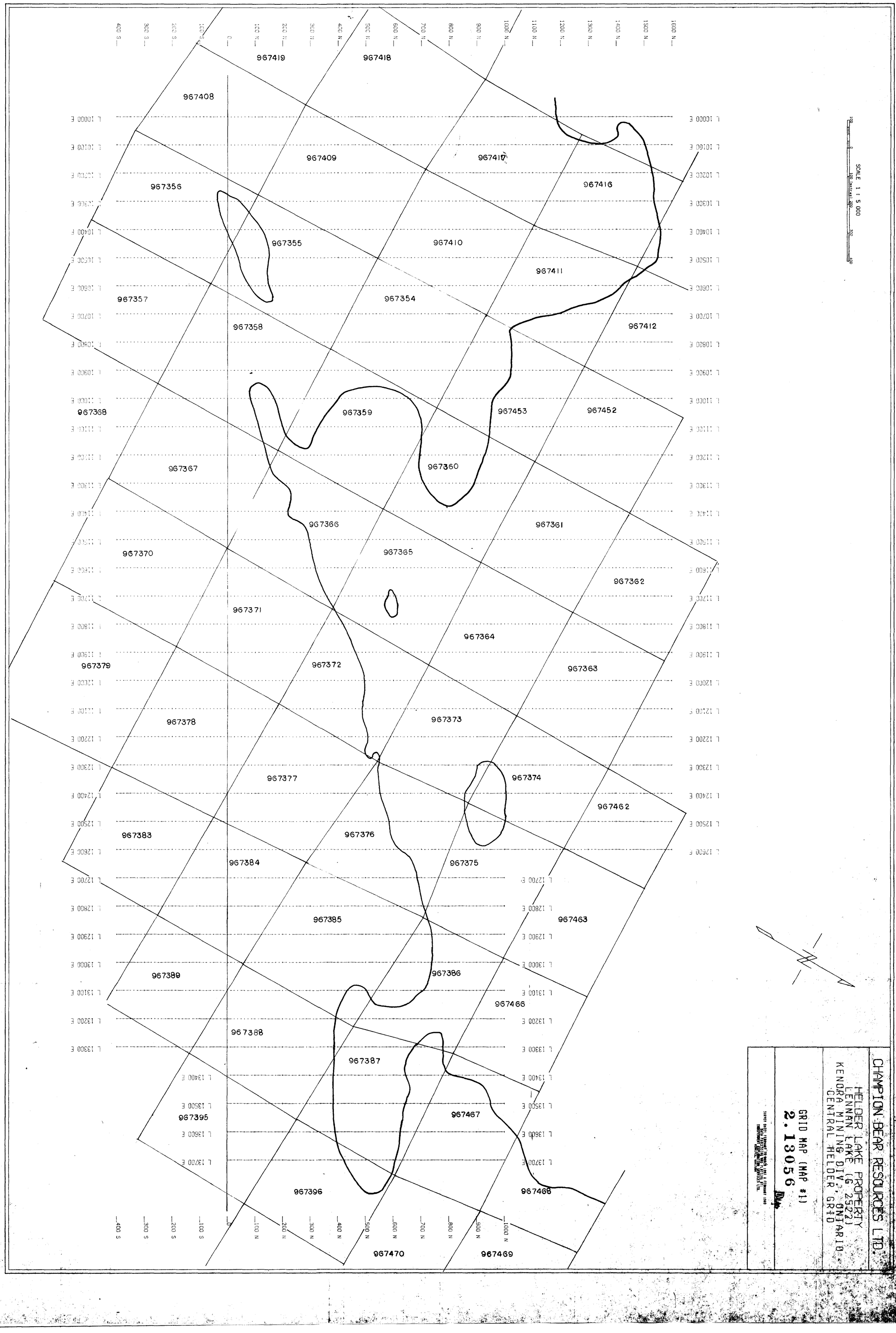
SCALE 1 : 5 000

280

SUDBURY 2.13956 LENNAN LAKE


CHAMPION BEAR RESOURCES LTD.
HELDER LAKE PROPERTY
LENNAN LAKE (G 2522) & TREELINED LAKE (G 2651)
KENORA MINING DIV., ONTARIO
HELDER WEST GRID (WEST HALF)
VLF-EM POSTINGS (MAP #7)
(TOTAL FIELD STRENGTH)
2.13056
SURVEY INSTRUMENT: EDA OMNI-PLUS
SURVEY DATE: JULY TO AUGUST 1988 AND FEBRUARY 1989
DATA PROCESSING AND PLOTTING BY:
INDEPENDENT EXPLORATION SERVICES LTD.
WINNIPEG, MANITOBA
SCALE 1 : 5 000

300



CHAMPION BEAR RESOURCES LTD.

HELDER LAKE PROPERTY
LENNAN LAKE (G 2522)
KENORA MINING DIV., ONTARIO
CENTRAL HELDER GRID

GRID MAP (MAP #1)

2.13056

SURVEYED DATES: FEBRUARY TO MARCH, 1987 & FEBRUARY 1989
SURVEYED BY: GEOTRONICS SURVEYS LTD.
UNDERGROUND SURVEYS LTD.

CHAMPION BEAR RESOURCES LTD.

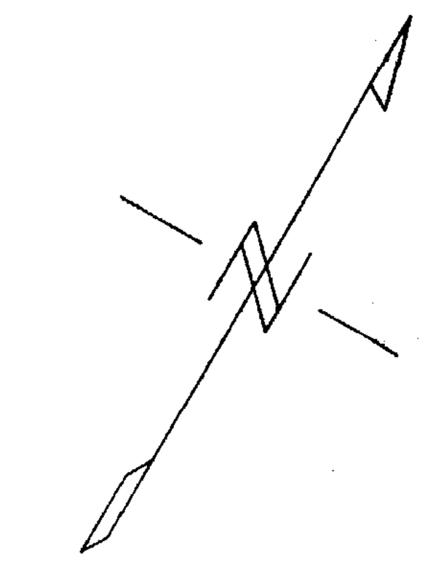
HELDER LAKE PROPERTY
LENNAN LAKE (G 2522)
KENORA MINING DIV., ONTARIO
CENTRAL HELDER GRID

TOTAL FIELD MAGNETIC CONTOUR MAP (MAP #2)
(BASE STATION CORRECTED)

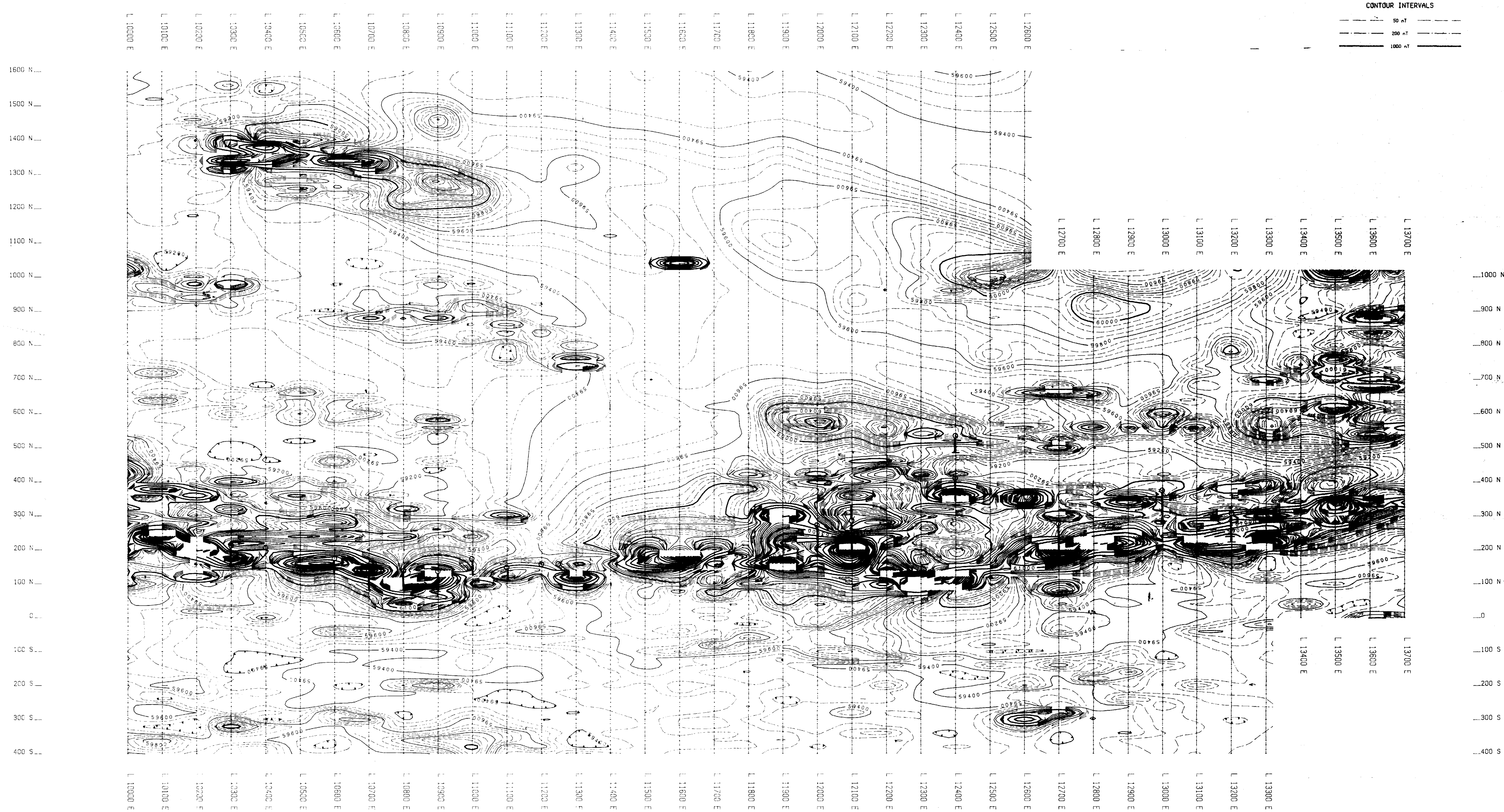
2.13056

SURVEY INSTRUMENT: EDA OMNI-PLUS WITH BASE STATION
SURVEY DATE: FEBRUARY TO MARCH 1987
DATA PROCESSING AND PLOTTING BY:
INDEPENDENT EXPLORATION SERVICES LTD.
WINNIPEG, MANITOBA

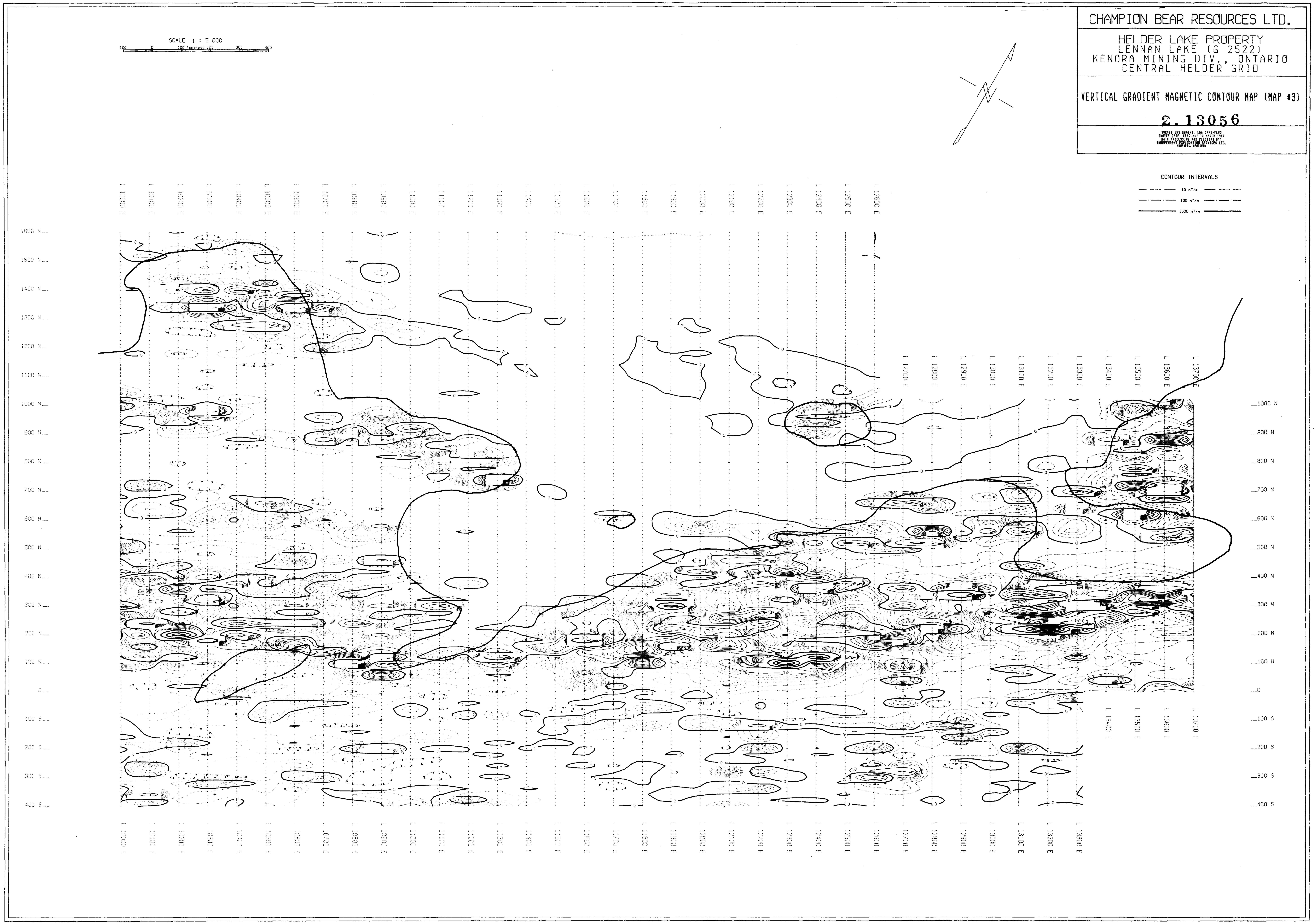
SCALE 1 : 5 000
100 0 100 (metres) 200 300 400



CONTOUR INTERVALS
50 nT
200 nT
1000 nT



310



52L06SE0081 2.13056 LENNAN LAKE

320

SCALE 1 : 5 000

100 0 100 200 (metres) 300 400 500

CHAMPION BEAR RESOURCES LTD.

HELDER LAKE PROPERTY
LENNAN LAKE (G 2522)
KENORA MINING DIV., ONTARIO
CENTRAL HELDER GRID

VLF-EM PROFILE MAP (MAP #4)
(IN-PHASE & QUADRATURE)

2.13056

SURVEY INSTRUMENT: GEONICS EM-16 & EDA OMNI-PLUS
SURVEY DATE: FEBRUARY TO MARCH 1987 & FEBRUARY 1988
DATA PROCESSING AND PLOTTING BY:
INDEPENDENT EXPLORATION SERVICES LTD.
WINNIPEG, MANITOBA

VLF - EM PROFILES

IN PHASE
QUADRATURE
TOT. FIELD STRENGTH

+40 %
0 PROFILE
-40 %

Tx Location : CUTLER, MAINE (NAA 24.0 kHz)
Instrument : EDA OMNI-PLUS

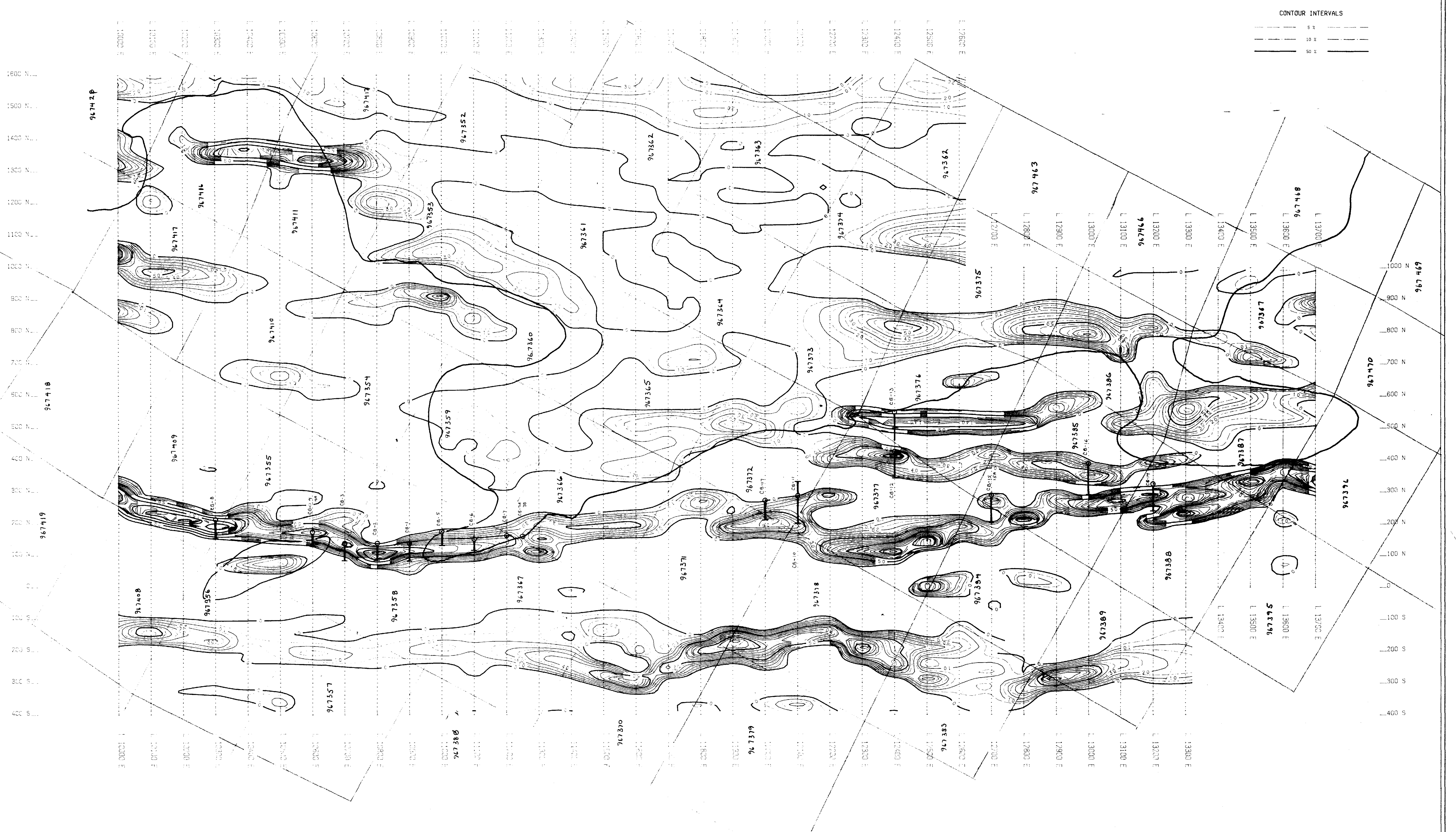
CHAMPION BEAR RESOURCES LTD.

HELDER LAKE PROPERTY
LENNAN LAKE (G 2522)
KENORA MINING DIV., ONTARIO
CENTRAL HELDER GRID

2.13056

VLF-EM CONTOUR MAP (MAP #5)
(FRASER FILTERED IN-PHASE)

SURVEY INSTRUMENT: GEONICS EM-16 & EDA OMNI-PLUS
SURVEY DATE: FEBRUARY TO MARCH 1987 & FEBRUARY 1989
DATA PROCESSING AND PLOTTING BY:
INDEPENDENT EXPLORATION SERVICES LTD.
WINNIPEG, MANITOBA



340

52L08SE0001 2.13056 LENNAN LAKE

CHAMPION BEAR RESOURCES LTD.

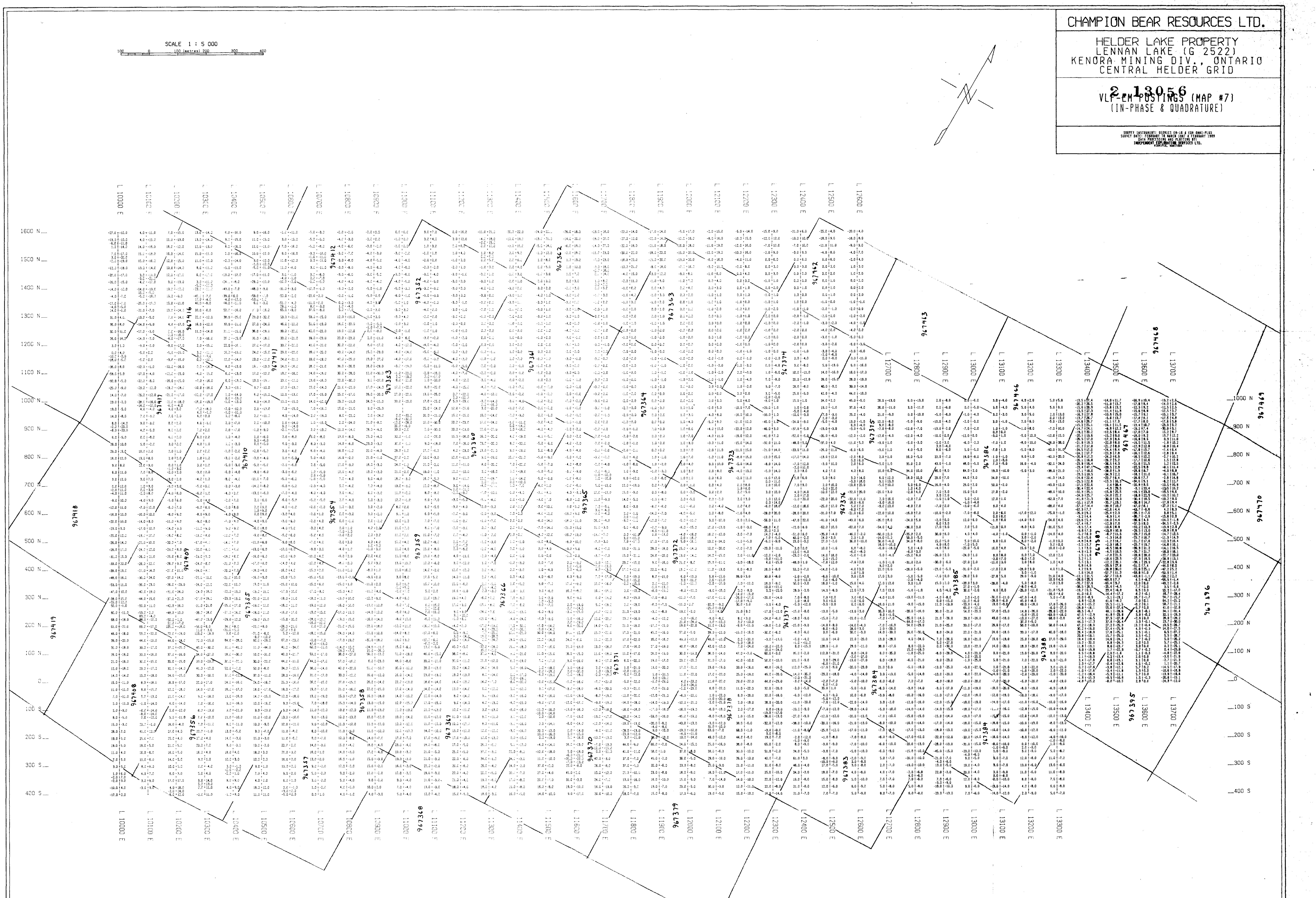
HELDER LAKE PROPERTY
LENNAN LAKE (G 2522)
KENORA MINING DIV., ONTARIO
CENTRAL HELDER GRID

2.13056

MAGNETIC POSTINGS (MAP #6)
(TOTAL FIELDS & VERTICAL GRADIENT)

SURVEY INSTRUMENT: EDA OMNI-PLUS WITH BASE STATION
SURVEY DATE: FEBRUARY 10 MARCH 1987 & FEBRUARY 1989
DATA PROCESSING AND PLOTTING BY:
MAGNETECH GEOPHYSICAL SERVICES LTD.
KENTVILLE, NOVA SCOTIA

SCALE 1 : 5 000



52L08SE0001 2.13056 LENNAN LAKE

360

SCALE 1 : 5 000

100 0 100 Imetres 200 300 400

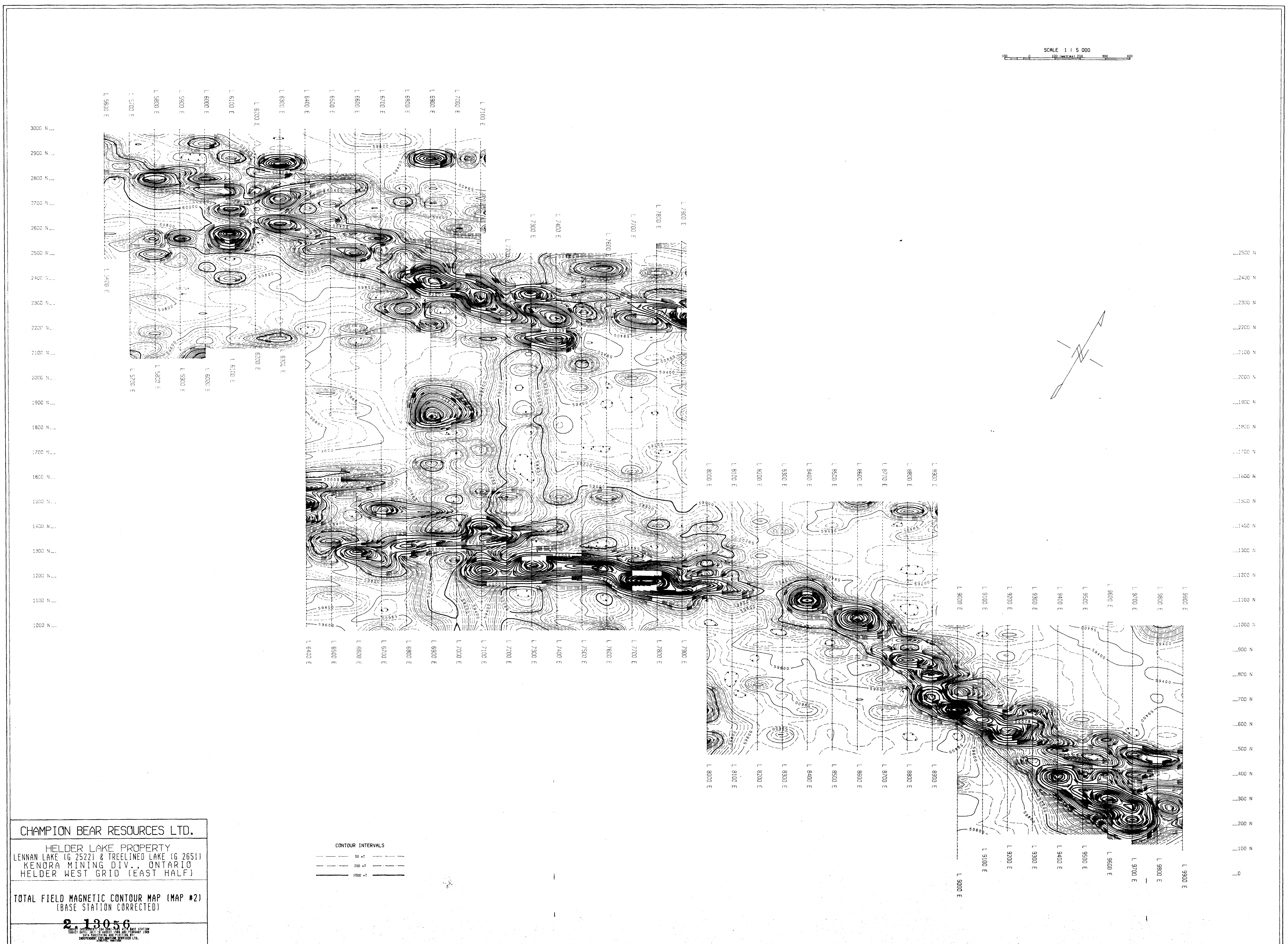
CHAMPION BEAR RESOURCES LTD.

HELDER LAKE PROPERTY
LENNAN LAKE (G 2522) & TREELINED LAKE (G 2651)
KENORA MINING DIV., ONTARIO
HELDER WEST GRID (EAST HALF)

GRID MAP (MAP #1)

2.13056

SURVEY DATES: JULY TO AUGUST 1988 AND FEBRUARY 1989
DATA PROCESSING AND PLOTTING BY:
UNDERHILL GEOMATICS SERVICES LTD.
REGINA, SASKATCHEWAN



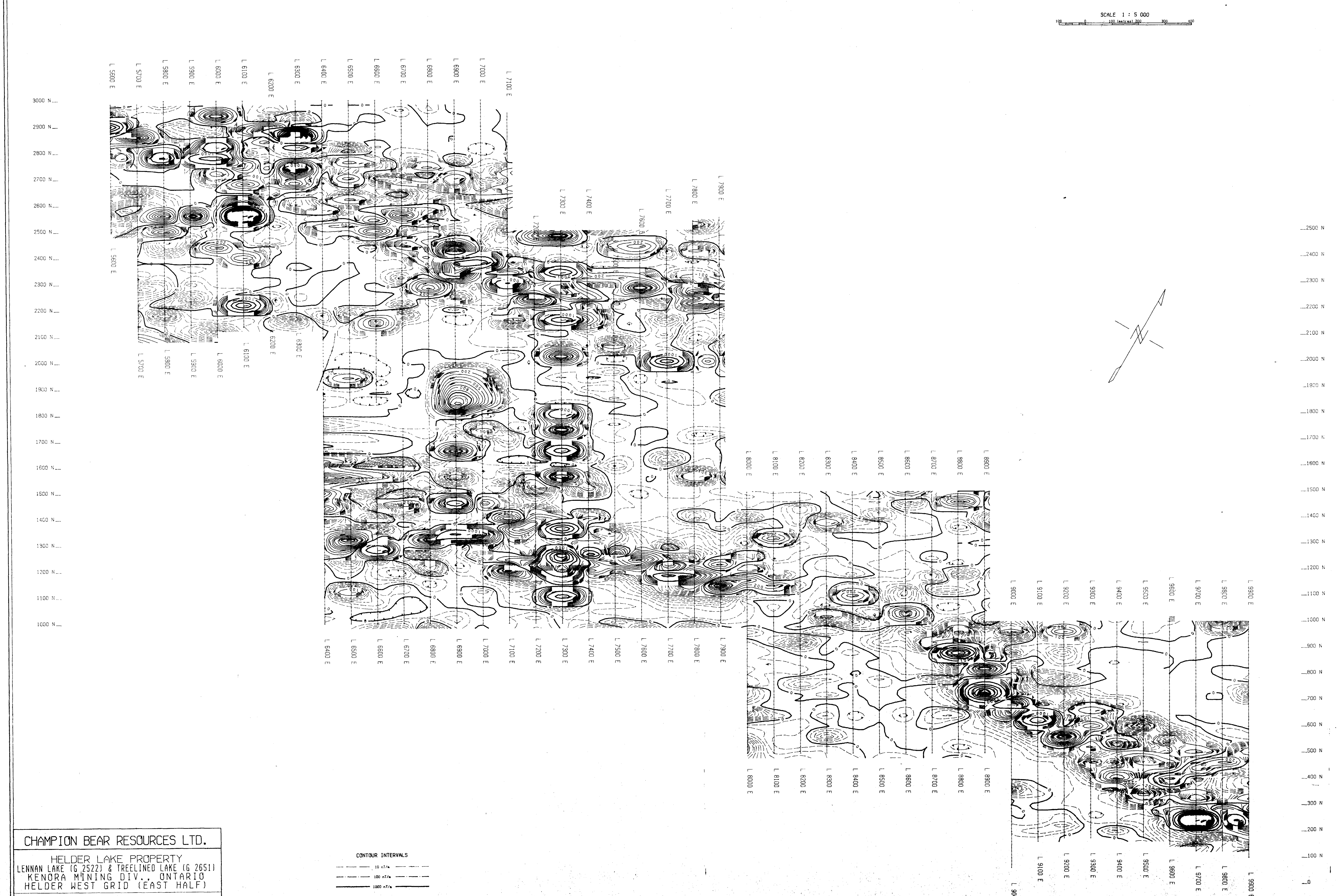
CHAMPION BEAR RESOURCES LTD.

HELDER LAKE PROPERTY
LENNAN LAKE (G 2522) & TREELINED LAKE (G 2651)
KENORA MINING DIV., ONTARIO
HELDER WEST GRID (EAST HALF)

TOTAL FIELD MAGNETIC CONTOUR MAP (MAP #2)
(BASE STATION CORRECTED)

2.13056

380



CHAMPION BEAR RESOURCES LTD.

HELDER LAKE PROPERTY
LENNAN LAKE (G 2522) & TREELINED LAKE (G 2651)
KENORA MINING DIV., ONTARIO
HELDER WEST GRID (EAST HALF)

VERTICAL GRADIENT MAGNETIC CONTOUR MAP (MAP #3)

2.13056

390

SCALE 1 : 5 000

100 0 100 200 300 400 metres

CHAMPION BEAR RESOURCES LTD.

HELDER LAKE PROPERTY
LENNAN LAKE (G 2522) & TREELINED LAKE (G 2651)
KENORA MINING DIV., ONTARIO
HELDER WEST GRID (EAST HALF)

VLF-EM PROFILE MAP (MAP #4)

2.13056

SURVEY INSTRUMENT: EDA OMNI-PLUS
SURVEY DATE: FEBRUARY/MARCH 1989
PLOTTED: MARCH 1989
INDEPENDENT EXPLORATION SERVICES LTD.
KIRKLAND LAKE, ONTARIO

VLF - EM.PROFILES

IN PHASE
QUADRATURE
TOT.FIELD STRENGTH

+40 %
0 PROFILE
-40 %

Tx Location : CUTLER, MAINE (NNA 24.0 kHz)
Instrument : EDA OMNI-PLUS

Can. Eagle
214 Claim Option

SCALE 1 : 5 000

100 0 100 metres 200 300 400

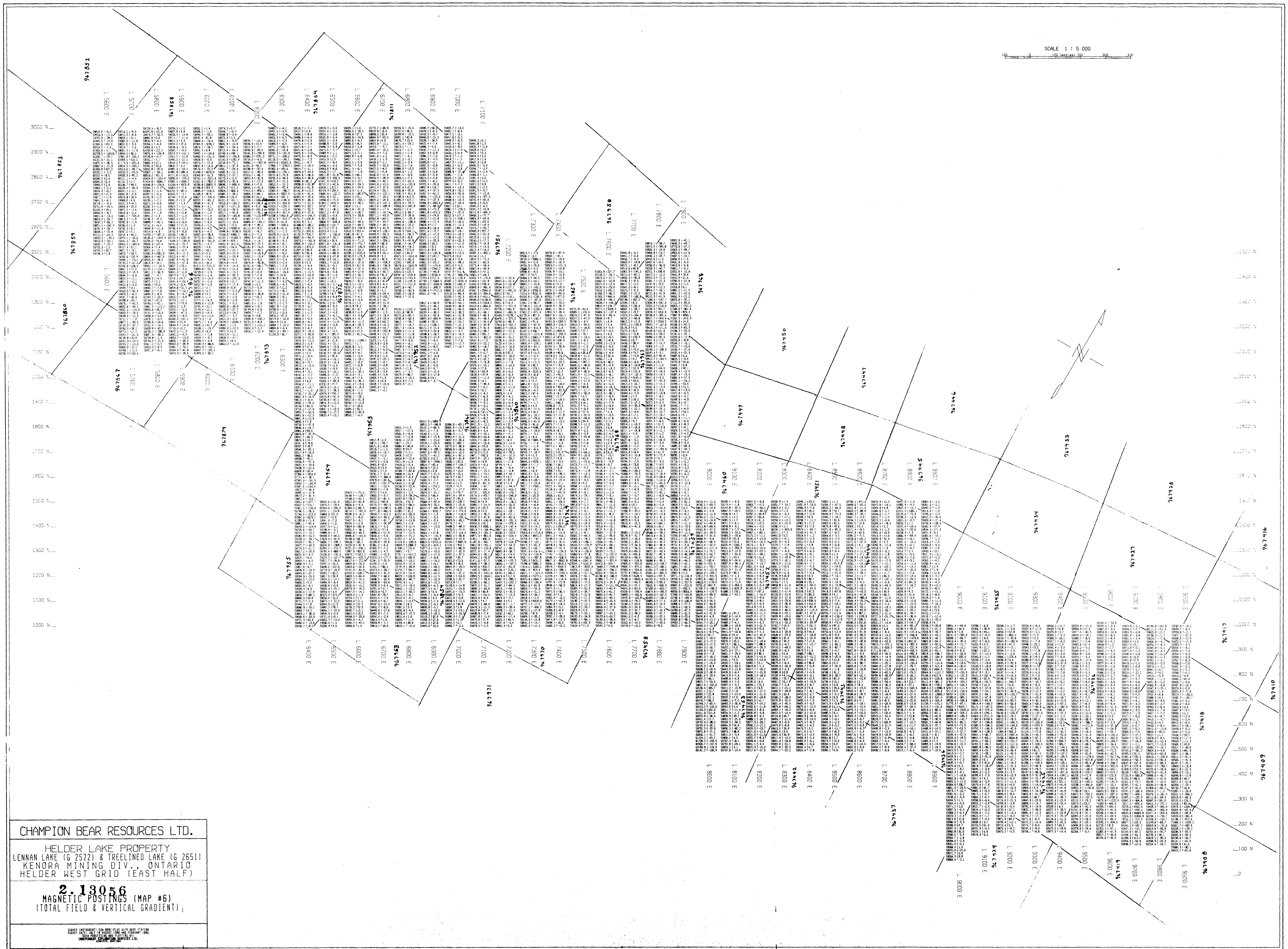
CONTOUR INTERVALS

5 %

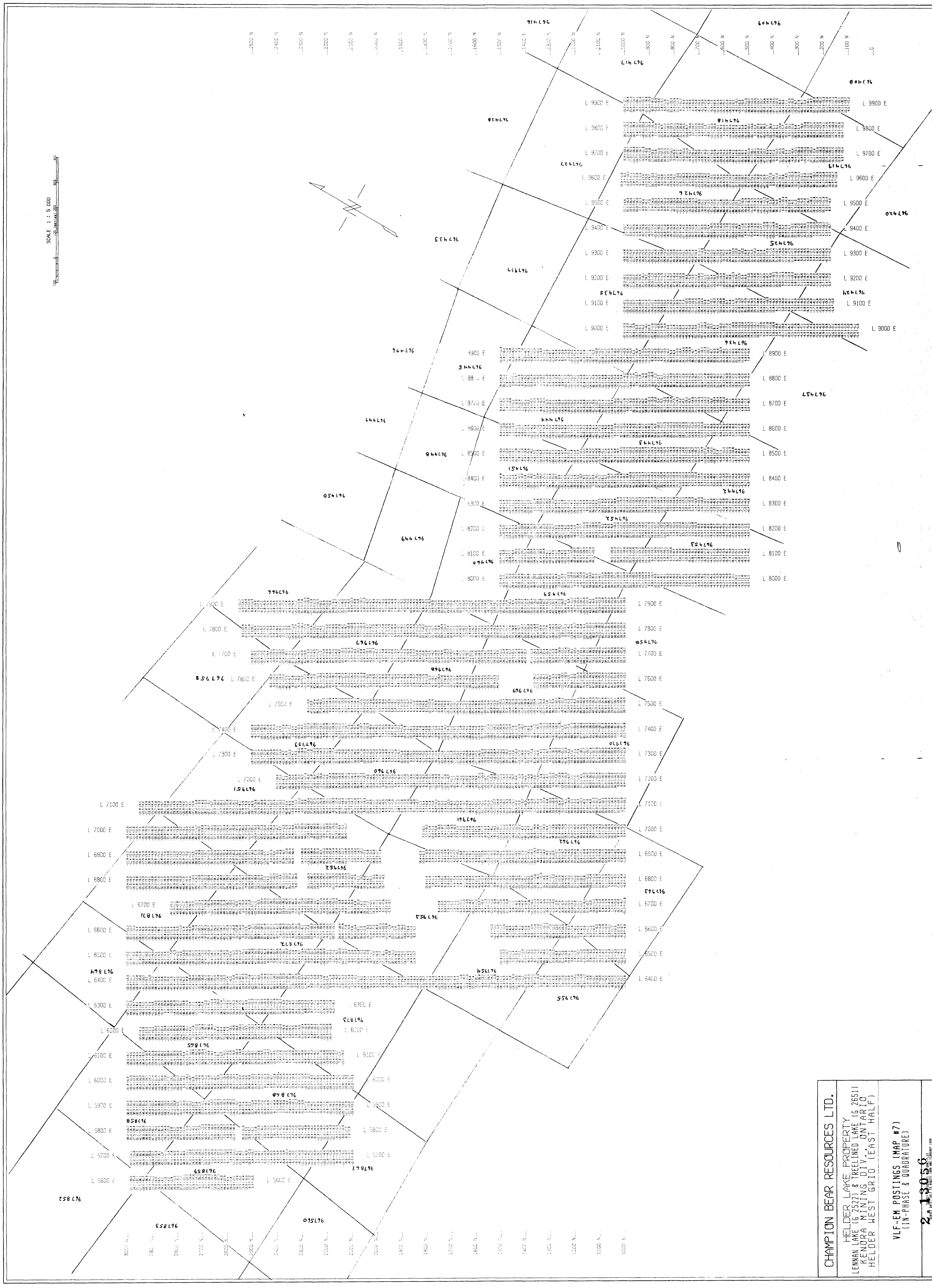
10 %

100 %

CHAMPION BEAR RESOURCES LTD.
HELDER LAKE PROPERTY LENNAN LAKE (G 2522) & TREELINED LAKE (G 2651) KENORA MINING DIV., ONTARIO HELDER WEST GRID (EAST HALF)
VLF-EM CONTOUR MAP (MAP #5) (FRASER FILTERED IN-PHASE) **2.13056**
SURVEY INSTRUMENT: EDA OMNI-PLUS SURVEY DATE: JULY 29 MODEL 1988 AND FEBRUARY 1989 DATA PROCESSING AND PLOTTING BY: GEOPHYSICAL SERVICES LTD. TIMMINS, ONTARIO


SCALE 1 : 5 000
CHAMPION BEAR RESOURCES LTD.
HELDER LAKE PROPERTY
LENNAN LAKE (G 2522) & TREELINED LAKE (G 2651)
KENORA MINING DIV., ONTARIO
HELDER WEST GRID (EAST HALF)
2.13056
MAGNETIC POSTINGS (MAP #6)
(TOTAL FIELD & VERTICAL GRADIENT)
SURVEY INSTRUMENT: EDA OMNI-PLUS WITH BASE STATION
SURVEY DATE: JULY TO AUGUST 1988 AND FEBRUARY 1989
DATA PROCESSING AND PLOTTING BY:
INDEPENDENT EXPLORATION SERVICES LTD.
WINNIPEG, MANITOBA

420



CHAMPION BEAR RESOURCES LTD.

HELDER LAKE PROPERTY
LENNAN LAKE (G 2522) & TREELINED LAKE (G 2651)
KENORA MINING DIV., ONTARIO
HELDER WEST GRID (EAST HALF)

VLF-EM POSTINGS (MAP #7)
(IN-PHASE & QUADRATURE)

SURVEY INSTRUMENT: OMNI-PLUS
SURVEY DATE: JULY TO AUGUST 1988 AND FEBRUARY 1989
DATA PROCESSING AND PLOTTING BY:
INDEPENDENT EXPLORATION SERVICES LTD.
WINNIPEG, MANITOBA

2.13056

430

52L08SE0001 2.13056 LENNAN LAKE

CHAMPION BEAR RESOURCES LTD.

HELDER LAKE PROPERTY
LENNAN LAKE (G 2522) & TREELINED LAKE (G 2651)
KENORA MINING DIV., ONTARIO
HELDER WEST GRID (EAST HALF)

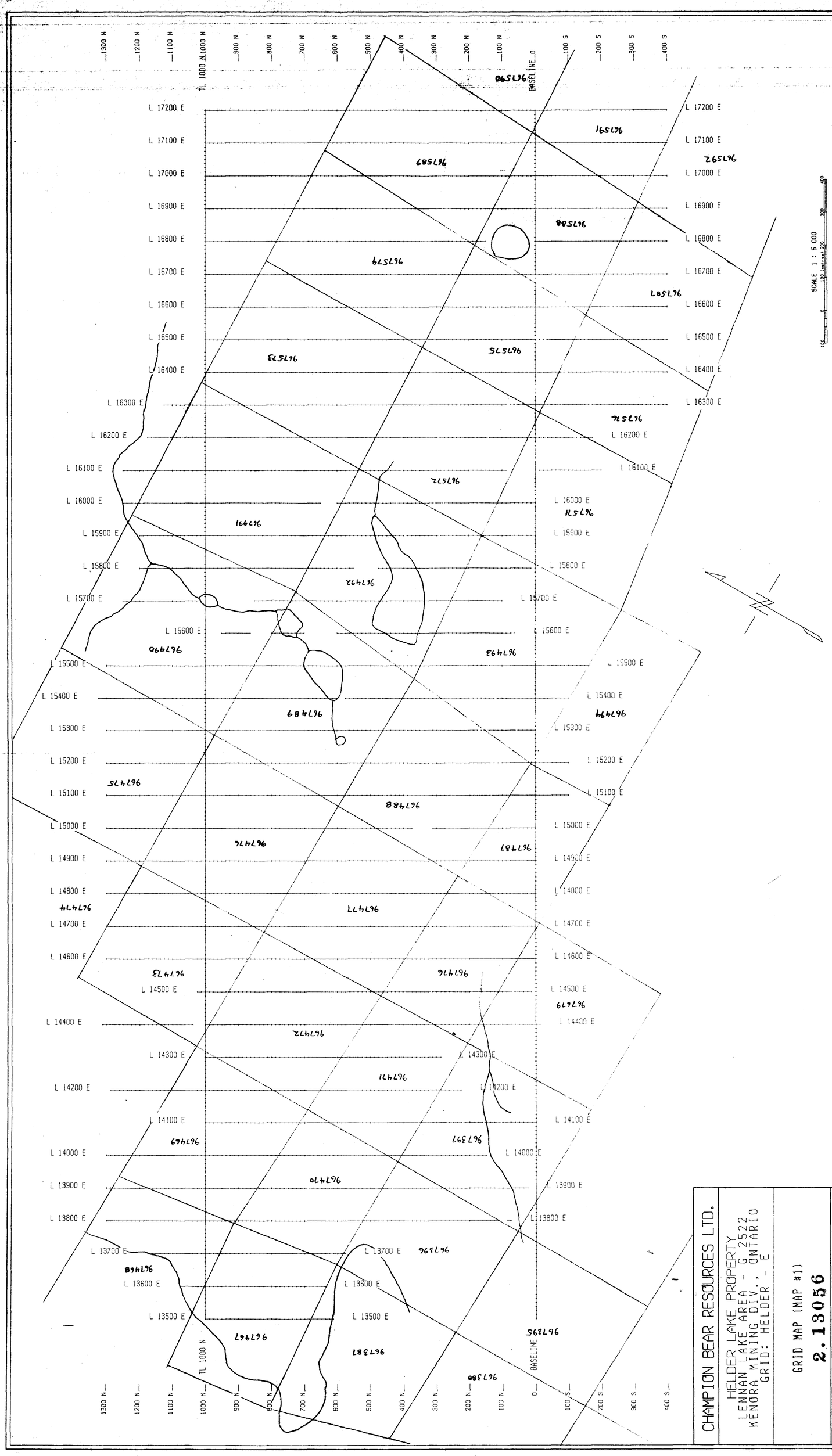
VLF-EM POSTINGS (MAP #8)
(TOTAL FIELD STRENGTH)

2.13056

SURVEY INSTRUMENT: EM MAX-MIN
DATA RECEIVED AND PLOTTED BY:
GEOTECH (ONTARIO) LTD.
CONCORD, ONTARIO

SCALE 1 : 5 000

440



CHAMPION BEAR RESOURCES LTD.

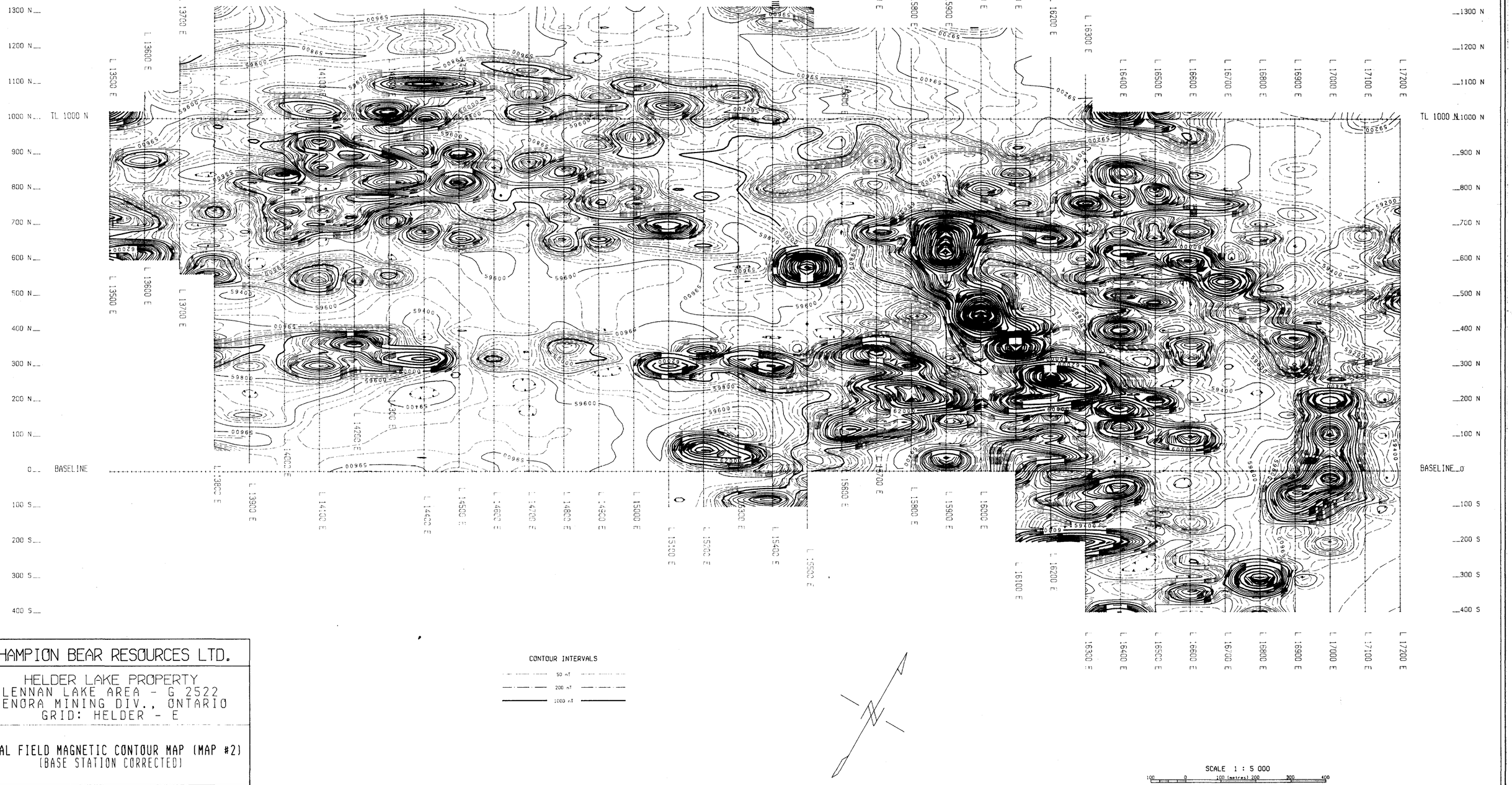
HELDER LAKE PROPERTY
LENNAN LAKE AREA - G 2522
KENORA MINING DIV., ONTARIO
GRID: HELDER - E

GRID MAP (MAP #1)

2.13056

SURVEY DATES: JULY 19 AUGUST 1988
DATA PROCESSING AND PLOTTING BY:
PROFESSIONAL GEOPHYSICAL SERVICES LTD.

450



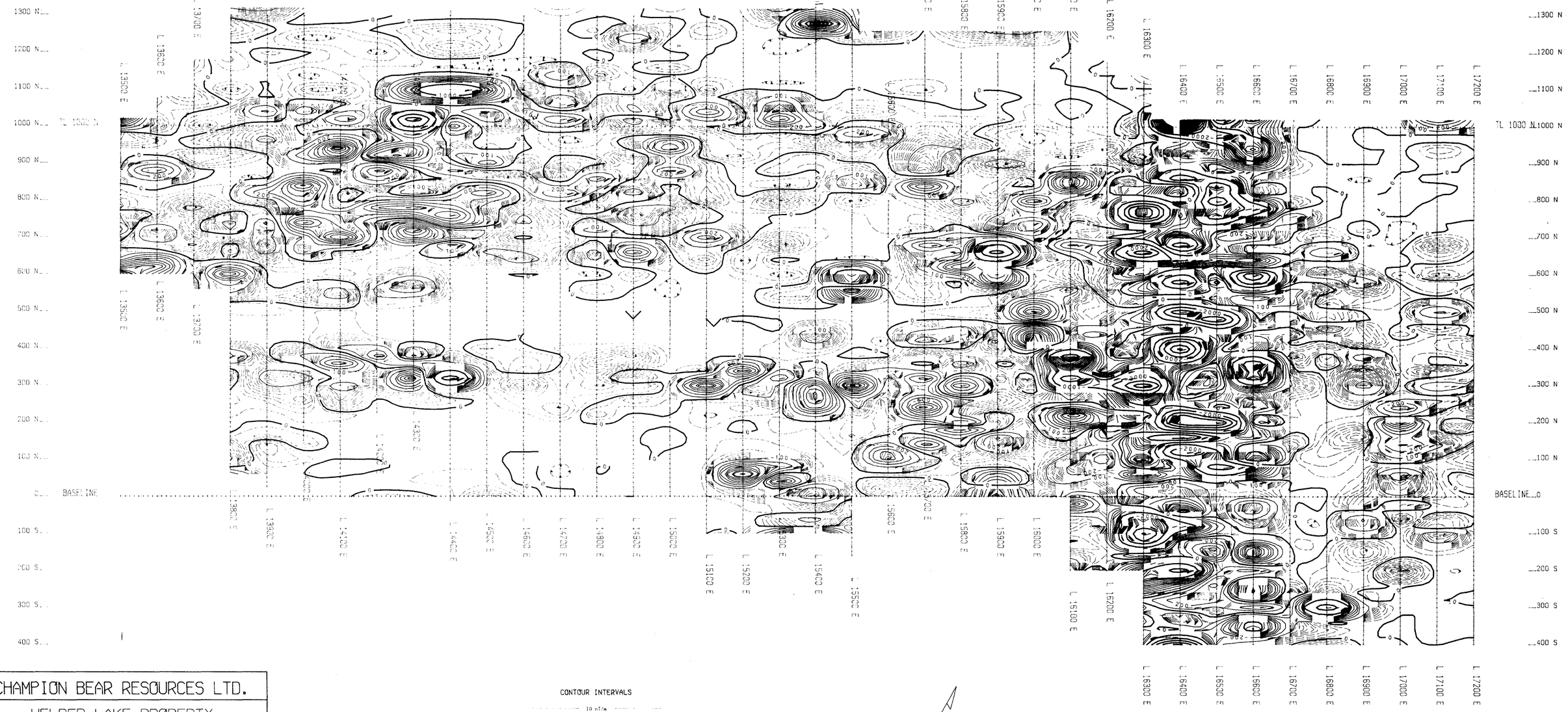
CHAMPION BEAR RESOURCES LTD.

HELDER LAKE PROPERTY
LENNAN LAKE AREA - G 2522
KENORA MINING DIV., ONTARIO
GRID: HELDER - E

TOTAL FIELD MAGNETIC CONTOUR MAP (MAP #2)
(BASE STATION CORRECTED)

SURVEY INSTRUMENT: EDA OMNI-PLUS WITH BASE MAG
SURVEY DATE: JULY 30 - AUGUST 1988
DATA PROCESSING AND PLOTTING BY:
INDEPENDENT EXPLORATION SERVICES LTD.
KIMBERLEY, B.C.

2.13056



CHAMPION BEAR RESOURCES LTD.

HELDER LAKE PROPERTY
LENNAN LAKE AREA - G 2522
KENORA MINING DIV., ONTARIO
GRID: HELDER - E

VERTICAL GRADIENT MAGNETIC CONTOUR MAP (MAP #3)

2.13056

SURVEY INSTRUMENT: EDA OMNI-PLUS
SURVEY DATES: JULY TO AUGUST 1989
DATA PROCESSING AND PLOTTING BY:
INDEPENDENT EXPLORATION SERVICES LTD.
KIRKOFF, MANITOBA

CONTOUR INTERVALS

10 nT/m
100 nT/m
1000 nT/m

SCALE 1 : 5 000

100 0 100 (metres) 200 300 400

CHAMPION BEAR RESOURCES LTD.

HELDER LAKE PROPERTY
LENNAN LAKE AREA - G 2522
KENORA MINING DIV., ONTARIO
GRID: HELDER - E

VLF-EM PROFILE MAP (MAP #4)

2.13056

SURVEY INSTRUMENT: EDA OMNI-PLUS
SURVEY DATES: JULY TO AUGUST 1990
DATA PROCESSING AND PLOTTING BY:
INDEPENDENT EXPLORATION SERVICES LTD.
WINNIPEG, MANITOBA

VLF - EM.PROFILES

IN PHASE
QUADRATURE
TOT.FIELD STRENGTH

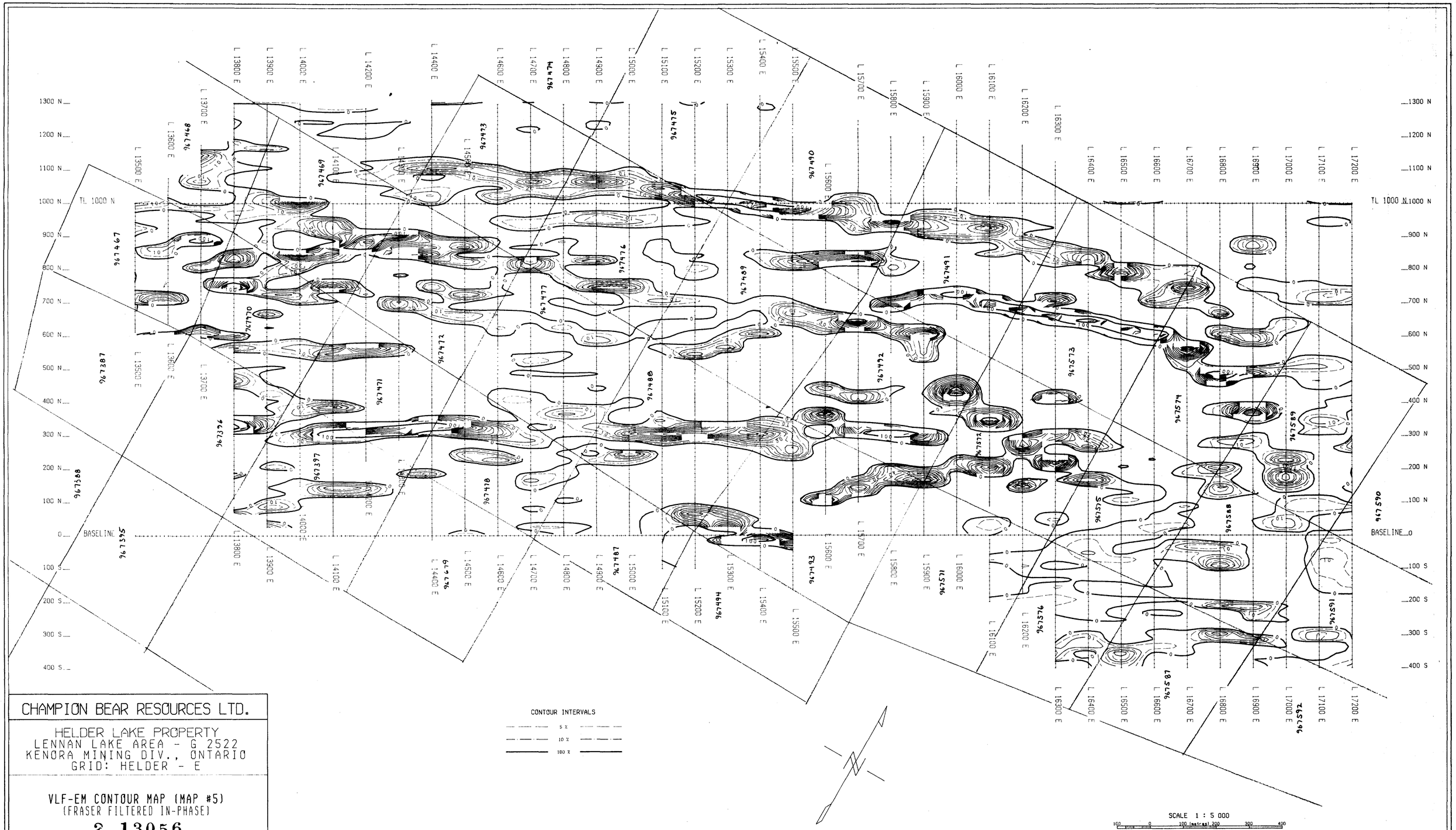
+40 %
0 PROFILE
-40 %

Tx Location : CUTLER, MAINE (NAA 24.0 kHz)

Instrument : EDA OMNI-PLUS

SCALE 1 : 5 000

100 0 100 Metres 200 300 400



CHAMPION BEAR RESOURCES LTD.

HELDER LAKE PROPERTY
LENNAN LAKE AREA - G 2522
KENORA MINING DIV., ONTARIO
GRID: HELDER - E

VLF-EM CONTOUR MAP (MAP #5)
(FRASER FILTERED IN-PHASE)

2.13056

SURVEY INSTRUMENT: EDA OMNI-PLUS
SURVEY DATE: JULY 18 AUGUST 1988
DATA PROCESSING AND PLOTTING BY:
INDEPENDENT EXPLORATION SERVICES LTD.
TORONTO, ONTARIO

52L08SE0001 2.13056 LENNAN LAKE

500

CHAMPION BEAR RESOURCES LTD.

HELDER LAKE PROPERTY
LENNAN LAKE AREA - G 2522
KENORA MINING DIV., ONTARIO
GRID: HELDER - E

VLF-EM POSTINGS (MAP #7)
(IN-PHASE & QUADRATURE)

2.13056

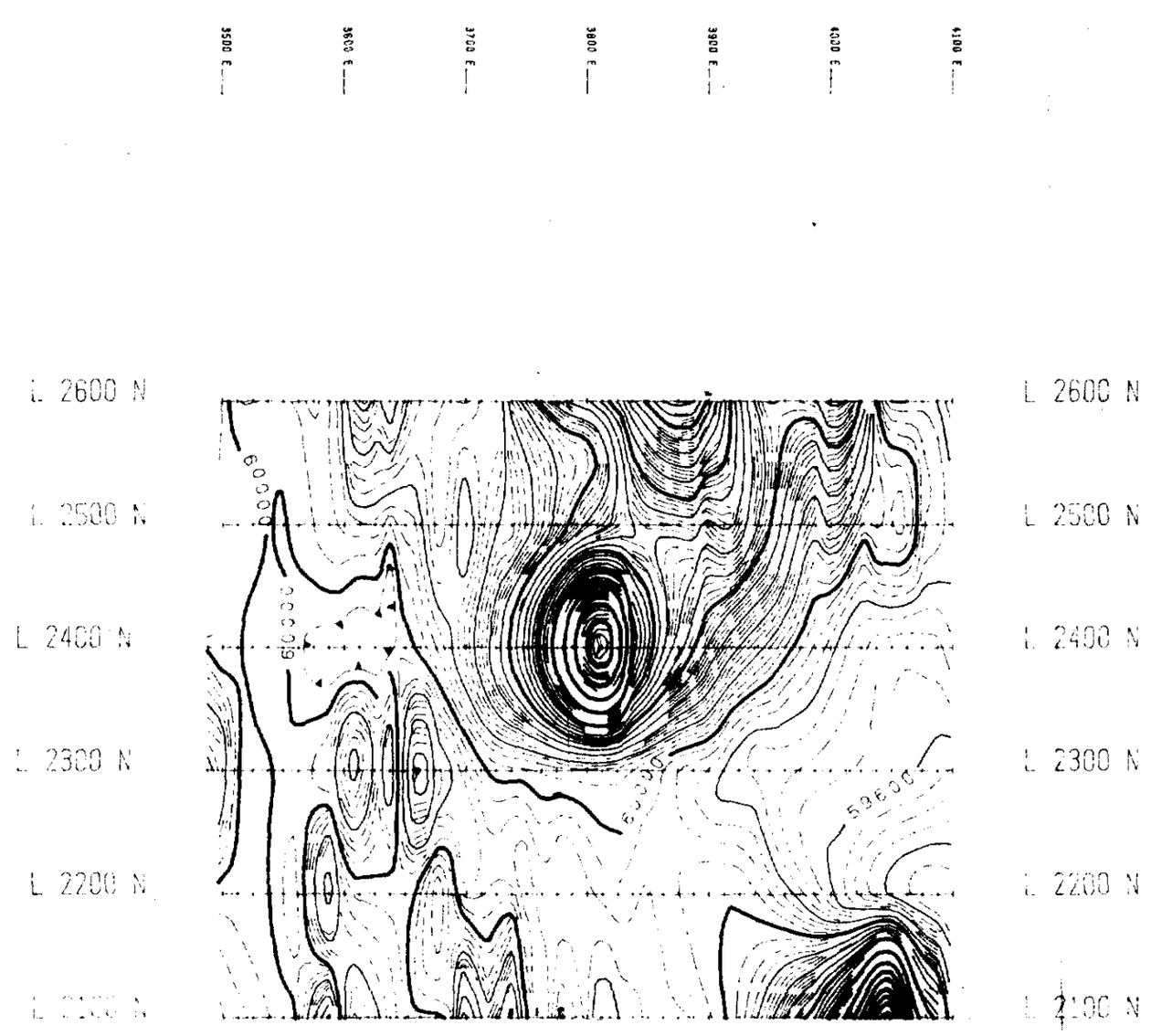
SURVEY INSTRUMENT: EDA OMNI-PLUS
SURVEY DATE: JULY TO AUGUST 1988
DATA PROCESSING AND PLOTTING BY:
INDEPENDENT EXPLORATION SERVICES LTD.
WINNIPEG, MANITOBA

52L08SE0001 2.13056 LENNAN LAKE

510

52L08SE0001 2.13056 LENNAN LAKE

520



SCALE 1 : 5 000

100 0 100 (metres) 200 300 400

CHAMPION BEAR RESOURCES LTD.

HELDER LAKE PROPERTY
LENNAN LAKE (G 2522) & TREELINED LAKE (G 2651)
KENORA MINING DIV., ONTARIO
GRID: HELDER - W (CROSS GRID)

TOTAL FIELD MAGNETIC CONTOUR MAP (MAP #2)
(BASE STATION CORRECTED)

CONTOUR INTERVALS

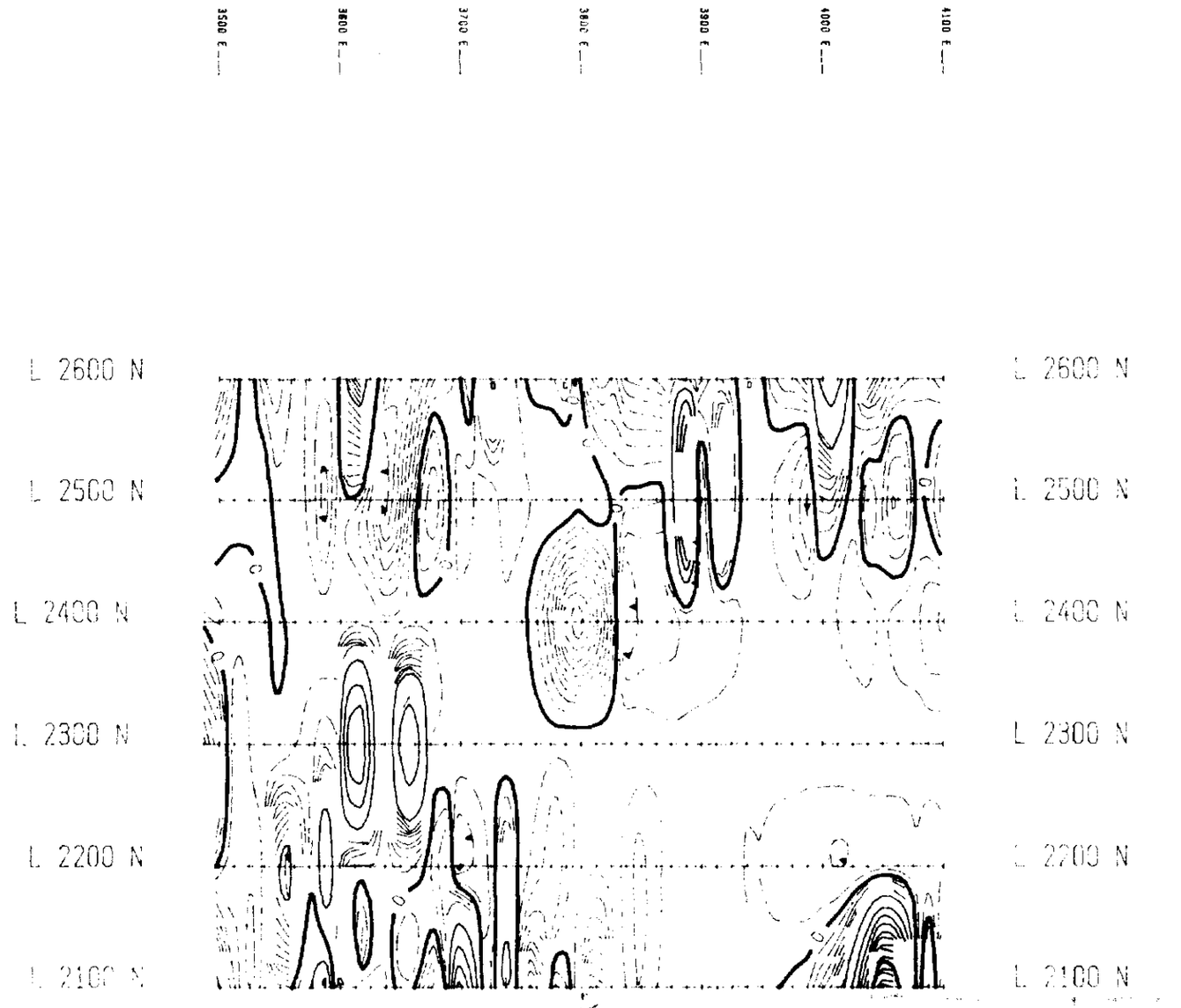
50 nT

200 nT

1000 nT

SURVEY INSTRUMENT: EDA OMNI-PLUS WITH BASE STATION
SURVEY DATE: JANUARY 88
DATA PROCESSED AND PLOTTED BY:
INDEPENDENT EXPLORATION SERVICES LTD.
WINNIPEG, MANITOBA

2.13056



SCALE 1 : 5 000

100 0 100 (metres) 200 300 400

CONTOUR INTERVALS

10 nT/m

100 nT/m

1000 nT/m

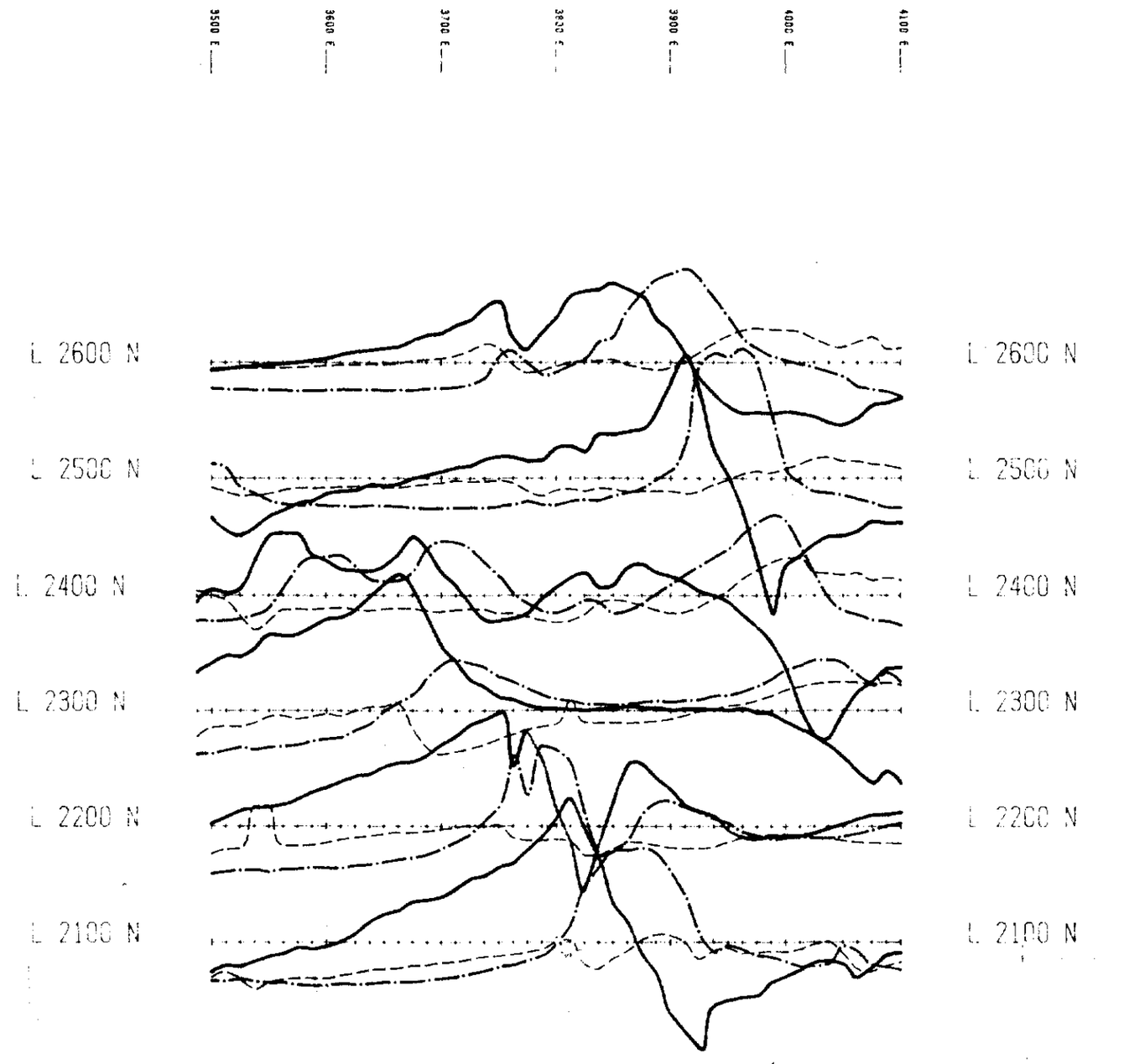
CHAMPION BEAR RESOURCES LTD.

HELDER LAKE PROPERTY
LENNAN LAKE (G 2522) & TREELINED LAKE (G 2651)
KENORA MINING DIV., ONTARIO
GRID: HELDER - W (CROSS GRID)

VERTICAL GRADIENT MAGNETIC CONTOUR MAP (MAP #3)

2.13056

SURVEY INSTRUMENT: EDA OMNI-PLUS
SURVEY DATE: JANUARY 1989
DATA PROCESSING AND PLOTTING BY:
INDEPENDENT EXPLORATION SERVICES LTD.
WINNIPEG, MANITOBA



SCALE 1 : 5 000

100 0 100 (metres) 200 300 400

VLF - EM .PROFILES

IN PHASE
QUADRATURE
TOT.FIELD STRENGTH

+40 %
0 PROFILE
-40 %

Tx Location : CUTLER, .MAINE (NNA 24.0 kHz)

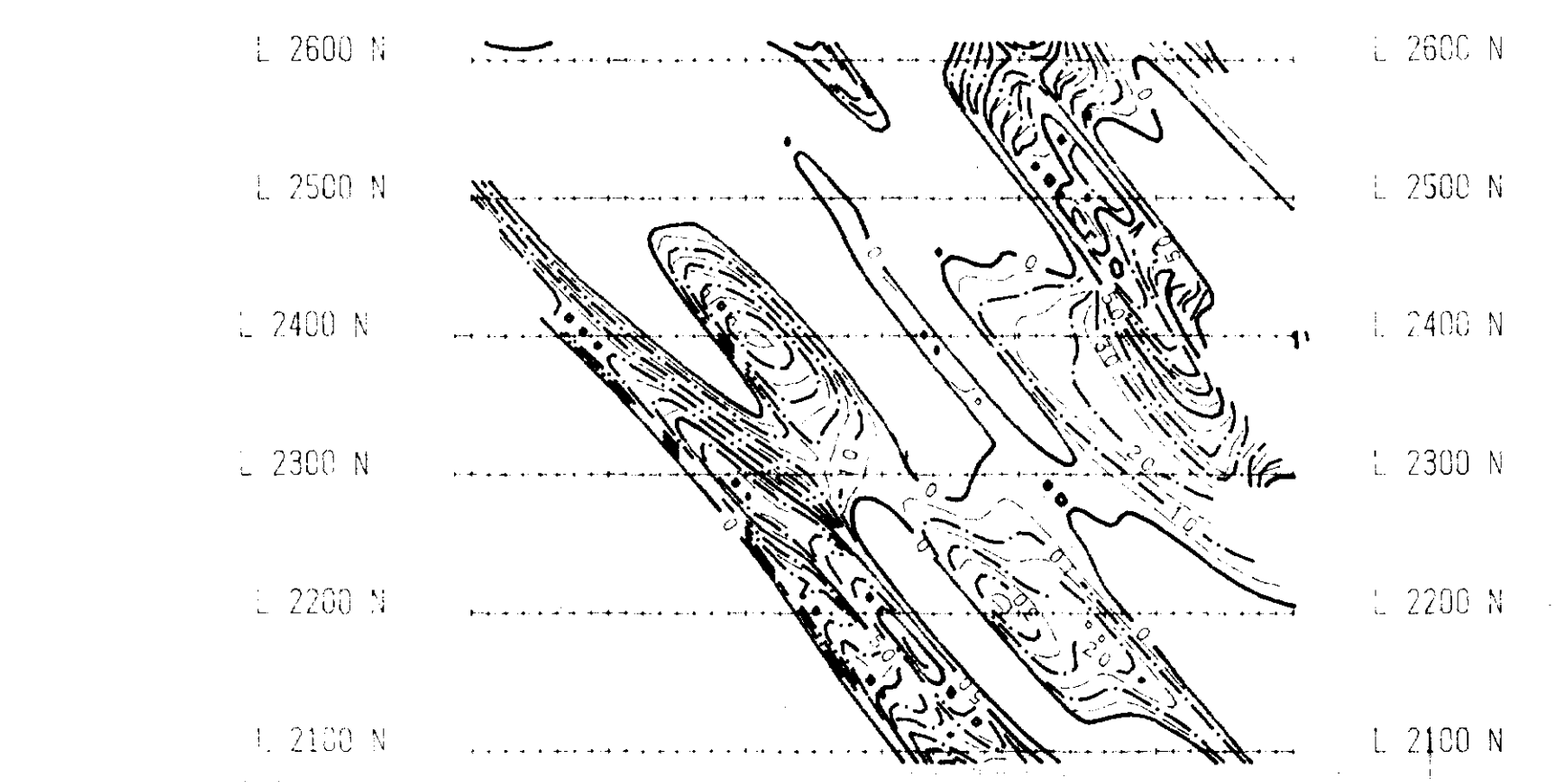
Instrument : EDA OMNI-PLUS

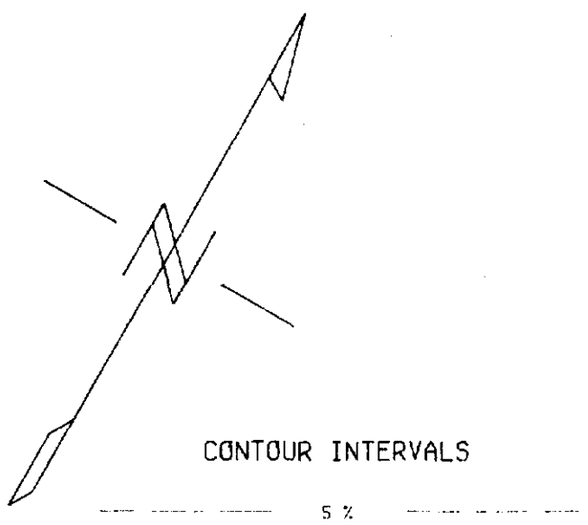
CHAMPION BEAR RESOURCES LTD.

HELDER LAKE PROPERTY
LENNAN LAKE (G 2522) & TREELINED LAKE (G 2651)
KENORA MINING DIV., ONTARIO
GRID: HELDER - W (CROSS GRID)

VLF-EM PROFILE MAP (MAP #4)
2.13056

SURVEY INSTRUMENT: EDA OMNI-PLUS
SURVEY DATE: JANUARY 1989
DATA PROCESSING AND PLOTTING BY:
INDEPENDENT EXPLORATION SERVICES LTD.
WINNIPEG, MANITOBA





CONTOUR INTERVALS

5 %

10 %

100 %

SCALE 1 : 5 000

100 0 100 (metres) 200 300 400

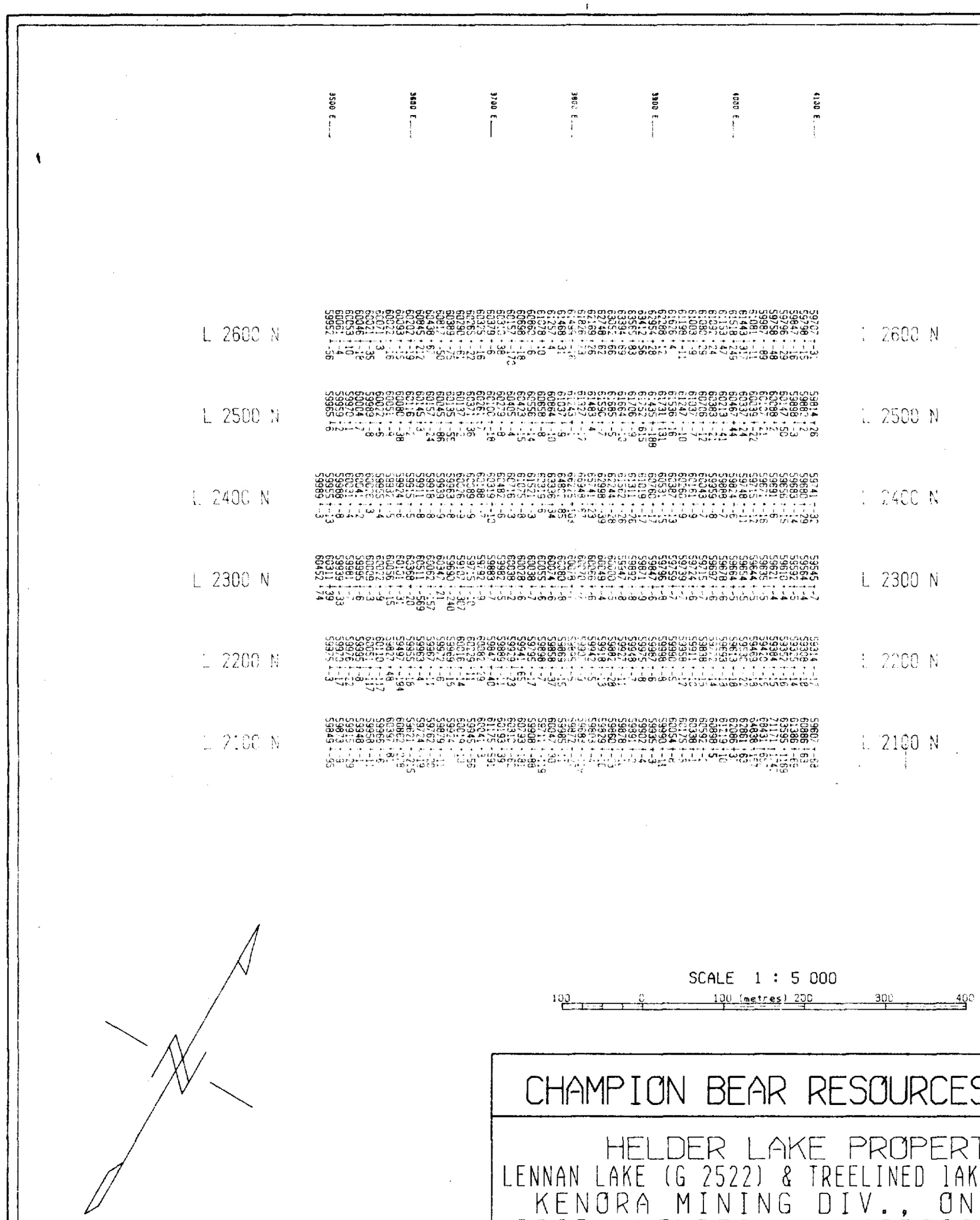
CHAMPION BEAR RESOURCES LTD.

HELDER LAKE PROPERTY
LENNAN LAKE (G 2522) & TREELINED LAKE (G 2651)
KENORA MINING DIV., ONTARIO
GRID: HELDER - W (CROSS GRID)

VLF-EM CONTOUR MAP (MAP #5)
(FRASER FILTERED IN-PHASE)

2.13056

SURVEY INSTRUMENT: EDA OMNI-PLUS
SURVEY DATE: JANUARY 1989
DATA PROCESSING AND PLOTTING BY:
INDEPENDENT EXPLORATION SERVICES LTD.
WINNIPEG, MANITOBA



SCALE 1 : 5 000

100 0 100 (metres) 200 300 400

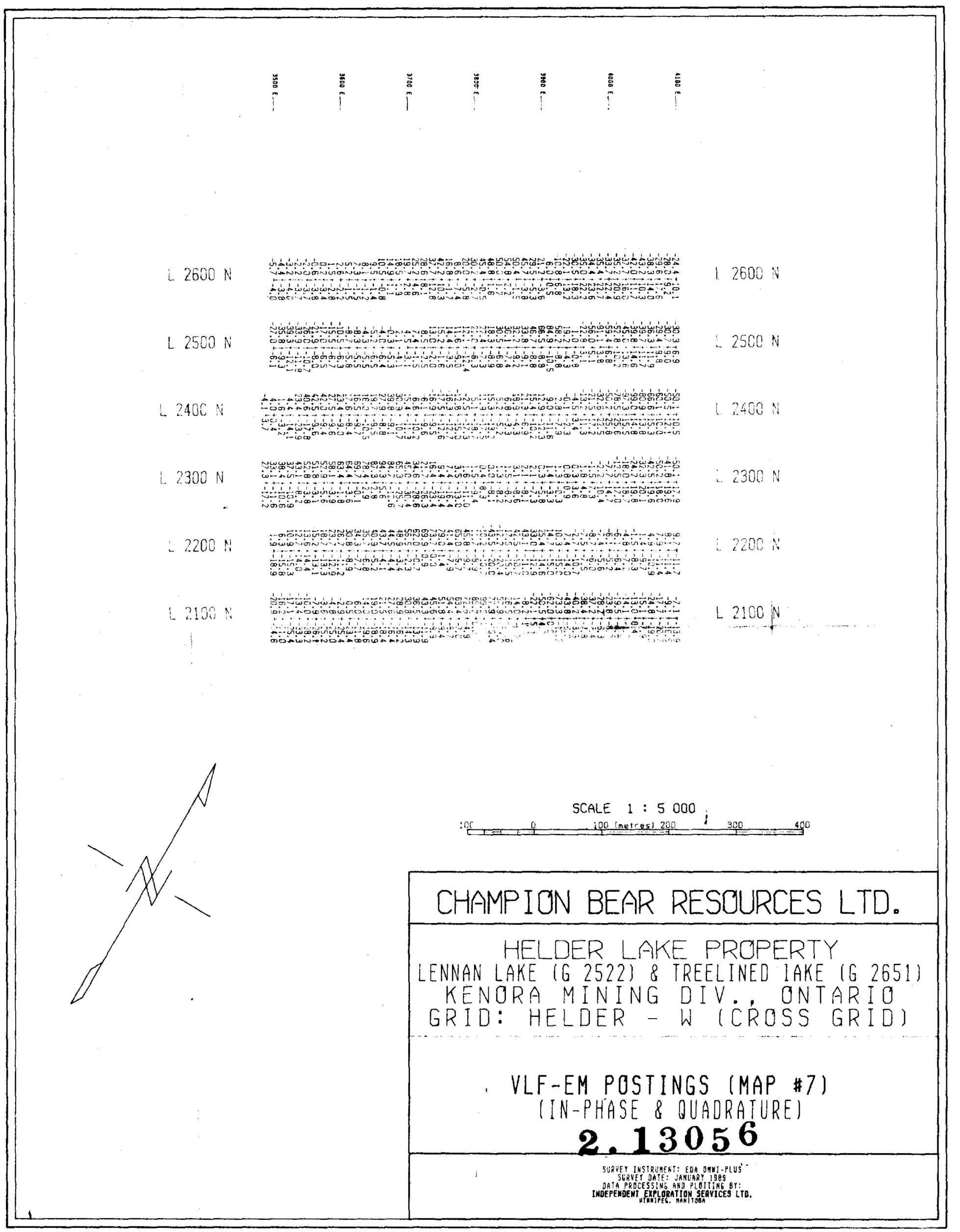
CHAMPION BEAR RESOURCES LTD.

HELDER LAKE PROPERTY
LENNAN LAKE (G 2522) & TREELINED LAKE (G 2651)
KENORA MINING DIV., ONTARIO
GRID: HELDER - W (CROSS GRID)

MAGNETIC POSTINGS (MAP #6)
(BASE STATION CORRECTED)

2.13056

SURVEY INSTRUMENT: EDA OMNI-PLUS WITH BASE STATION
SURVEY DATE: JANUARY 1989
DATA PROCESSING AND PLOTTING BY:
INDEPENDENT EXPLORATION SERVICES LTD.
WINNIPEG, MANITOBA



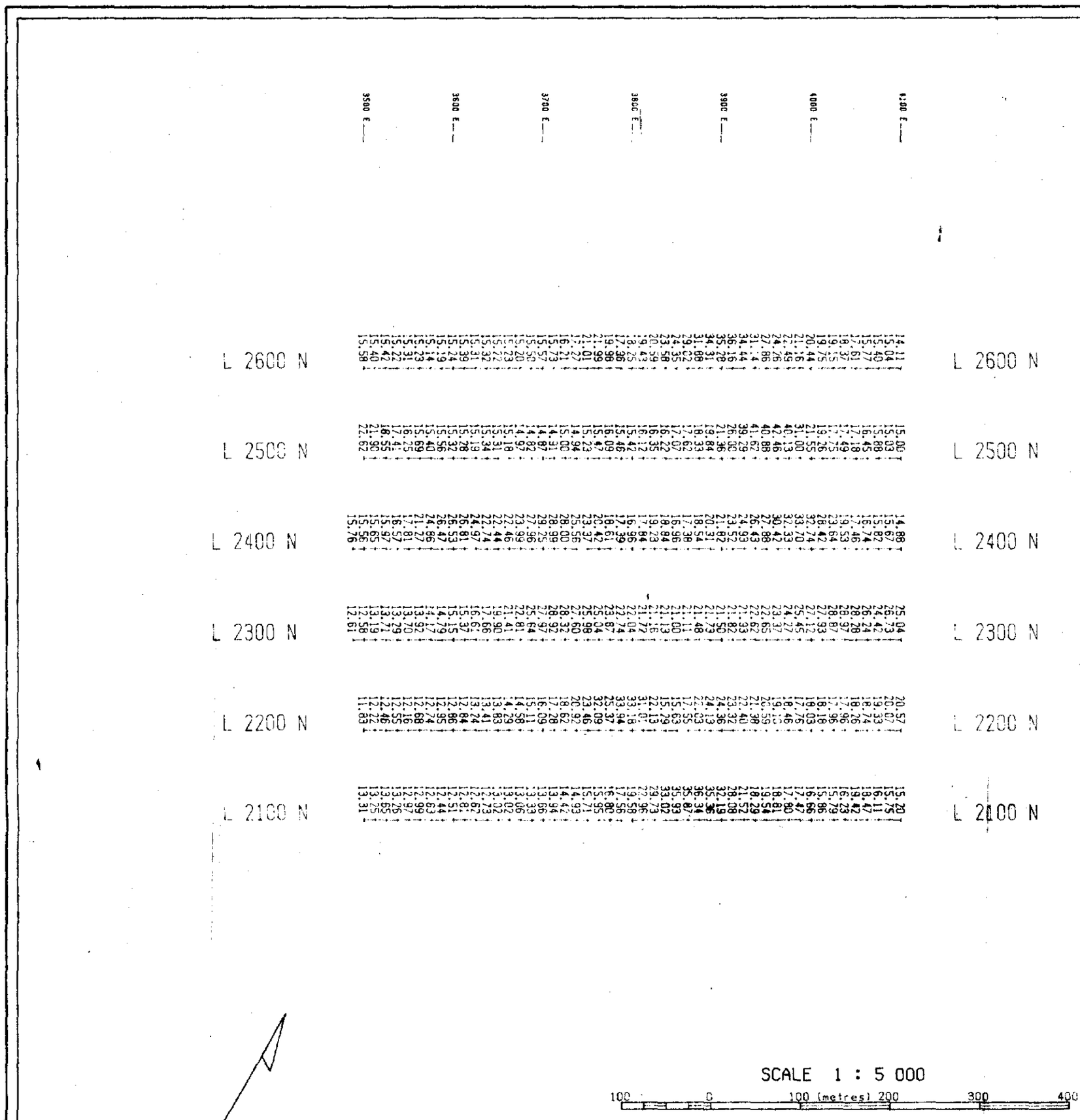
CHAMPION BEAR RESOURCES LTD.

HELDER LAKE PROPERTY
LENNAN LAKE (G 2522) & TREELINED LAKE (G 2651)
KENORA MINING DIV., ONTARIO
GRID: HELDER - W (CROSS GRID)

VLF-EM POSTINGS (MAP #7)
(IN-PHASE & QUADRATURE)

2.13056

SURVEY INSTRUMENT: EDA OMNI-PLUS
SURVEY DATE: JANUARY 1989
DATA PROCESSING AND PLOTTING BY:
INDEPENDENT EXPLORATION SERVICES LTD.
WINNIPEG, MANITOBA



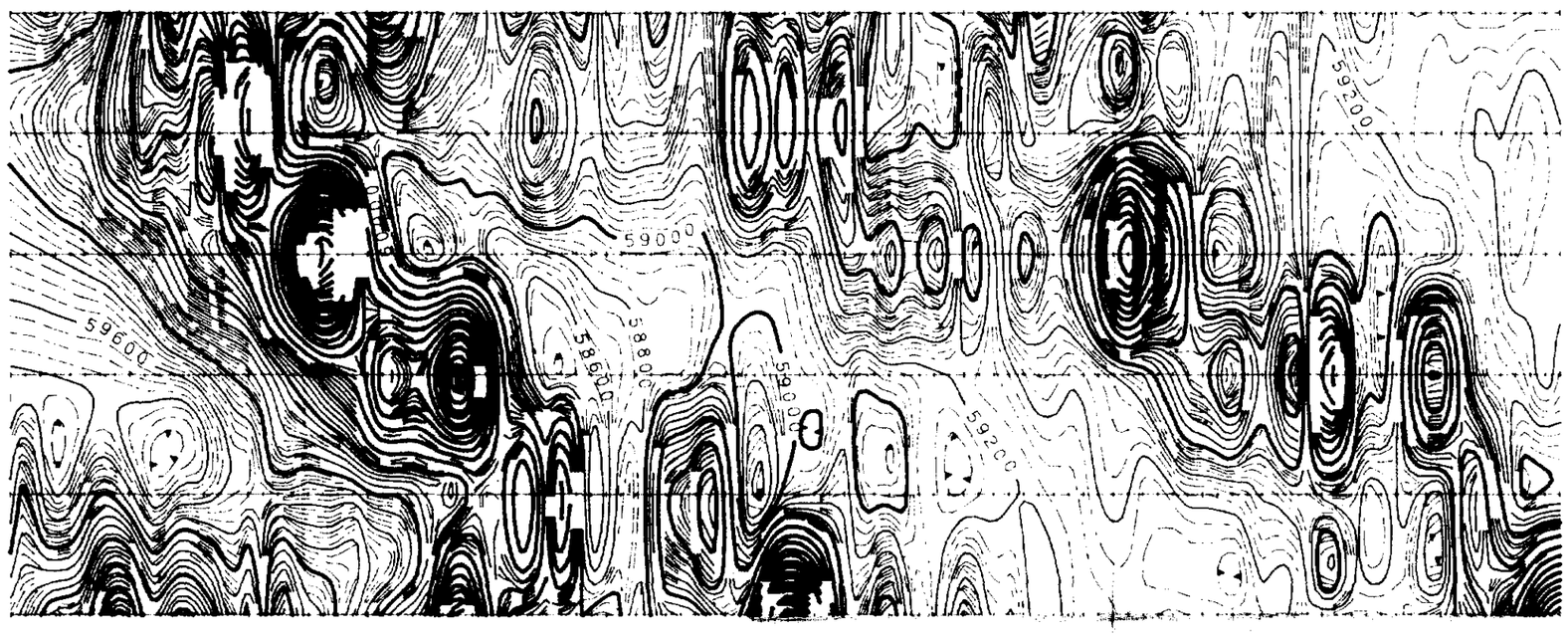
CHAMPION BEAR RESOURCES LTD.

HELDER LAKE PROPERTY
LENNAN LAKE (G 2522) & TREELINED LAKE (G 2651)
KENORA MINING DIV., ONTARIO
GRID: HELDER - W (CROSS GRID)

VLF-EM POSTINGS (MAP #8)
(TOTAL FIELD STRENGTH)

2.13056

SURVEY INSTRUMENT: APEX MAX-PLUS
SURVEY DATE: JANUARY 1989
DATA PROCESSING AND PLOTTING BY:
INDEPENDENT EXPLORATION SERVICES LTD.
WINNIPEG, MANITOBA



CONTOUR INTERVALS

50 nT

200 nT

1000 nT

SCALE 1 : 5 000

100 0 100 (metres) 200 300 400

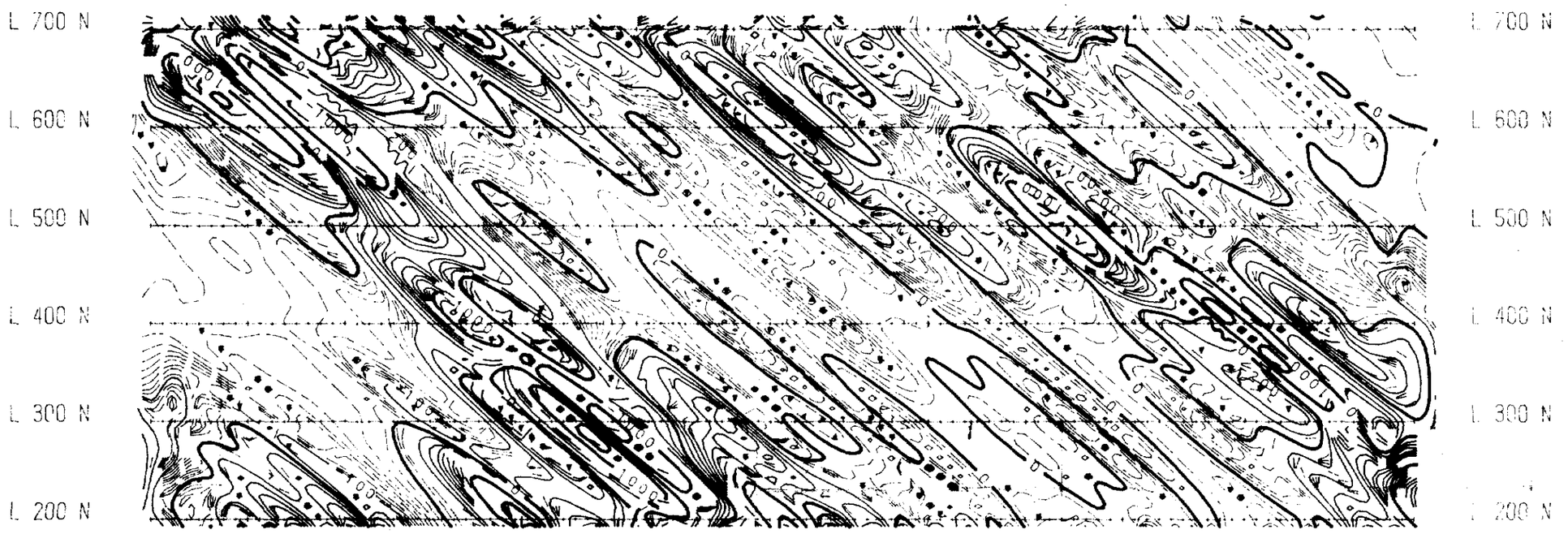
CHAMPION BEAR RESOURCES LTD.

HELDER LAKE PROPERTY
LENNAN LAKE AREA - G 2522
KENORA MINING DIV., ONTARIO
GRID: HELDER - E (CROSS GRID)

TOTAL FIELD MAGNETIC CONTOUR MAP (MAP #2)
(BASE STATION CORRECTED)

2.13056

SURVEY INSTRUMENT: EDA OMNI-PLUS WITH BASE STATION
SURVEY DATE: JANUARY 1989
DATA PROCESSING AND PLOTTING BY:
INDEPENDENT EXPLORATION SERVICES LTD.
WINNIPEG, MANITOBA



CONTOUR INTERVALS

10 nT/m

100 nT/m

1000 nT/m

SCALE 1 : 5 000

100 0 100 (metres) 200 300 400

CHAMPION BEAR RESOURCES LTD.

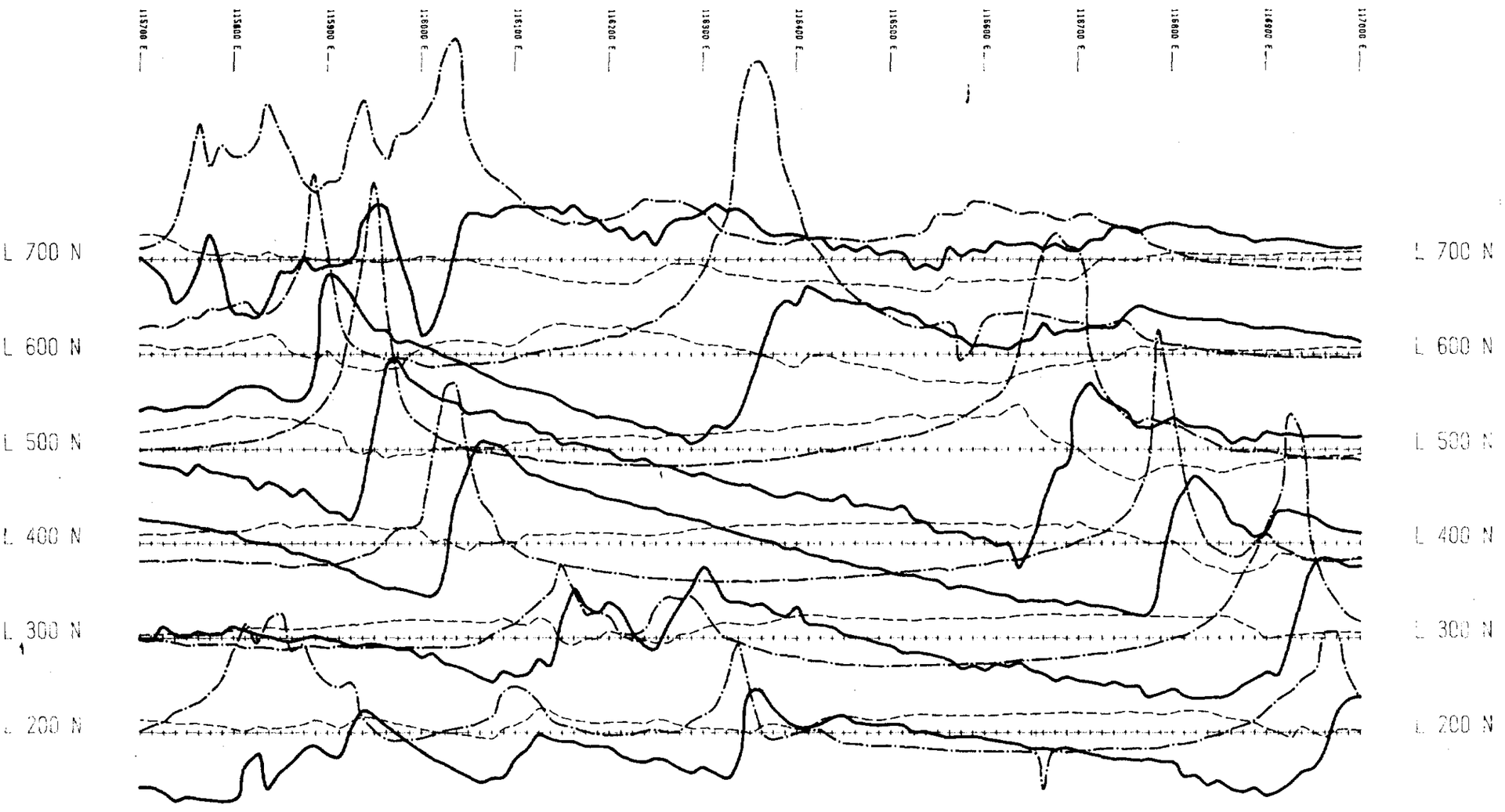
HELDER LAKE PROPERTY
LENNAN LAKE AREA - G 2522
KENORA MINING DIV., ONTARIO
GRID: HELDER - E (CROSS GRID)

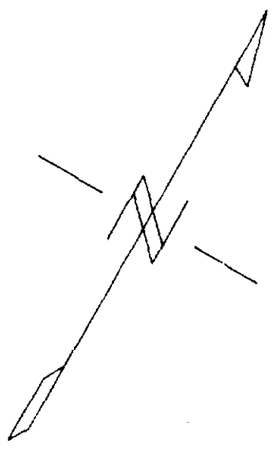
VERTICAL GRADIENT MAGNETIC CONTOUR MAP (MAP #3)

2.13056

SURVEY INSTRUMENT: EDA OMNI-PLUS
SURVEY DATE: JANUARY 1989
DATA PROCESSING AND PLOTTING BY:
INDEPENDENT EXPLORATION SERVICES LTD.
WINNIPEG, MANITOBA

52L08SE0001 2.13056 LENNAN LAKE





VLF - EM.PROFILES

IN PHASE
QUADRATURE
TOT.FIELD STRENGTH

+40 %
0 PROFILE
-40 %

Tx Location : CUTLER, MAINE (NNA 24.0 kHz)

Instrument : EDA OMNI-PLUS

SCALE 1 : 5 000

100 0 100 (metres) 200 300 400

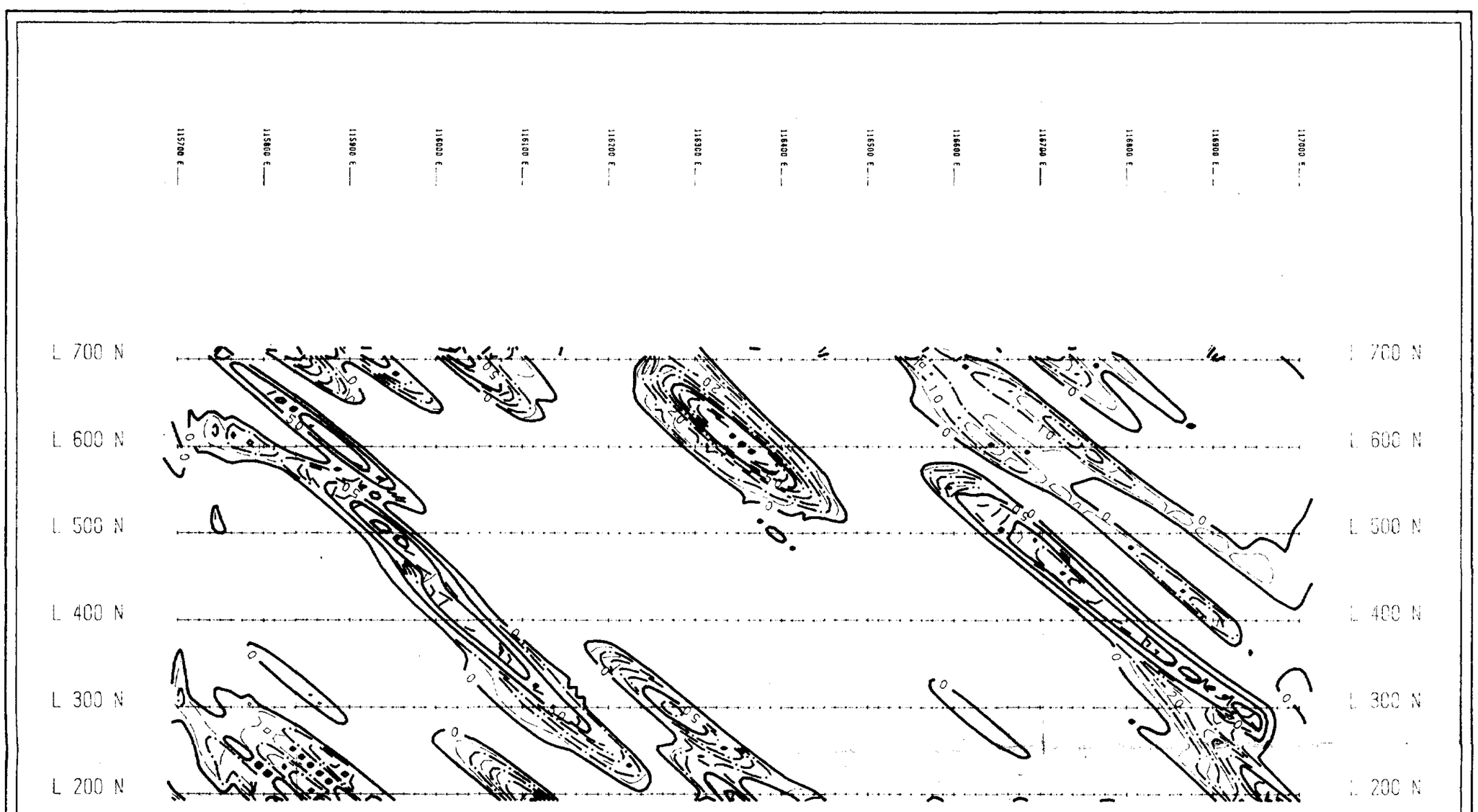
CHAMPION BEAR RESOURCES LTD.

HELDER LAKE PROPERTY
LENNAN LAKE AREA - G 2522
KENORA MINING DIV., ONTARIO
GRID: HELDER - E (CROSS GRID)

VLF-EM PROFILE MAP (MAP #4)

2.13056

SURVEY INSTRUMENT: EDA OMNI P 22
SURVEY DATE: JANUARY 1989
DATA PROCESSING AND PLOTTING BY:
INDEPENDENT EXPLORATION SERVICES LTD.
WINNIPEG, MANITOBA



CONTOUR INTERVALS

5 %

10 %

100 %

SCALE 1 : 5 000

100 0 100 (metres) 200 300 400

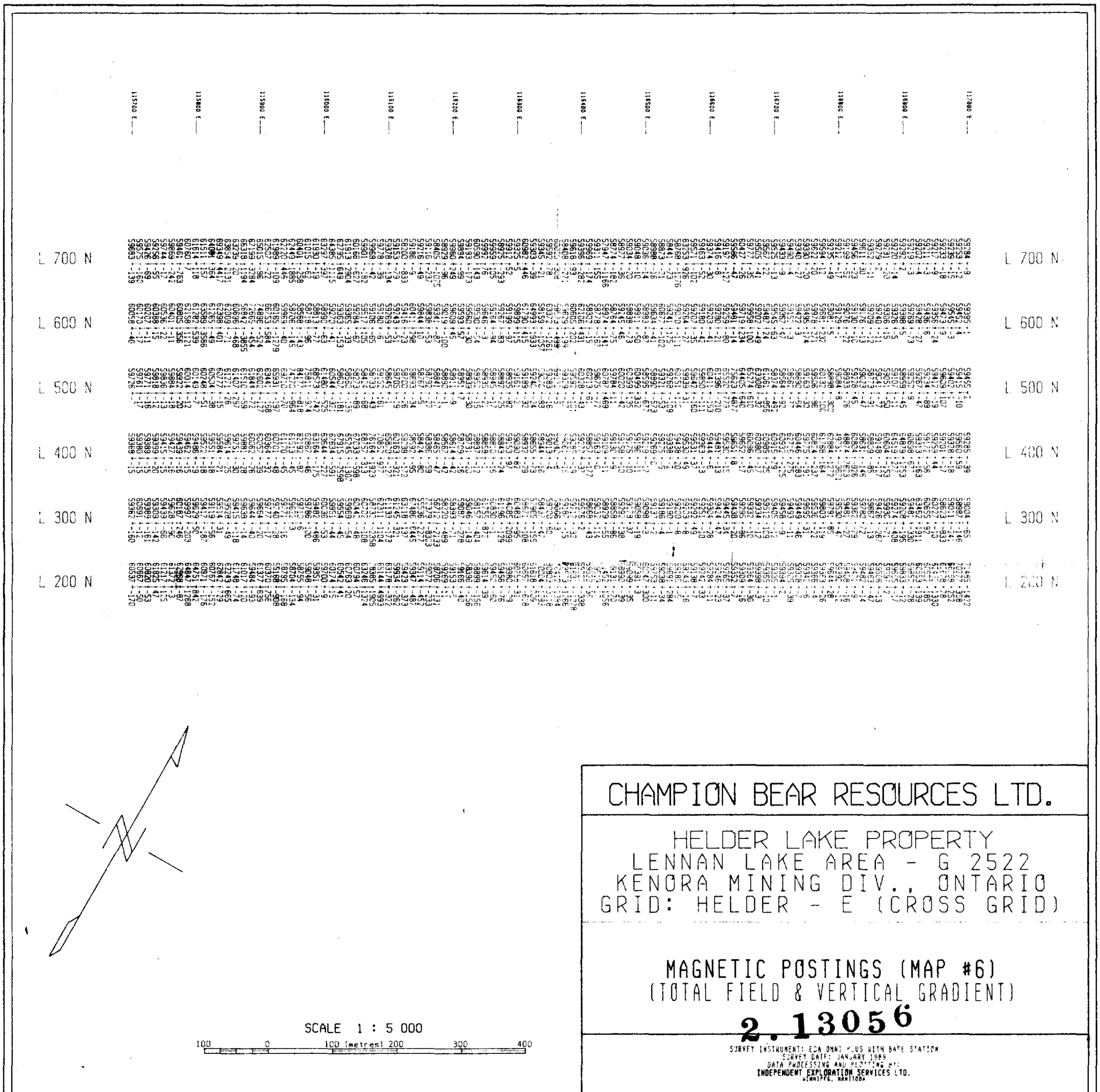
CHAMPION BEAR RESOURCES LTD.

HELDER LAKE PROPERTY
LENNAN LAKE AREA - G 2522
KENORA MINING DIV., ONTARIO
GRID: HELDER - E (CROSS GRID)

VLF-EM CONTOUR MAP (MAP #5)
(FRASER FILTERED IN-PHASE)

2.13056

SURVEY INSTRUMENT: EDA OMNI-PLUS
SURVEY DATE: JANUARY 1989
DATA PROCESSING AND PLOTTING BY:
INDEPENDENT EXPLORATION SERVICES LTD.
WINNIPEG, MANITOBA



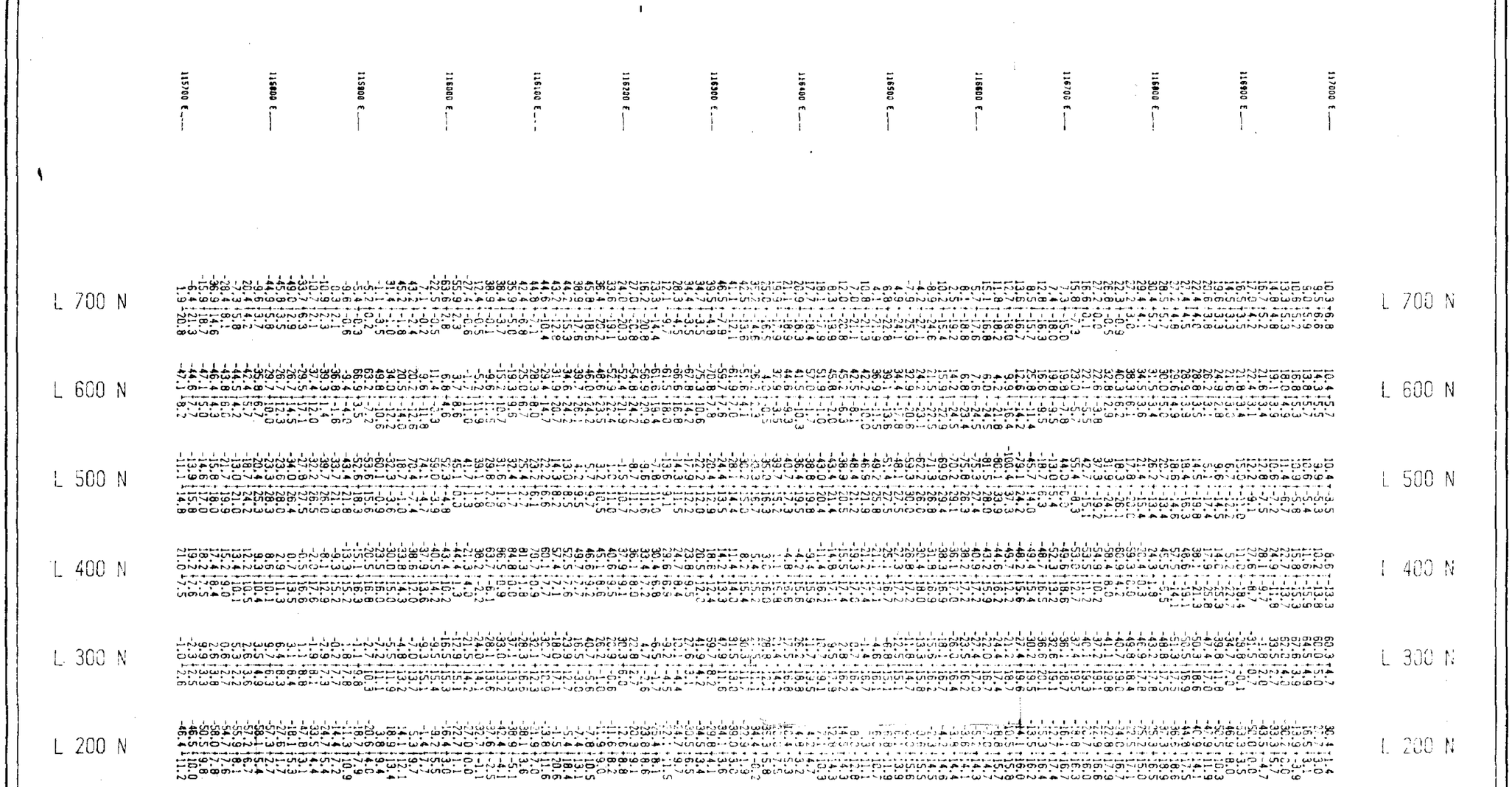
CHAMPION BEAR RESOURCES LTD.

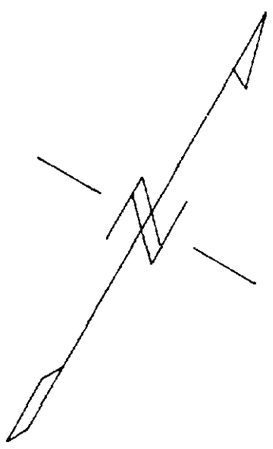
HELDER LAKE PROPERTY
LENNAN LAKE AREA - G 2522
KENORA MINING DIV., ONTARIO
GRID: HELDER - E (CROSS GRID)

MAGNETIC POSTINGS (MAP #6)
(TOTAL FIELD & VERTICAL GRADIENT)

2.13056

SURVEY INSTRUMENT: EDA OMNI PLUS WITH BASE STATION
SURVEY DATE: JANUARY 1989
DATA PROCESSING AND PLOTTING BY:
INDEPENDENT EXPLORATION SERVICES LTD.
WINNIPEG, MANITOBA





SCALE 1 : 5 000

100 0 100 (metres) 200 300 400

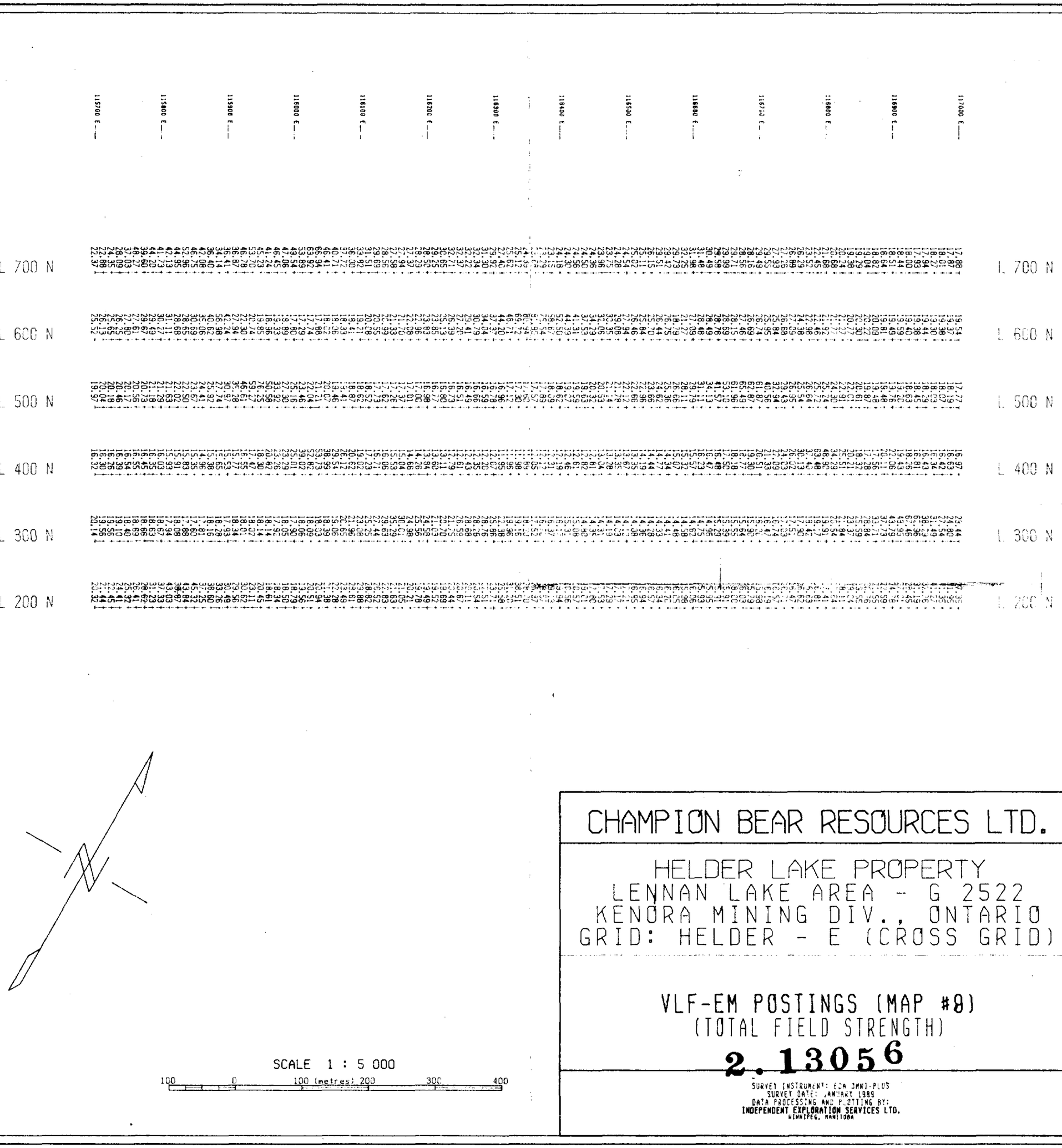
CHAMPION BEAR RESOURCES LTD.

HELDER LAKE PROPERTY
LENNAN LAKE AREA - G 2522
KENORA MINING DIV., ONTARIO
GRID: HELDER - E (CROSS GRID)

VLF-EM POSTINGS (MAP #7)
(IN-PHASE & QUADRATURE)

2.13056

SURVEY INSTRUMENT: EDA OMNI-PLUS
SURVEY DATE: JANUARY 1989
DATA PROCESSING AND PLOTTING BY
INDEPENDENT EXPLORATION SERVICES LTD.
WINNIPEG, MANITOBA



SCALE 1 : 5 000

100 0 100 (metres) 200 300 400

CHAMPION BEAR RESOURCES LTD.

HELDER LAKE PROPERTY
LENNAN LAKE AREA - G 2522
KENORA MINING DIV., ONTARIO
GRID: HELDER - E (CROSS GRID)

VLF-EM POSTINGS (MAP #8)
(TOTAL FIELD STRENGTH)

2.13056

SURVEY INSTRUMENT: EDA OMNI-PLUS
SURVEY DATE: JANUARY 1989
DATA PROCESSING AND PLOTTING BY:
INDEPENDENT EXPLORATION SERVICES LTD.
WINNIPEG, MANITOBA

2.13064

CHAMPION BEAR RESOURCES LTD.

HELDER LAKE PROPERTY

LENNAN (G-2522) & TREELINED (G-2651) AREAS

KENORA MINING DIVISION - ONTARIO

NTS: 52.L/8

GEOLOGICAL MAP

SHEET 1 OF 5

Geology By: Paul Barc & Todd Armstrong
Independent Exploration Services Ltd.

June - September, 1988

LEGEND

1 - MAFIC METAVOLCANICS (AMPHIBOLITE, AMPHIBOLITE PLUS GRANITIC DIKES, HBL-PLAG SCHIST, RARE PILLOWED LAVAS).

2 - GRANITE, GRANITIC RELATED ROCKS (GRANODIORITE, QUARTZ MONZONITE, GRANITIC GNEISSES, TWO TYPE (LIT-PAR-LIT) GNEISSES).

3 - IRON FORMATION (CHERT+MTE, GENERALLY WELL (TECTONIC) BANDED).

SYMBOLS

- OUTCROP BOUNDARIES
- GEOLOGIC BOUNDARIES, KNOWN, INFERRED
- FOLIATION, DIP UNKNOWN, DIRECTION KNOWN, DIP KNOWN, VERTICAL
- GNEISSOCITY, DIP UNKNOWN, DIRECTION KNOWN, DIP KNOWN, VERTICAL
- CLAIM POST LOCATED, CLAIM BOUNDARIES
- SWAMP
- CREEK

PY, ASPY - MINERAL OCCURRENCE

L78E/A - SAMPLE LOCATION

SCALE 1:2500

52L08SE0001 2.13056 LENNAN LAKE

680

2 of 5

52L08SE0001 2.13056 LENNAN LAKE

690

LEGEND

1 - MAFIC METAVOLCANICS (AMPHIBOLITE, AMPHIBOLITE PLUS GRANITIC DIKES, HBL-PLAG SCHIST, RARE PILLOWED LAVAS).

2 - GRANITE, GRANITIC RELATED ROCKS (GRANODIORITE, QUARTZ MONZONITE, GRANITIC GNEISSES, TWO TYPE (LIT-PAR-LIT) GNEISSES).

3 - IRON FORMATION (CHERT+MTE, GENERALLY WELL (TECTONIC) BANDED).

SYMBOLS

- OUTCROP BOUNDARIES
- GEOLOGIC BOUNDARIES, KNOWN, INFERRED
- FOLIATION, DIP UNKNOWN, DIRECTION KNOWN, DIP KNOWN, VERTICAL
- GNEISSOCITY, DIP UNKNOWN, DIRECTION KNOWN, DIP KNOWN, VERTICAL
- CLAIM POST LOCATED, CLAIM BOUNDARIES
- SWAMP
- CREEK

PY, ASPY - MINERAL OCCURRENCE

L70E/A - SAMPLE LOCATION

SCALE 1:2500

2.13056

CHAMPION BEAR RESOURCES LTD.

HELDER LAKE PROPERTY

LENNAN (G-2522) & TREELINED (G-2651) ARÉAS

KENORA MINING DIVISION - ONTARIO

NTS: 52 L/8

GEOLOGICAL MAP

SHEET 5 OF 5

Geology By: Paul Barc & Todd Armstrong
Independent Exploration Services Ltd.

June - September, 1988