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REPORT
ON
BECKETT-SALO
PROPERTY

MINING CLAIMS
L1185526 TO L1185531
&
L1152304 TO L1152305

McGARRY TP.

BY

B.T. BECKETT

MAY 92

LIST OF MAPS

INTRODUCTION:

An exploration program was conducted on a seven (7) claim group, located in the township of McGarry, district of Timiskaming and within the Larder Lake Mining Division. The Exploration work carried out included prospecting, line cutting, (2) VLF-EM surveys, a magnetometer survey and a geological survey. The bulk of the work was carried out between September and December of 1991. The magnetometer survey was conducted during April, 1992.

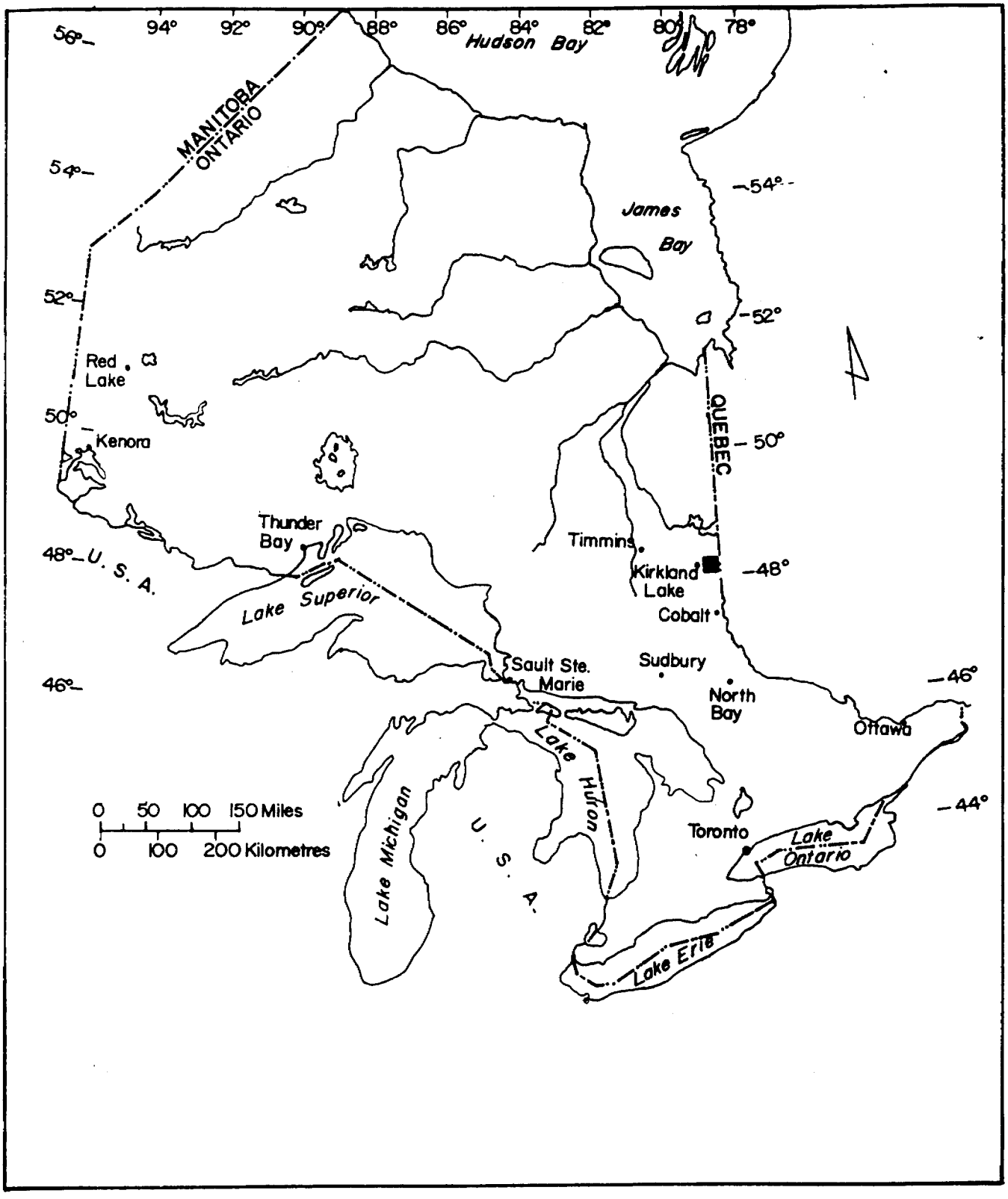
LOCATION & ACCESS:

The seven claim group is located in McGarry Township, approximately 1 mile northwest of Virginiatown. The western boundary lies on the McVittie-McGarry township line. Bear Lake and Bear Creek outline the southern claim boundary and Beaver Lake and the O.N.R. railway define portions of the north claim boundary.

Best access to the claim group is achieved by bush road. This road known as the Cheminis Lumber road, begins at the end of 26th Street in Virginiatown and eventually divides at the north side of Bear Creek. The road is suitable for truck travel in summer, unfortunately a poor bridge halfway limits access to lighter travel. Winter access along here could be achieved by snowmachine. Bear Lake provides suitable access by water or ice. Once on the claim group, access is excellent. The Cheminis Lumber road branches off to the west where it eventually meets the power line. It branches off to the north where it provides access to northern claims. The power line runs east-west across the southern claim line, from the mouth of Bear Creek. This provides western access, and a trail branches north from the power line, to access northwestern claims. This trail eventually terminates at the O.N.R. line.

WORK PERFORMED:

Approximately eight miles of line was cut and picketed within the claim group. Lines where set 100 meters apart with stations every 25 meters, representing 604 stations, additional stations were used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78°
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54°
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50°
48°
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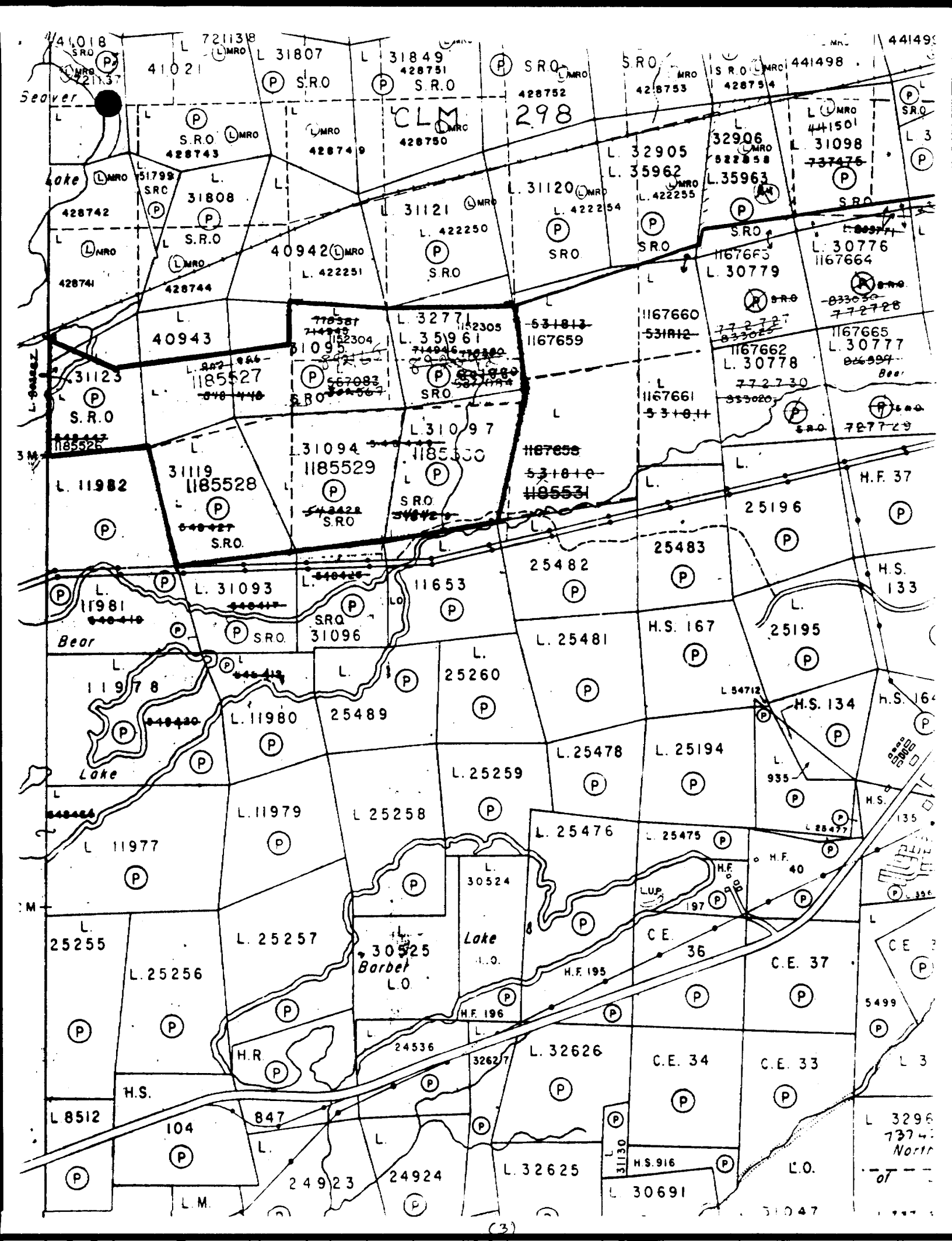
Hudson Bay
MANITOBA
ONTARIO
James Bay
QUEBEC
Red Lake
Kenora
Thunder Bay
U. S. A.
Lake Superior
Timmins
Kirkland Lake
Cobalt
Sudbury
Sault Ste. Marie
North Bay
Ottawa
Toronto
Lake Huron
Lake Michigan
U. S. A.
Lake Ontario
Lake Erie
0 50 100 150 Miles
0 100 200 Kilometres


41018
S.R.O
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41021
L 31807
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L 31849
428751
S.R.O
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298
428753
428754
441498
441499
Seaver
428743
428749
428750
CLM
Lake
428742
L 31808
L 31121
L. 422250
L 31120
L. 422254
L. 32905
L. 35962
L. 422255
32906
522858
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737476
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L. 422251
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L 32771
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531811
L 31123
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31119
L. 11982
L 31094
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25482
H.S.
133
L. 31093
11653
11981
31096
Beor
H.S. 167
25195
L. 25481
L.
25260
11978
L. 11980
25489
L 54712
H.S. 134
L. 25478
L. 25194
935
Lake
L. 25259
L. 11979
L 25258
L. 25476
L. 25475
H.F.
40
L 11977
30524
197
25255
L. 25257
30525
Borbet
L.O.
H.F. 195
C.E.
36
C.E. 37
L. 25256
H.F. 196
H.R.
24536
32627
L. 32626
C.E. 34
C.E. 33
5499
H.S.
L 8512
104
847
24923
24924
L. 32625
31130
H.S. 916
L.O.
L 30691
L.M.

between lines along tie lines. Prospecting was then performed over the ground, locating many of the old trenches. These trenches were then sampled and the rocks examined and stored. A geological survey was then conducted, using the grid for control. Two VLF-EM surveys were carried out, using the 21.4kHz & 24.0 kHz as signal stations. The data from this survey was then Frazer Filtered to further define conductors. A magnetometer survey was later carried out in April, 1992.

PREVIOUS WORK:

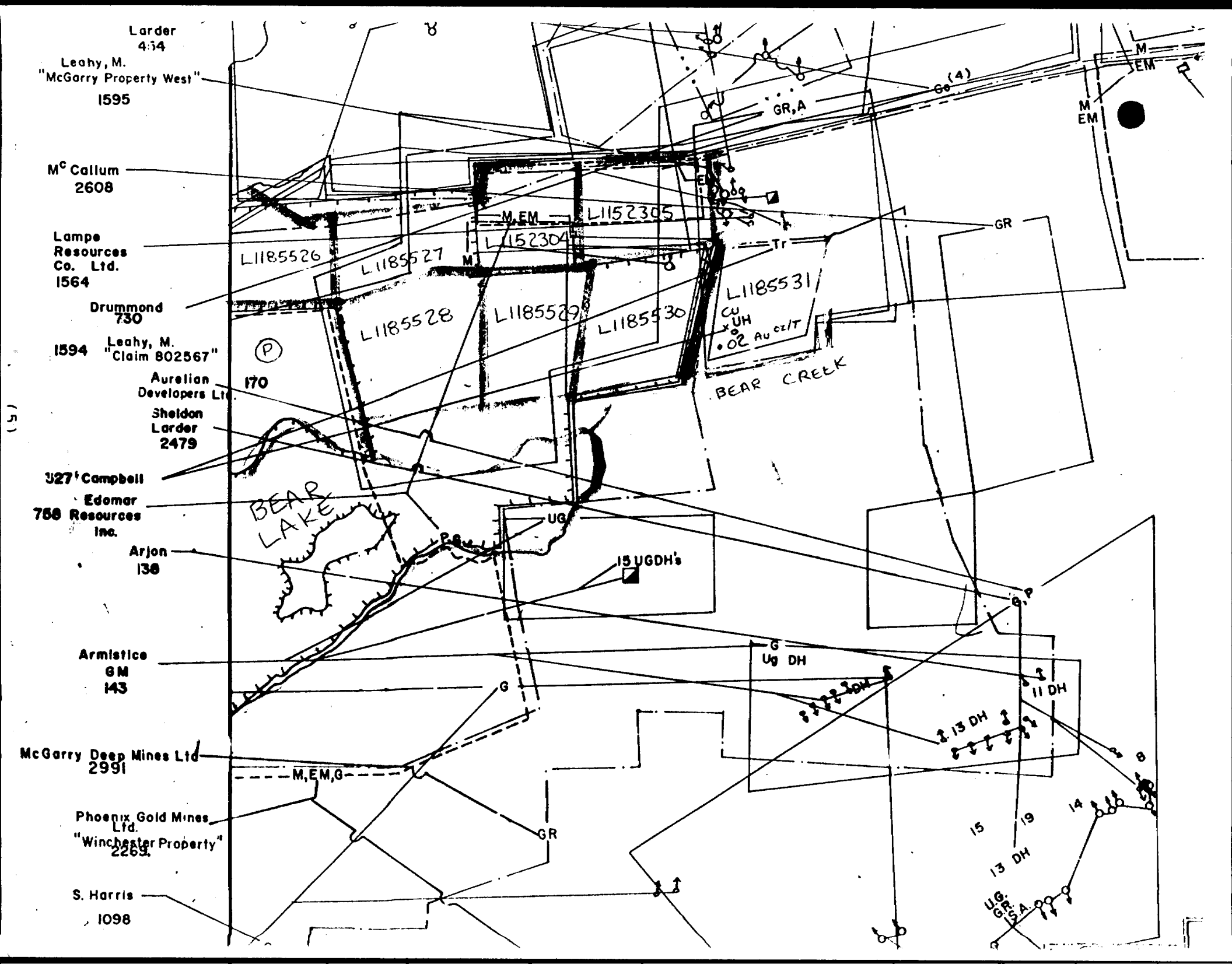
Historically the claim group was part of the Hayes Cadillac group and part of the Ivan Larder property. Very little information is available on past work by these companies on the claim group. However, remnants of past work was discovered. Many trenches were located, some almost entirely filled in, others still in good condition. Little information was found on the trenching. It does appear that the trenches are located on mineralized zones, zones of alteration or shearing or contacts betwween volcanics and sediments.

Two drill casings were spotted along the eastern claim line of L1185531. No information on the holes was found. Field observations show that these holes were drilled azmuthing north and dip approximately 45°.

Duncan Campbell drilled one hole in May of presumably 1967. The location of the hole is uncertain too, the drill log saying only that it was located 150 feet north of Bear Creek. The presumed location according to a poor map, was on claim L1185531 or L1185530. The diamond drill hole drilled through an alteration zone that did assay 0.02 Au oz/T and 0.14 Ag oz/T. Campbell may also be responsible for some of the trenching in the area of the drill hole as well.

EdomarResources did extensive work on portions of the claim group in 1985. A geological survey covered claims L1185526 to L1185530. Magnetometer and VLF-EM surveys were performed over what is now a portion of claim L1152304. Edomar also drilled one hole in 1985 on what is now claim L1185530. This hole intersected a sequence of intermediate tuffs and agglomerates. No mineralization was noted or any samples taken.

Mike Leahy performed a VLF-EM survey over portions of what is now


Larder
4514
Leahy, M.
"McGarry Property West"
1595
Mc Callum
2608
Lampe
Resources
Co. Ltd.
1564
Drummond
730
1594 Leahy, M.
"Claim 802567"
Aurelian
Developers Ltd.
170
Sheldon
Larder
2479
327 Campbell
Edomar
758 Resources
Inc.
Arjon
138
Armistice
GM
143
McGarry Deep Mines Ltd
2991
Phoenix Gold Mines
Ltd.
"Winchester Property"
2269
S. Harris
1098
L1185526
L1185527
L1185528
L1185529
L1185530
L1185531
L1152305
L1152304
M,EM
M
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GR
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Go (4)
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BEAR LAKE
BEAR CREEK
UG
15 UGDH's
G,P
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Ug DH
11 DH
13 DH
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.02 Au oz/T
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ISA

claims L1152304 & L1152305. An interesting conductive zone was outlined by the survey but no follow up work was every initiated. Leahy also suggests a north-south trending mag. anomoly on 'claims to the south' but no data was found to support the statement.

On the claim lying immediately northeast of claim L1185531, gold values as high as 1.30 oz./ton have been reported. Two old prospect shafts have been sunk on separate quartz veins, with drilling and trenching work also having been done. The north vein strikes south-east to claim L1185531. This may account for the trenching along the northeast corner of the claim.

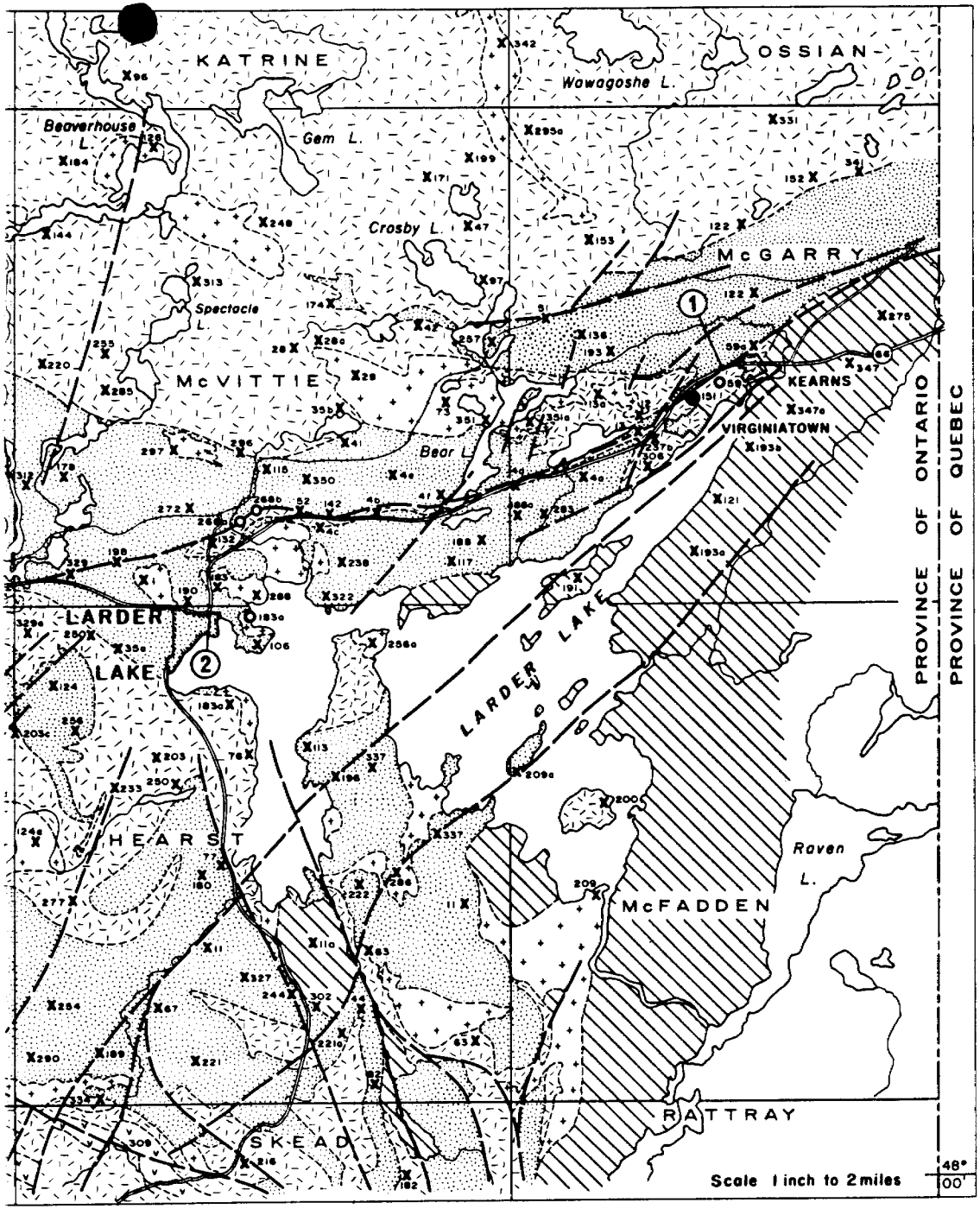
REGIONAL GEOLOGY: (after Thomson, 1941)

The Larder Lake area represented northeastern Ontario's first gold rush, with the discovery of gold in 1906. The subsequent development of the areas gold mines which include the Laguerre, the Kerr, the Omega, the Cheminis, the Chesterville and the Armistice, the continuing development and exploration of promising properties has occurred.

The areas rocks consist of Pre-Cambrian aged, volcanics, sediments and intrusives. Keewatin acid and basic volcanic flows are overlain by Timiskaming sediments, tuffs and acidic trachytes. Mixed sediments and volcanics of Timiskaming age lie unconformably over the Keewatin volcanics. Both series are cut by Algoman intrusives which consist of porphyrys, basic syenites and lamporphyres. Sediments of Cobalt series overlie the intrusives, volcanics and sedimentary rock groups unconformably.

All pre-Cobalt strata are folded to near vertical position and are overturned in places. In most cases, strata of the Timiskaming series face south across the entire belt, from Kenogami to Larder Lake.

The Larder Lake break marks the southern contact of the Timiskaming series throughout much of the area. The 'break' persists for approximately 150 miles into the Cadillac-Malartic fault system. The fault consists of sheared and altered zones up to several hundred feet



LEGEND

GENERALIZED GEOLOGY

- Cobalt sedimentary rocks.
- Acid intrusive rocks.
- Intermediate and basic intrusive rocks.
- Older sedimentary and volcanic rocks (Timiskaming series).
- Acid and basic volcanic rocks and undifferentiated diorites.
- I.F. Iron formation.

SYMBOLS

- 212 Producing Mine.
- 328 Post Producer.
- 220 Other Properties.
- (3) STOP, C.I.M. FIELD TRIP, 1967.

NOTES

Properties indicated by numbers on the map are named under the Property List of the ODM Mineral Resources Circular No. 3.

For detailed geology of townships see list of Geological Maps in circular.

SOURCE OF INFORMATION

Compiled by W. S. Savage, 1963, with revisions by H. L. Lovell, 1967.

NS AND GENERAL GEOLOGY

across in width and parallel shears occur. Talc chlorite schist marks the fault but a large portion of the zone has been subjected to siliceous carbonate replacement. The rocks adjacient to the fault are sheared, carbonatized, drag-folded and generally greatly altered.

The Spectacle Lake - Kerr Addison Anticline axis runs through Bear Lake in McGarry township, cutting the Keewatin volcanics which lie between the north and south synclinal bands of Timiskaming sediments. This fold pitches to the east and is cut by the intrusives of Bear Lake.

The most important gold deposits lie along a belt of Timiskaming volcanics in the vicinity of a strongly sheared and carbonatized zone, near the 'break'. Zones of shearing or faulting unrelated to the 'break', may yield gold mineralization, as in the case of the Thib and the Laguere properties.

Gold is the only metal of economic importance in the area. The types of gold deposits known to exist in the area include; fissure or composite quartz veins, quartz stockwork deposits in dolomite, quartz-sulphide deposits in tuffs or volcanics, sulphide bodies without much quartz, gold-bearing talc-chlorite schist and mineralized dikes.

DETAILED GEOLOGY:

Bedrock exposure across the eight claim group can be generally described as good. The accompanying geology map gives tree types where exposure is poor. Claims L1152304 & L1152305 had very poor exposure and for the most part the topography can be best described as spruce bog. This low lying area is likely related to the Ivan Larder fault system.

Pre-Cambrian aged bedrock that exist throughout the claim group represent rocks of the Timiskaming series. The rocks can be further divided into two catagories: acidic volcanics, represented by trachytes, agglomerates, rhyolites, tuffs, porphyry and combinations and permutions of these. The second catagory represents sediments of the Timiskaming series. These include, conglomerates, graywackes,

kose, siltstone), quartzites, clastic sediments which constitute fragmental sediments of uncertain origin and there were combinations and permutations of these. No other rock type was observed on the group.

The younger acidic volcanics exit on the eastern portion of the claim group. These rocks appear as felsic units which grade laterally into each other. Agglomerate grades to a trachytic agglomerate then into a tuff in a short distance. The tuff appears as a well, thin bedded unit, steeply dipping, usually north and striking between 58° to 90° azmuth. The tuff may appear altered or soft and brittle, due to the presence of chlorite. The tuff may also be siliceous and fine grained pyrite, sometimes euhedral in nature, may occur with it in this state. Quartz veinlets are sometimes seen running along and across the strike of the rock and epidote or pyroxeen crystals may be found with the tuff.

Agglomerate appears abundantly throughout the eastern portion of the group. It commonly associates itself with other rock units, resulting in a variety of colours it may appear as. Red, purple, grey, blue, green or yellow are some colours it was observed to appear as. Trachytic agglomerates contain rounded fragments of volcanic rock and may be confused with conglomerates, especially when they ajoin each other as on lines 11W & 12W, along the tie line.

Porphyritic textured rocks observed here may once have existed as agglomerate with trachytic or other felsic fragments incorporated in the rock. Porphyritic textured rocks containing albite phenocrysts in a fine-grained matrix occuring within alteration zones may be the result of shearing and secondary albite crystals may have developed. This may have occurred along line 11W near stn. 325 S or at 10W 100N.

Trachyte never appears by itself within the group and most commonly exits as trachytic agglomerate. This applies as a textural term of the agglomerate, describing the needle-like shards of feldspar within the groundmass, arranged in parallel fashion along flow lines. This can be observed along line 5W 50N or line 1W 300N. A trachytic tuff can be seen at line 8W 175N. The shards are similar to that of

the agglomerate, however the rock itself is homogeneous and bedded.

Rhyolite outcrops briefly at line 7W ,along the north claim line of L1152304. Unlike its other occurring felsics counterparts, it appears fresh and unaltered. It is grey in colour and contains a few phenocrysts of feldspar, (albite), in spots.

Sediments dominate the western portion of the claim group and include, in order of frequency of occurence, quartzite,conglomerate, clastic sediments and graywacke, (siltstone, arkose). These sediments may appear as themselves or combine together or mutate to something else.

Quartzites dominate the western section around Beaver Lake. They combine with conglomerate or clastic sediments often. They occur as both fine and course-grained, bedded or massive and in a multitude of colours. Typically, they appear fresh and contain little contaminants, but when altered, they become carbonated,pyritized or sericitic.

Conglomerates appear as well sorted, narrow pebbly banded sediments which may be interbedded with graywacke. The matrix is most dominated with quartz, but chert,jasper and other minute fragments may also be found in it. The conglomerate can be subdivided into a intraformational unit and a basal unit. The intraformational unit contains pebbles up to 4 inches in diameter and the pebbles consist of vein quartz, cherts, jaspers and the occasinal fushite fragment. The basal unit contains boulders up to 10 inches in diameter and may represent up to 80% of the rock. The boulders are poorly sorted and may consist of rhyolite, granite, syenite. This detrital unit may also contain fragments of quartz, chert or jasper within the matrix. The matrix is composed of a mafic graywacke. The basal unit occurs along the tie line, near lines 11W, 12W and 13W, close to the contact with the volcanics. The intraformational conglomerate occurs along the shoreline of Beaver Lake.

Graywacke appearing as siltstone or arkose, occur in conjunction with the intraformational conglomerates, representing the sediment between well-sorted beds of pebbles. These units range in thickness from a few inches to a few feet and are light-coloured, soft and barren of foreign material.

Clastic sediments include rocks that contain fragments of other rocks within themselves. These rocks are altered, by seriticization or silicification or they may appear so unconsolidated they crumble when disturbed. These rocks are likely a product of structural activity.

STRUCTURAL GEOLOGY:

A north-south fault runs north from Bear Creek, cutting the beaver pond on claim L1185530. Tuffs outcropping along the south shore at the beaver dam appear chloritic and carbonated, well bedded, vertically dipping and generally broken up. Quartz carbonate veining is dominant along strike, and is unmineralized.

A second cross-fault emerges from Bear Lake and is shown on O.D.M. geology map 50a, (Thomson, J.E.). It shows displacement of sediments to the north along the west side of the fault. Alteration occurring along line 10 W, south half concurs this. Faulting continues along a similar plane south of Bear Lake to highway 66. This may be related to the Spectacle Lake - Kerr Addison anticline, that has a fold axis running through Bear Lake.

Strike faulting occurs south of Beaver Lake and continues along the contact between sediments and felsic volcanics. Thomson describes this as the Ivan Larder fault and is shown on O.D.M. geology map 50a. Evidence of its existance appear as sheared, altered or carbonated zones. VLF-EM results also confirm its existance. Truncated sediments appear within the area of the fault as well.

Shearing along the contact between felsic volcanics and sediments was observed, mostly in the sediments, since they are the less competent rock. Quartz veining near these zones are more common in felsic volcanics, which have failed under tension and a network of veins has formed.

MINERALIZATION:

A copper occurence was found on line 1W stn.100N. Malachite and bornite occur in blotches or seams, parallel to strike, in quartz

veins. There is actually two occurences, one on the west side of line 1W, the other twenty-five feet to the east side of the line. The first occurence to the west is trenched and the quartz vein dips vertically, strikes 176° azmuth and is a maximum 10 inches wide. Most of the mineralization occurs along the contact with the wall rock and takes the form of malachite though blotches of bornite can be found. The wall rock is an agglomerate and can be found interspersed with the veining. The vein disappears at both ends into overburden.

The second occurence on the east side of the line also occurs in a quartz vein. The vein strikes 160° azmuth, dips vertically and is a maximum 4 inches in width. The mineralization is higher grade, likely near 3%-4% and constitutes mainly bornite, which exists as blotches and seems parallel to strike within the veining. The wall rock is agglomerate. There may be a trace of sphalerite within the bornite selvages. The vein disappears to the north in overburden, but to the south, disappears and reappears, setting up a circular pattern, ending with the vein striking east, unmineralized, exposed by trenching. The relationship between the two copper occurences is uncertain.

A reported gold showing by D. Campbell, presumably in 1967 show assays of 0.02 oz/T gold and 0.14 oz/T silver, in an alteration zone. The exact location is uncertain, only that it is 150 feet north of Bear Creek, likely north of claim post 3 of L1185531. The showing occurs in trenching, a more intense search within the area will have to be made to locate it.

Specularite was found at line 4W stn.350N, occurring in quartz veinlets zig-zagging through an agglomerate.

MAGNETOMETER SURVEY:

A magnetometer survey was conducted across the entire grid using a Geonics G-816 proton precession magnetometer. Readings were taken every 25 meters, across the entire grid.

The proton precession magnetometer measures the magnetic field of the earth, as influenced by the different magnetic properties of rock formations. The three main factors that determine the measured magnetic vector sum of the manetic field are , the strength of the earth's magnetic field, the magnetic strength of the rocks present and the rocks remanent magnetism.

The earth's primary magnetic field is constant, (for exploration purposes), except when external magnetic influences, such as magnetic storms, cause unpredictable and extreme fluxuations in magnetic measurements.

The distribution of magnetic minerals within rocks will influence their magnetic response. Since these minerals vary with different rock types, the magnetic survey can be a useful tool in geological mapping. In gold exploration, the magnetic survey is of paticular importance because of its ability to identify areas of silicification, carbonatization and areas of structural complexities.

MAGNETOMETER INTERPRETATIONS:

The main determination interpreted from the magnetometer survey conducted over the grid, was a distinction between sediment responses and the responses by felsic volcanics. Although the diferences may be subtle, with the aid of the geological survey, a contact zone can be defined.

The sediment responses are higher due to the magnetic mineral content of the rock unit. Minor spot highs may be the result of a greater accumulation of magnetic minerals within the unit. The felsic unit shows a lower magnetic reading, as a result of a lesser amount of magnetic minerals within. Spot lows appear within the felsic unit, suggesting that the units magnetic response may be masked by overburden.

The complexity of the magnetic readings suggests that the responses may be the result of distinct spot readings rather than a contiguous

gnetic unit response that would be parallelling the strike of the rocks. The magnetic responses may be the result of structural influences upon the rocks, inhancing their responses. Such influences would promote the mobility of minerals and the congregation of common minerals resulting in the high-low magnetic responses seen in the survey.

VLF-EM SURVEY:

A VLF-EM survey was conducted across the entire claim group, in early December. Ice was sufficient over Beaver Lake and the beaver pond to be included inthe survey. The main purpose of the survey was to locate north-south and east-west conductors. Therefore Annapolis MA. station and the Cutler, MN. station was selected, broadcasting on the 21.4 KHz and the 24.0 KHz. frequencies. Both in-phase and quadrature responses were measured and the instrument used was a Geonics VLF-EM model EM-16, serial number 13665, (see instrument specifications in appendix).

The VLF-EM 16 unit is a sensitive receiver covering the frequency band of VLF transmitting stations with means of measuring the vertical field components. The VLF transmitting stations emit a vertical current signal, creating a concentric horizontal magnetic field around it. When these magnetic fields meet conductive bodies in the ground, a secondary field is created, radiating from these bodies. The VLF receiver measures the vertical components of the secondary field. The receiver has two inputs, with two receiving coils built into the instrument. One coil has a vertical axis, the other a horizontal axis. The signal from the vertical axis is first minimized by tilting the instrument. The tilt-angle is calibrated as a percent. The remaining signal in the coil is balanced out by a measured percent of a signal from the other coil, after being shifted 90°. This coil is normally parallel to the primary field. Therefore, if the secondary signals are small compared to the primary horizontal field, the mechanical tilt-angle is an accurate measure of the vertical real-component and the compensated $\pi/2$ signal from the horizontal coil, is a measure of the quadrature vertical signal.

VLF-EM INTERPRETATION: CUTLER, MAINE STATION (24.0 KHz.)

The VLF-EM survey outlined several interesting east-west trending cross-overs. They are highlighted on the accompanying map. A Frazer-filter of the data was also done,and the in-phase component was plotted.

Conductor axis positions closely correspond to each,,when comparing filtered VLF-EM map verses the unfiltered VLF-EM map, though attitudes and extensions differ slightly. Twelve possible conductors have been

Highlighted on the two VLF-EM maps. Several one-line conductors have occurred on the survey results, their importance is underscored because of their lack of continuity.

Conductor C-1 cuts through Beaver Creek on a east-west trend. Highly charges results in both in-phase and quadrature responses, even under filtering, suggests that lake bottom effects are obscuring the results.

Conductors C-2, C-3, C-4 ,C-5 and possible C-6, C-7, C-8 and C-12, are all related to the Ivan Larder fault. The conductor axis corresponds to geological evidence of the fault running from south of Beaver Lake east to the northern contact between felsic volcanics and sediments. The offset of the axis shown as C-7, C-8 and C-12 may represent shearing running parallel to the fault. The conductor axis shows good lateral extension, a corresponding filtered response and a shadowed quadrature with the in-phase, indicating a true bedrock conductive source.

Conductor C-10 shows good lateral extension, a corresponding filtered varification and a shadowed quadrature response. This information, combined with geological evidence suggests a possible shear zone. The reported gold showing by Campbell, (in a shear zone), falls along the conductor axis.

Conductor C-11 shows its axis as a northwest trending attitude, making it unique. Filtered data varifies its presence and a shadowed quadrature response suggest a bedrock source. Geological evidence shows alteration-carbonation occurring in felsic volcanics. There is old trenches in the area as well suggesting this area may be significant.

ANNAPOLIS, MA. STATION (21.4 KHz.)

The Annapolis Maryland Station outlined five (5) separate conductors, four of which trending in a north east direction and one trending in a north west direction, interestingly intersecting a north east conductor. The data results were interpreted from frazer filtered information to aid in the plotting of the conductors.

Conductor C-1 trends north east, cutting across Braver Creek. The off-scale readings of filtered data suggest a strong responsive conductor.

Conductor C-2 trends north west, intersecting C-1 at Beaver Creek. This conductor's reponse is subtle but data results of VLF-EM surveys by Edomar Resources confirms its existance and suggests its source eminates from Bear Lake, possible a response to structural stress as a result of the Spectacle Lake-Kerr Addison anticline.

Conductor C-3 represents the longest conductive response measuring over 3,800 feet of conductive response along a single axis. Again its source possibly eminates from Bear Lake and continues across the sediment-felsic volcanic rock units, dating itself as post Timiskaming.

Conductors c-4 and C-5 parallel each other and are separated by 400 feet. C-4 conductor shows discontinuation and some-off setting, perhaps being influenced by east-west structural activity along the tie-line. Conductor C-5 shows off-setting along the shores of Bear Lake and again further north at the tie-line similar to C-4 and probable having the same influence.

CONCLUSION AND RECOMMENDATIONS:

The results of this project have succeeded in accomplishing the following work:

1. the establishment of eight miles of cut line, picketed and well defined in a grid type system, adequate for control for preliminary surveys.

2. the location and reporting of several previously unknown trenches

3. the delineation of several EM targets, outlining possible structural formations and mineralized zones.

4. the geological examination of the claim group and the evaluation of the properties potential.

5. the magnetic delineation of the property, defining geological boundaries and outlining structural/mineral remnants.

Further recommended work should include further field investigations

of all outlined EM conductors, especially those with elevated magnetic readings as found along the eastern tie line. Sampling from trenches found within this area should be analysed aswell as any rock outcrop which may appear altered, silified, carbonated or mineralized.

The results of this work carried out has established zones of interest where further detailed work can now be concentrated.

CERTIFICATION

I, Todd Beckett, reside at 4 Algonquin Ave., Kirkland Lake, Ontario, do swear that the following is true:

1. that I am a Geological Technician, and have practiced as one for a period of nine years.

2. that I believe that statements contained in this report are true and reported accurately and to the best of my ability

3. that all facts stated in this report are based on the personal examination of the property by myself, in all aspects of the work performed in this report.

B. Todd Beckett

B. Todd Beckett
Kirkland Lake, Ontario.
May 25, 1992.

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UNPUBLISHED REPORTS:

FORBES, C.P.; LEAHY,M. 1981; Report on geophysical surveys during March, 1981 on west grid and east grid Lampe Resources Co. Ltd. (covers mining claim L1185531; L1152304-305) Toronto File No. 2.3861.

LEAHY, M.; 1985; Report on VLF-EM survey on claims L778380 & L778381.; Toronto File No. 2.8583 (covers claims L1152304-305)

MALOUF,S.E. 1980; Summary report Edomar Resources Inc. Toronto File No. Unknown (covers mining claims L1185526-28)

MALOUF, S.E. 1980; Geophysical surveys on Edomar Resources Inc. property. Toronto File No. 2.3572 (covers mining claims L1185526-528)

DESCRIPTION OF SAMPLES COLLECTED

SB-1 Location:@9W 200N
-altered conglomerate, stretched quartz pebbles
- 1% fine-grained pyrite throughout matrix and pebbles
-matrix composed of quartzite with chert fragments

SB-2 Location: Ln10W stn.350N west of line.
-light brown quartzite with minute chert, quartz and jasper fragments
-fine-grained disseminated pyrite throughout rock

SB-3Location: 10W 150N
- quartzitewith minute quartz, black chert, chert and jasper fragments
-sparse, fine-grained pyrite throughout

SB-4 Location: Ln1550W stn.300N near Beaver Lake
-a clastic quartzite with minute chert and jasper fragments
- one 1cm. chert pebble
- brown cabonate throughout rock
- a green carbonate seam, 2.5 cm. long, along bedding
- intense pyrite mineralization in and around fringe of seam

SB-5 Location: Ln12W stn 150N
-clastic quartzite, coarse-grained with chert,quartz, and jasper fragments
- fine-grained diseminated pyrite throughout

SB-6 Location: Ln14W stn.275N from large trench

- quartzite with minute chert,quartz, black chert,fushite fragments
- large 1 cm. chert pebble
- brown carbonate throughout with traces of pyrite
- similar to SB-5

SB-7 Location Between Ln 18W & Ln17W along shore of Beaver Lake
-quartz vein in clastic sediment
- vein is unmineralized, brown carbonate and fushite in rock

8 Location: Ln18W at shore of Beaver Lake
- quartz vein, vein appears barren
-host rock is a clastic quartzite with fine-grained pyrite and a higher than usual amount of fushite fragments

SB-9 Location: 3W 100N at beaver pond
- blue, fine -grained agglomerate, siliceous
- cubic pyrite scattered sparsely and small black blotches, weathered pyrite?

SB-10 Location: 4W 125N at beaver pond
- purple agglomerate
massive, hard. no mineralization

SB-11 Location: 1W 100N at east side copper occurence
- quartz vein containing bornite, malachite in seam parallel to strike
- 3% to 4% copper (estimate)
- blotches of bornite appear through some samples

SB-12 Location: 10W stn.225 S from small trench west of trail
-a pink-green pastel quartzite, fine-grained
- sparse fine grained pyrite throughout

SB-13 Location: 11W 400N north of claim line
- a quartz rich conglomerate with varying sized fragments of quartz, chert, black chert all less than 1 cm.
- one 2 cm. chert pebble
- abundant fine-grained pyrite disseminated throughout matrix (greater than 1%)

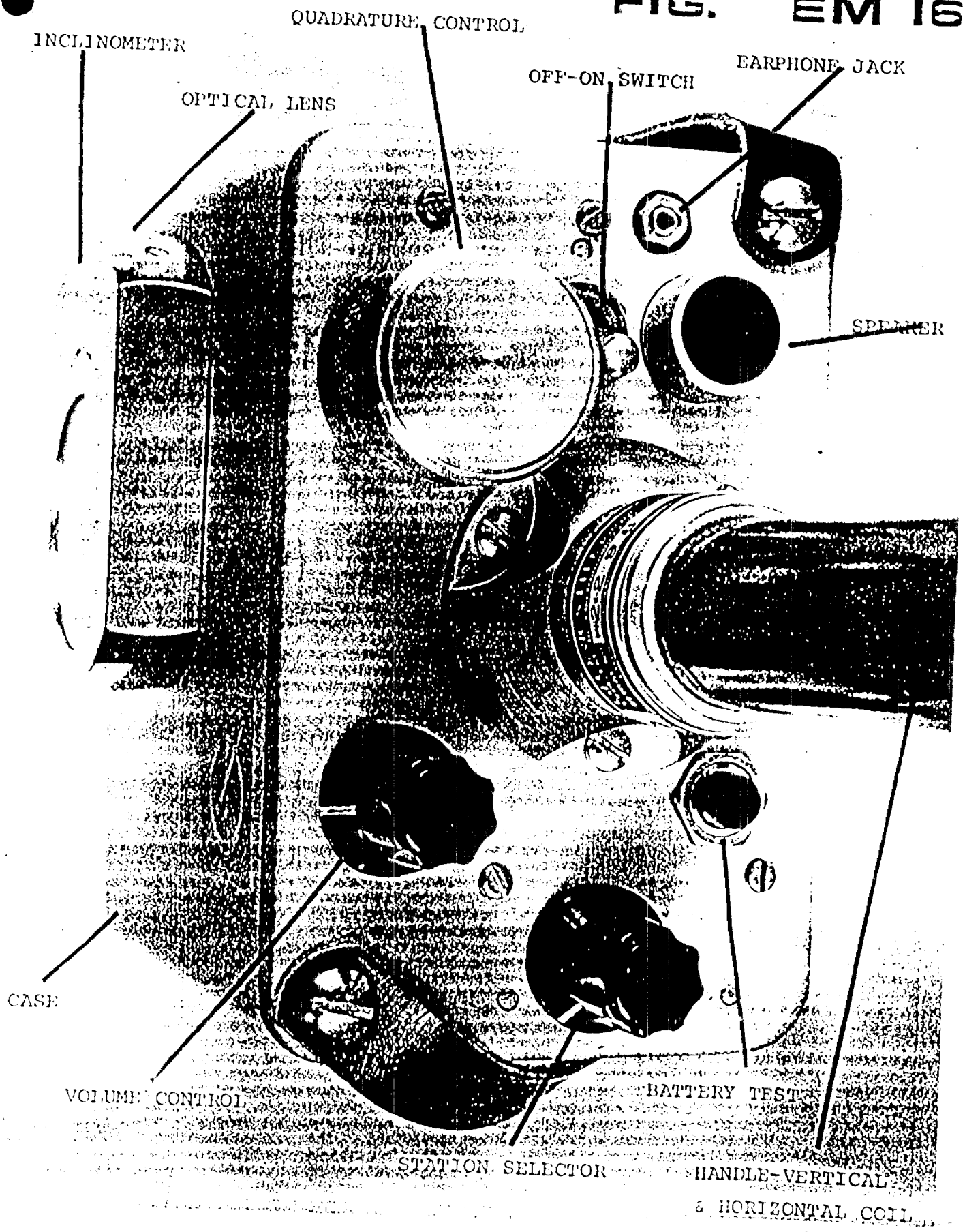
SB-14 Location: 9W stn. 800N
- a basal conglomerate with a 5.5 cm. sub-angular jasper boulder
- the boulder is cut by parallel quartz veinlets which are mineralized with fine-grained pyrite
- the matrix consists of a mafic fine- grained sediment filled with quartz, chert, jasper fragments and the occasional speck of pyrite

SB-15 Location: 4W 350N -specularite in quartz veinlets

TAGGING ZLP-FM READING ON BEAVER LAKE

RESULTS OF LINE CUTTING

FIG. EM 16


INCLINOMETER
QUADRATURE CONTROL
OFF-ON SWITCH
EARPHONE JACK
OPTICAL LENS
SPEAKER
CASE
VOLUME CONTROL
BATTERY TEST
STATION SELECTOR
HANDLE-VERTICAL
& HORIZONTAL COIL

Ministry of Northern Development and Mines
Ontario

M.L.

Report of Work Conducted After Recording Claim

Mining Act

Transaction Number: W 00137

Personal information collected on this form is obtained under the authority of the M
this collection should be directed to the Provincial Manager, Mining Lands, Min
Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

32D04NE8990 2.14689 MCGARRY

900

Instructions:
- Please type or print and submit in duplicate.
- Refer to the Mining Act and Regulations for requirements of filing assessment work or consult the Mining Recorder.
- A separate copy of this form must be completed for each Work Group.
- Technical reports and maps must accompany this form in duplicate.
- A sketch, showing the claims the work is assigned to, must accompany this form.

Recorded Holder(s): TODD BECKETT, ARVO SALO, ~~TIM MORRIS~~		Client No.: 106308; 191038
Address: 4 ALGONQUIN AVE	P2N 1C2	Telephone No.: 567-3095
Mining Division: LARDER LAKE	Township/Area: McGARRY	M or G Plan No.: M-369
Dates Work Performed — From: SEPT. 20/91	To: DEC 16/91 & APRIL 11/92.	

Work Performed (Check One Work Group Only)

	Work Group	Type
✓	Geotechnical Survey	VLF-EM (2); GEOLOGY; MAGNETOMETER; LINECUTTING
	Physical Work, Including Drilling	
	Rehabilitation	
	Other Authorized Work	
	Assays	
	Assignment from Reserve	

RECEIVED
AUG 13 1992
MINING LANDS BRANCH

Total Assessment Work Claimed on the Attached Statement of Costs $ 12512.00 ✓

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
TODD BECKETT	4 ALGONQUIN AVE KIRKLAND LAKE
ARVO SALO	COLVINE AVE VIRGINIATOWN, ONT.

(attach a schedule if necessary)

Certification of Beneficial Interest * See Note No. 1 on reverse side

	Date	Recorded Holder or Agent (Signature)
I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	May 29/92	D. Todd Beckett. A. Salo

Certification of Work Report

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

Name and Address of Person Certifying: TODD BECKETT

Telepone No.	Date	Certified By (Signature)
567-3095	JUNE 13/92	D Todd Beckett

For Office Use Only

Total Value Cr. Recorded	Date Recorded	Mining Recorder	Received Stamp
$12,512.	June 3/92		
	Deemed Approval Date: Sept 1/92.	Date Approved	
	Date Notice for Amendments Sent		

0241 (03/91)

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	L1185526	1	$1,788	$1788.		
	L1185527	1	$1,788	$1,788.		
	L1185528	1	$1,788	$1,788.		
	L1185529	1	$1,787	$1787.		
	L1185530	1	$1,787	$1787.		
	L1152304	1	$1,787	1787.		
	L1152305	1	$1,787	1,787.		
	7		$12,512	$12,512		
	Total Number of Claims		Total Value Work Done	Total Value Work Applied	Total Assigned From	Total Reserve

RECEIVED
AUG 13 1992
MINING LANDS BRANCH

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to priorize the deletion of credits. Please mark (✓) one of the following:

1. ☐ Credits are to be cut back starting with the claim listed last, working backwards.
2. ☑ Credits are to be cut back equally over all claims contained in this report of work.
3. ☐ Credits are to be cut back as priorized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.

Note 2: If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.

Signature: B. Hadfield

Date: June 25/92

0241 (03/91)

Ontario

Ministry of Northern Development and Mines

Ministère du Développement du Nord et des mines

Statement of Costs for Assessment Credit

État des coûts aux fins du crédit d'évaluation

Mining Act/Loi sur les mines

Transaction No./N° de transaction: W 00137

Personal information collected on this form is obtained under the authority of the **Mining Act**. This information will be used to maintain a record and ongoing status of the mining claim(s). Questions about this collection should be directed to the Provincial Manager, Minings Lands, Ministry of Northern Development and Mines, 4th Floor, 159 Cedar Street, Sudbury, Ontario P3E 6A5, telephone (705) 670-7264.

Les renseignements personnels contenus dans la présente formule sont recueillis en vertu de la Loi sur les mines et serviront à tenir à jour un registre des concessions minières. Adresser toute question sur la collecte de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4e étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7264.

1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre		
	Field Supervision Supervision sur le terrain		
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert-conseil	Type LINCUTTING	$400/mile	$3200.
	MAGNETOMETER 200/mile		$1600.
	VLF-EM SURVEYS(2)	225/mile	3600.
			2064
	GEOLOGY	$258/mile × 8 miles	10,464 ✓
Supplies Used Fournitures utilisées	Type FLAGGING TAPE	$2.49 × 15	37.35
	HIP CHAIN THREAD	2.99 ×10	29.90
			$67.25
Equipment Rental Location de matériel	Type MAGNETOMETER	$25/DAY + SHIPPING	$105.
	VLF-EM 16.	$25/DAY + SHIPPING	$127.
			$232.
	Total Direct Costs Total des coûts directs		10,763.25 ✓

2. Indirect Costs/Coûts indirects

** **Note:** When claiming Rehabilitation work indirect costs are not allowable as assessment work.
Pour le remboursement des travaux de réhabilitation, les coûts indirects ne sont pas admissibles en tant que travaux d'évaluation.

Type	Description	Amount Montant	Totals Total global
Transportation Transport	Type @.29/Km CAR × 80Km/DAY × 62 DAYS	.29/km	$1438.40
			1438.40
Food and Lodging Nourriture et hébergement	$5.00 BUSH LUNCH × 62 DAYS.	$5.00/DAY	310.
Mobilization and Demobilization Mobilisation et démobilisation			
	Sub Total of Indirect Costs Total partiel des coûts indirects		$1748.40 ✓
	Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)		2152.65 ✓
	Total Value of Assessment Credit (Total of Direct and Allowable indirect costs) / **Valeur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles)**		12,52

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AUG 13 1992
MINING LANDS BRANCH

Note: The recorded holder will be required to verify expenditures claimed in this statement of costs within 30 days of a request for verification. If verification is not made, the Minister may reject for assessment work all or part of the assessment work submitted.

Note : Le titulaire enregistré sera tenu de vérifier les dépenses demandées dans le présent état des coûts dans les 30 jours suivant une demande à cet effet. Si la vérification n'est pas effectuée, le ministre peut rejeter tout ou une partie des travaux d'évaluation présentés.

Filing Discounts

1. Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.

2. Work filed three, four or five years after completion is claimed at 50% of the above Total Value of Assessment Credit. See calculations below:

Total Value of Assessment Credit	Total Assessment Claimed
× 0.50 =	

Remises pour dépôt

1. Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.

2. Les travaux déposés trois, quatre ou cinq ans après leur achèvement sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calculs ci-dessous.

Valeur totale du crédit d'évaluation	Évaluation totale demandée
× 0,50 =	

Certification Verifying Statement of Costs

I hereby certify:
that the amounts shown are as accurate as possible and these costs were incurred while conducting assessment work on the lands shown on the accompanying Report of Work form.

that as TODD BECKETT (Recorded Holder, Agent, Position in Company) I am authorized

to make this certification

Attestation de l'état des coûts

J'atteste par la présente :
que les montants indiqués sont le plus exact possible et que ces dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule de rapport de travail ci-joint.

Et qu'à titre de _____ (titulaire enregistré, représentant, poste occupé dans la compagnie) je suis autorisé

à faire cette attestation.

Signature	Date
Todd Beckett	May 29/92

0212 (04/91)

Nota : Dans cette formule, lorsqu'il désigne des personnes, le masculin est utilisé au sens neutre.

Ministry of Northern Development and Mines
Ontario

Report of Work Conducted After Recording Claim

M.L. **Mining Act**

Transaction Number: W 00138

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar Street, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

2.14389

Instructions:
- Please type or print and submit in duplicate.
- Refer to the Mining Act and Regulations for requirements of filing assessment work or consult the Mining Recorder.
- A separate copy of this form must be completed for each Work Group.
- Technical reports and maps must accompany this form in duplicate.
- A sketch, showing the claims the work is assigned to, must accompany this form.

Recorded Holder(s): TODD BECKETT, ARVO SALO, ~~JIM MORRIS~~		Client No.: 106308; 191038
Address: 4 ALGONQUIN AVE P2N 1C2		Telephone No.: 567-3095
Mining Division: LARDER LAKE	Township/Area: MCGARRY	M or G Plan No.: M-369
Dates Work Performed From: ~~Oct 7~~ 11 Nov 12 20,21,22,23,26,27 To: ~~Oct~~ 19		

Work Performed (Check One Work Group Only)

	Work Group	Type
	Geotechnical Survey	
✓	Physical Work, Including Drilling	PROSPECTING 6.30
	Rehabilitation	
	Other Authorized Work	
	Assays	
	Assignment from Reserve	

Total Assessment Work Claimed on the Attached Statement of Costs $ $1050

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
TODD BECKETT	4 ALGONQUIN AVE KIRKLAND LAKE ONT. P2N 1C2

RECEIVED
AUG 13 1992
MINING LANDS BRANCH

(attach a schedule if necessary)

Certification of Beneficial Interest * See Note No. 1 on reverse side

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Date: June 3/92	Recorded Holder or Agent (Signature): Todd Beckett

Certification of Work Report

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

Name and Address of Person Certifying: TODD BECKETT

Telepone No.	Date	Certified By (Signature)
567-3095	JUNE 3/92	Todd Beckett

For Office Use Only

Total Value Cr. Recorded	Date Recorded	Mining Recorder	Received Stamp
$1050.	June 3/92 ZP		
	Deemed Approval Date: Sept 1/92	Date Approved	
	Date Notice for Amendments Sent		

0241 (03/91)

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	1185526	1	$150	$150.		
	1185527	1	$150	$150.		
	1185528	1	$150	$150.		
	1185529	1	$150	$150.		
	1185530	1	$150	$150.		
	1152304	1	$150	$150		
	1152305	1	$150	$150		
	Total Number of Claims:		Total Value Work Done: $1050	Total Value Work Applied: $1050.	Total Assigned From:	Total Reserve:

RECEIVED
AUG 13 1992
MINING LANDS BRANCH

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2. ☑ Credits are to be cut back equally over all claims contained in this report of work.
3. ☐ Credits are to be cut back as priorized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.

Note 2: If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.

Signature: [signature]

Date: June 3 1992

0241 (03/91)

Ministry of Northern Development and Mines

Ontario

Ministère du Développement du Nord et des mines

Statement of Costs for Assessment Credit

État des coûts aux fins du crédit d'évaluation

Mining Act/Loi sur les mines

Transaction No./N° de transaction

W 00138

Personal information collected on this form is obtained under the authority of the **Mining Act**. This information will be used to maintain a record and ongoing status of the mining claim(s). Questions about this collection should be directed to the Provincial Manager, Minings Lands, Ministry of Northern Development and Mines, 4th Floor, 159 Cedar Street, Sudbury, Ontario P3E 6A5, telephone (705) 670-7264.

Les renseignements personnels contenus dans la présente formule sont recueillis en vertu de la **Loi sur les mines** et serviront à tenir à jour un registre des concessions minières. Adresser toute quesiton sur la collece de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4e étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7264.

1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre	7 DAYS	@150/DAY
	Field Supervision Supervision sur le terrain		1050
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert-conseil	Type		
Supplies Used Fournitures utilisées	Type		
Equipment Rental Location de matériel	Type		
	Total Direct Costs Total des coûts directs		1050

2. Indirect Costs/Coûts indirects

** **Note:** When claiming Rehabilitation work Indirect costs are not allowable as assessment work.
Pour le remboursement des travaux de réhabilitation, les coûts indirects ne sont pas admissibles en tant que travaux d'évaluation.

Type	Description	Amount Montant	Totals Total global
Transportation Transport	Type		
Food and Lodging Nourriture et hébergement			
Mobilization and Demobilization Mobilisation et démobilisation			
	Sub Total of Indirect Costs Total partiel des coûts indirects		
	Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)		
	Total Value of Assessment Credit (Total of Direct and Allowable Indirect costs) / **Valeur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles)**		1050

Note: The recorded holder will be required to verify expenditures claimed in this statement of costs within 30 days of a request for verification. If verification is not made, the Minister may reject for assessment work all or part of the assessment work submitted.

RECEIVED
AUG 13 1992
MINING LANDS BRANCH

Note : Le titulaire enregistré sera tenu de vérifier les dépenses demandées dans le présent état des coûts dans les 30 jours suivant une demande à cet effet. Si la vérification n'est pas effectuée, le ministre peut rejeter tout ou une partie des travaux d'évaluation présentés.

Filing Discounts

1. Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.

2. Work filed three, four or five years after completion is claimed at 50% of the above Total Value of Assessment Credit. See calculations below:

Total Value of Assessment Credit		Total Assessment Claimed
	× 0.50 =	

Remises pour dépôt

1. Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.

2. Les travaux déposés trois, quatre ou cinq ans après leur achèvement sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calculs ci-dessous.

Valeur totale du crédit d'évaluation		Évaluation totale demandée
	× 0,50 =	

Certification Verifying Statement of Costs

I hereby certify:
that the amounts shown are as accurate as possible and these costs were incurred while conducting assessment work on the lands shown on the accompanying Report of Work form.

that as TODD BECKETT I am authorized
(Recorded Holder, Agent, Position in Company)

to make this certification

Attestation de l'état des coûts

J'atteste par la présente :
que les montants indiqués sont le plus exact possible et que ces dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule de rapport de travail ci-joint.

Et qu'à titre de _____ je suis autorisé
(titulaire enregistré, représentant, poste occupé dans la compagnie)

à faire cette attestation.

Signature	Date
T. Todd Beckett	June 3/92.

0212 (04/91)

Nota : Dans cette formule, lorsqu'il désigne des personnes, le masculin est utilisé au sens neutre.

Ontario

Ministry of Northern Development and Mines

Ministère du Développement du Nord et des Mines

Mining Lands Branch
Geoscience Approvals Section
159 Cedar Street, 4th Floor
Sudbury, Ontario
P3E 6A5

Telephone: (705) 670-7265
Fax: (705) 670-7262

September 1, 1992

Our File: 2.14689
Transaction #W9280.137
.138

Mining Recorder
Ministry of Northern Development
and Mines
4 Government Road East
Kirkland Lake, Ontario
P2N 1A2

Dear Sir/Madam:

Subject: APPROVAL OF ASSESSMENT WORK CREDITS ON MINING CLAIMS L1152304 ET AL. IN MCGARRY TOWNSHIP

The assessment work credits for the Geophysical, Geological Surveys and Prospecting filed under sections 14, 12 and 9 of the Mining Act Regulations have been approved as originally filed.

The approval date is August 28, 1992.

Please indicate this approval on your claim record sheets.

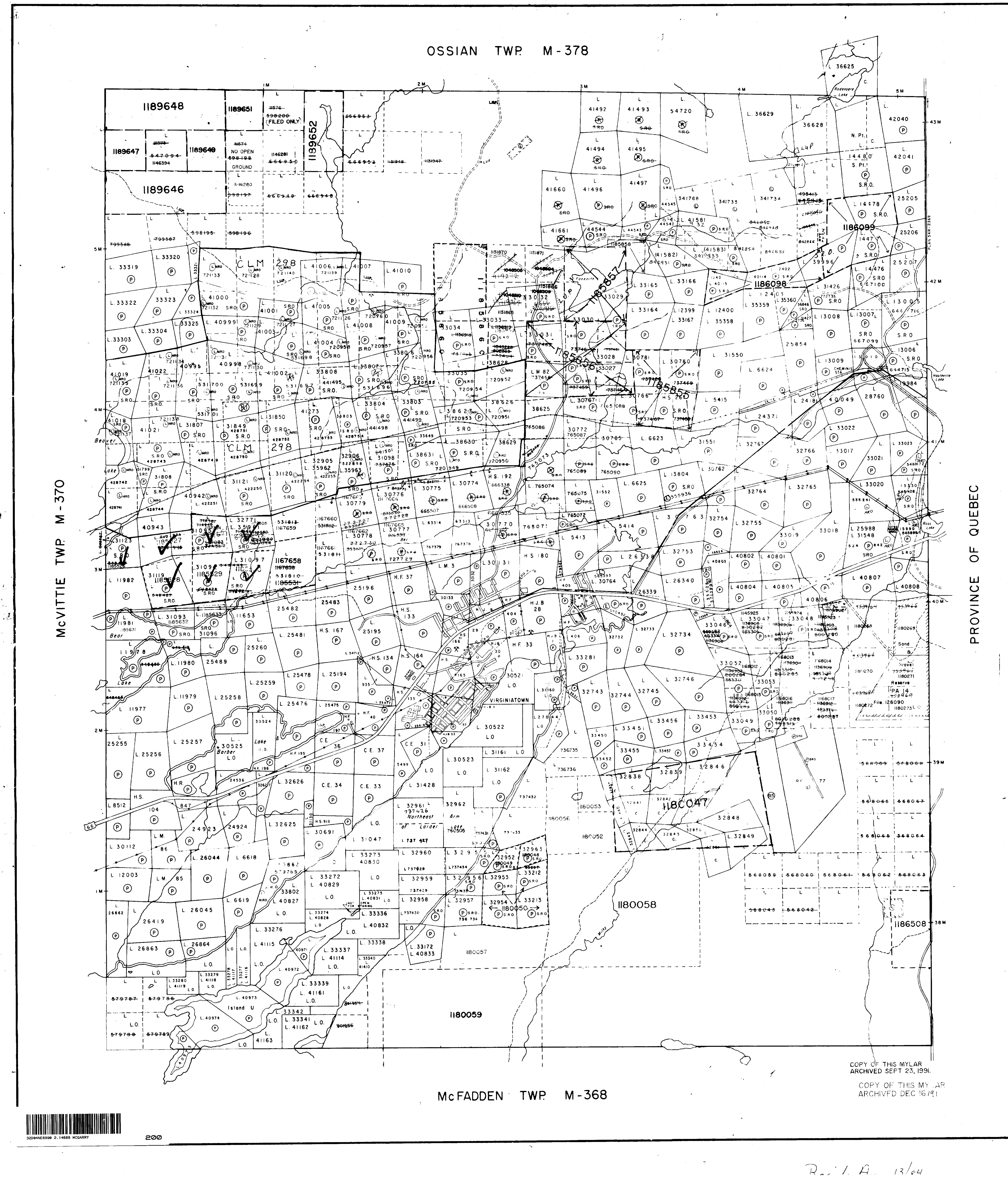
Yours sincerely,

Ron C. Gashinski
Senior Manager, Mining Lands Branch
Mines and Minerals Division

LJ/jl
Enclosures:

cc: Resident Geologist
Kirkland Lake, Ontario

Assessment Files Office
Toronto, Ontario



THE TOWNSHIP OF McGARRY

DISTRICT OF TIMISKAMING

LARDER LAKE MINING DIVISION

SCALE: 1 INCH = 20 CHAINS

LEGEND

PATENTED LAND	(P)
CROWN LAND SALE	C.S.
LEASES	(L)
LOCATED LAND	Loc.
LICENSE OF OCCUPATION	L.O.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
ROADS	
IMPROVED ROADS	
KING'S HIGHWAYS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	⚒
CANCELLED	C.

NOTES

400' surface rights reservation along the shores of all lakes and rivers.

(R1) Mining rights withdrawn from prospecting, staking out, sale or lease Section 36, The Mining Act, R.S.O. 1980 Order No 99/84 September 17, 1984 2:40 pm
ORDER NO. O-L29-90 NR OPENS W99/84 DEC. 3, 1990

~~(R2) Sec 36-1980 W-7/86 86/01/17 mts~~
~~(R3) Sec 36-1980 W-9/86 86/01/22 mts~~
~~(R4) Sec 36-1980 W-8/86 86/01/20 mts~~

(R2) SURFACE AND MINING RIGHTS WITHDRAWN FROM STAKING SECT.36 ORDER W 07/86
PART (R2) REOPENED BY ORDER NO. O-L10/89 NR
PART (R2) REOPENED BY ORDER NO. O-L11/89 NR

(R3) SURFACE AND MINING RIGHTS WITHDRAWN FROM STAKING SECT.36 ORDER W 09/86
O-L25-90 NR OPENS PART OF W9/86, NOV 21/90

(R4) SURFACE AND MINING RIGHTS WITHDRAWN FROM STAKING SECT.36 ORDER W 08/86
O-L24-90 NR OPENS PART OF W9/86, NOV 21/90

(R5) Pending Disposition for Surface and Mining Rights - Section 31 (b) November 1, 1990 File - LLAN-16-4

Proposed Watermain for Water Supply System.

RECEIVED
AUG 13 1992
MINING LANDS BRANCH

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

SAND AND GRAVEL

(G) QUARRY PERMIT
(G1) M.N.R. GRAVEL RESERVE 36-12

PLAN No. M-369

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

SYMBOLS

- CLAIM LINE & POST
- (CUT) GRID LINE & STATION
- TOWNSHIP BOUNDARY LINE
- RAILWAY LINE
- TRAIL
- OLD TRAIL
- BRIDGE
- BEAVER DAM
- CABIN
- (P) PATENTED CLAIM
- MUSKEG
- TREE LOOKOUT

TREE TYPES

spr.	spruce
pop.	poplar
brch.	birch
tag.	tag. alder

LEGEND

VOLCANICS
- 1a Agglomerate
- 1b Tuff (Bedded)
- 1c Porphyry
- 1d Trachyte
- 1e Rhyolite

SEDIMENTS
- 2 Quartzite
- 2a Graywacke
- 2c Conglomerate
- 2d Clastic Sediment

- Strike & Dip (Bedding)
- Schistosity
- Glacial Striation
- Fault
- Shearing
- QV. Quartz Veining
- calc. Calcite
- CU Copper
- mal. malachite
- born. bornite
- sph. sphalerite
- carb. carbonated
- spec. specularite
- ep. epidote
- hem. hematite
- alt. alteration
- py. pyrite
- trenching

RAILWAY

BEAVER LAKE

SAND RIDGE

POWER LINE

BEAR CREEK

BASE LINE

To Virginiatown

BEAR LAKE

McGARRY TP. / McVITTIE TP.

L1185528 L1185529 L1185530

1185526 1152305

18+50 W 17+50 W 16+50 W 15+50 W 14+00 W 12+00 W 10+00 W 8+00 W 6+00 W 4+00 W 2+00 W 0+00 W

19+50 W 18+50 W 16+50 W 15 W 14 W 13 W 12 W 10 W 9 W 8 W 7 W 6 W 5 W 4 W 3 W 2 W

N

Mag. Var. 12°

0 200 400 600 FEET

BECKETT · SALO GROUP	
GEOLOGY	McGARRY TP. DIST. OF TIMISKAMING.
SCALE: 1 inch = 200 feet	DRAWN BY: T. Beckett December, 1991.

2.14689

RECEIVED AUG 13 1992 MINING LANDS BRANCH

210

SYMBOLS

- CLAIM LINE & POST
- (CUT) GRID LINE & STATION
- TOWNSHIP BOUNDARY LINE
- RAILWAY LINE
- TRAIL
- OLD TRAIL
- BRIDGE
- BEAVER DAM
- CABIN
- (P) PATENTED CLAIM
- MUSKEG
- TREE LOOKOUT

RAILWAY

BEAVER LAKE

L1185529

L1185528

L1185530

L1152305

SB-1 SB-2 SB-3 SB-4 SB-5 SB-6 SB-7 SB-8 SB-9 SB-10 SB-12 SB-13 SB-14

17+50W 16+50W 15+50W 15 W 14 W 13 W 12 W 11 W 10 W 9W 8W 7W 6W 5W 4W 3W 2W

18+50 W 16+50 W

16+50N TIE LINE

M McGARRY TP. / McVITTIE TP.

POWER LINE

BEAR CREEK

BASE LINE

To Virginiatown

14+00 W 12+00 W 10+00 W 8+00 W 6+00 W 4+00 W 2+00W 0+00 W

Au

BEAR LAKE

N

12° Mag. True

SB-8 SAMPLE LOCATION

0 200 400 600 FEET

BECKETT-SALO GROUP	
GRID & SAMPLE SITES	McGARRY TP. DIST. OF TIMISKAMING.
SCALE: 1 inch = 200 feet	DRAWN BY: T. Beckett December. 1991.

2.14689

RECEIVED AUG 13 1992 MINING LANDS BRANCH

220

SYMBOLS

- CLAIM LINE & POST
- (CUT) GRID LINE & STATION
- TOWNSHIP BOUNDARY LINE
- RAILWAY LINE
- TRAIL
- OLD TRAIL
- BRIDGE
- BEAVER DAM
- CABIN
- (P) PATENTED CLAIM
- MUSKEG
- TREE LOOKOUT

RAILWAY

BEAVER LAKE

L1185526

L1185527

L1185528

L1185529

L1185530

L1152805

TIE LINES

POWER LINE

BEAR CREEK

BASE LINE

To Timmins

McGARRY TP.

McVITTIE TP.

BEAR LAKE

15+50 W

16+50 W

17+50 W

18+50 W

19+50 W

14+00 W

12+00 W

10+00 W

8+00 W

6+00 W

4+00 W

2+00 W

0+00 W

N

Mag. 12° True

Contours 100 c[illegible] apart

0 200 400 FEET

RECEIVED
AUG 13 1992
MINING LANDS BRANCH

2.14689

BECKETT-SALO GROUP

MAGNETIC SURVEY

McGARRY TP.
DISTRICT OF TIMISKAMING

SCALE:
1 inch = 200 feet

DRAWN BY
T. Beckett
April [illegible]

230

SYMBOLS

- CLAIM LINE & POST
- (CUT) GRID LINE & STATION
- TOWNSHIP BOUNDARY LINE
- RAILWAY LINE
- TRAIL
- OLD TRAIL
- BRIDGE
- BEAVER DAM
- CABIN
- PATENTED CLAIM
- CONDUCTOR AXIS

MUSKEG

TREE LOOKOUT

RAILWAY

POWER LINE

BEAR CREEK

BASE LINE

OFF SCALE

To Virginiatown

BEAR LAKE

McGARRY TP.

McVITTIE TP.

16+50 W

15+50 W

14+00 W

12+00 W

10+00 W

8+00 W

6+00 W

4+00 W

2+00 W

0+00 W

9W 8W 7W 6W 5W 4W 3W 2W

No Reading (Interference)

No Reading (Interference)

L1185528 L1185529 L1185530 L1185529

2.14689

240

RECEIVED
AUG 13 1992
MINING LANDS BRANCH

BECKETT · SALO GROUP	
VLF-EM (kHz.) CUTLER, ME. 24.0	McGARRY TP. DIST. OF TIMISKAMING.
SCALE: 1 inch = 200 feet	DRAWN BY: T. Beckett December. 1991.

SYMBOLS

- CLAIM LINE & POST
- (CUT) GRID LINE & STATION
- TOWNSHIP BOUNDARY LINE
- RAILWAY LINE
- TRAIL
- OLD TRAIL
- BRIDGE
- BEAVER DAM
- CABIN
- PATENTED CLAIM
- MUSKEG
- TREE LOOKOUT
- CONDUCTOR AXIS

RAILWAY

BEAVER LAKE

C-1 C-2 C-3 C-4 C-5 C-6 C-7 C-8 C-9 C-10 C-12

L1185528 L1185529 L1185530 L1185531 L1185532 L1185533 L1185534

TIE LINE

16+50 W 16+00 W 15+50 W 15+00 W 14+50 W 14+00 W 13+50 W 13+00 W 12+50 W 12+00 W 11+50 W 11+00 W 10+50 W 10+00 W 9+50 W 9+00 W 8+50 W 8+00 W 7+50 W 7+00 W 6+50 W 6+00 W 5+50 W 5+00 W 4+50 W 4+00 W 3+50 W 3+00 W 2+50 W 2+00 W

McGARRY TP.

MATTLE TP.

POWER LINE

BEAR CREEK

BASE LINE

To Virginiatown

BEAR LAKE

N 19°W True

0 200 400 600 FEET

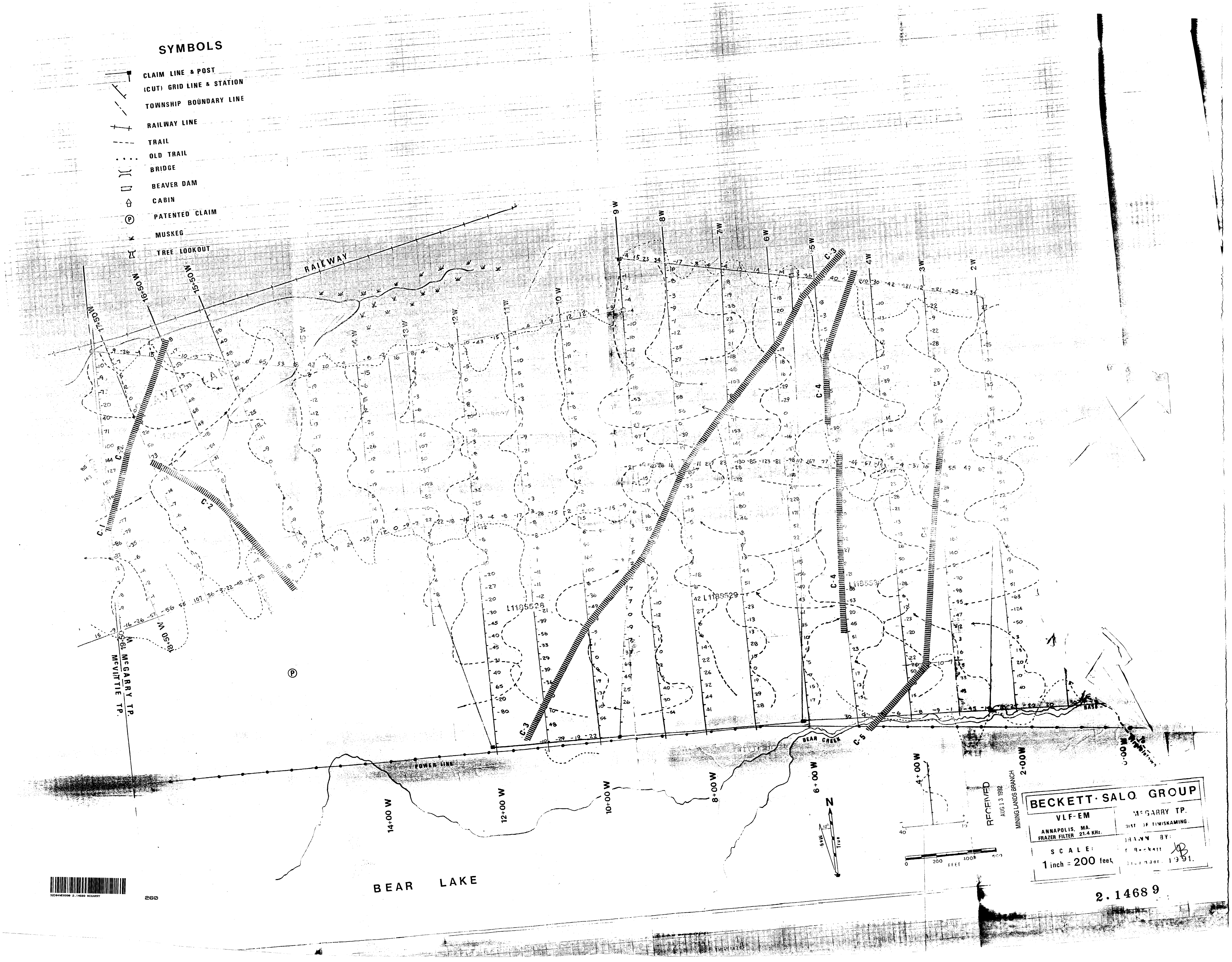
+40% 0 -5 -40%

RECEIVED
AUG 13 1992
MINING LANDS BRANCH

2.14689

BECKETT-SALO GROUP	
VLF EM FRAZER FILTER CUTLER, ME. 24.0 kHz.	McGARRY TP. DIST. OF TIMISKAMING.
SCALE: 1 inch = 200 feet	DRAWN BY: T. Beckett December, 1991.

250


SYMBOLS
CLAIM LINE & POST
(CUT) GRID LINE & STATION
TOWNSHIP BOUNDARY LINE
RAILWAY LINE
TRAIL
OLD TRAIL
BRIDGE
BEAVER DAM
CABIN
PATENTED CLAIM
MUSKEG
TREE LOOKOUT
RAILWAY
BEAR LAKE
BEAR CREEK
POWER LINE
McGARRY TP.
McVITTIE TP.
L1185528
L1185529
L1185530
C-1
C-2
C-3
C-4
C-5
2W
3W
4W
5W
6W
7W
8W
9W
10W
11W
12W
13W
14W
15W
15+50W
16+50W
17+50W
18+50W
19+50W
0+00
2+00W
4+00W
6+00W
8+00W
10+00W
12+00W
14+00W
N
True
Mag.
12°
RECEIVED
AUG 13 1992
MINING LANDS BRANCH
BECKETT · SALO GROUP
VLF-EM
ANNAPOLIS, MA.
FRAZER FILTER 21.4 KHz.
McGARRY TP.
DIST. OF TIMISKAMING.
SCALE:
1 inch = 200 feet
0
200
400
FEET
40
2.14689
260