Report
On the

BEAVER POND PROJECT

JAMES AND TUDHOPE TOWNSHIPS

ELK LAKE ONTARIO

BY

2.22574

GARFIELD PINKERTON

PROSPECTOR

JAN 27 ,2000

Beaver Pond Project
1999
by: Garfield Pinkerton

Located in James & Tudhope Twp., Temiskaming District

Project Location

Elk Lake Area

Temiskaming Dist.

Larder Lake Mining Dist.

James Twp. Map plan #225

Tudhope Twp. Map plan 3724

NTS Map -41- p/NE 9

Lat 47 44'N Long 80 17'W

Location Maps

Project area is outlined on attached photocopies of recent claim maps.

Date Jan. 7, 2000.

Access

Access to the property is via an old logging road that has been upgraded in 1999. This road exits HWY 65 approx 3.3 km south of Elk Lake. Turn left on this road for 2.7 kms to a trail that leads north to base line and location of the first D.D hole.

See attached location access map.

Project Location #2

Do not turn north on trail but follow old road out to Beaver Pond and follow trail across swamp at the base of the beaver dam to the area #2 approx 40 metres N.E.

For access to claim #1222673 turn right at gravel pit and follow road to gate. Gate is located on the East Boundary of private property.

Geology

Bedrock in the area is of Precambrian age and composed of granitic rocks from the round Lake Batholith. Nippissing diabase is most common in the area of the project. It is still thought to be 150 to 250 ft thick. Outcrops protrude above the tillage in various locations.

Work Plan

In June 1999 work was started on old workings of Paramount Mines located in the South half of claim unit 1225024 lot 12 NE ¼ of N ½ Con IV Tudhope Twp. An old trench was hand cleaned, washed and pumped down approx 6m. A bench was located on the west end at 5.5m where the trench is approx 1.2m wide. At this time it was found that a shaft had been sunk in the centre of trench to an unknown depth. It is hard to figure the depth as a lot of timber and debris was lodged where the bench ended and the muck pile is covering part of the outcrop. Estimated depth is approximately 25 meters.

Veining in the west end of the trench consists of a vein 2 to 6 cm wide striking east N80E and is vertical on surface. Minor bornite and chalcopyrite is visible in the quartz carbonate. In the trenching that was pumped out another vein is visible. This vein is 2 to 5 cm in width of quartz carbonate with minor chalcopyrite, at a depth of approx 4 meters the two veins join together. It would appear the vein widened to depth and had been mined.

An old steam boiler was found and an old ore bin with some vein material. The vein material consisted of calcite with chalcopyrite and some quartz carbonate with bornite and chalcopyrite. This vein material was all hand cobbed indicating that work had been done in the early part of the century. Reports on file at the Kirkland Lake office of MNDM are very sketchy and do not include much data.

In July and August grid lines were cut on the north east quarter of claim 1222054 and the north ½ of claim 1225024. A base line was cut east and west on the Con IV and Con V line and the 0+00 line was cut on the Twp. Line north from a Government land survey point marking James and Tudhope Twp. Con IV and Con V. Grid was cut on

100m intervals and a 50m line was put in on each side of line 0+00. Stn's were placed and tagged at 25m intervals along all s.+N. SEE ATTACHED MAP #1

Stripping

Mechanical stripping was done south of the main trench. Located on the S ½ of claim 1225024 Lot 12, Con IV Tudhope Twp. with a tracked excavator.

Area stripped was south of the main trench and 1 to 2 meters wide for a length of 35 meters. Over burden was from .5 to 3 meters thick on area stripped and consisted of sandy loam with a few small boulders. Stripping was done to check this area for parallel veining south of the trench, but nothing was found. SEE ATTACHED MAP #1

Six holes 2 ft deep were drilled and blasted in an old trench. Only minor chalcopyrite was found.

Results

Based on results from D.D holes, cleaning and pumping of old trench the property does not warrant further work unless a new vein structure is found.

Garfield Pinkerton

Lie. #k21894

Claim # 1222673

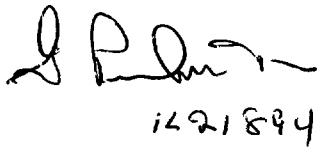
Tudhope Twp. Lot 12 Con. IV

Prospecting was done on this claim starting in August. The south boundary line was found to be newly flagged with tape. I contacted the forest alliance and found that this whole claim block was to be harvested in October so prospecting was completed in November.

A trench was located just east of line post 400 m N of #3 post cl. 1222673. A small area of trench approx 2m long by .3m wide was cleaned out, no veining found. This trench was followed for approx 400m N where it ends at the edge of Beaver Pond. It was cleaned out in 5 small areas but no veining was found. It would appear that this was only an exploration trench across this area. Overburden is on average about .5 meters. The diabase is coarse in the area of trench.

Approximately 350m west and 25m north of a line post indication 1200m south of #1 post cl. 1222673 a 2cm wide vein of hematite was located trending N20W. This showing is close to road indicated on Map #2 and is in fine grain diabase. Two 2ft holes were drilled and blasted. Vein disappears, over burden at the base appears to be quite thick, a hole was dug with pick and shovel about .75m and no bedrock contact was made.

This property should be revisited after logging is finished as skidder's will uncover some rock outcrops that have little over burden covering, some veining might show up.



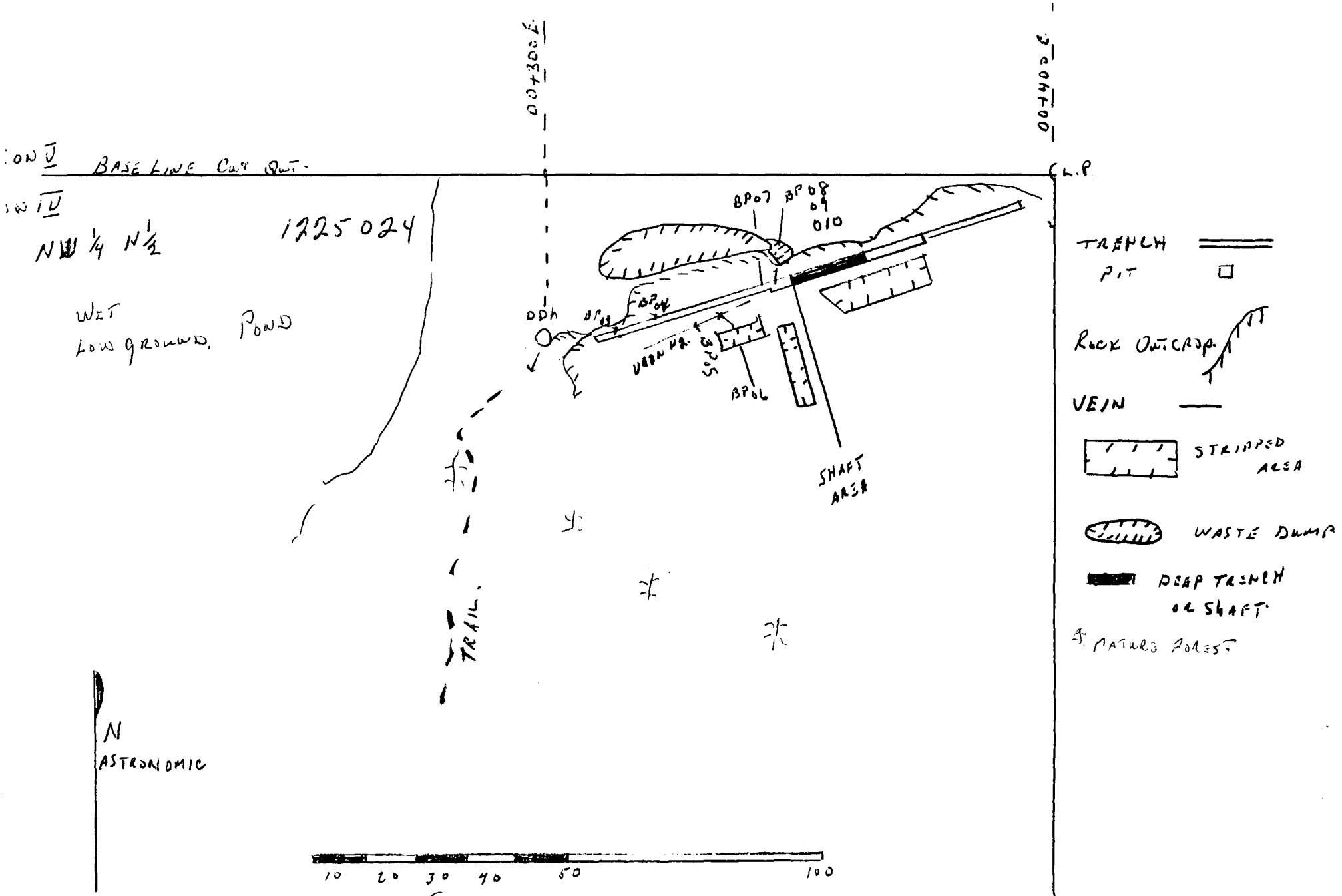
i421894

BEAVER POND PROJECT
AREA # 2.

SAMPLE #	SAMPLE DESCRIPTION.
BP01	1-2 CM HEMATITE VEIN. 5TO 60% HEMATITE 5-10 GANGE. MINOR CHALCO .05-10%. (BEFORE)
BP02.	.5 CM STRINGER. HEMATITE. NO CHALCO (AFTER. BLAST.)
BP03	10CM QUARTZ VEIN. 15 TO 20% CHALCO 3 TO 5% BORN. TR. W HEMATITE.
BP04	6-8 CM. WIDE QUARTZ VEIN. MINOR CHALCO 5-10% BORNITE ON EDGE OF VEIN AT FOOT WALL.
BP05	10 CM QUARTZ CALCITE VEIN. CHALCO 10-20% BORNITE 5% HEMATITE. & MAGNATITE.
BP06	10CM QUARTZ CALCITE VEIN. 10% CHALCO. MINOR BORNITE.
BP07	QUARTZ CALCITE VEIN CHALCO PYRITE. 20 CM WIDE 2 VEINS JOIN.
BP08.	QUARTZ CALCITE VEIN. (QUARTZ MINOR BLUE BASY CARB.? MINOR BORNITE 10-15% CHALCO.
BP09	QUARTZ CALCITE VEIN 15-20 CM WIDE CHALCO 11-15% HEMATITE
BP10	QUARTZ CALCITE VEIN 18-20 CM. 10-15% CHALCO HEMETITE STAINING SMALL CUBES MAGNATITE.

NIPISSING DIABASE IS HOST ROCK

Samples held for D.D.H. Results for Comparison.
AFTER Comp. NOT ASSAYED.



MAP #4

BENUER POND PROJECT
AREA #2
BY
CANFIELD PINKERTON

K21 F64

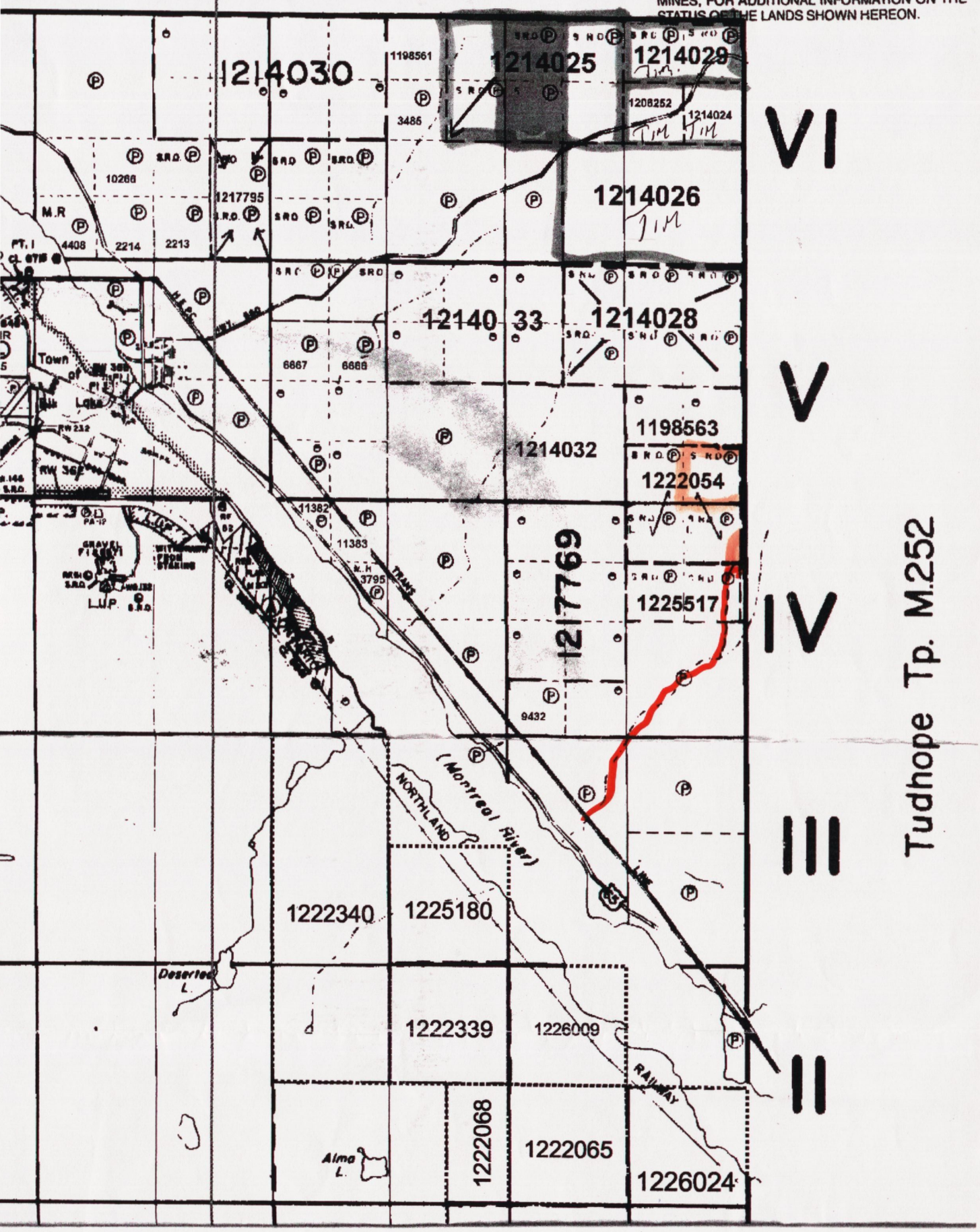
THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED.

JAN 07 2000

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.

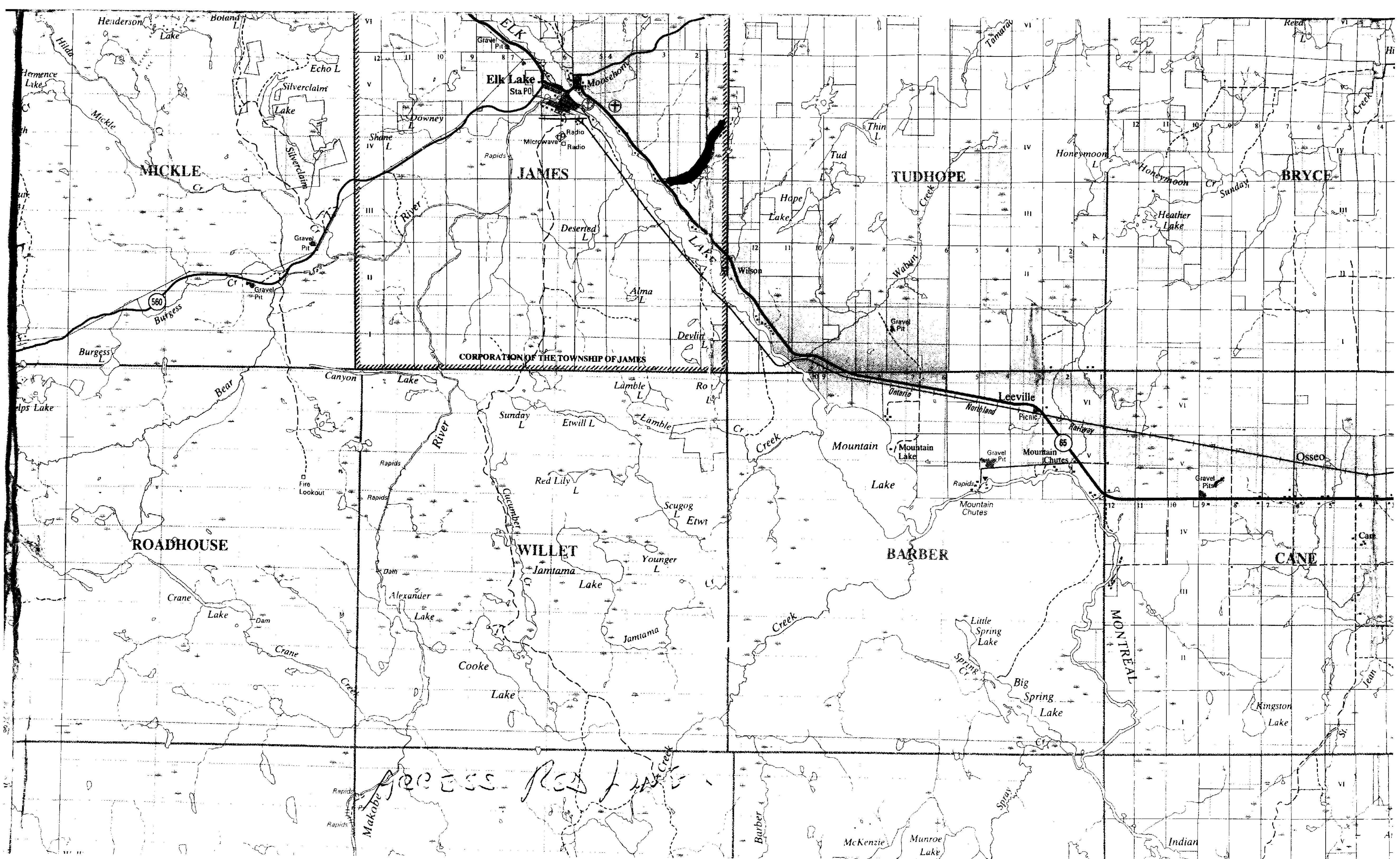
Smyth Tp. M.248

2.22574



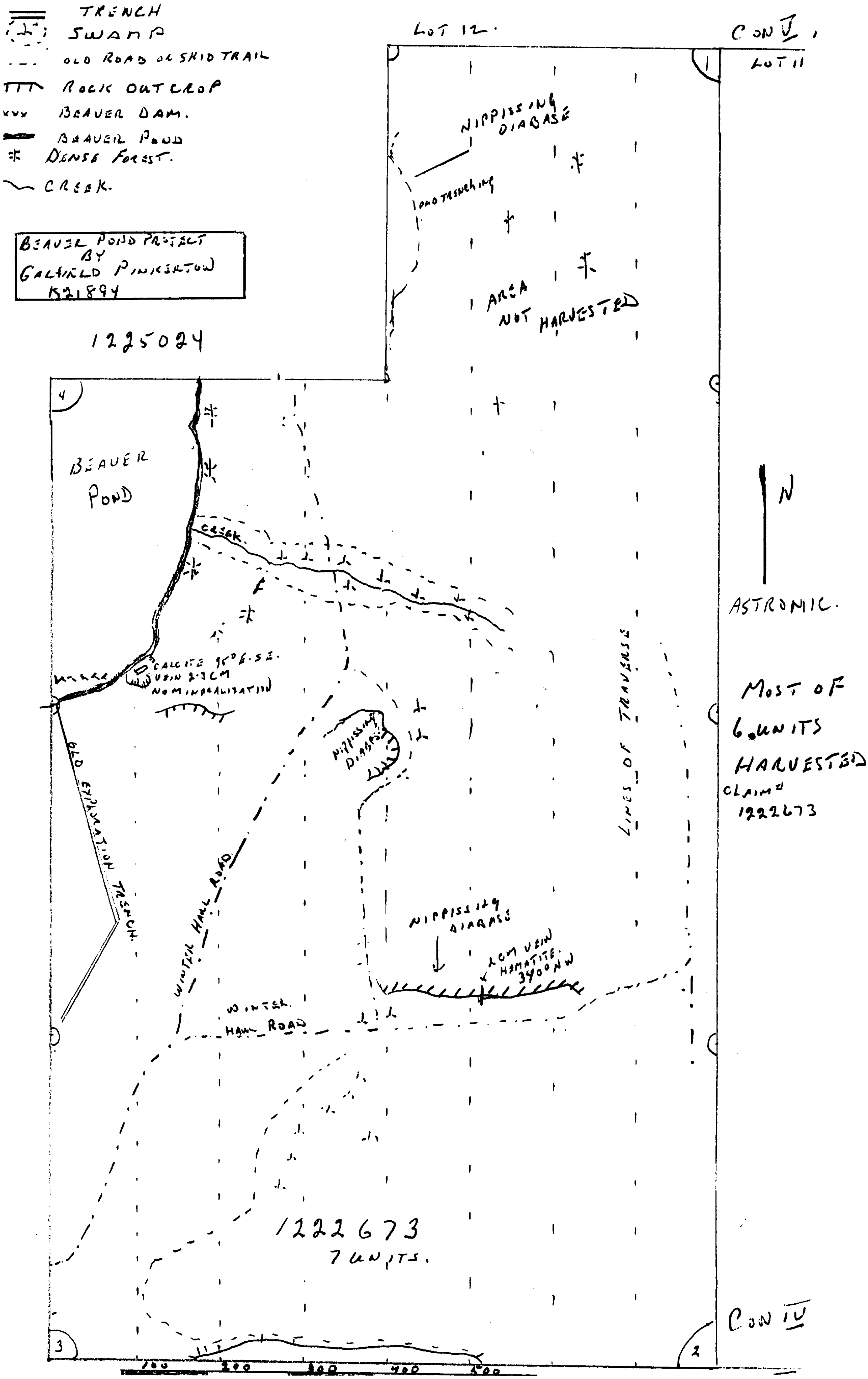
JAMES TWP. 11

ACCESS



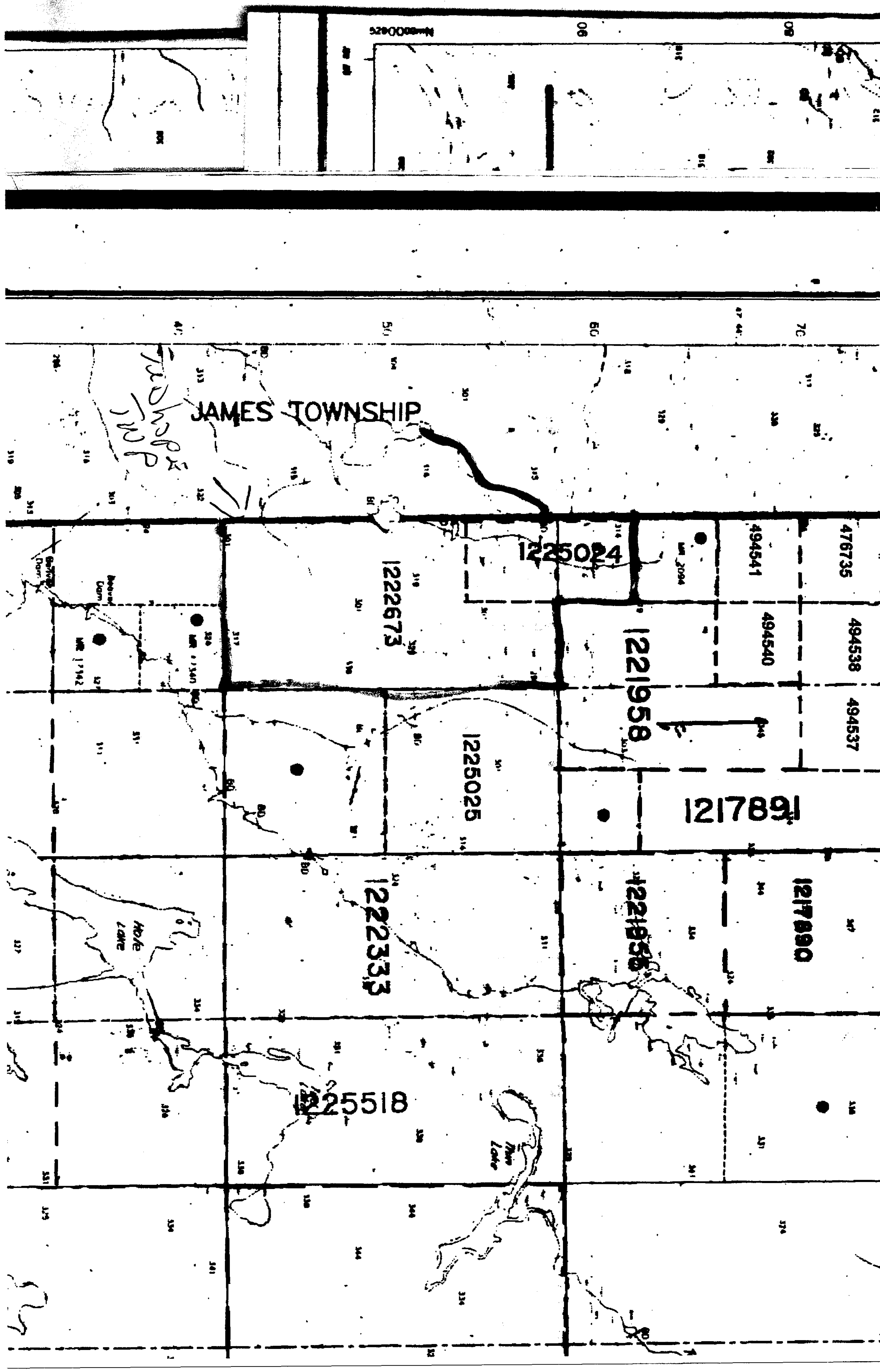
MICKLE
JAMES
TUDHOPE
BRYCE
ROADHOUSE
WILLET
BARBER
CANE
MONTREAL
CORPORATION OF THE TOWNSHIP OF JAMES
Elk Lake
Sta PO
ELK
LAKE
Moosehorn
Microwave
Radio
Gravel Pit
Wilson
Leeville
Picnic
Osseo
Ontario
Northland
Railway
Mountain Chutes
560
65
Henderson
Lake
Boland L
Hilda
Hermence Lake
Echo L
Silverclaim
Lake
Downey L
Shane L
Rapids
River
Deserted L
Alma L
Devlin L
Burgess
Burgess L
Cr
Thin L
Tud
Hope Lake
Wabun Creek
Tamarac
Honeymoon L
Honeymoon Cr
Sunday
Heather Lake
Reed L
Canyon Lake
Bear
Phelps Lake
Sunday L
Etwill L
Lamble L
Lamble
Red Lily L
Scugog L
Etwi
Cucumber Cr
Younger L
Jamtama Lake
Jamtama
Alexander Lake
Dam
Cooke Lake
Fire Lookout
Crane Lake
Crane Creek
Mountain Lake
Mountain Lake
Creek
Little Spring Lake
Spring Cr
Big Spring Lake
Kingston Lake
St. Jean
Makabe
Barber
McKenzie
Munroe Lake
Spray
Indian
ACCESS RED LAKE

Map # 2

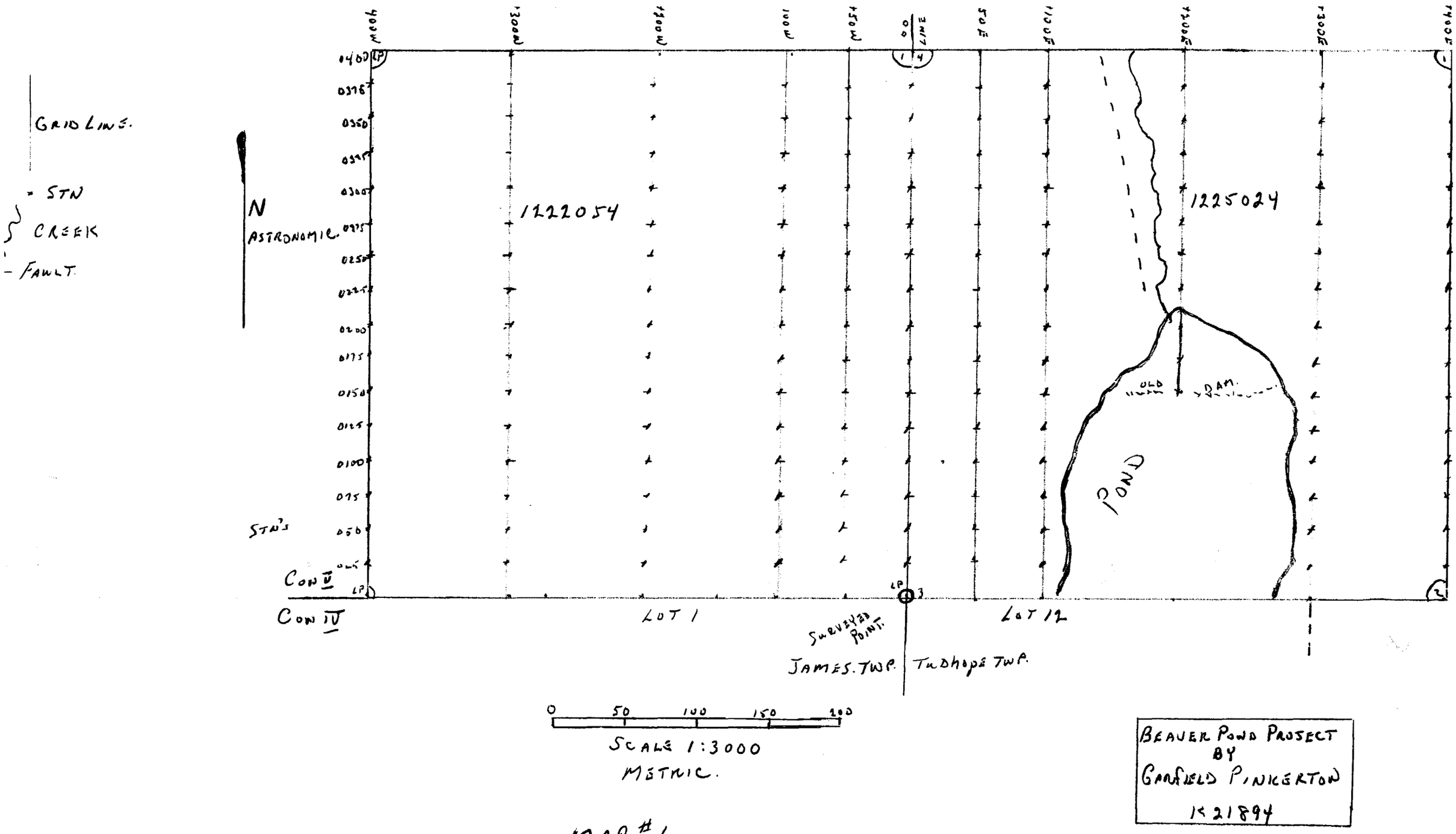


TRENCH
SWAMP
OLD ROAD OR SKID TRAIL
ROCK OUTCROP
BEAVER DAM.
BEAVER POND
DENSE FOREST.
CREEK.
BEAVER POND PROJECT
BY
GARFIELD PINKERTON
K21894
1225024
LOT 12.
CON V.
LOT 11
NIPPISSING DIABASE
OLD TRENCHING
AREA NOT HARVESTED
BEAVER POND
CREEK.
CALCITE 95° E.S.E. VEIN 2-3 CM NO MINERALIZATION
NIPPISSING DIABASE
OLD EXPLORATION TRENCH.
WINTER HAUL ROAD
LINES OF TRAVERSE
N
ASTRONIC.
MOST OF 6 UNITS HARVESTED
CLAIM
1222673
NIPPISSING DIABASE
2CM VEIN HEMATITE. 340° NW
WINTER HAUL ROAD
1222673
7 UNITS.
CON IV
100
200
300
400
500

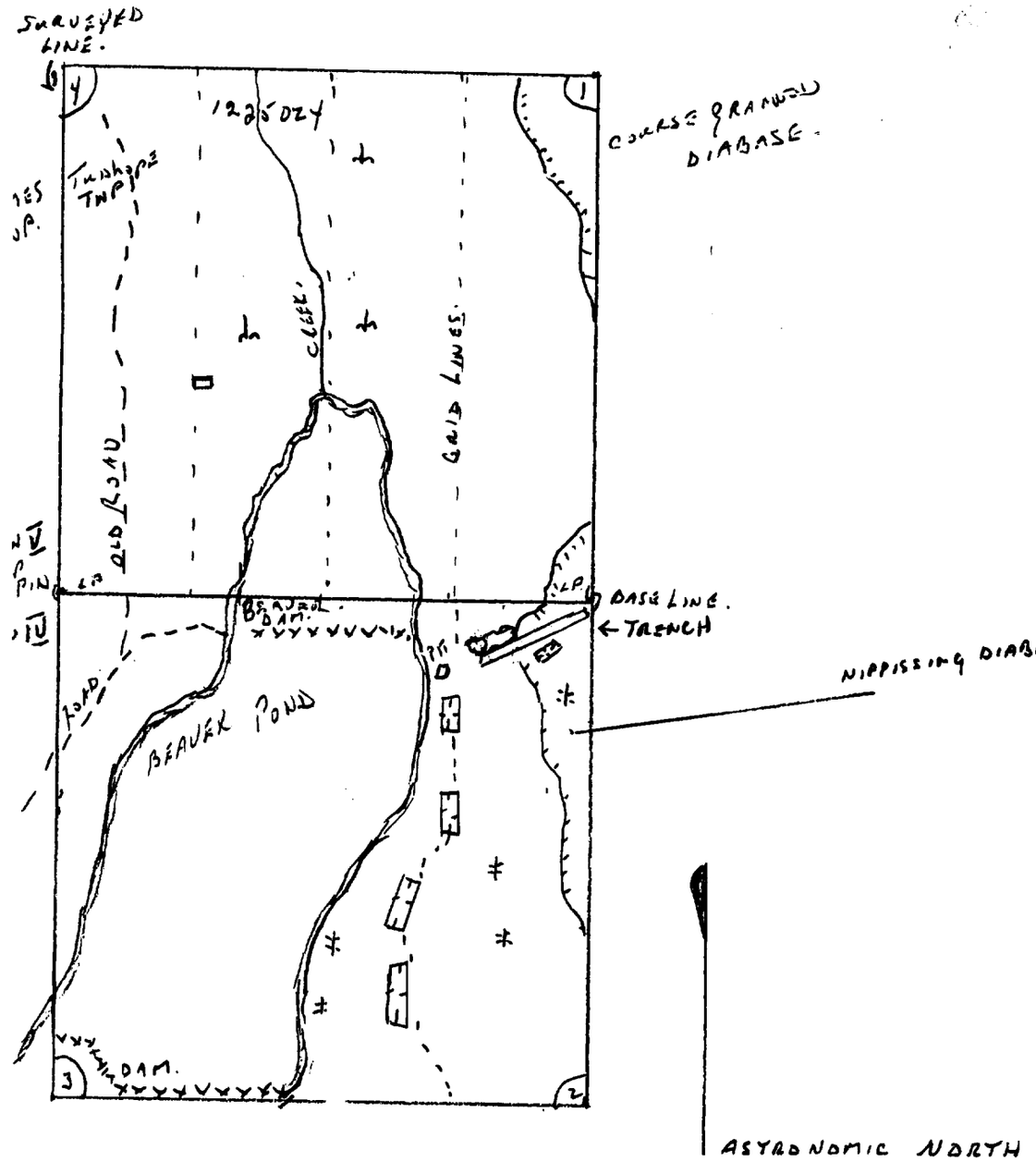
2 .22574



JAMES TOWNSHIP
1225024
494541
476735
1222673
1221958
494540
494538
494537
1225025
1217891
1222333
1221956
1217890
Hole Lake
1225518


GRID LINES.
- STN
CREEK
- FAULT.
N
ASTRONOMIC.
1222054
1225024
POND
OLD DAM
STN'S
CON III
CON IV
LOT 1
LOT 12
SURVEYED POINT.
JAMES. TWP.
TUDHOPE TWP.
0 50 100 150 200
SCALE 1:3000
METRIC.
BEAVER POND PROJECT
BY
GARFIELD PINKERTON
IC 21894
MAP #1

MAP #3



SCALE 1:5000 METRIC.

Symbols.

- BEAVER DAM.
- ROAD
- MUCK PILE
- TRENCH.
- SHAFT
- STRIPPED AREA
- CUT OVER AREA.
- PIT.
- ROCK OUTCROP.

MED TO DENSE FOREST

BEAVER POND PROJECT
BY
GANFIELD PINKERTON
IC21894

REPORT

ON

MaxMin EM
&
MAGNETIC TOTAL FIELD SURVEY

(September 1999)

Beaver Pond Property

James & Tudhope Townships
Larder Lake Mining Division
North-eastern Ontario

NTS
41P/NE

UTM
Grid Zone 17, NAD. 27

For

Garfield Pinkerton

Douglas Robinson P. Eng.
Doug Robinson Consulting

REGISTERED PROFESSIONAL ENGINEER
D ROBINSON
PROVINCE OF ONTARIO

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LIST OF TABLES & FIGURES

1.0 SUMMARY

This exploration project of the Beaver Pond Property east of Elk Lake, Ontario included MaxMin (EM) and total field strength magnetic surveys on a grid cut by Garfield Pinkerton. The author supervised the geophysics and prepared this report. Positive results of this exploration program include the identification of exploration targets and the identification of structural trends that may define structural breaks of the type that control copper-gold mineralization.

2.0 LOCATION AND ACCESS

The property is centred at 5785680 mN and 0554350 mE (NTS 41P/NE, approximately 4.0 km north east of Elk Lake, Ontario.

The property is accessed via Highway 65 leading 3.5 km southeast from the Montreal River Bridge in Elk Lake. Proceed 3 km via dirt road east and northeast from Highway 65 to a cut survey line dividing James and Tudhope townships. Proceed 125 m north along the survey line to 000E-000N of the grid. The road also ends near 100E of the base line.

3.0 PHYSIOGRAPHY AND VEGETATION

The property is relatively flat with moderately sloping hills. Relief is generally less than 25 metres. Approximately 25-50% of the surveyed area is outcrop or shallow overburden. Boreal forest provides the main forest cover.

4.0 REGIONAL AND PROPERTY GEOLOGY

The property is located in Nipissing diabase. Auriferous chalcopyrite-bornite veins are the targeted mineralization.

Auriferous chalcopyrite-bornite veins of the Elk Lake area typically occur in diabase.

Garfield Pinkerton reports a hole drilled north, north east from approximately 010E-075N intersected 7 feet of chalcopyrite from 163->170 feet. Two casings at this location appear to have attitude 000 and 020 azimuth at a 45-50 degree dip (visual estimate, casing and casing locations not measured by author).

The diabase typically consists of nonmagnetic to weakly magnetic phases, and strongly magnetic phases phasing with 1-5% magnetite. The magnetic phase is commonly in the coarse grained upper portion of diabase intrusions.

See MNDM maps 2484 & 2543 for regional geology.

5.0 EXPLORATION RATIONAL

MaxMin Survey

The MaxMin survey targeted:

a. structural breaks of that may host or controlat may host or control gold (frequency 3555 Hz).
a. vein and/or stockwork-massive sulphide mineralization (frequency 888 and 3555 Hz).

The 3555 Hz frequency responds to both structural breaks and vein-stockwork-massive sulphide mineralization at shallow depths. The 888 Hz responds predominantly to vein-stockwork-massive sulphide mineralization and graphite. A null response of the 888 Hz frequency relative to a moderate to strong 3555 Hz response eliminates sulphides and graphite as the cause.

Disseminated sulphides or vein sulphides that lack intergranular electrical continuity are not expected to respond to an EM survey. Isolated sulphide grains that are not connected do not generate a detectable response.

Magnetic Survey

This magnetic survey targeted:

- Magnetically neutral rocks associated with magnetite destructive alteration-deformation that could host auriferous copper.
- Shifts of magnetic fabric-trends across linear features.
- Subdued magnetic fabrics over bedrock depressions.

6.0 EXPLORATION PROGRAM

Results of the topographic, MaxMin 3555 & 888 Hz and magnetic surveys are plotted on 1:2500 scale profiles. The magnetic profiles at 1:2000 scale with an expanded vertical scale of 200 nT/cm are plotted on separate sheets. The magnetic data is supplied in a 1:2500 scale contour map. A 1:2500 scale compilation map is also provided.

Chalcopyrite-bornite veins observed on the property have narrow alteration zones that are not expected to influence magnetic surveys directly; however these veins may be spacially related to structural breaks that disrupt or offset the magnetic fabric of the property. Also alteration along breaks may be magnetically neutral rocks. Also topographic depressions masking/reducing the magnetic relief may follow structural breaks.

Grid

Garfield Pinkerton cut a metric grid consisting of 100 spaced lines with pickets spaced at 25-m intervals. Intermediate lines 050W and 050E were cut in the area of known mineralization. Line 000E crossed a zone of several chalcopyrite-bornite veins near 075->100N. Line 050E cross over a capped shaft at 355N.

000E-000N of the grid is located 3 m east of the survey monument marking the corner of concessions IV and V of James and Tudhope townships and Lot 1 in James and Lot 12 in Tudhope townships. This monument is a round disk marked "Ontario Crown Land Survey, 1955".

The grid is true north as defined by the township survey line.

Magnetic Survey

The author of this report conducted a total field strength magnetic survey of the property September 23, 1999. A Scintrex Envimag in walkmag mode was used. Magnetic readings at 2 second intervals were measured along lines 400W->400E, 000N and 400N. This 2 second interval rendered readings spaced at approximately two-meter intervals.

Base stations were established along the Base Line 0+00N at 100-m intervals, at the intersection of each grid line. Each base reading was established standing on the east side of the picket while facing north. See appendices for base station values.

The survey traverses were interrupted at the base line to measure the base stations. Strong magnetic gradients render half the base stations unreliable. All base station readings were within 12 nT of established base station values thus no correction were made to the magnetic data.

Interpretation was performed from 1:2000 profiles. A 1:2500 contour plan is provided to supplement the profiles.

Line 000 was repeated to establish reproducibility of the survey and reported as Line 000E-X.

Topographic Survey

Topography measurements by Suunto clinometer were used to maintain the transmitter and receiver coils coplanar during the survey. This process was used to eliminate topographic noise that can result in weak responses being overwhelmed by topographic effects. Weak responses encountered appear to have real sources; either due to bedrock or surficial deposits.

The topography was plotted at 1:2500 scale on the EM-Magnetic profile sheets and the notes were included in the typed EM notes included in this report

MaxMin Survey

The MaxMin EM survey was performed by Doug Robinson Consulting September 23, 1999. All frequencies and the topography profiles were plotted in stacked format to best facilitate interpretation of the responses. The locations of EM responses were transferred to magnetic profiles and the 1:2500 compilation map included in this report.

EM notes were typed and included in the report.

7.0 DISCUSSION OF RESULTS

Magnetic Survey

The magnetic signature of the grid consists of both extreme and low magnetic relief. The extreme magnetic relief appears to be restricted to shallow overburden and outcrop areas. Many outcrop areas also appear to

have low magnetic relief. Broad magnetic highs and lows in swampy areas indicate these magnetic fabrics are masked by the averaging effect of elevation above the bedrock surface. This effect is expected to occur in deep glacial deposits as well. This masking is evident on line 300E which is a moderate hill of glacial deposits.

Lines 400W and 300W have extreme magnetic relief over shallow overburden and outcrop areas. Lines 100W (north of 234N) and Line 050W (north of 306N) have similar extreme magnetic relief. Together these four lines mark a possible 060 azimuth magnetic trend. Line 200W is swamp; indicating deep overburden masks the short wavelength magnetic signature typical over shallow overburden.

Extreme magnetic lows (6-25m wide) may be over diabase having reversed magnetic polarity. These rocks may be naturally magnetic similar to the rocks having strong positive magnetic responses.

If diabase phases with reversed magnetic polarity exist, many magnetic lows may be located over these magnetic phases of the diabase. If this is the case: the mid point between magnetic highs and lows may represent an apparent magnetic neutrality.

Two broad swamps with typically low magnetic relief and low total magnetic field values indicate possible bedrock features striking 145-160 azimuth. These appear to cross the 400N tie line at approximately 264W and 171E.

Along Line 000E, a trench on a chalcopyrite-bornite vein system appears to be located at an apparent strong magnetic break. A 3555 Hz Quadrature Phase located at 112N appears to be at a the north edge of a magnetic phase with magnetically neutral rock to the north.

Line 050E has magnetic breaks at 138N and 314N (298N?) that may indicate phase contacts or structural breaks.

A magnetic break may exist extending from 100W-140N -> 050W-114N -> 000E-089 -> 050E-051N -> 100E -> 037N.

MaxMin Survey

The 888 Hz frequency was quiet, detecting no bedrock responses expected from sulphides and/or graphite having lateral continuity.

The 3555 Hz frequency produced weak responses indicating bedrock structure or subsurface topographic feature are present on lines 050W and 000E as tabulated below:

Line 050W	
125->150N	3555 Hz Weak but distinct QP Response. Possible bedrock feature. Located directly south of swampy area.
Line 000E	
112N	3555 Hz Weak but distinct QP Response. Possible bedrock feature.
Line 050E	No response
Line 100E	No response

No response was encountered directly associated with the chalcopyrite-bornite showing south of 050E-100N. The mineralization appears not to be electrically continuous. This observation lead to cancelling the survey pending an evaluation of the project.

The author has observed that silver veins within the diabase of the Cobalt mining camp frequently have electrical continuity within the veins. Other silver veins in Huronian sediment of North Cobalt appear to lack this electrical continuity.

Chalcopyrite is a brittle mineral. If it is fractured and cemented with vein calcite, a common feature in vein deposits, it may lose its apparent conductivity and not

respond to EM.

The 3555 Hz responses of lines 050W and 000E indicate a possible bedrock structure crossing these lines at 121 azimuth. This structure could be the structure that controlled emplacement of the mineralization.

Topographic Survey

Topography is relatively flat with moderately sloping hills

8.0 RECOMMENDATIONS

A hole should be drilled parallel to the hole located near 010E-075N to verify the reported 7 foot chalcopyrite intersection.

A grid Line should be cut from at 250N (from 400W->400E) and a MaxMin or IP survey (25 metre "a" spacing) performed to test for mineralization within the two broad depressions crossing line 400N at 264W and 171E. Typically diabase should form ridges not depressions. IP would test for mineralization that may not detectable by MaxMin.

Lines 050W and 000E should be checked to establish possible explanations for the weak 3555 Hz responses and to verify these responses are offset from the swamp in this area.

A 90 m hole drilled north at -45 degree from line 050W-112N is warranted to test for mineralized structure between 125->150N.

A MaxMin survey of lines 200W and 100W would be useful

to establish the extent and strength of the EM response. The swampy area between lines 200W and 050W could result from a strong structure. Typically diabase should form ridges not depressions.

Apparent magnetic breaks should be mapped to establish potential structural targets for mineralization and veins.

The strong magnetic lows exceeding 5 metres width should be mapped using a pen magnet to establish if these are magnetically neutral or strongly magnetic rocks. This would aid interpretation of the magnetic profiles.

A sharp north-south trending cliff and deep bedrock depression between lines 000E and 050E indicate a structural break exists immediately east of the copper showing between 075N and 100N. Any cross lines to test this break should avoid the steep parts of this cliff as topography can cause:

- topographic noise in MaxMin readings
- apparent magnetic breaks where non-exist, where surveys pass over vertical cliffs in strong vertical magnetic gradients. This area appears to have a strong vertical magnetic gradient.

9.0 REFERENCES

MERQ-OGS, 1983. Lithostratigraphic Map of the Abitibi Subprovince;
Ontario Geological Survey/Ministere de l'Energie et des Ressources, Quebec; scale 1:500,000.

Map 2543. Bedrock Geology of Ontario East-central Sheet.
Ministry of Northern Development and Mines
Scale 1:1,000,000

CERTIFICATE OF QUALIFICATIONS

I, Douglas Robinson, of 24 Victoria Avenue, Swastika, Ontario hereby certify that:

1. I am a registered professional Engineer of the province of Ontario, No. 39322011.

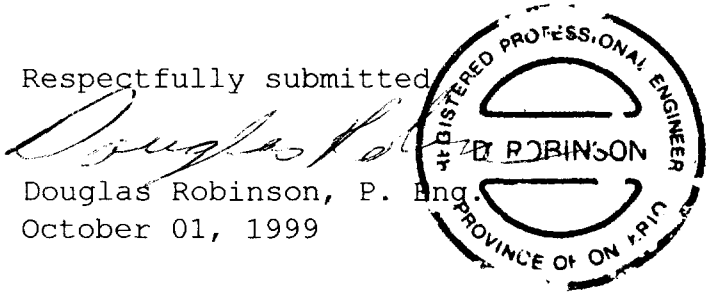
2. I am a graduate of Queen's University in Kingston Ontario with an Honours Bachelor of Science, Geological Engineering 1975, and
Northern College, School of Mines in Haileybury, Ontario, 1970.

3. I have been practising my profession since graduation.

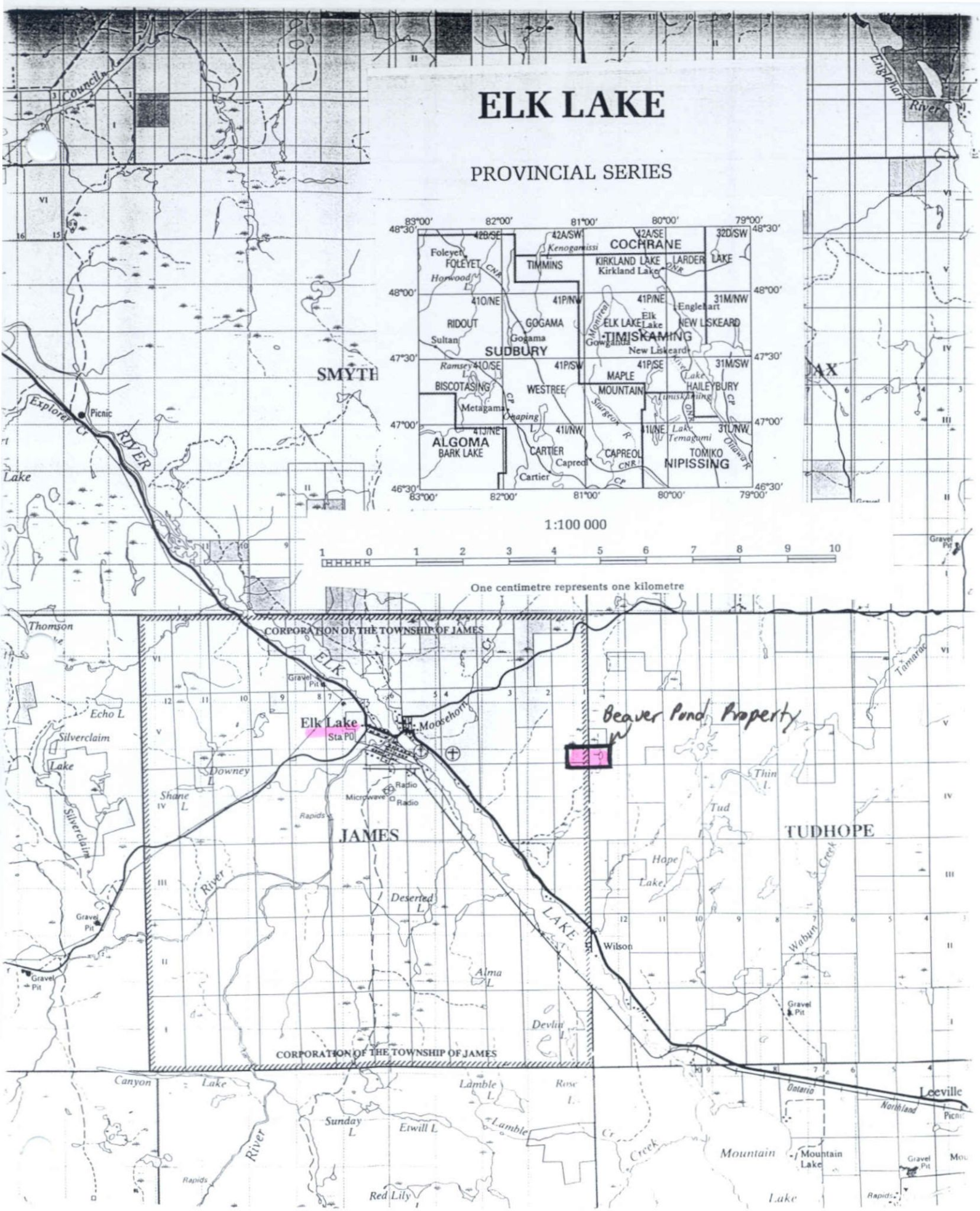
4. The information contained in this report is the result of work done by myself and the references cited.

5. I own no direct or indirect interests in and do not expect to receive any interests in the Beaver Pond Property.

Respectfully submitted

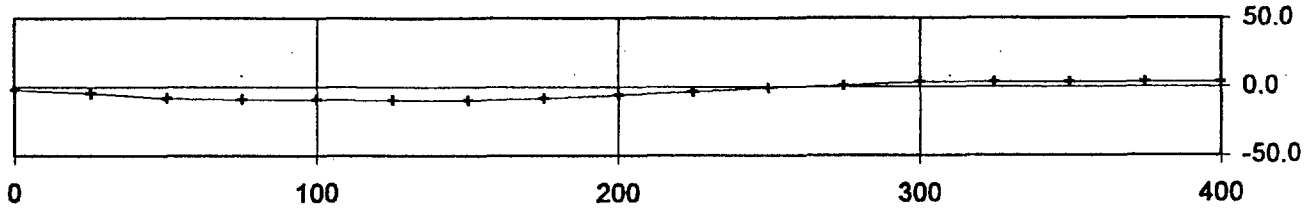


Douglas Robinson, P. Eng.
October 01, 1999

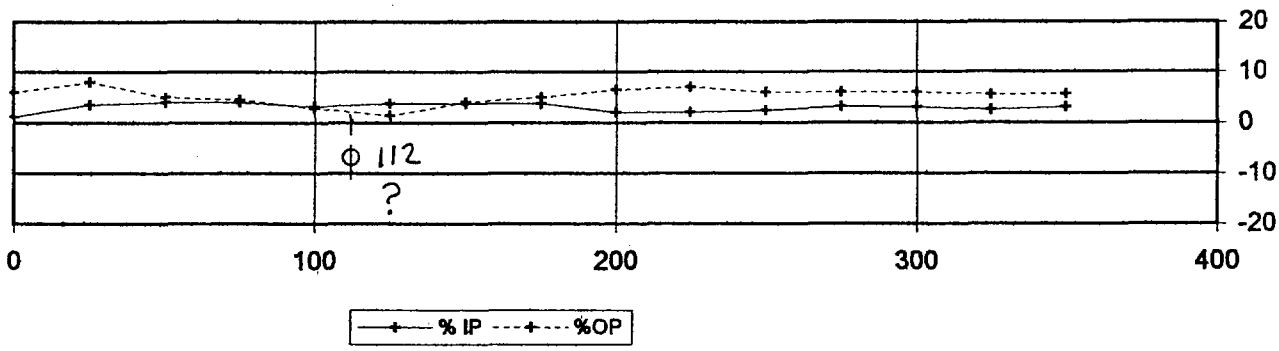


Location Map: (After Ministry of Natural Resources Elk Lake Provincial Series NTS 41P/NE)

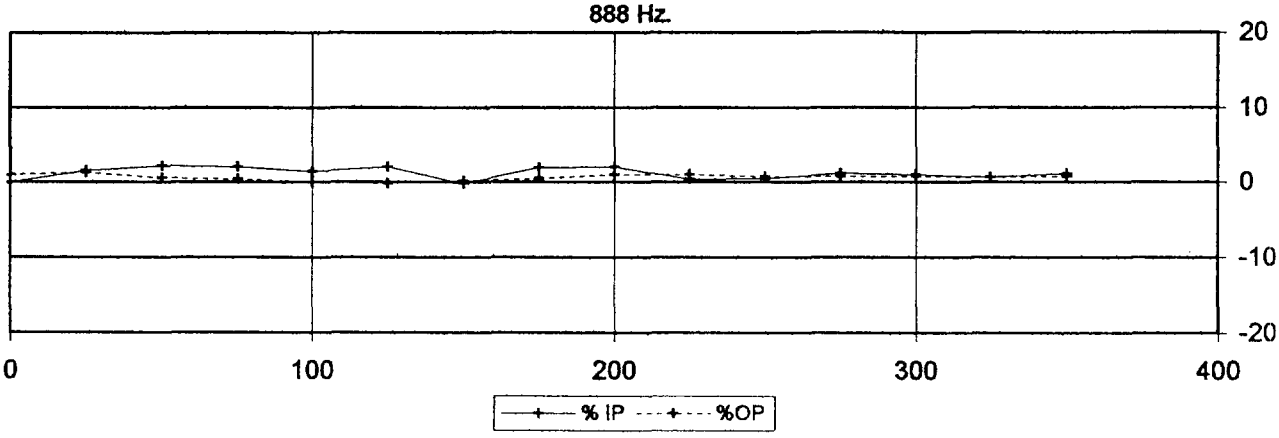
Topography



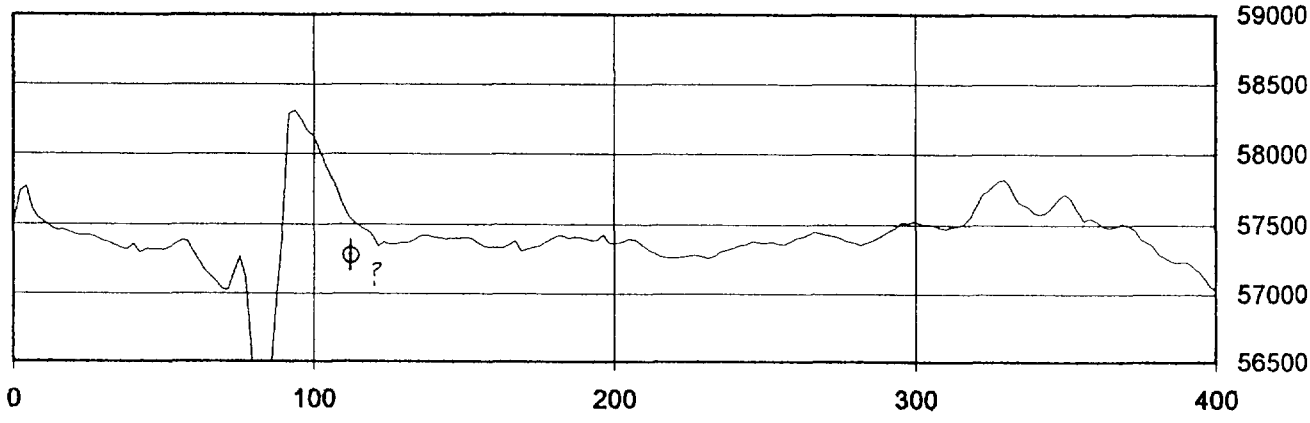
3555 Hz.



888 Hz.

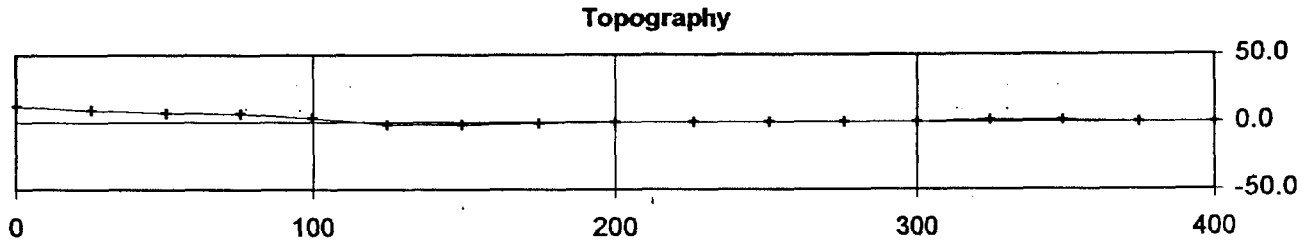


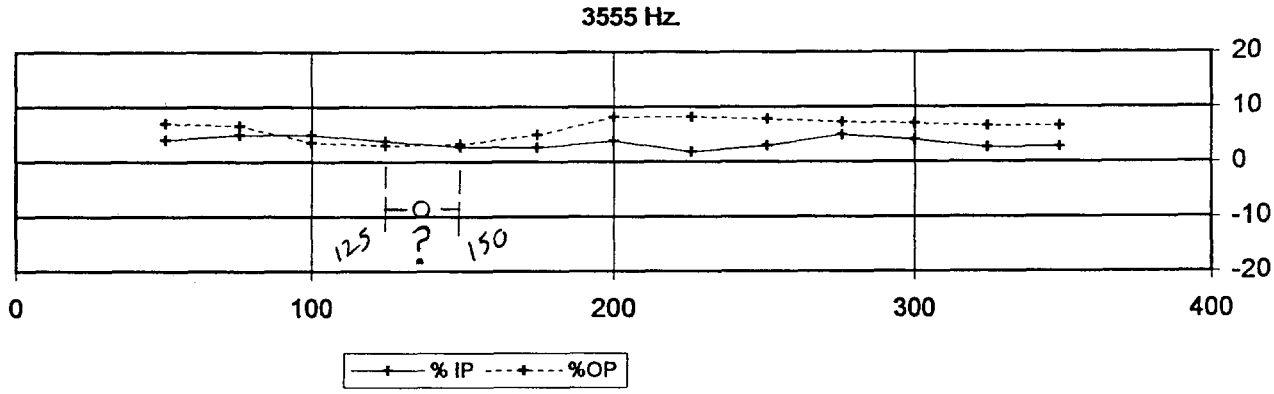
Total Magnetic Field Strength (nT)

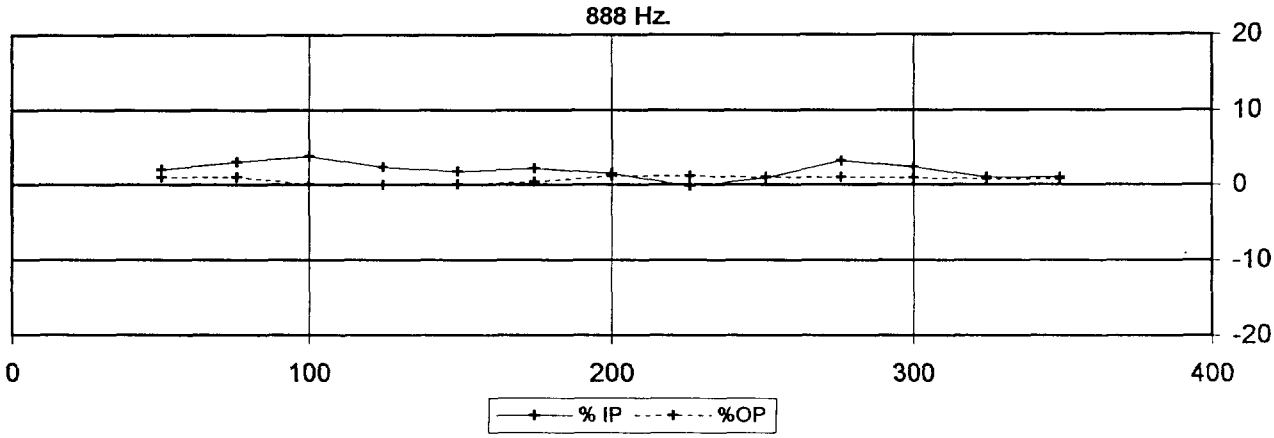


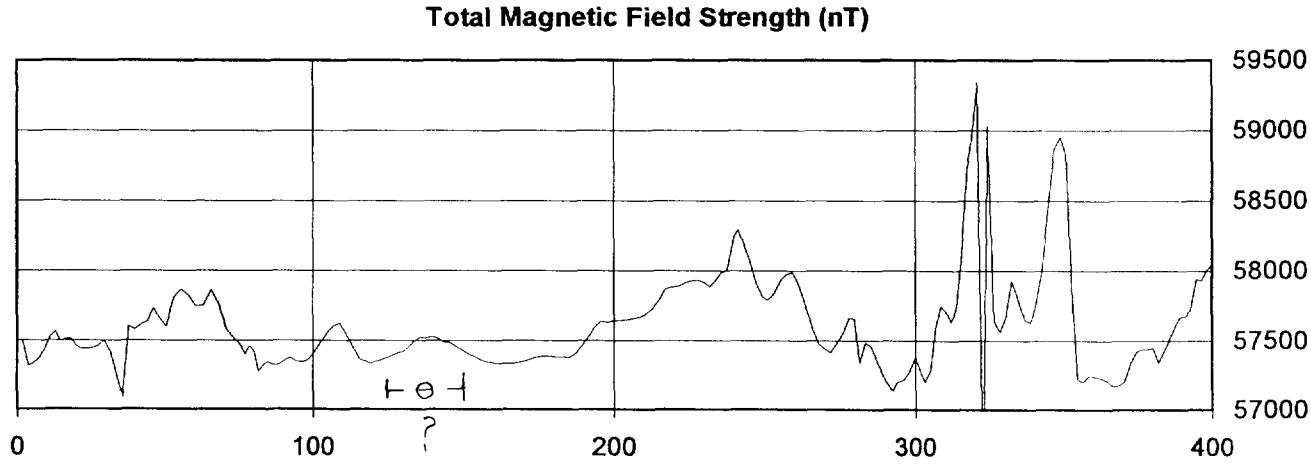
MaxMin: 100 m. Coil Seperation
Magnetometer: Walkmag Mode (2 Seconds)

Grid: Beaver Pond Property: James Twp.
Line: 000E



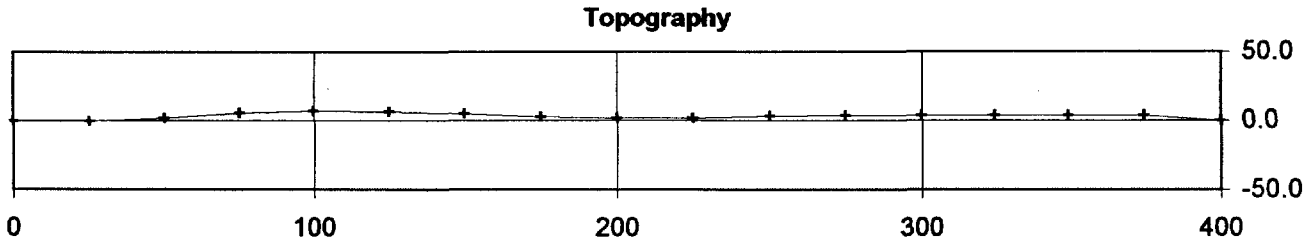


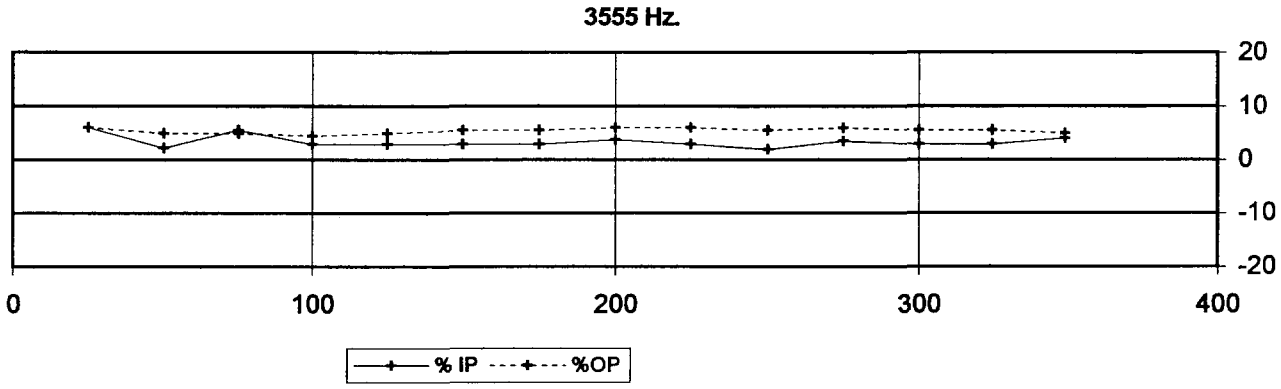


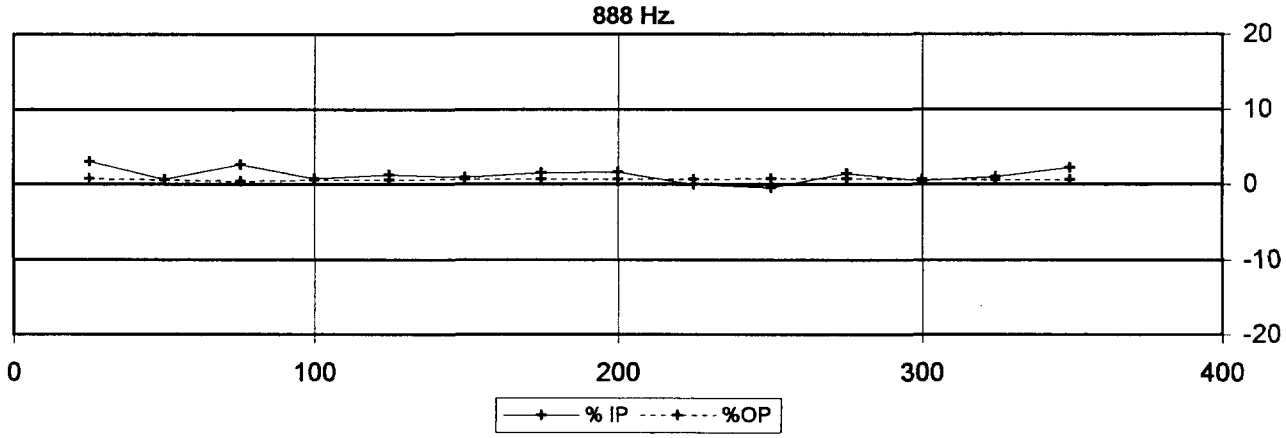


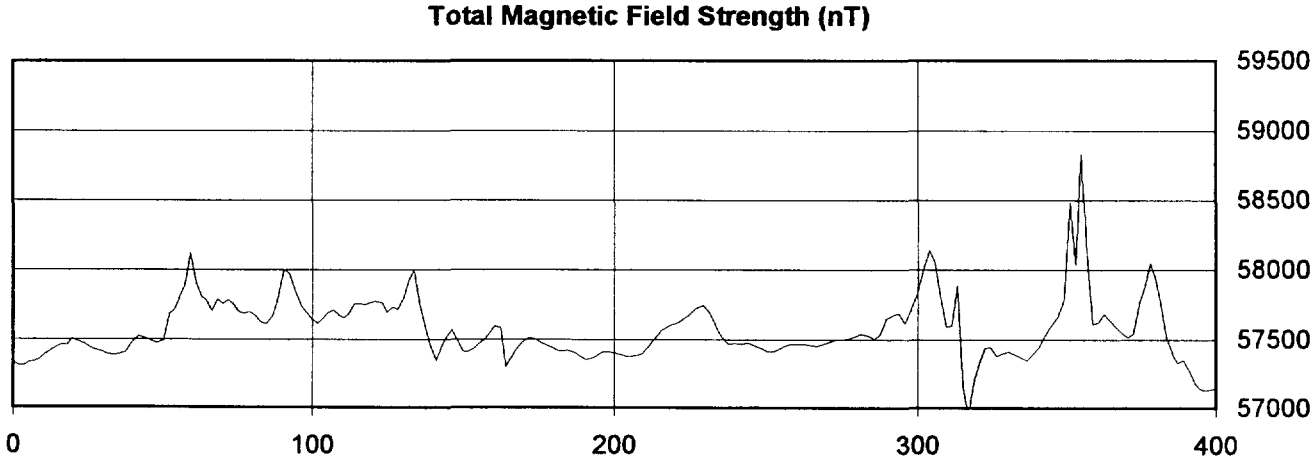
MaxMin: 100 m. Coil Seperation
Magnetometer: Walkmag Mode (2 Seconds)

Grid: Beaver Pond Property: James Twp.
Line: 050W





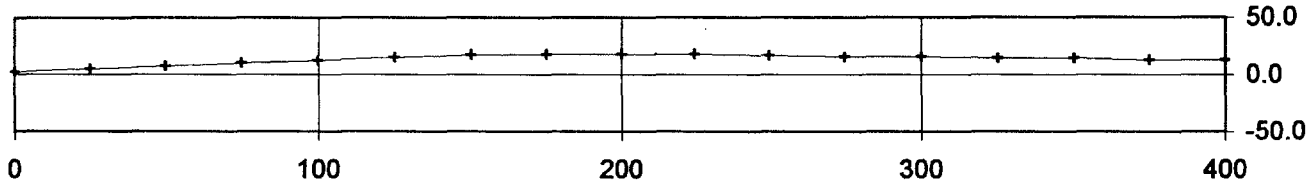




MaxMin: 100 m. Coil Seperation
Magnetometer: Walkmag Mode (2 Seconds)

Grid: **Beaver Pond Property: James Twp.**
Line: **050E**

Topography



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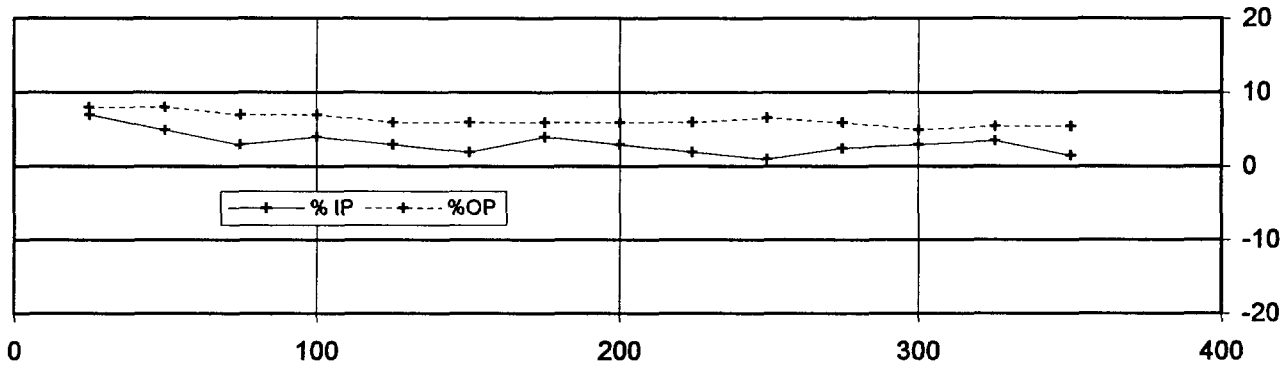
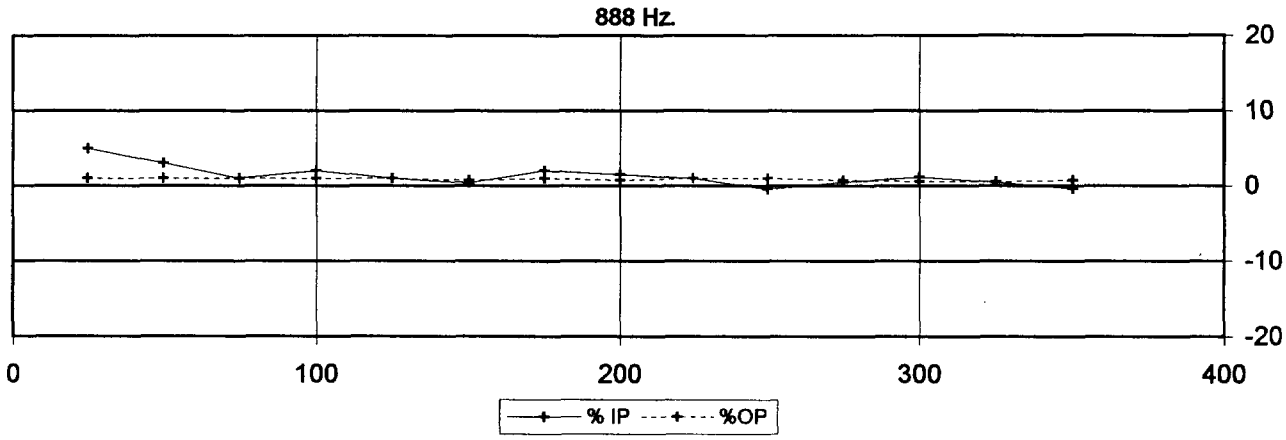
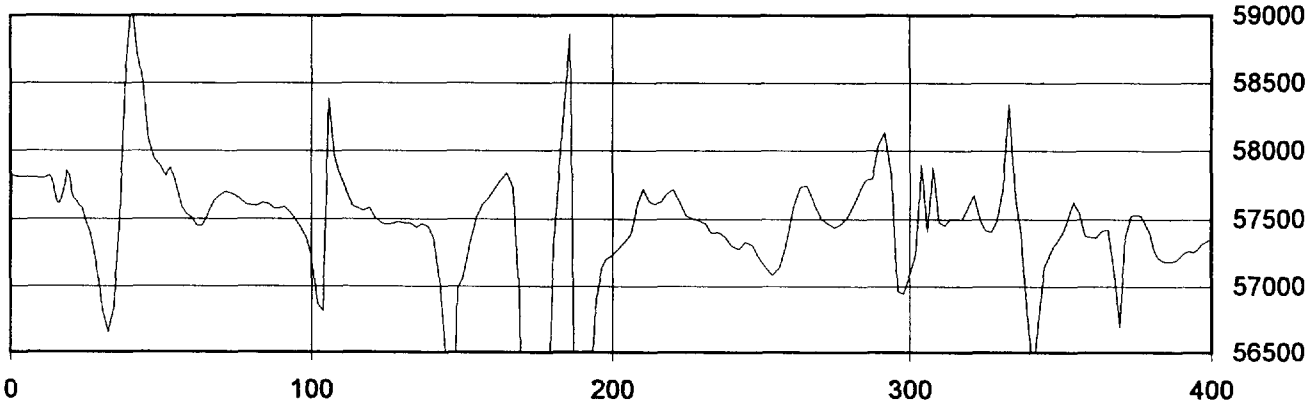


888 Hz.

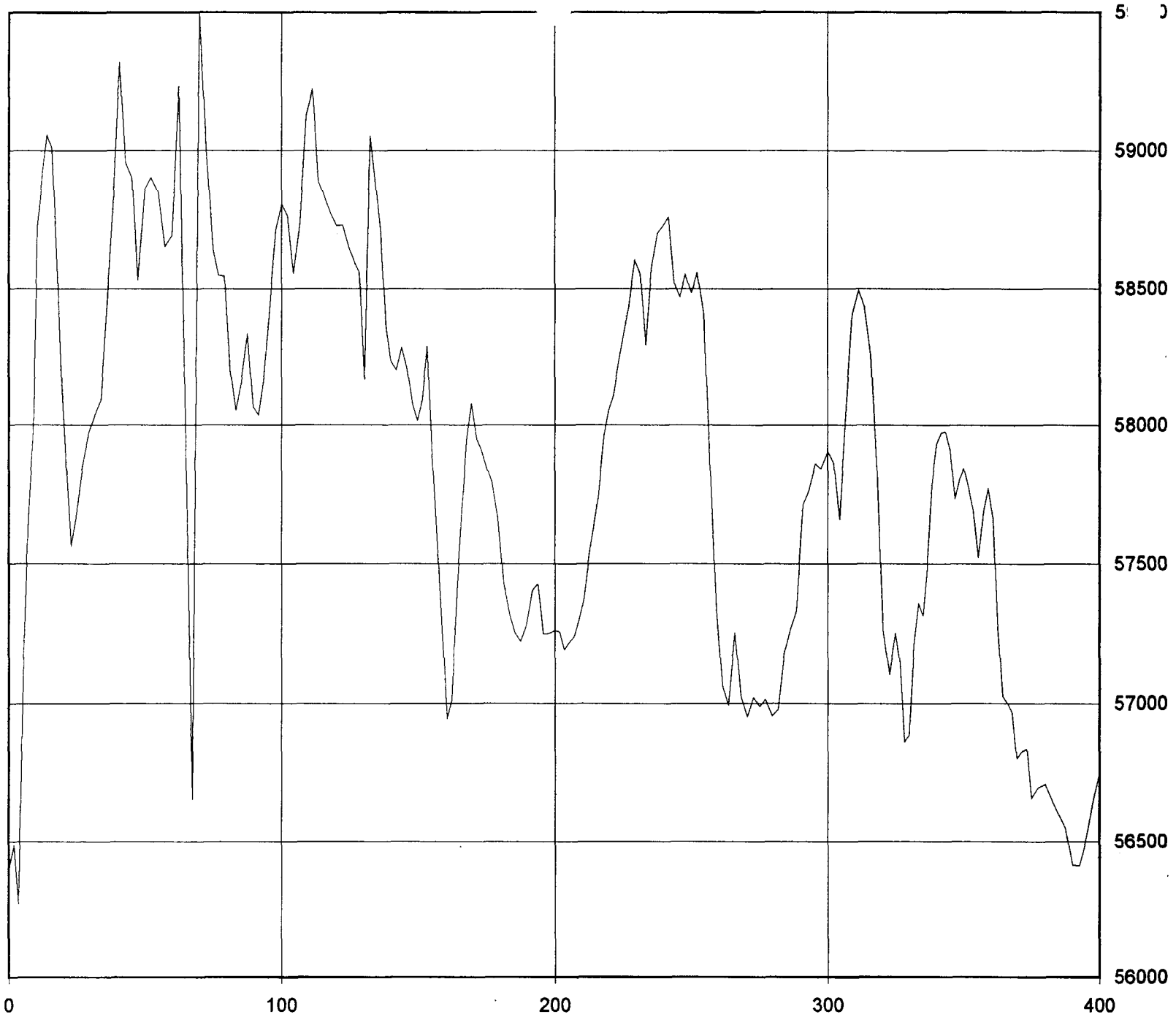


Total Magnetic Field Strength (nT)



MaxMin: 100 m. Coil Seperation
Magnetometer: Walkmag Mode (2 Seconds)

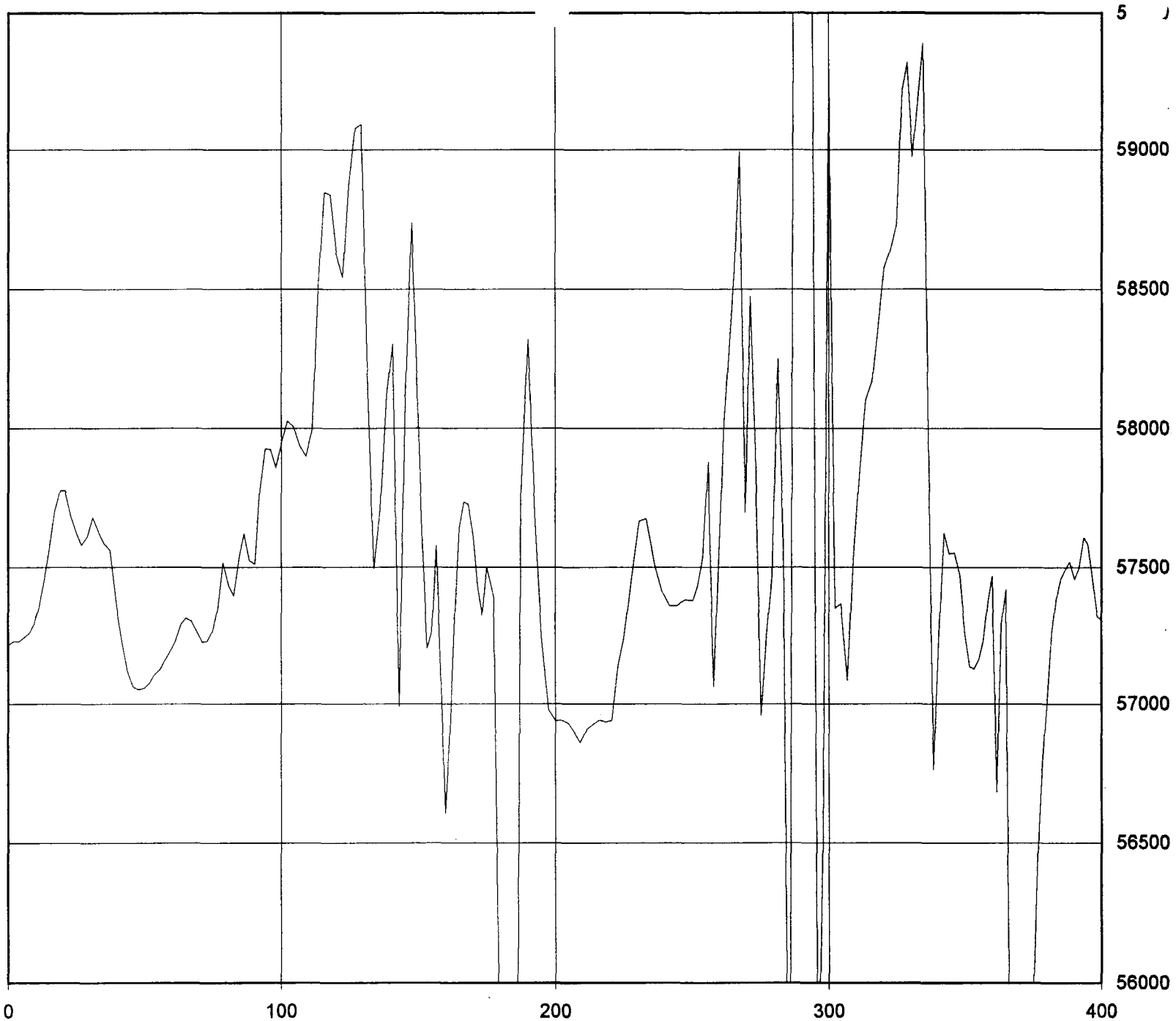
Grid: **Beaver Pond Property: James Twp.**
Line: **100E**



Total Magnetic Field Strength (100nT/cm)

Beaver Pond Property: James-Tudhope Twp **400W**

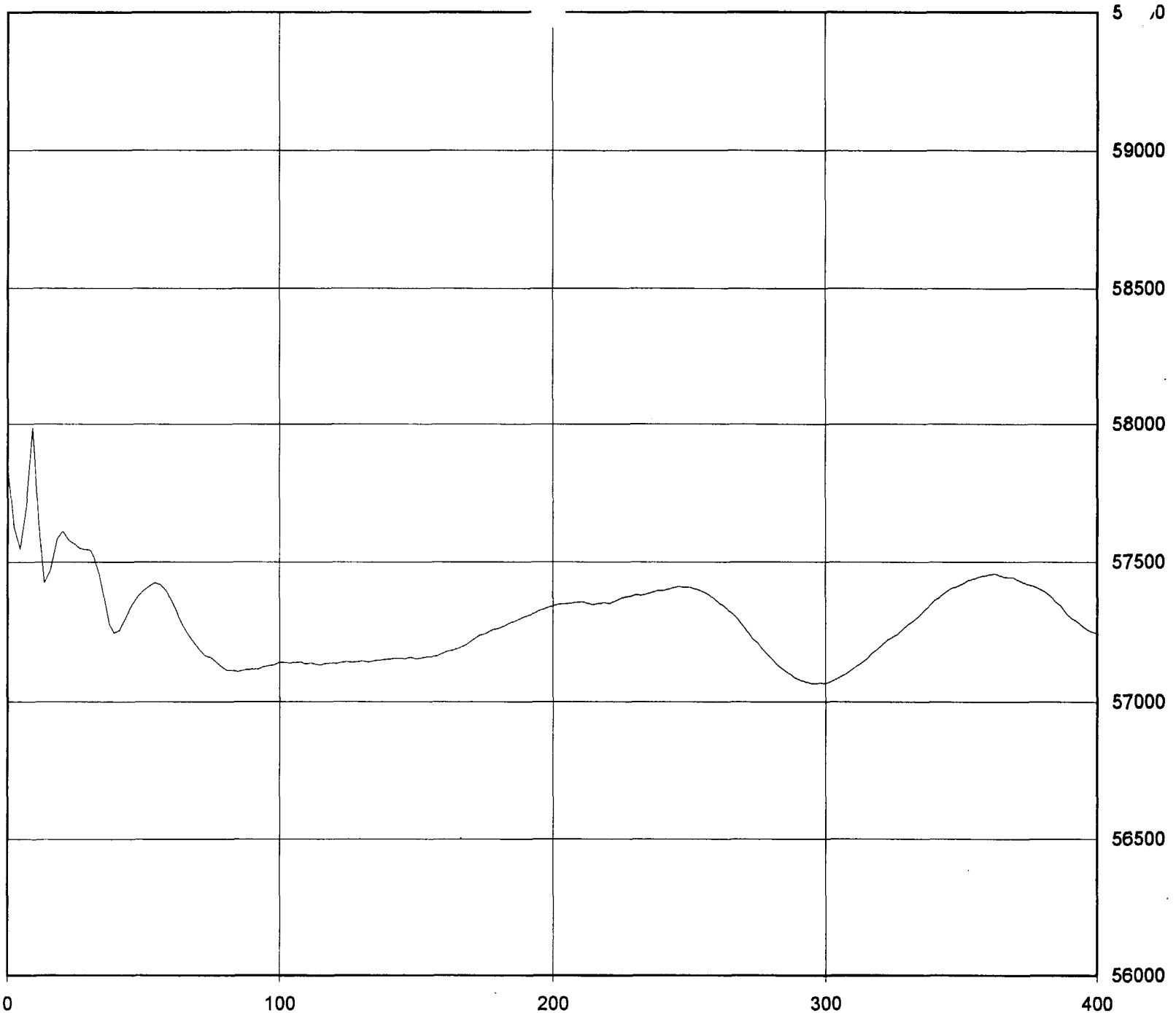
1:2000 Scale



Total Magnetic Field Strength (100nT/cm)

Beaver Pond Property: James-Tudhope Twp 300W

1:2000 Scale



Total Magnetic Field Strength (100nT/cm)

Beaver Pond Property: James-Tudhope Twp **200W**

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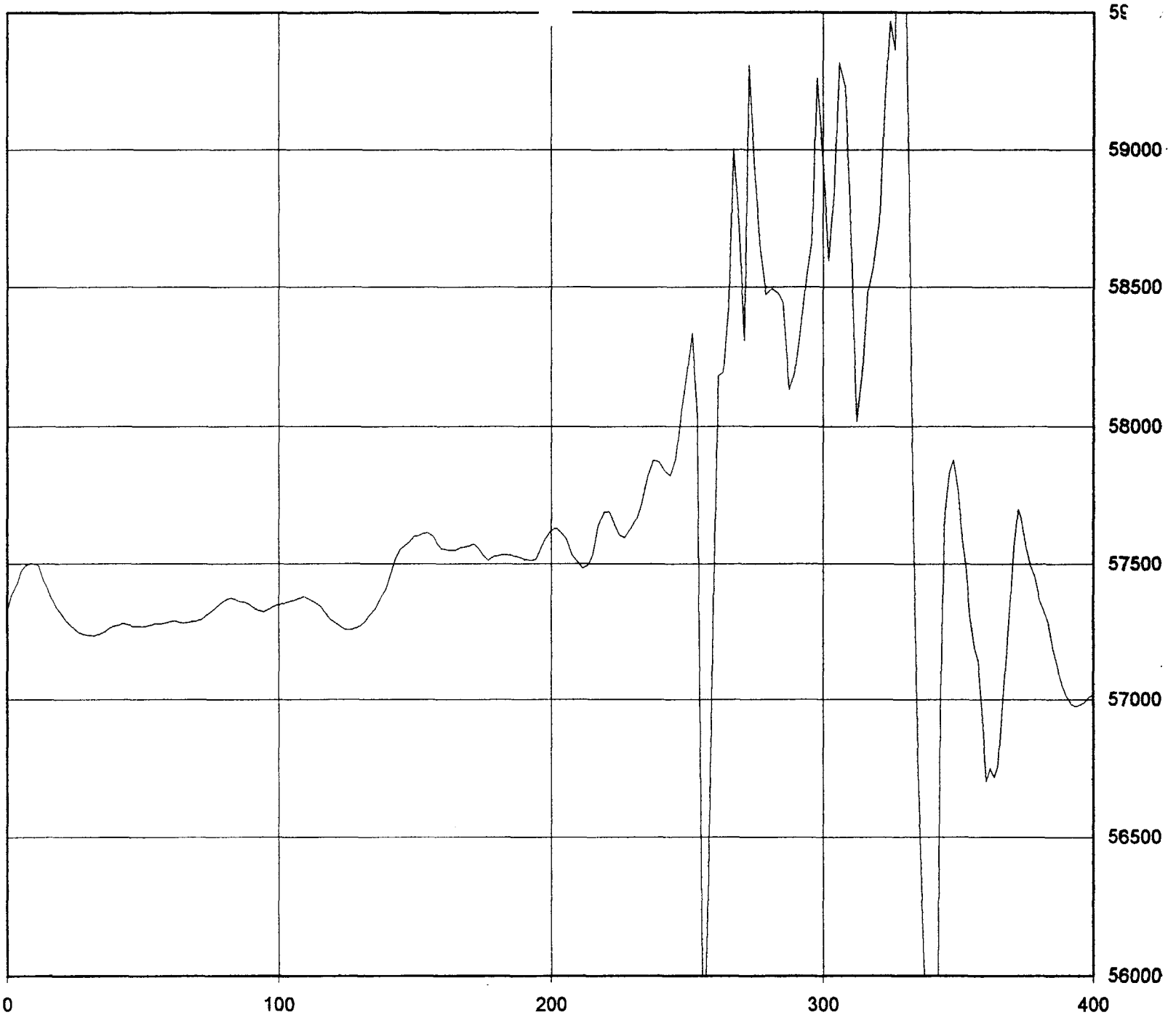
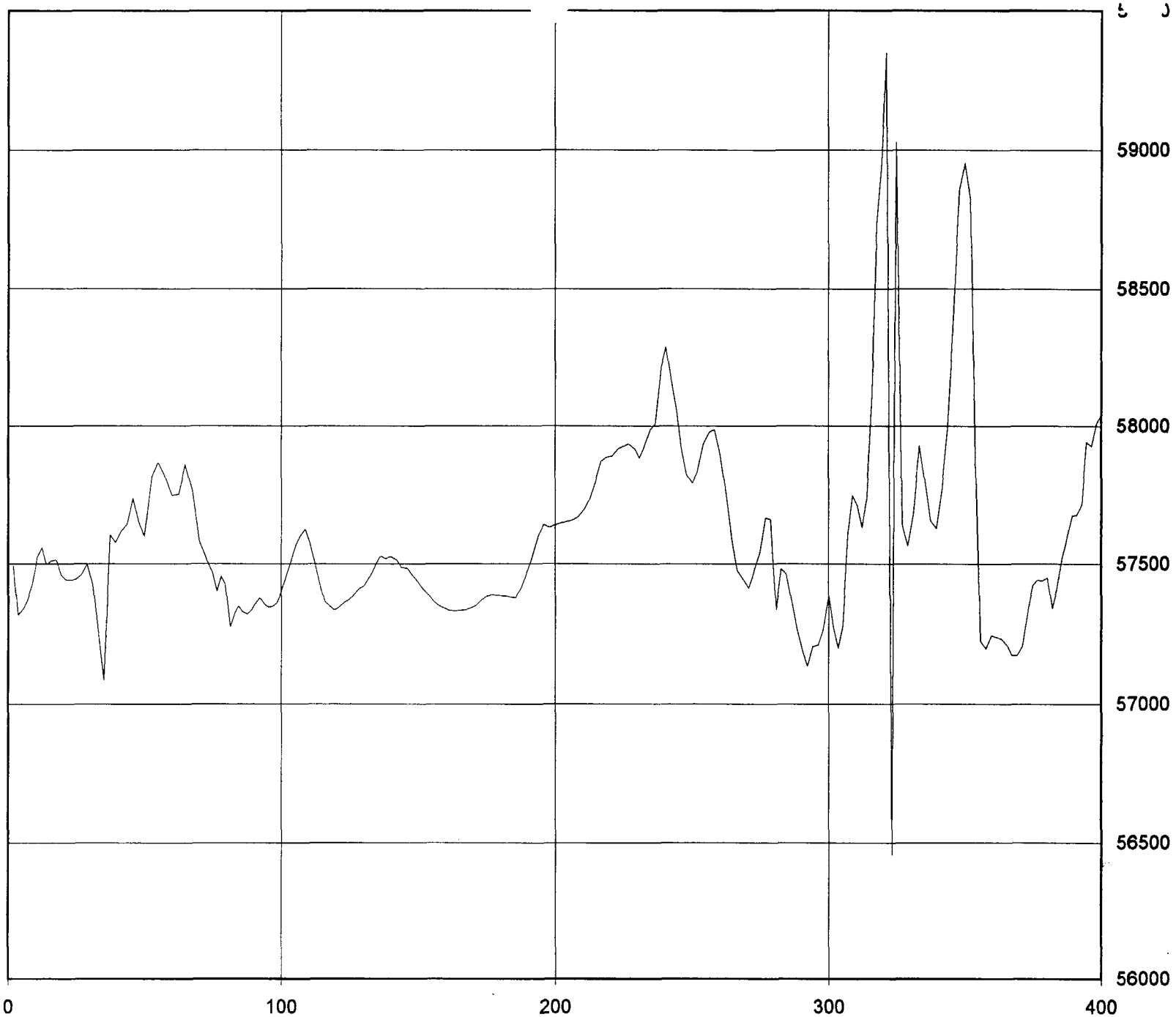


Total Magnetic Field Strength (100nT/cm)

Beaver Pond Property: James-Tudhope Twp **100W**

1:2000 Scale



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Beaver Pond Property: James-Tudhope Twp **050W**

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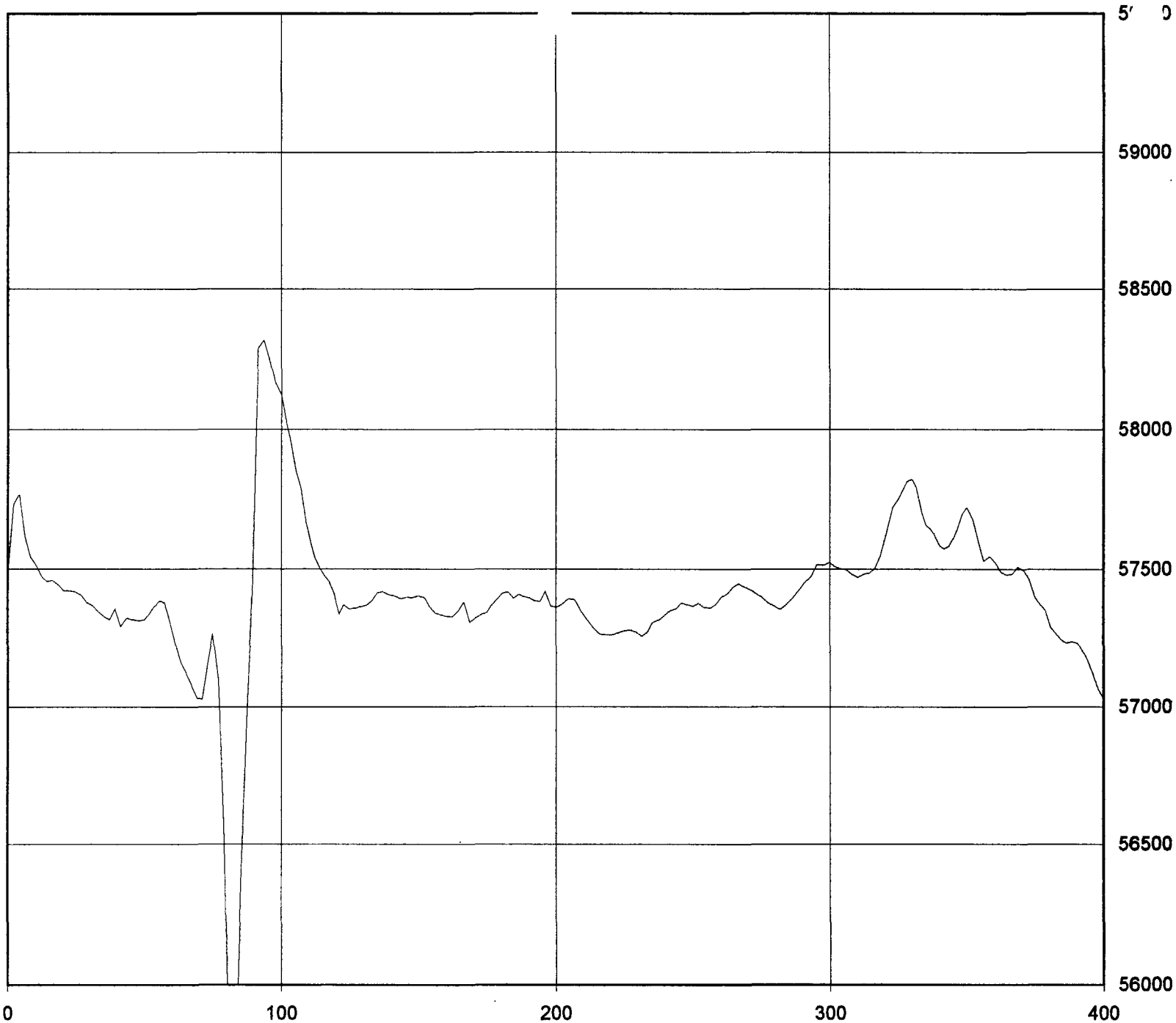
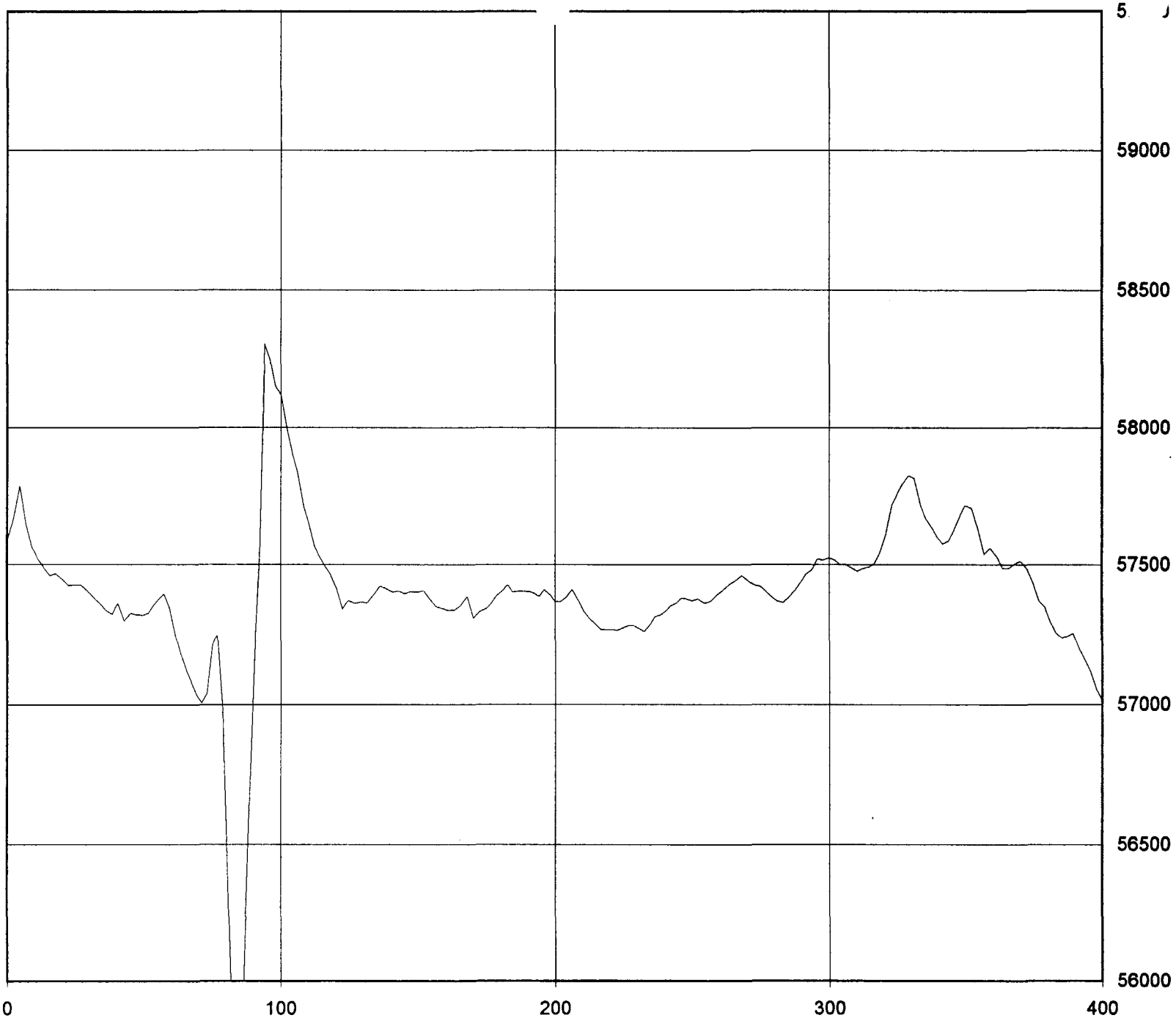


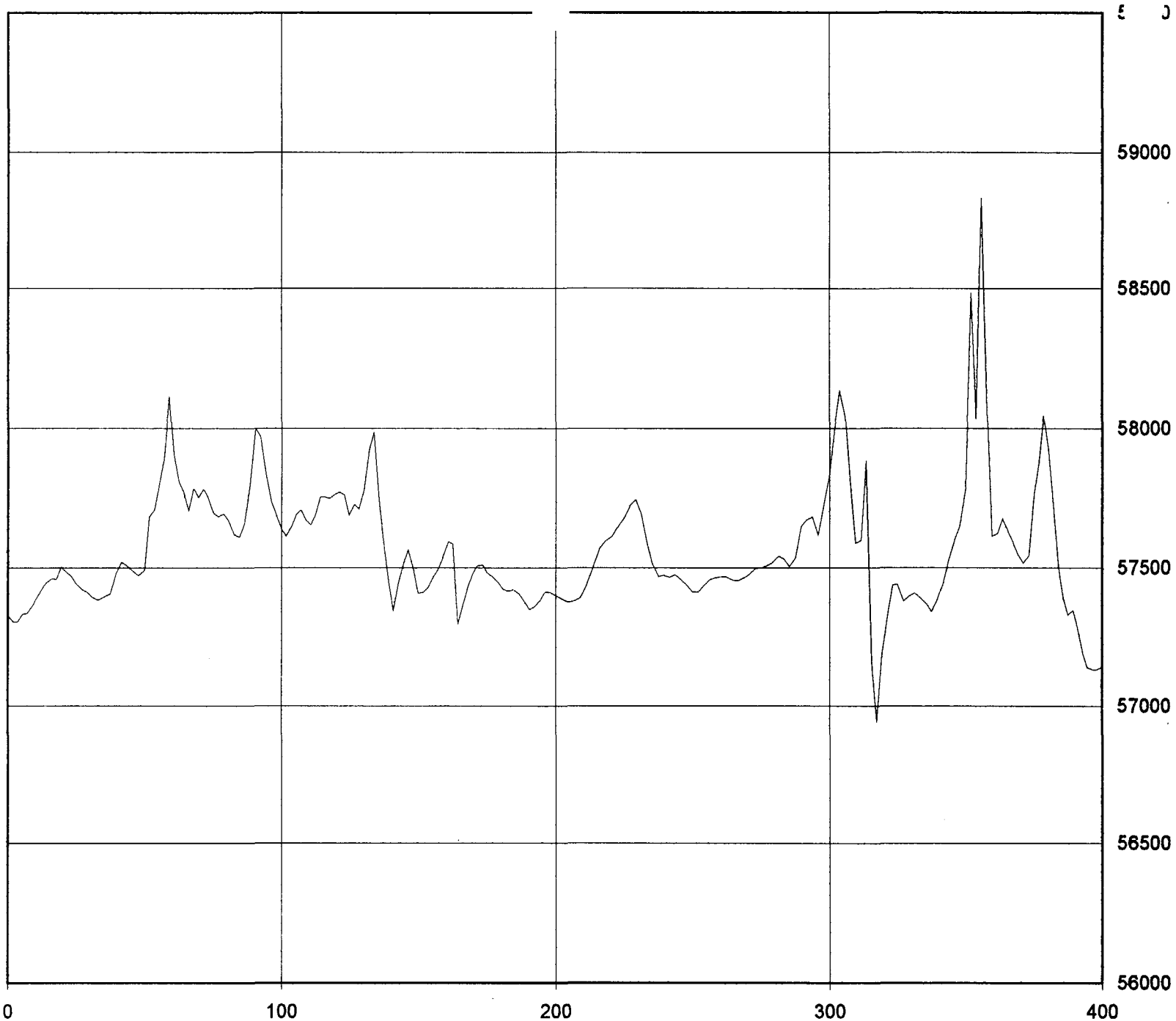
Total Magnetic Field Strength (100nT/cm)

Beaver Pond Property: James-Tudhope Twp 000E

1:2000 Scale



Total Magnetic Field Strength (100nT/cm)
Beaver Pond Property: James-Tudhope Twp 000E-X
1:2000 Scale



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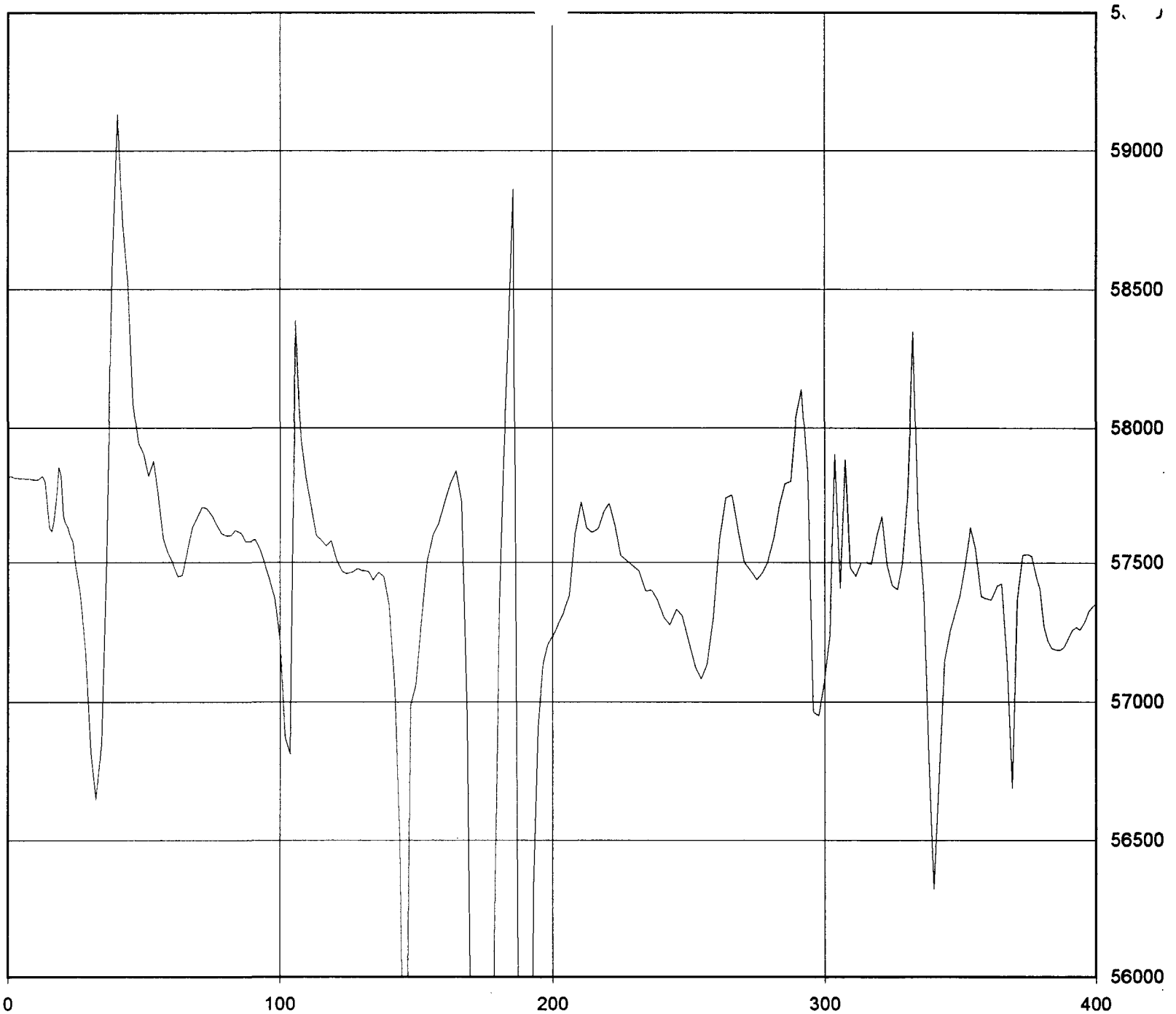
Beaver Pond Property: James-Tudhope Twp **050E**

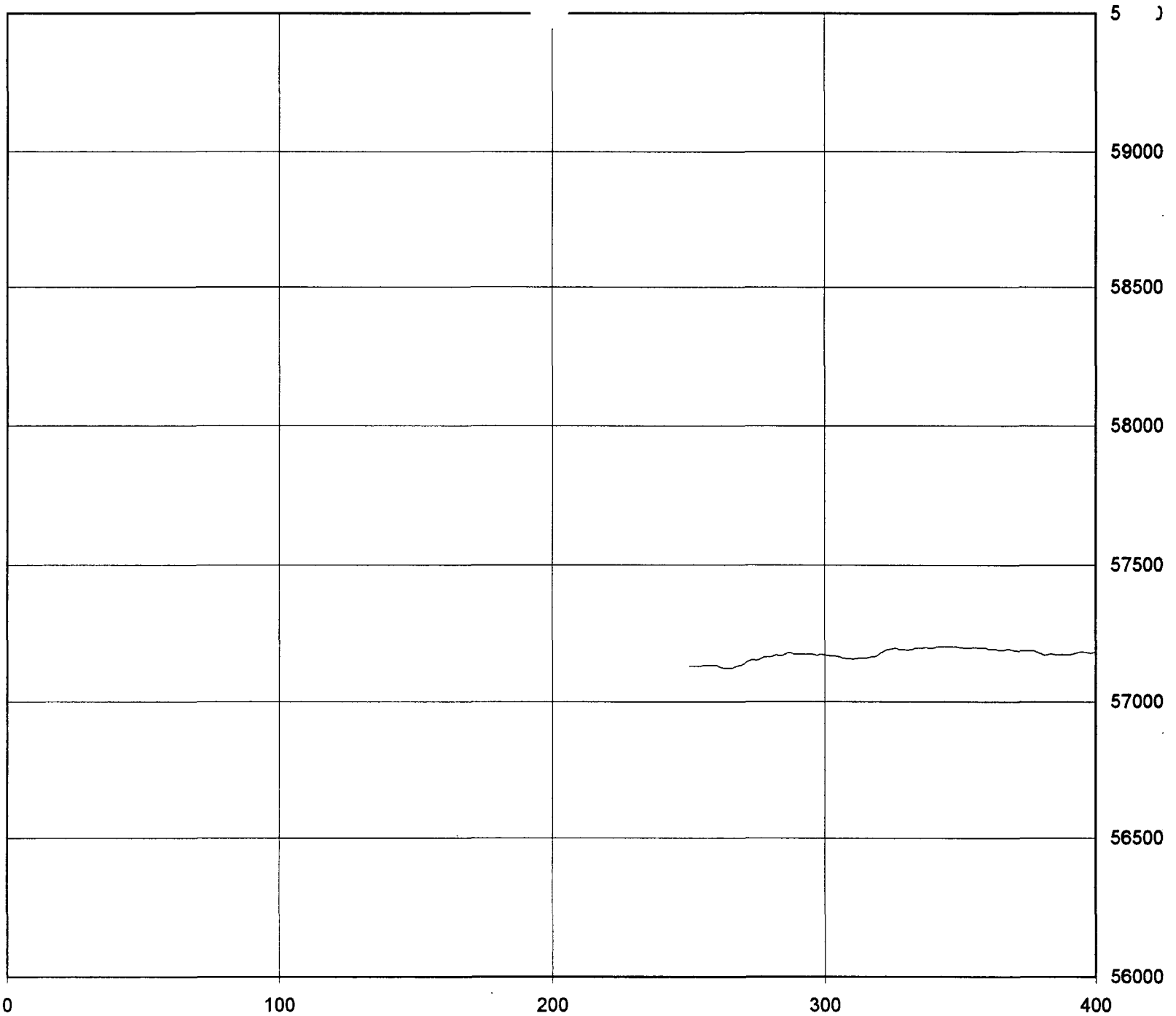
1:2000 Scale



Total Magnetic Field Strength (100nT/cm)

Beaver Pond Property: James-Tudhope Twp 100E

1:2000 Scale



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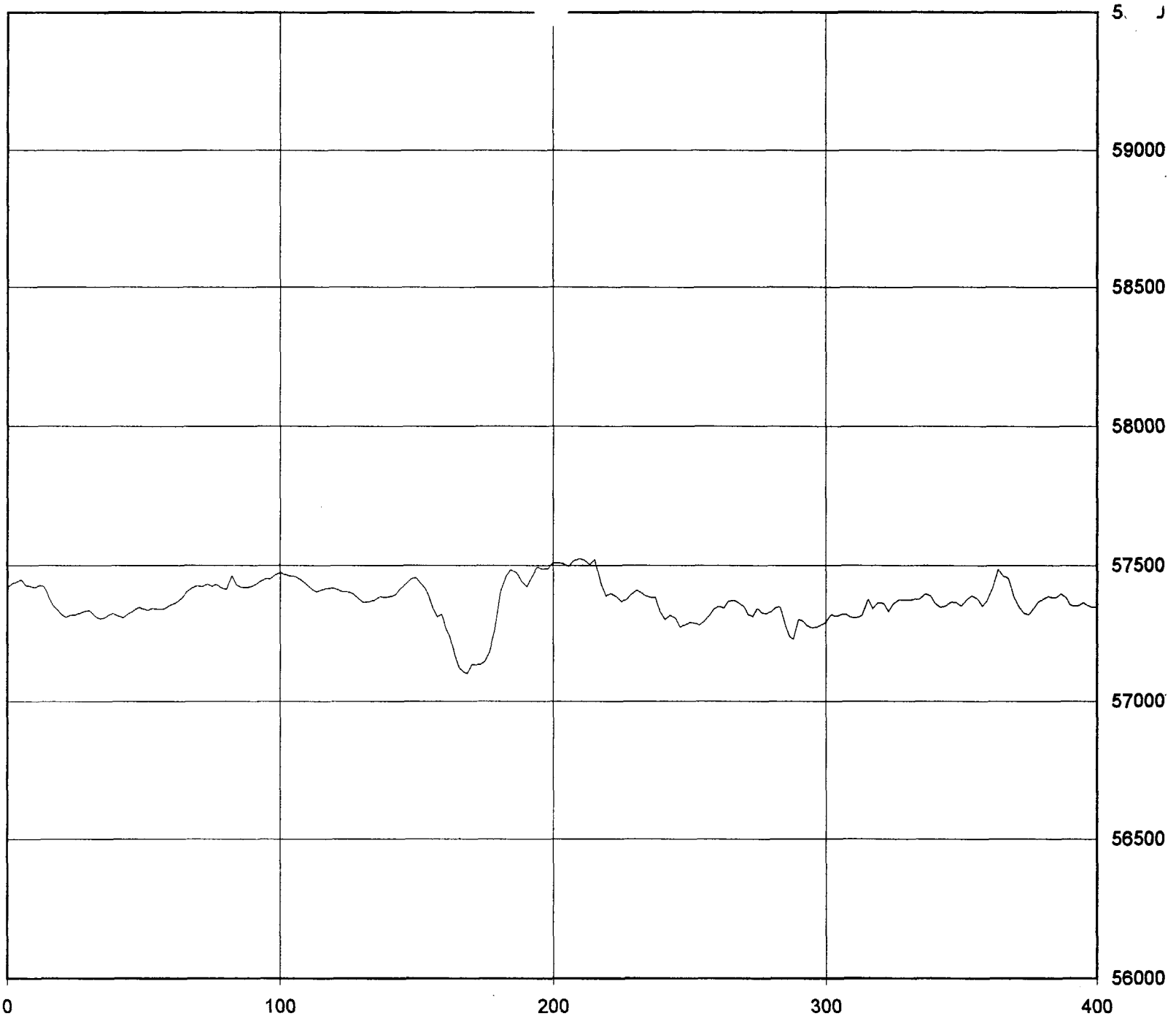
Beaver Pond Property: James-Tudhope Twp **200E**

1:2000 Scale



Total Magnetic Field Strength (100nT/cm)

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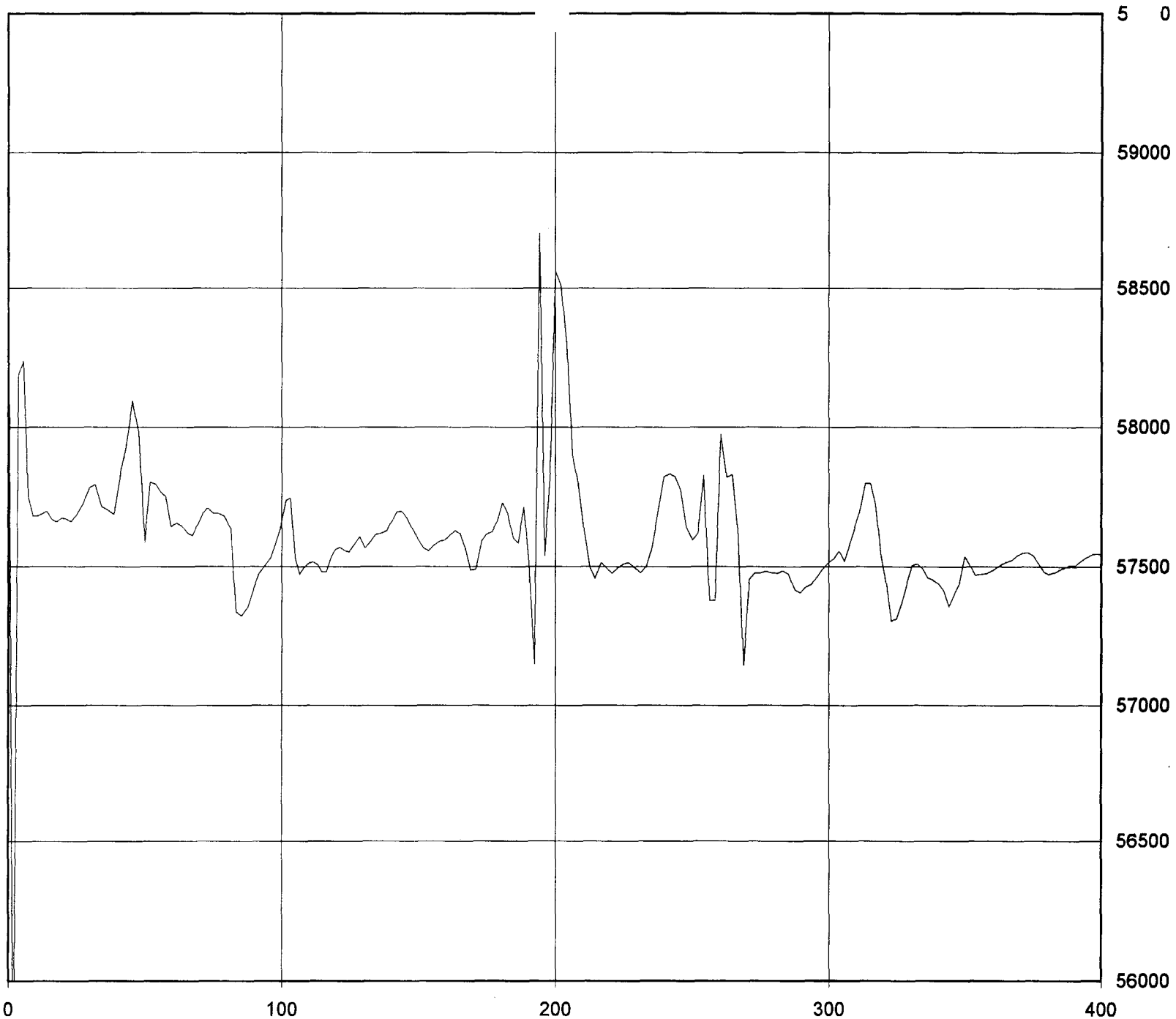


Total Magnetic Field Strength (100nT/cm)

Beaver Pond Property: James-Tudhope Twp **400E**

1:2000 Scale

Grid: Beaver Pond Property: James-Tudhope T
Line: 050W
Location of Receiver relative to Transmitter: S
Coil Spacing 100m
Date: September 23, 1999

Station	IP 3555 Hz.	QP 3555 Hz.	IP 888 Hz.	QP 888 Hz.	% Slope	Elevation
400						0.0
375					0	0.0
350	2.8	6.5	1	0.8	5	1.3
325	2.6	6.5	1	0.8	0	1.3
300	4	7	2.4	0.9	-5	0.0
275	5	7.2	3.2	1	0	0.0
250	3	7.8	0.9	1	0	0.0
225	1.8	8.2	-0.2	1.2	0	0.0
200	3.8	8.2	1.5	1.2	0	0.0
175	2.7	5	2.2	0.4	-5	-1.3
150	2.8	3.2	1.8	0.1	-3	-2.0
125	3.8	3	2.4	0	0	-2.0
100	5	3.6	3.8	0.1	20	3.0
75	5	6.5	3	1	13	6.3
50	4	7	2	1	2	6.8
25					10	9.3
0					10	11.8

Grid: Beaver Pond Property: James-Tudl
Line: 000E
Location of Receiver relative to Transmitter: N
Coil Spacing 100m
Date: September 23, 1999

Station	IP 3555 Hz.	QP 3555 Hz.	IP 888 Hz.	QP 888 Hz.	% Slope	Elevation
400					0	3.3
375					0	3.3
350	3.1	5.7	1.2	0.8	0	3.3
325	2.5	5.5	0.7	0.7	0	3.3
300	3	6	1	0.8	10	3.3
275	3.2	6	1.2	0.8	8	0.8
250	2.4	6	0.5	0.8	10	-1.3
225	2	7	0.4	1.0	10	-3.8
200	2	6.5	2	1.0	10	-6.3
175	3.8	5	1.9	0.5	5	-8.8
150	3.8	4	-0.2	0.2	0	-10.0
125	3.8	1.4	2	-0.2	-3	-10.0
100	3.2	2.8	1.4	0.0	0	-9.3
75	4	4.5	2	0.4	-2	-9.3
50	4	5	2.2	0.6	-15	-8.8
25	3.5	8	1.5	1.3	-10	-5.0
0	1.2	6	0	1	-5	-2.5
-25					-5	-1.3
-50						0.0

Grid: Beaver Pond Property: James-Tud
Line: 050E
Location of Receiver relative to Transmitter: S
Coil Spacing 100m
Date: September 23, 1999

Station	IP 3555 Hz.	QP 3555 Hz.	IP 888 Hz.	QP 888 Hz.	% Slope	Elevation
400						0.0
375					15	3.8
350	4	5	2.2	0.6	0	3.8
325	3	5.5	1	0.6	0	3.8
300	3	5.5	0.5	0.7	0	3.8
275	3.5	6	1.4	0.8	0	3.8
250	2	5.5	-0.4	0.8	-2	3.3
225	3	6	0	0.7	-5	2.0
200	3.8	6	1.6	0.7	0	2.0
175	3	5.5	1.5	0.7	4	3.0
150	3	5.5	0.9	0.7	8	5.0
125	3	5	1.3	0.6	5	6.3
100	3	4.5	0.8	0.6	2	6.8
75	5.5	5	2.6	0.4	-5	5.5
50	2.2	5	0.7	0.6	-15	1.8
25	6	6	3	0.8	-8	-0.3
0					0	-0.3
-25					0	-0.3

Grid: Beaver Pond Property: James-Tudhope T
Line: 100E
Location of Receiver relative to Transmitter: N
Coil Spacing 100m
Date: September 23, 1999

Station	IP 3555 Hz.	QP 3555 Hz.	IP 888 Hz.	QP 888 Hz.	% Slope	Elevation
400					0	13.0
375					-5	13.0
350	1.5	5.5	-0.3	0.8	0	14.3
325	3.5	5.5	0.5	0.6	-5	14.3
300	3	5	1.2	0.6	0	15.5
275	2.5	6	0.5	0.8	-5	15.5
250	1	6.6	-0.4	1.0	-5	16.8
225	2	6	1	1.0	0	18.0
200	3	6	1.5	0.8	0	18.0
175	4	6	2	1.0	2	18.0
150	2	6	0.4	0.8	10	17.5
125	3	6	1	1.0	10	15.0
100	4	7	2	1.0	10	12.5
75	3	7	1	1.0	10	10.0
50	5	8	3	1.0	10	7.5
25	7	8	5	1.0	10	5.0
0					10	2.5
-25						0.0

Base Station Values along 000N Base Line

400E	58500	To unstable for a reliable reading	
300E	57420	Quiet	Good
100E	57795	Noisy	
050E	57320	Quiet	Good
000E	57582	Acceptable	
050W	57497	Quiet	Good
100W	57320	Quiet	Good
200W	57857	Quiet	Good
300W	57188	Quiet	Good
400W	Too unstable for any reliable reading		

A

Diamond Drill Summary

on the

BEAVER POND PROJECT

for

Garfield Pinkerton, Prospector

in

James and Tudhope Townships
Elk Lake, Ontario

Latitude 47 44': Longitude 80 17'

Prepared by: Gino Chitaroni B. Sc. Geology
Date: December 17, 1999

Cobalt, Ontario
Blackstone Development Inc.

Table of Contents

The Beaver Pond Project

James and Tudhope Townships
Elk Lake, Ontario
N.T.S. Map 41 P/NE #9

Introduction

A diamond drill program was commissioned on the Beaver Pond Property by prospector, Garfield Pinkerton of Elk Lake Ontario. The drilling program was funded, in part, by the Ontario Prospector's Assistance Program (OPAP). The property, owned by Mr. Pinkerton, was determined ready for diamond drilling based on the previous year's exploration program's encouraging results. A short hole diamond drilling program was proposed to determine the presence and depth continuance of the narrow quartz-calcite copper-bearing veins discovered on surface bedrock outcrops.

Location

The Beaver Pond Property is located in Tudhope and James Townships, adjacent to the Town of Elk Lake, in the District of Temiskaming northeastern Ontario, Canada: latitude: 47 degrees 44 minutes & longitude: 80 degrees 17 minutes: N.T.S. Map 41 P/NE #9.

Access

Access to the Beaver Pond Property drill site may be gained via a 2.7 km long logging gravel road 3.3 km south of the Town of Elk Lake just off of Highway 65.

1999 Diamond Drill Hole Program Summary

In November of 1999 Garfield Pinkerton, prospector, contracted the geological services of Blackstone Development Inc. to log and sample the diamond drill core, and to report/summarize on the findings derived from the drilling conducted on the Beaver Pond Property, Claim # 1225024 in Tudhope Township, near Elk Lake Ontario.

Diamond Drill Hole BP-1-99

David Zabutski Drilling was contracted to drill this hole in Tudhope Township, Claim # 1225024. Drilling commenced on November 14, 1999 and was completed on November 22, 1999 using AXQ sized core casing. The hole was collared in bedrock with an azimuth of 20 degrees in the Northeast direction. Hole dip was –54 degrees with a depth of 56.30 metres.

Diamond Drill Hole BP-2-99

David Zabutski Drilling was contracted to drill this hole in Tudhope Township, Claim #1225024. Drilling commenced on November 26, 1999 and was completed on November 28, 1999 using AXQ sized core casing. The hole was collared in bedrock with an azimuth of 210 degrees in a Southwest direction. Hole dip was –54 degrees with a depth of 24.40 metres.

Core Logging & Sampling

Both drill holes were logged by consulting geologist, Gino Chitaroni of Blackstone Development Inc. and was assisted by Mr. Mark Beairsto who split the core. This work was conducted and completed on December 3, 1999 and submitted December 15, 1999.

All samples were bagged & tagged properly and sent for assay analysis at Swastika Laboratories, Swastika, (near Kirkland Lake) Ontario.

All Drill Core is stored at the residence of Mr. Garfield Pinkerton, 341 Munroe Crescent, Elk Lake, Ontario P0J 1G0. Phone: (705) 678-2165.

Drafting & Drill Plan

Garfield Pinkerton is charged with the duty to complete the drill sections and drill location plan.

Drill Hole Results:

BP-1-99: Core Section From 21.2-21.6 metres, a 0.4m wide section graded:
4.77% Cu, 0.189% Co, & 4.2g/t Ag. Sample #P8452

BP-1-99: Core Section From 29.4-29.6 metres, a 0.2m wide section graded:
0.131% Co, & 0.8g/t Ag. Sample #P8453

BP-1-99: Core Section From 30.7-31.0 metres, a 0.3m wide section graded:
1.52% Cu, & 4.8g/t Ag. Sample #P8454

BP-1-99: Core Section From 55.45-55.75 metres, a 0.3m wide section graded:
0.64% Cu, & 1.3g/t Ag. Sample #P8455

BP-2-99: Core Section From 21.8-22.2 metres, a 0.4m wide section graded:
3.44% Cu, & 5.5g/t Ag. Sample #P8457

BP-2-99: Core Section From 23.2-23.8 metres, a 0.6m wide section graded:
0.58% Cu, & 1.5g/t Ag. Sample #P8458

Drill Program Conclusions

The drill program was successful in several discovering narrow, massive to semi-massive chalcopyrite-bearing quartz-calcite vein structures within Nipissing Diabase host rocks.

Copper was the only economic metal of merit observed in the drill core.

Results returned for Copper content in the vein structures are considered to be of moderate grade; whereas, Cobalt values were found in anomalous amounts in a couple of drill sections. Silver assays returned poor results; while assay values for Gold and Platinum group metals returned extremely poor results.

In conclusion, no economic amounts or concentrations of Copper was discovered during the course of the drill program.

Recommendations

Due to the very poor results returned from the drill program, further diamond drill exploration work is unwarranted on the property; unless, new evidence or a new discovery of economic mineralzation is found elsewhere on the property.

Therefore, future exploration should be concentrated on discovering new Copper-bearing vein structures; preferably, found in a nested group of vein structures closely spaced or concentrated together.

Respectfully Submitted,

Gino Chitaroni, B.Sc. Geology
President
Blackstone Development Inc.

Statement of Qualifications

I, Gino Chitaroni, of Cobalt, Ontario certify the following statements as factual and true:

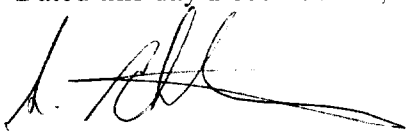
I am a qualified Geologist, F6874, Fellow of the Geological Association of Canada who personally examined & tested the drill core and visited the Beaver Pond Property in the Fall 1998.

I have been working continuously in the mining & mineral exploration industry since 1982.

I am the President of Blackstone Development Inc. offices located at 50 Silver Street, Cobalt, Ontario.

I do not hold a beneficiary interest in the Beaver Pond Property.

Dated this day December 17, 1999 at Cobalt, Ontario.



Gino Chitaroni, B.Sc. Geology
President
Blackstone Development Inc.

Beaver Pond Property

Elk Lake, Ontario

Drill Core Sampling

Diamond Drill Hole: BP1-99
December 3, 1999.
Tudhope Township
Claim # 1225024

No.	Sample No.	Section/Width	Description	Analysis Request
1)	P 8451	7.70-8.20m (0.50m)	Nipissing Diabase Host 6 cm wide vein with 5% Hematite (hem) + 0.1-0.2% Chalcopyrite (cpy).	Cu,Au,Ag
2)	P 8459	15.5-16.0m (0.5m)	Nip. Dia. Host "typical rock"	Whole Rock Oxide
3)	P 8452	21.2-21.6 m (0.4m)	Nip.Dia. Host with Mineral-ized Zone: 0.4 metres wide made up of a Quartz (Qtz) Vein with massive cpy + Magnetite (mag); 40% cpy & 20% mag.	Cu,Au,Ag, Pd
4)	P 8453	29.4-29.6m (0.20m)	Nip. Dia. Host with 5-6 cm wide Qtz-Calcite (Cal) –mag. vein with 10-15% Pyrite (py) and 35-40% mag + some hem..	Cu,Au,Ag, Pd
5)	P 8454	30.7-31.0m (0.30m)	Nip. Dia. Host containing a 9cm wide Qtz-Cal Vein and 5-10% py & 2-3% cpy.	Cu,Au,Ag, Pd
6)	P 8455	55.45-55.75 (0.3m)	Nip.Dia. Host containing 6 cm wide Cal-Qtz Vein with Feldspathic alteration; 4-6% cpy + fair hem & minor mag..	Cu,Au,Ag,Pd

Diamond Drill Hole: BP-2-99
December 3, 1999.
Tudhope Township
Claim # 1225024

No.	Sample No.	Section/Width	Description	Analysis Request
1)	P 8456	4.7-5.2m (0.5m)	Nip. Dia Host "typical"	Whole Rock Oxide
2)	P 8457	21.8-22.2 (0.4m)	Nip.Dia Host containing a 0.2 metre wide Qtz vein with 30-40% cpy + hem. & feldspathic alteration.	Cu,Ni,Co,Au,Ag,Pd
3)	P 8458	23.2-23.8 (0.6m)	Nip.Dia. Host with 2 Veins in a mineralized zone containing: Vein #1 Qtz-Cal 10 cm wide 15-20% cpy. Vein #2 Qtz-Cal 3 cm wide with 10-15% mag/hem..	Cu,Ni,Co,AuAg,Pd

Swastika Laboratories
A Division of Assayers Corporation Ltd.
Assaying - Consulting - Representation
Established 1928

Assay Certificate

9W-3951-RA1

Company: **G.Pinkerton**
Project: Beaver Pond Property
Attn: G. Pinkerton / G. Chitaroni

Date: DEC-14-99

We hereby certify the following Assay of 9 Core samples submitted DEC-07-99 by .

Sample Number	Au g/tonne	Au Check g/tonne	Ag g/tonne	Co %	Cu %	Ni %	Pd g/tonne	WRA
P8451	Nil	-	0.4	0.006	0.011	0.003	-	Results
P8452	0.01	-	4.2	0.189	4.77	0.012	<0.005	to
P8453	0.10	0.10	0.8	0.131	0.062	0.010	<0.005	follow
P8454	Nil	-	4.8	0.010	1.52	0.005	<0.005	
P8455	0.01	-	1.3	0.021	0.64	0.004	<0.005	
P8456	-	-	-	-	-	-	-	
P8457	0.04	0.03	5.5	0.075	3.44	0.015	<0.005	
P8458	0.02	-	1.5	0.023	0.58	0.008	0.01	
P8459	-	-	-	-	-	-	<0.005	

One assay ton portion used.

Certified by G. Pinkerton

1 Cameron Ave , P.O. Box 10, Swastika, Ontario P0K 1T0

Diamond Drill Program

Beaver Pond Project

DDH #1

Drill hole #1 was collared 100m north of base line and 21m east of 100m st on 00 line.

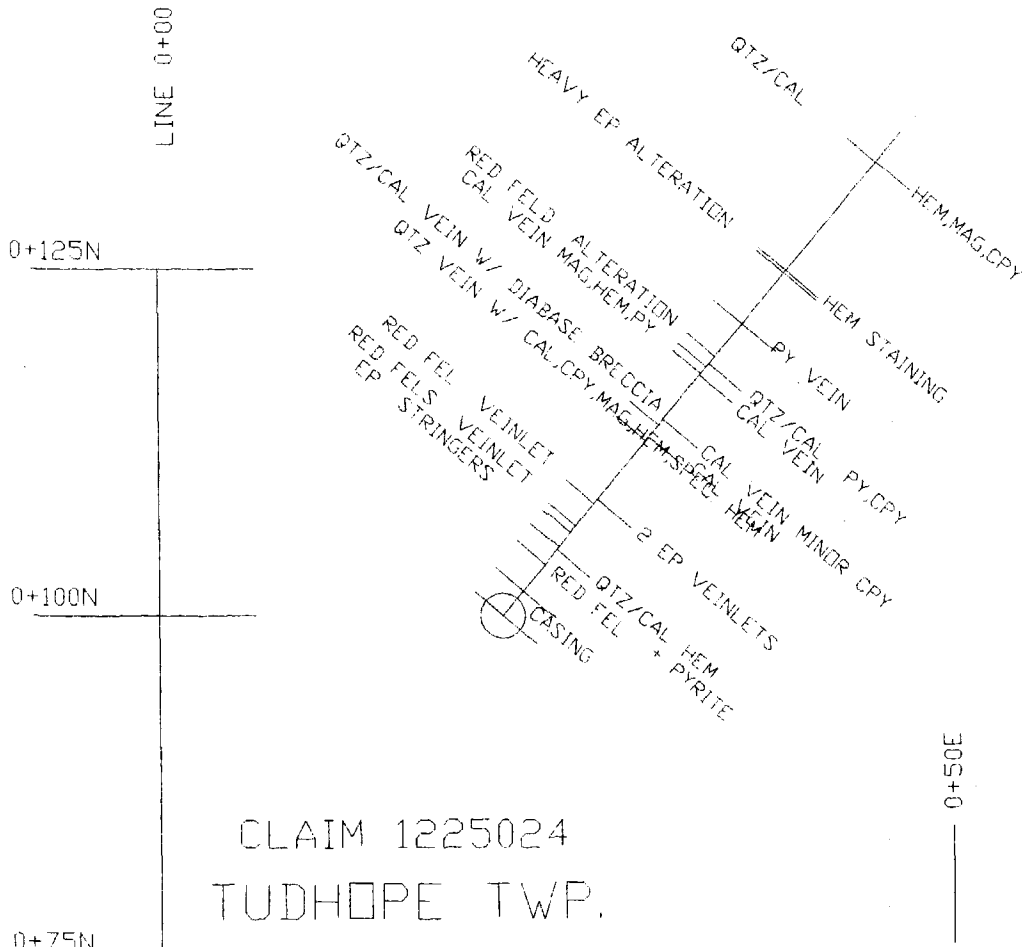
This hole was drilled parallel to a hole drilled in 1959 by Min Ore Mines. Their report indicated that a 7.5ft vein of massive chalcopyrite had been intersected from footage 163 to 170.5. No assay sheets were included with the report. So this hole was to intersect and allow for assay's to be completed and with the hopes of gold and silver mineralzasion to be found. The hole was drilled to a length of 56.30m or 182ft. Only minor veining was intersected along the hole (see logs). Assay's had fair copper results but gold and silver results were poor.

DDH #2

This hole was collared 30m south of base line. The 300m east line was extended 30m south of the base line to allow for mapping the collar of this hole.

Hole was drilled to intersect 2 quartz and caleite veins showing on surface. East of a trench, that was worked previously, by Paramount Mines and Monel Mines. The veins were intersected at 23.2 and 24.1 m. Chalcopyrite was found in both veins. Poor results for gold and silver. Hole ended at 24.40m

Note beaver dams were lowered in 3 stages for access local MNR rep. Approved by Conservation officer: Ron Hartford.



DDH BP1-99
Az. 020
DIP 54
LENGTH 59.3m
VERT. DEPTH 39m

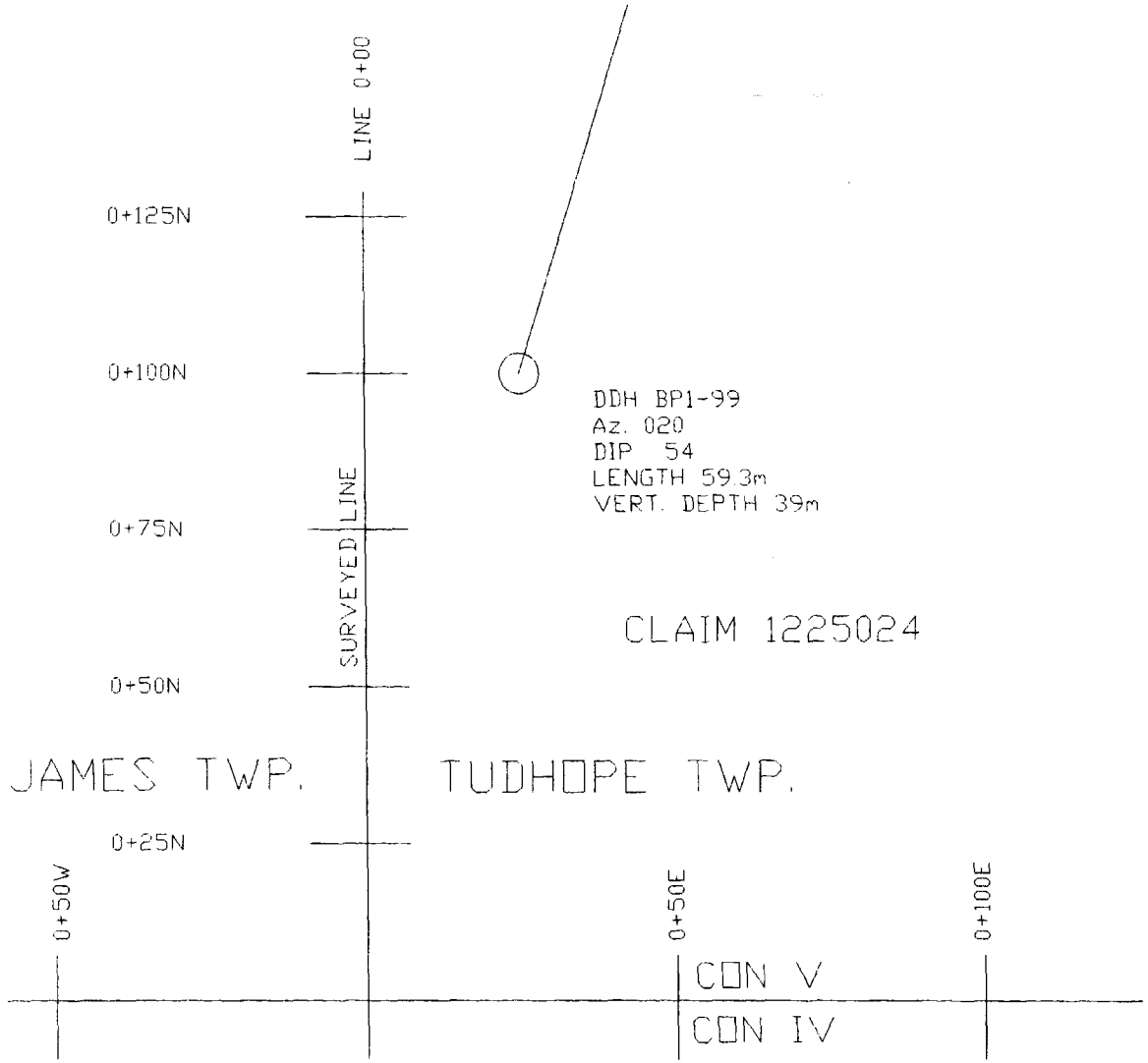
GARFIELD PNKERTON & JKATE EXPLORATIONS INC.

BEAVER POND PROJECT

DDH BP1-99

DRAWN tkk 00/01/26

SCALE 1:500



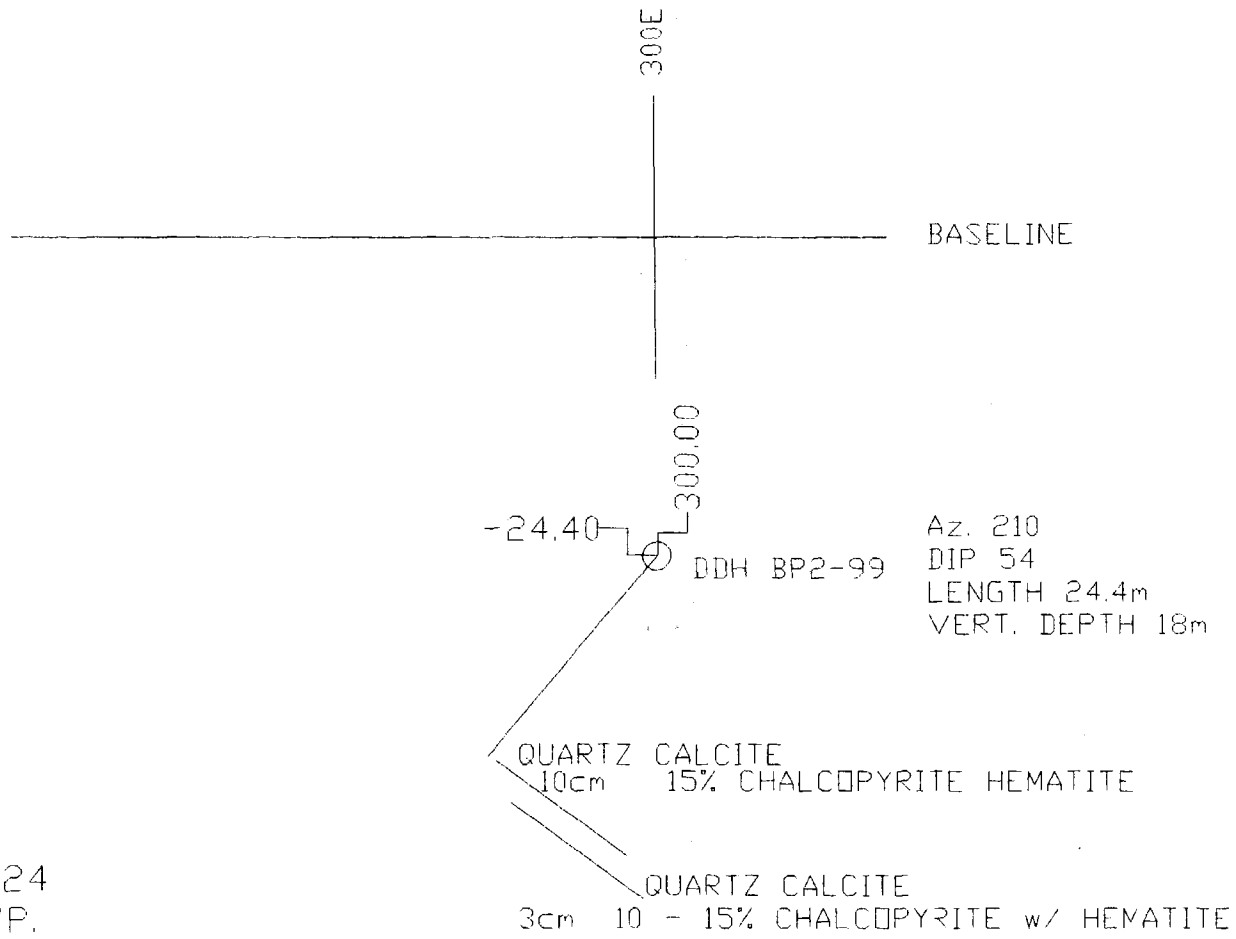
GARFIELD PNKERTON & JKATE EXPLORATIONS INC.

BEAVER POND PROJECT

DDH BP1-99

DRAWN tkk 00/01/26

SCALE 1:1000



CLAIM 1225024
TUDHOPE TWP.

GARFIELD PNKERTON

BEAVER POND PROJECT

DDH BP2-99

DRAWN tkk 00/01/26

SCALE 1:500

Ministry of Northern Development and Mines — Ontario

Ministère du Développement du Nord et des Mines

Diamond Drilling Log / Journal de forage au diamant

Complete this form and related sketch in duplicate.
Remplir en deux exemplaires la présente formule et le croquis annexé

Fill in on every page
Remplir ces cases à chaque page

Hole No. Forage n°	Page No. Page n°
BP-1-99	1

Drilling Company / Compagnie de forage	Collar Elevation / Élévation du collier	Bearing of hole from true North/Position du forage par rapport au nord vrai	Total Footage / Avancement total du forage	Dip of Hole at / Inclinaison du forage au
D. Zabutski Drilling	Surface	Az20° NE	56.30m	-54° Dip (Collar/collier)

Date Hole Started / Date de commencement du forage	Date Completed / Date d'achèvement	Date Logged / Date d'inscription au journal	Logged by / Inscrit par	Ft./Pi
Nov. 14, 1999	Nov. 22, 19999	Dec. 3,1999	Gino Chitaroni Asst: Mark Beairsto	

Exploration Co., Owner or Optionee / Compagnie d'exploration, propriétaire ou titulaire d'option	Date Submitted / Date de dépôt	Submitted by (Signature) / Déposé par (signature)
Garfield Pinkerton	Dec.15,1999	Core Size: Axq

Address/Location where core stored / Adresse/endroit où la carotte est stockée
Garfield Pinkerton
Residence:
341 Munroe Crescent
Elk Lake, Ontario
P0J 1G0
Ph: (705) 678-2165

Map Reference No. / N° de référence sur la carte: G-3724 — Tudhope Twp.

Claim No. / N° de concession minière: 1225024

Location (Twp. Lot, Con. or Lat. and Long.) / Emplacement (canton, lot, concession, ou latitude et longitude)
N.T.S.: Map 41 P/NE #9
Lat. 47° 44': Long. 80° 17'
Elk Lake, Ontrio

Property Name / Nom de la propriété: Beaver Pond Property

Footage/Avancement From/De	To/À	Rock Type / Type de roche	Description (Colour, grain size, texture, minerals, alteration, etc.) / Description (Couleur, granulométrie, texture, minéraux, transformation, etc.)	Planar Feature Angle*/Angle des caractéristiques planes	Core Specimen Footage †/Longueur en pieds des carottes prélevées	Your Sample No. / N° d'échantillon du prospecteur	Sample Footage/Niveau de prélèvement de l'échantillon (en pieds) From/De	To/À	Sample Length / Longueur de l'échantillon	Assays †/Analyses minéralurgiques Cu	Au	Ag
0.00m	56.30m	NIPISSING	- fine-medium grained, equigranular texture rock.							%	g/t	g/t
		DIABASE SILL										
		GABBRO	- 50% light grains; 50% dark grains									
		(collared in	- Magnetic attraction (fair-medium)									
		bedrock)	- Approximately 5% - 10% magnetite									
			@ 6.25m, a .25cm wide stringer of red feldspar + pyrite									
			CA 45 - 50°									
			@ 8.00m, a 6cm wide Quartz vein with subordinate calcite			P8451	7.70	8.20	0.5m	0.011	Nil	0.4
			mineralized with 5% hematite,									
			and minor cpy 0.1 - .02%. CA 45°									
			From 8.30m - 10.00m odd epidote stringer veinlets									
			CA 45-60° .15cm - .25cm widths									
			@ 10.76m, 0.3cm wide red feldspar veinlet CA 45-55°									
			@ 13.57m, 0.4cm wide red feldspar veinlet CA 50-60°									
			with a little minor py.									
			@ 14.15m, Two epidote veinlets up									
			0.5cm wide. CA 45°									
			and on slip 60° CA opposite direction.			P8459	15.5	16.0	0.5m	Whole Rock Oxide	Rock Assay	

0204 (03/91)

*For features such as foliation, bedding, schistosity, measured from the long axis of the core.
*Exemples de caractéristiques : foliation, schistosité, stratification. L'angle est mesuré par rapport à l'axe longitudinal de la carotte.

† Additional credit available. See Assessment Work Regulation. + Palladium
† Des crédits supplémentaires sont offerts. Consulter les règlements relatifs aux travaux d'évaluation.
Nota : Dans cette formule, lorsqu'il désigne des personnes, le masculin est utilisé au sens neutre.

Ontario

THE MINING ACT – MINISTRY OF NATURAL RESOURCES

DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE

HOLE NO. BP-1-99 | PAGE NO. 2

DRILLING COMPANY	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
D. Zabutski Drilling				collar		G-3724	1225024

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE	CORE SPECIMEN FOOTAGE	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE LENGTH	ASSAYS + Cu %	Au g/t	Ag g/t
			@ 21.25m, a 0.15m wide Quartz vein (subordinate Calcite) CA 40° contains heavy cpy mineralization (semi-massive) with magnetite (strong magnetism) + some red hemitite; and specular hematite									
			cpy in vein - 40% magnetite in vien - 20%			P8452	21.20	21.60	0.40m	4.77	0.01	4.2
			@ 21.75m, a 2.5cm wide Calcite vein no mineralization CA 40°								Co	0.189%
			@ 23.20m, 0.20m Quartz-Calcite vein with much Nip. Diabase breccia; no mineralization. CA 30°									
			@ 23.85m, a Calcite vein 2cm wide minor cpy 0.1% CA 35-40°									
			@ 29.30m, a 1.0cm wide Calcite vein barren of mineralization. 30-40° CA									
			@ 29.45m, a 5-6cm wide vein, CA 50-60°; semi-massive magnetite with hematite + pyrite (py 10-15%; mag 35-40%)			P8453	29.40	29.60	0.20m	0.062	0.10	0.8
											Co	0.131%
			From 30.30m - 31.60m Red "hematite coloured" feldspathic alteration.									
			@ 30.7m, a 9cm wide Quartz-Calcite CA 50-60° contains 5-10% py and 2-3 cpy.			P8454	30.70	31.00	0.30m	1.52	Nil	4.8
			@ 35.64m, 0.5cm wide pyrite vein 50°CA.									
			From 41.9m to 42.2m Zone of heavy epidote alteration + hematite staining.									

+ Additional credit available. See Assessment Work Regulations.

Ontario

THE MINING ACT – MINISTRY OF NATURAL RESOURCES

DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE

HOLE NO.	PAGE NO.
BP-1-99	3

DRILLING COMPANY	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
D. Zabutski Drilling				collar		G-3724	1225024

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION (Colour, grain size, texture, minerals, alteration, etc.)	PLANAR FEATURE ANGLE *	CORE SPECIMEN FOOTAGE +	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE LENGTH	ASSAYS + % Cu	ASSAYS + g/t Au	ASSAYS + g/t Ag
			@ 55.6m, Quartz-Calcite vein CA 45-50° with cpy hematite very little magnetite; 4-6% cpy. 6cm wide vein; feldpathic alteration present.			P8455	55.45	55.75	0.30m	0.64	0.01	1.3
	56.3m	END OF HOLE	All Nipissing Diabase.									

- Additional credit available. See Assessment Work Regulations.

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

Diamond Drilling Log / Journal de forage au diamant

Complete this form and related sketch in duplicate. / Remplir en deux exemplaires la présente formule et le croquis annexé

Fill in on every page / Remplir ces cases à chaque page

Hole No. / Forage n°: BP-2-99 — Page No. / Page n°: 1

Drilling Company / Compagnie de forage: J. Zabutski Drilling

Collar Elevation / Élévation du collier: Surface

Bearing of hole from true North/Position du forage par rapport au nord vrai: Az 210° SW

Total Footage / Avancement total du forage: 24.40

Dip of Hole at / Inclinaison du forage au: -54° Dip Collar/collier; Ft./Pi; Ft./Pi; Ft./Pi; Ft./Pi

Address/Location where core stored / Adresse/endroit où la carotte est stockée: Garfield Pinkerton Residence: 341 Munroe Crescent, Elk Lake, Ontario, POJ 1GO, Ph. (705) 678-2165

Map Reference No. / N° de référence sur la carte: G-3724 Tudhope Twp.

Claim No. / N° de concession minière: 1225024

Date Hole Started / Date de commencement du forage: November 26, 1999

Date Completed / Date d'achèvement: November 28, 1999

Date Logged / Date d'inscription au journal: Dec. 3,1999

Logged by / Inscrit par: Gino Chitaroni, Asst: Mark Beairsto

Location (Twp. Lot, Con. or Lat. and Long.) / Emplacement (canton, lot, concession, ou latitude et longitude): M.T.S.: Map 41 P/NE #9, Lat. 47° 44' : Long. 80° 17', Elk Lake, Ontario

Exploration Co., Owner or Optionee / Compagnie d'exploration, propriétaire ou titulaire d'option: Garfield Pinkerton

Date Submitted / Date de dépôt: Dec.15,1999

Submitted by (Signature) / Déposé par (signature): [signature]

Core Size: Axq

Property Name / Nom de la propriété: Beaver Pond Property

Footage/Avancement From/De	Footage/Avancement To/À	Rock Type / Type de roche	Description (Colour, grain size, texture, minerals, alteration, etc.) / Description (Couleur, granulométrie, texture, minéraux, transformation, etc.)	Planar Feature Angle*/Angle des caractéristiques planes	Core Specimen Footage † / Longueur en pieds des carottes prélevées	Your Sample No. / N° d'échantillon du prospecteur	Sample Footage From/De	Sample Footage To/À	Sample Length / Longueur de l'échantillon	Cu %	Au g/t	Ag g/
0.00m	24.40m	NIPISSING DIABASE	- medium, equigranular textured rock			P8456	4.7	5.2	0.5m	Whole	Rock	Assay
		SILL GABBRO	- 40% dark and 60% light crystals			(all core removed)						
			- weak-fair magnetic attraction,									
			due to magnetite; 0.1 - 0.5% mag									
			NOTE: Almost Doritic!									
			From 9.6m - 10.3m									
			Epidote bleached rock, wispy epidote veinlets.									
			Mineralization Zone 21.8m - 22.20m (0.40m)			P8457	21.80	22.20	0.4m	3.44	0.03	5.5
			with semi-massive cpy + mag in Quartz veinlng; with									
			hematite staining & feldspathic alteration present.									
			Quartz vein CA 60°; cpy 30-40% Qtz vein 20cm wide.									
			Mineralization Zone: 23.2 - 23.8 (0.60m)			P8458	23.2	23.8	0.6m	0.58	0.02	1.5
			Vein #1 Qtz-Calcite 10cm vein CA 60°, 15-20% cpy									
			with hematite @ 23.2m									
			Vein #2 3cm wide vein of Calcite/qtz with some									
			hematite-magnetite 10-15% CA 60°.									
	24.40m	END OF HOLE										

0204 (03/91)

*For features such as foliation, bedding, schistosity, measured from the long axis of the core.

*Exemples de caractéristiques : foliation, schistosité, stratification. L'angle est mesuré par rapport à l'axe longitudinal de la carotte.

† Additional credit available. See Assessment Work Regulation.

† Des crédits supplémentaires sont offerts. Consulter les règlements relatifs aux travaux d'évaluation.

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

Work Report Summary

Transaction No: W0180.31244 **Status:** APPROVED
Recording Date: 2001-DEC-06 **Work Done from:** 1999-JUN-29
Approval Date: 2002-MAY-27 **to:** 2000-JAN-26

Client(s):

303112 JKATE EXPLORATIONS INC.

Survey Type(s):

ASSAY	EM	LC	MAG
PDRILL	PROSP	PSTRIP	PTRNCH

Work Report Details:

Claim#	Perform	Perform Approve	Applied	Applied Approve	Assign	Assign Approve	Reserve	Reserve Approve	Due Date
L 1222054	$1,984	$995	$1,600	$1,600	$0	0	$384	$0	2004-MAY-15
L 1225024	$5,714	$5,551	$1,600	$1,600	$0	605	$4,114	$3,346	2004-OCT-15
	$7,698	$6,546	$3,200	$3,200	$0	$605	$4,498	$3,346	

External Credits: $0

Reserve:

$3,346 Reserve of Work Report#: W0180.31244

$3,346 Total Remaining

Status of claim is based on information currently on record.

41P09NW2007 2.22574 TUDHOPE 900

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Ontario

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

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

Date: 2002-JUN-06

GARFIELD DONALD PINKERTON
JKATE EXPLORATIONS INC.
P.O. BOX 100
341 MUNROE CRESCENT
ELK LAKE, ONTARIO
P0J 1G0 CANADA

Submission Number: 2.22574
Transaction Number(s): W0180.31244

Dear Sir or Madam

Subject: Approval of Assessment Work

We have approved your Assessment Work Submission with the above noted Transaction Number(s). The attached Work Report Summary indicates the results of the approval.

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

Assessment work credit has been approved as outlined on the attached Work Report Summary. The assessment credit has been reduced by $1152.00. The TOTAL VALUE of assessment credit that will be allowed, based on the information provided in this submission, is $6546.00.

If you have any question regarding this correspondence, please contact LUCILLE JEROME by email at lucille.jerome@ndm.gov.on.ca or by phone at (705) 670-5858.

Yours Sincerely,

Ron Gashinski
Senior Manager, Mining Lands Section

Cc: Resident Geologist

Jkate Explorations Inc.
(Claim Holder)

Assessment File Library

Jkate Explorations Inc.
(Assessment Office)

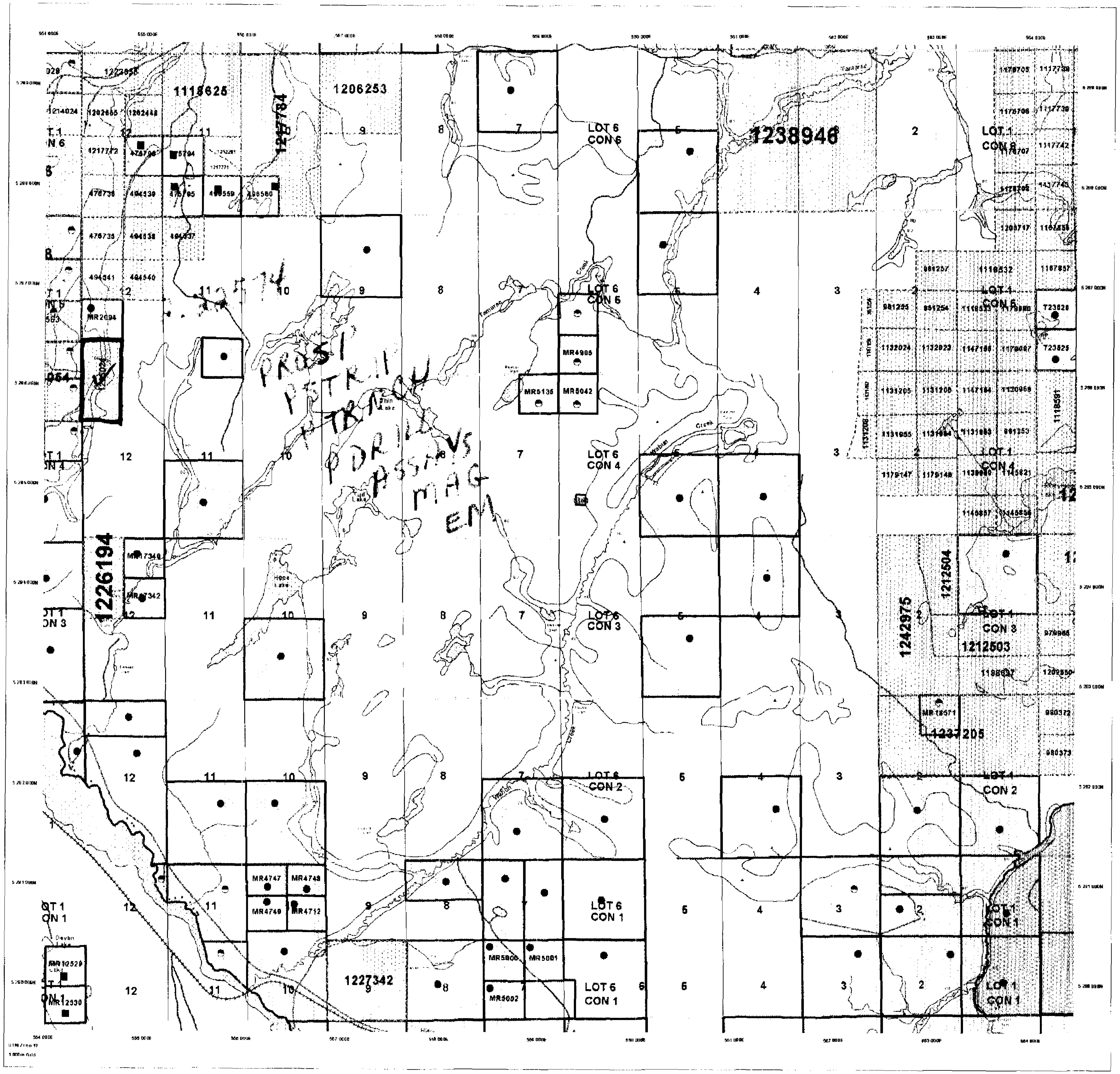
MINISTRY OF NORTHERN DEVELOPMENT AND MINES
PROVINCIAL MINING RECORDER'S OFFICE

MINING LAND TENURE MAP

Date / Time of Issue	May 23 2002	13:24h Eastern
TOWNSHIP / AREA		PLAN
TUDHOPE		G-3724

ADMINISTRATIVE DISTRICTS / DIVISIONS

Mining Division	Larder Lake
Land Titles/Registry Division	Unavailable
Ministry of Natural Resources District	Unavailable



TOPOGRAPHIC

LAND TENURE

LAND TENURE WITHDRAWALS

IMPORTANT NOTICES

0 m — 1000.0 m

LAND TENURE WITHDRAWAL DESCRIPTIONS

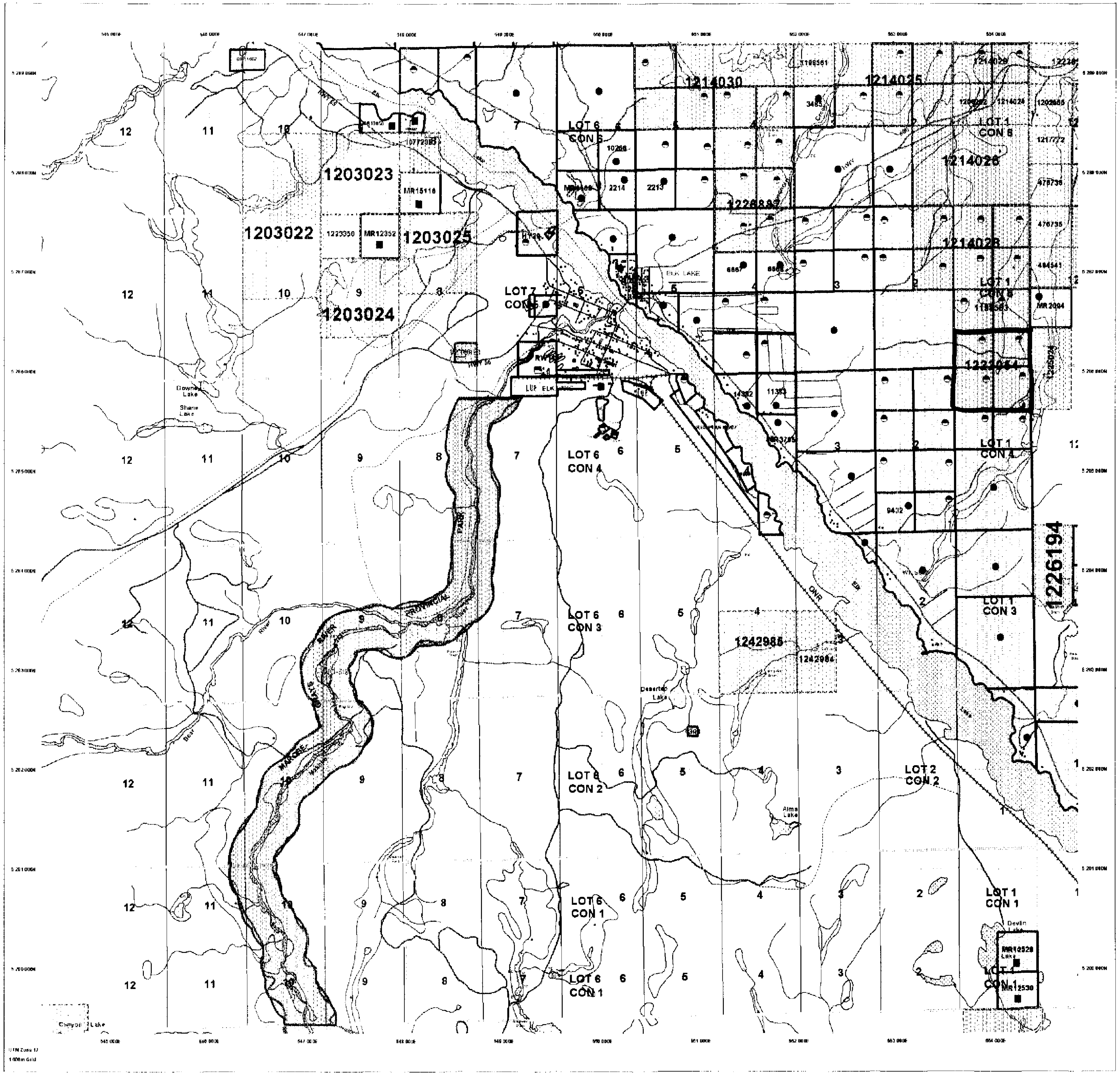
Identifier	Type	Date	Description
8364	Wsm	Jan 1 2001	400FT SURFACE RIGHTS RESERVATION ALONG THE SHORES OF ALL LAKES & RIVERS
W-LL C1613	Wsm	Aug 31 2001	Sect 35 W-LL-C1613/00 ONT May 12/00 M&S
ConReserve	Wsm	Apr 6 2001	Bryce And Cane Township Wetland Lacustrine Conservation Reserve
ConReserve	Wsm	Apr 6 2001	Bryce And Cane Township Wetland Lacustrine Conservation Reserve

IMPORTANT NOTICES

Areas under which special regulations, limitations or conditions exist that affect normal prospecting, staking and mineral development activities.

General Information and Limitations

41P09NW2007 2.22574 TUDHOPE 200



MINING LAND TENURE MAP

Ministry of Northern Development and Mines

Provincial Mining Recorders' Office

Date / Time of Issue Jan 18 2002 15:08h Eastern

TOWNSHIP / AREA	PLAN
JAMES	M-0225

ADMINISTRATIVE DISTRICTS / DIVISIONS

Mining Division	Larder Lake
Land Titles/Registry Division	TIMISKAMING
Ministry of Natural Resources District	KIRKLAND LAKE

TOPOGRAPHIC

LAND TENURE

Mining Claim

LAND TENURE WITHDRAWALS

IMPORTANT NOTICES

0 Km 2.0 Km

LAND TENURE WITHDRAWAL DESCRIPTIONS

Identifier	Type	Date	Description
4393	Wsm	Jan 1 2001	400 FT. SURFACE RIGHTS RESERVATION ALONG THE SHORES OF ALL LAKES & RIVERS
W-10/6-14	Wi	Jan 1 2001	SURFACE RIGHTS WITHDRAWN FROM STAKING SECTION 36(4) ORDER NRW 106/94
WO-5/85	Wsm	Jan 1 2001	SURFACE AND MINING RIGHTS WITHDRAWN FROM STAKING, SECTION 36(4) ORDER NO. WO-5/85

IMPORTANT NOTICES

Areas under which special regulations, limitations or conditions exist that affect normal prospecting, staking and mineral development activities.

2.22574

MNG

EM

General Information and Limitations

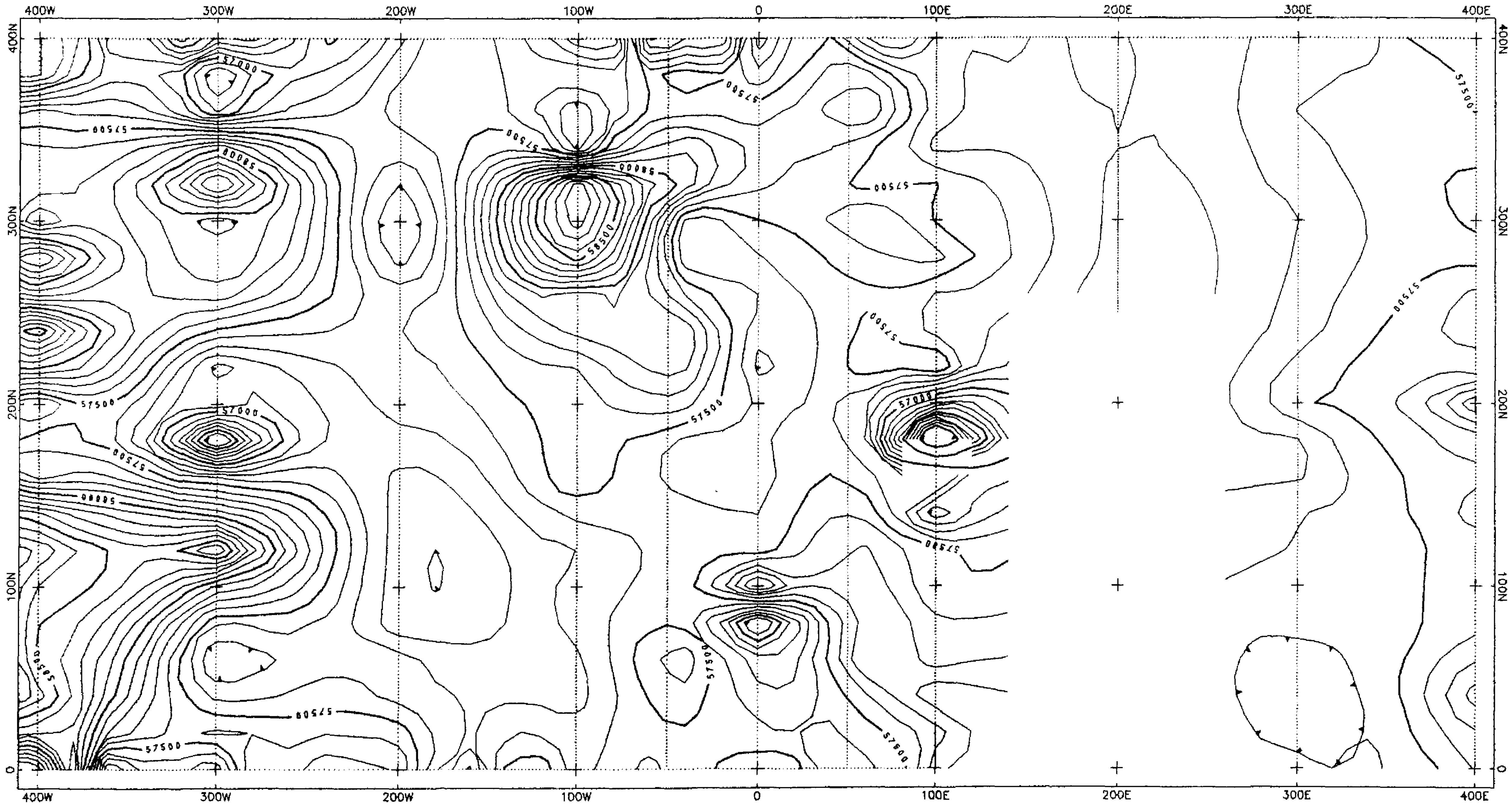
Contact Information:
Provincial Mining Recorders' Office
Willet Green Miller Centre
933 Ramsey Lake Road
Sudbury, ON P3E 6B5
Home Page: www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm

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

Map Datum: NAD 83
Projection: UTM (6 degree)
Topographic Data Source: Land Information Ontario
Mining Land Tenure Source: Provincial Mining Recorders' Office

41P09NW2007 2.22574 TUDHOPE

210



Beaver Pond Property: James–Tudhope Twp.

TOTAL MAGNETIC FIELD STRENGTH

nanoTeslas

SCINTREX ENVIMAP plot by Douglas Robinson, Doug Robinson Consulting