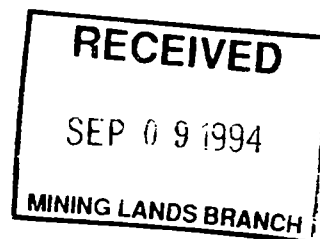


42A05SE0002 2.15564 DENTON

010

2.15564

**GROUND MAGNETOMETER
AND
VLF EM - 16 SURVEY
FOR THE
NOLAN BOA CLAIMS**



**DENTON TOWNSHIP
DISTRICT OF COCHRANE**

**PORCUPINE MINING DIVISION
PROVINCE OF ONTARIO**

**Timmins, Ontario
July 26, 1994**

Deal # 63.1225

**C. D. MacKenzie
Consulting Geologist**



42A05SE0002 2.15564 DENTON

010C

TABLE OF CONTENTS

	Page
INTRODUCTION	1
PROPERTY LOCATION AND ACCESS	1
PROPERTY DESCRIPTION	1
LINE CUTTING	1
HISTORY OF CLAIM BLOCK 1190600	2
GENERAL GEOLOGY	2
GROUND MAGNETOMETER SURVEY	4
RESULTS OF THE MAGNETOMETER SURVEY	4
CONCLUSIONS AND RECOMMENDATIONS	5
VLF EM-16 ELECTROMAGNETIC SURVEY	5
RESULTS OF THE VLF SURVEY	6
CONCLUSIONS AND RECOMMENDATIONS	7

MAPS

MAP 1	RESULTS OF THE GROUND MAGNETOMETER SURVEY SCALE 1 : 2500	(BACK POCKET)
MAP 2	RESULTS OF THE VLF SURVEY SCALE 1 : 2500	(BACK POCKET) PROFILE SCALE 1 = 10%
MAP 3	LOCATION MAP FOR MAGNETOMETER SURVEY SCALE 1 : 20,000	(BACK POCKET)
MAP 4	LOCATION FOR VLF SURVEY SCALE 1 : 20,000	(BACK POCKET)

INTRODUCTION

The following report describes the results of a ground magnetometer survey and VLF survey for Mr. Nolan Boa, 607-33 Golden Ave., Timmins, Ontario, P4N 8A3, Prospectors License #H8687, Client No. ~~209887~~. 109334

PROPERTY LOCATION AND ACCESS

The property consists of 41 contiguous claims in DENTON Township, the recorded holder is Nolan Boa of 607-33 Golden Ave., Timmins, Ontario.

This report covers most of claim 1190600 (8 units). See claim map in the back of this report.

The property can be easily reached by car from the city of Timmins traveling west on highway 101 for a distance of 30 km to the center of claim 1193218 (12 units) adjoining to the north of claim 1190600 (8 units). Claim 1190600 can be reached on foot, traversing south a distance of 1 km to the north boundary of 1190600 or by walking a logging road south from highway 101 to the hydro line (not shown on the claim map) and walking approximately 100 meters to XLO-00W.

Claim 1190600 is located 1 km south of highway 101 to the southwest of Carelton Lake in Denton Twp.

PROPERTY DESCRIPTION

The property consists of 41 contiguous claims in Denton Twp., District of Cochrane, Porcupine Mining Division, Province of Ontario. The recorded holder is Nolan Boa of 607-33 Golden Ave., Timmins, Ontario, P4N 8A3, Prospectors Lic. No. - H8687, Client No. - 109334.

LINE CUTTING

Line cutting was carried out by

Douglas Lalonde
53 Way Street
Timmins, Ontario.
Prospectors Lic. No. - M20625
Client No. - 156077

An east-west base line was turned off from the iron pin of the No. 4 post of claim 568488 and cut east for 400 meters before the first line (15W) was turned off at the west boundary of claim 1190600 an 8 unit claim block. Lines were turned off at 100 meter intervals, line 0W being the last line near the east boundary of the claim block, giving the base line a total length of 2100 meters. 17.7 km of cross lines were cut.

The line cutting was carried out during the period from May 15, 1994 to June 31, 1994.

HISTORY OF CLAIM BLOCK 1190600

During 1988 a G.S.C. Survey of airborne electromagnetic and total intensity was carried out showing several electromagnetic anomalies in this area.

Previous work in 1978 had been carried out by Inco. Lines were cut and magnetometer and vertical loop E.M. Surveys were carried out followed by diamond drilling. Reported Inco drill holes are shown on the VLF Map in the back of this report. No significant gold or base metal values were reported in the drill results and all the claims were allowed to expire.

Due to an interest in the number of airborne anomalies shown on the airborne maps, the claims were staked by Nolan Boa as tie on claims to claims previously staked by Nolan Boa.

GENERAL GEOLOGY

The Township of Denton is part of the Abitibi Greenstone Belt. The rock formations are all Precambrian in age intruded by plutons of granite and diabase dykes of late Precambrian Age.

The center of the Township is part of a highly folded synclinal structure with the Porcupine Sediments in the center. Both limbs are dipping steeply north.

The sediments are mostly argillite and greywackes with minor conglomerate. To the south of the syncline the mafic volcanics and ultramafic sill are thought to be Delora in age as they are part of a series of iron formations locally with high magnetite content, other units are more akin to chemical sediments (exhalites with pyrrhotite rich sections).

To the north of the synclinal center, mafic pillowed flows with flow breccias and units of rhyolite tuff and intercalated iron formations are present.

The major fault in the township is the Bristol fault, thought to be the extension of the Porcupine Destor fault.

This fault was intersected by two holes drilled in 1946 in Carscallen Township by Mining Corporation Ltd. The first hole was drilled on the results of a Resistivity Survey and followed the dip of the shear in dark talc chlorite schist cut by small quartz stringers. This hole was left on site, the step over hole collared in rhyolite. This hole was also left on site.

Newmont Mining in their study of the area thought the Bristol fault continued through the AUMO claims in Denton Twp. and joined up with or was part of the fault along Cripple Creek and strikes through Denton Lake (part of the Cripple Creek waterway).

Further north in Carscallen Township, the low sodium rhyolites are being explored for base metals (Cu Ag ZN) deposits by Falconbridge and also by WestMiner. Circa 1993 and 1994 strong E.M. anomalies picked up by the G.S.C. Survey Circa 1988 will likely be tested by drilling and is in the writers opinion one of the few places left unexplored that may yield satellite deposits similar to the KamKotia and Canadian Jameison discoveries.

In Denton Twp. base metal possibilities are also still present due to lack of outcrop and the number of E.M. anomalies that remain untested.

Southeast of the present claim group Hollinger Gold Mines Ltd. intersected a narrow band of sericite schist adjacent to ultramafics that contained a narrow massive pentlandite band assaying up to 18 percent nickel. This band had a length of 1.2 kilometers or more, the nickel rich band varied from 45 cm to 15 cm in width. In the adjacent ultramafic itself where a zone of MgCO₃ alteration was present, 4.2 meters of drill core containing millerite and pentlandite assayed .75 percent nickel.

Only the massive pentlandite band was conductive and was out lined by the SE-200 and the Ronka horizontal loop.

The reason for bringing out the economic possibilities just presented is to cause more attention to be paid to the present VLF and magnetometer results and what they may indicate to be present on the property under discussion.

GROUND MAGNETOMETER SURVEY

The ground magnetometer survey was completed in June 1994. Two Proton magnetometers were used. Geometrix Model G-816 and Park Ranger Model GM-122.

Base stations were established along the base line and diurnal variations were corrected by tying in to base stations at regular intervals.

Readings were taken at 25 meter intervals. A total of 678 readings were taken.

The operator was

Douglas Lalonde
53 Way Street
Timmins, Ontario.
Prospectors Lic. No. - M20625
Client No. - 156 077

The second operator was

Dennis Laforest
Timmins, Ontario.
Prospectors Lic. No. - M24899
Client No. - 155 614

RESULTS OF THE MAGNETOMETER SURVEY

The results of the Magnetometer Survey are shown on a map in the back of this report on a scale of 1:2500 and the magnetics were contoured by computer at 10 gamma intervals.

The magnetic anomalies are designated on the map by the capital letters A,B,C,D,E,F,G,H,I,J and K.

Anomaly A is the largest positive anomaly on the map, strikes northeast and is approximately 200 meters wide at the widest part of the anomaly and is about 300 meters in length to where it tapers down to 50 meters in width for a further extended length of 250 meters.

This anomaly has peaks of 1600 to 1800 gammas and may represent an ultramafic flow or sill.

There are no VLF anomalies associated with this magnetic high. The shape of the anomaly does look similar to a circular kimberlite pipe associated with an extended magnetic dike.

Anomaly B is two one line magnetic highs ranging in the 600 to 900 gamma surrounded by magnetic lows. No VLF anomaly is associated with anomaly B.

Anomaly C is a magnetic low varying from a 140 to perimeter values of 300 gammas. Anomaly C is associated with a strong VLF conductor.

Anomaly D has a local high of 545 gammas and may be part of a more magnetic rock until trending north-south along the west border of the claims. No VLF anomaly is present near this anomaly on XL6W.

Anomaly E is a bullseye type of magnetic high flanked by two other magnetic anomalies and may indicate the nose of a fold in this area.

Anomalies F,G,H and I are small local magnetic anomalies in the 700 gamma range and could be explained as local hills in deep overburden areas. None of these anomalies are directly associated with VLF conductors.

Anomaly K is a series of magnetic anomalies trending west along line 100 west and may indicate the presence of a magnetic trap dike that closely follows line 100W.

CONCLUSIONS AND RECOMMENDATIONS

Anomaly A could be considered as a target for a cross sectional hole to test both contacts of a possible ultramafic unit for gold values and the ultramafic unit for disseminated pentlandite.

Anomaly E could also be tested by drilling due west along line 200W, the hole to be collared at 375 m west at a 45 degree dip for to determine structure and whether gold values exist in same.

VLF EM-16 ELECTROMAGNETIC SURVEY

The electromagnetic survey was carried out utilizing a Geonics EM-16 - Receiver. This unit measures the vertical in-phase component (tangent of the tilt angle of the polarization ellipsoid) and the vertical out of phase component (the short axis of the polarization ellipsoid compared to the long axis of the secondary field generated in the vicinity of the conductors).

The transmitted used was the east station NAA Cutler, Maine, USA, 24.0Khz. All readings taken facing north at 25 meter stations.

A total of 688 readings were read. The operator was
C.D. MacKenzie
Pine Ridge Motel
R.R. #2
Timmins, Ontario.
P4N 7C3
Prospectors Lic. No. - M14518
Client No. - 162603

RESULTS OF THE VLF SURVEY

The results of the VLF survey are shown on a map in the back pocket of this report on a scale of 1:2500. Profile scale 1 cm = 10%.

The anomalies are designated on the map by the letters A,B,C,D,E,F,G,H,I,J,K and L.

Anomaly A is a strong shallow anomaly near the contact of a magnetic low and a more magnetic unit. Anomaly B may be part of anomaly A but more deeply buried by the Esker ridge.

A and B may be due to a graphitic unit or a massive pentlandite band entering the property from the southwest.

Anomaly C has a fair out of phase response and is unique in the sharp change from a positive out of phase to a negative out of phase that continues for a considerable distance and occurs right at the axis of the conductor.

There is a good chance that the VLF is picking up a mineralized unit of a chemical sediment containing pyrite and minor graphite.

Anomaly D is a stronger conductor than Anomaly C on local lines and may be a continuation of Anomaly C.

Anomalies E,F,G,J and M are considered to be poor conductors possibly clay bedrock interfaces and are not considered targets for further exploration.

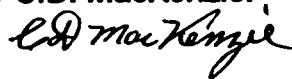
Anomalies H,I and K are single line weak conductors and do not appear to warrant further attention.

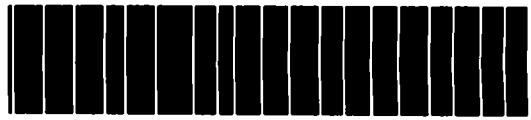
CONCLUSIONS AND RECOMMENDATIONS

Anomaly C and D should be checked by a Max-min Survey on lines 3W and 9W.

Anomaly A appears to be shallow enough to uncover with a backhoe. Claims should be acquired to the south before any further work is carried out in the vicinity of Anomaly A.

Respectfully submitted by C.D. MacKenzie.

A handwritten signature in cursive script that reads "C.D. MacKenzie".



42A05SE0002 2.15564 DENTON

020

SEP 09 1994
MINING LANDS BRANCH

2.15564

**VLF EM - 16 SURVEY
FOR THE
NOLAN BOA CLAIMS**

**DENTON TOWNSHIP
DISTRICT OF COCHRANE
PORCUPINE MINING DIVISION
PROVINCE OF ONTARIO**

**TIMMINS ONTARIO
JULY 20, 1994**

**C. D. MACKENZIE
CONSULTING GEOLOGIST**

*Deal-#
63.1225*



42A05SE0002 2.15564 DENTON

020C

TABLE OF CONTENTS

	PAGE
INTRODUCTION	1
PROPERTY	1
HISTORY OF CLAIMS COVERED BY VLF SURVEY	1
LINE CUTTING	1
VLF EM-16 ELECTRO MAGNETIC SURVEY	2
RESULTS OF THE VLF SURVEY	2
CONCLUSIONS AND RECOMMENDATIONS	3
MAP 1 - EM-16 SURVEY	1 : 2500 (BACK POCKET)
MAP 2 - LOCATION MAP	1" = 40 CHAINS (BACK POCKET)

INTRODUCTION

The following report describes the results of a VLF EM-16 survey carried out on part of a 12 unit claim 1193218.

PROPERTY

The property consists of 39 contiguous claims in DENTON township, the recorded holder is Nolen Boa of: 607-33 Golden Avenue, Timmins, Ontario, P4N 8A3. Prospectors License Number H8687, Client Number 109334.

This report covers only the grid cut on part of the 12 unit claim 1193218.

HISTORY OF CLAIMS COVERED BY VLF SURVEY

The history of the claim group has already been presented in a report on Grid No. 2 to be filed in conjunction with this report.

The only outcrop observed on Grid No. 3 was large outcrops of Granodiorite in the Northern section of the grid, most of the Southern area being covered by glacier deposits of clay, sand and boulders.

No trenches were observed on the lines cut for Grid No. 3. Large floats of Gabbro and Iron formation boulders were observed.

LINE CUTTING

An East - West baseline was established at the juncture of Mallette's Lumber Road and the 101 Highway. The baseline is 700 meters in length with lines turned off at 100 meter intervals from 0W to six west. 6.5 km of lines were cut and red by VLF. The line cutters were,

Nolan Boa,
607-33 Golden Avenue,
Timmins, Ontario, P4N 8A3
Prospectors Lic. #H8687
Client Number - 109334

Robert Turner
P.O. Box 1892
Timmins, Ontario.
Prospectors Lic. #M25112
Client Number - 203-807

VLF EM-16 ELECTRO MAGNETIC SURVEY

The VLF survey was carried out using a Geonics EM-16 VLF Receiver.

The unit measures the vertical in-phase component (tangent of the tilt angle of the polarization ellipsoid and the vertical out of phase component (the short axis of the polarization ellipsoid compared to the long axis) of the secondary field generated in the vicinity of the conductors.

A total of 271 readings were taken during the period from July 10 - July 12. The station used was Cutter Maine NAA 24.0 khz.

The operator was,

C.D. MacKenzie,
Pine Ridge Motel,
R.R. #2,
Timmins, Ontario, P4N 7C3
Prospectors Lic. #M-14518
Client Number - 162603

RESULTS OF THE VLF SURVEY

The results of the VLF survey carried out on part of the 12 unit claim 193218 in Denton twp are shown on a map in the back pocket of this report.

The map is on a metric scale of 1:2500.

The anomalies are designated on the map by the capital letters, A, B, C, D, E and F.

Anomaly A may be part of Anomaly B as they both show high out of phase component.

Anomaly B may be following the contact of the intrusive Granodiorite and the mafic volcanics.

Anomalies D, E and F are single line anomalies in the area of Granodiorite outcrops and may indicate local mineralized shears.

Anomaly C is a weak conductor in an area that may be mafic volcanics and may represent a narrow mineralized zone that appears to end on XL5W but may continue to the Southwest.

CONCLUSIONS AND RECOMMENDATIONS

Anomaly B may represent a mineralized zone following the Granodiorite contact. Magnetometer work should be carried out over Anomaly B. If the anomaly shows a magnetic response of over 800 gammas, pyrrhotite may be present and anomaly B would be a drill target worth considering based on the gold association with pyrrhotite on claim 643.

Anomaly C should also be checked for a magnetic response at the axis of the VLF conductor.

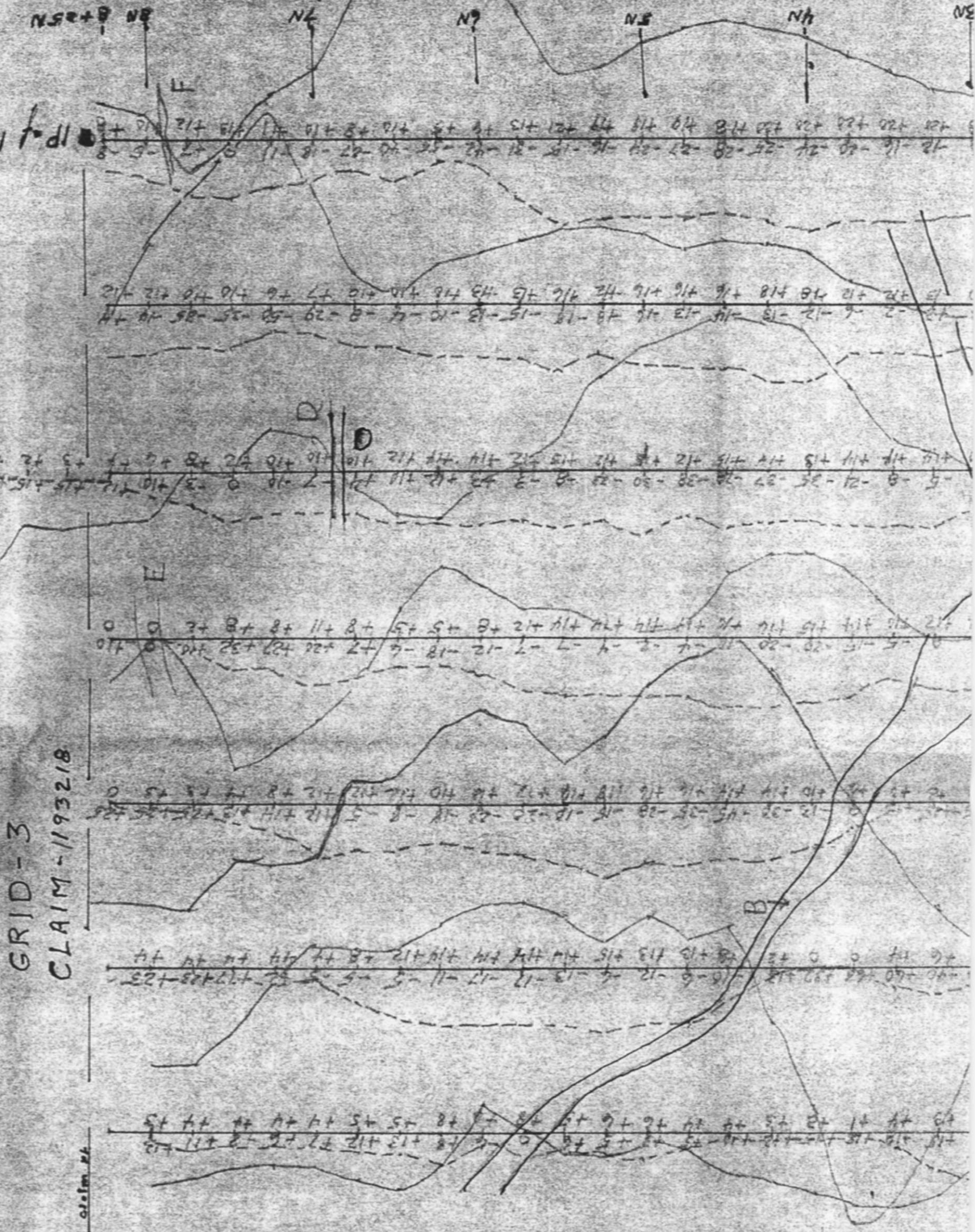
Should Anomaly C show a corresponding Mag anomaly line 7 should be cut south to the highway to check for the westward extension of Anomaly C.

Respectfully submitted: C.D. MacKenzie.

C.D. MacKenzie

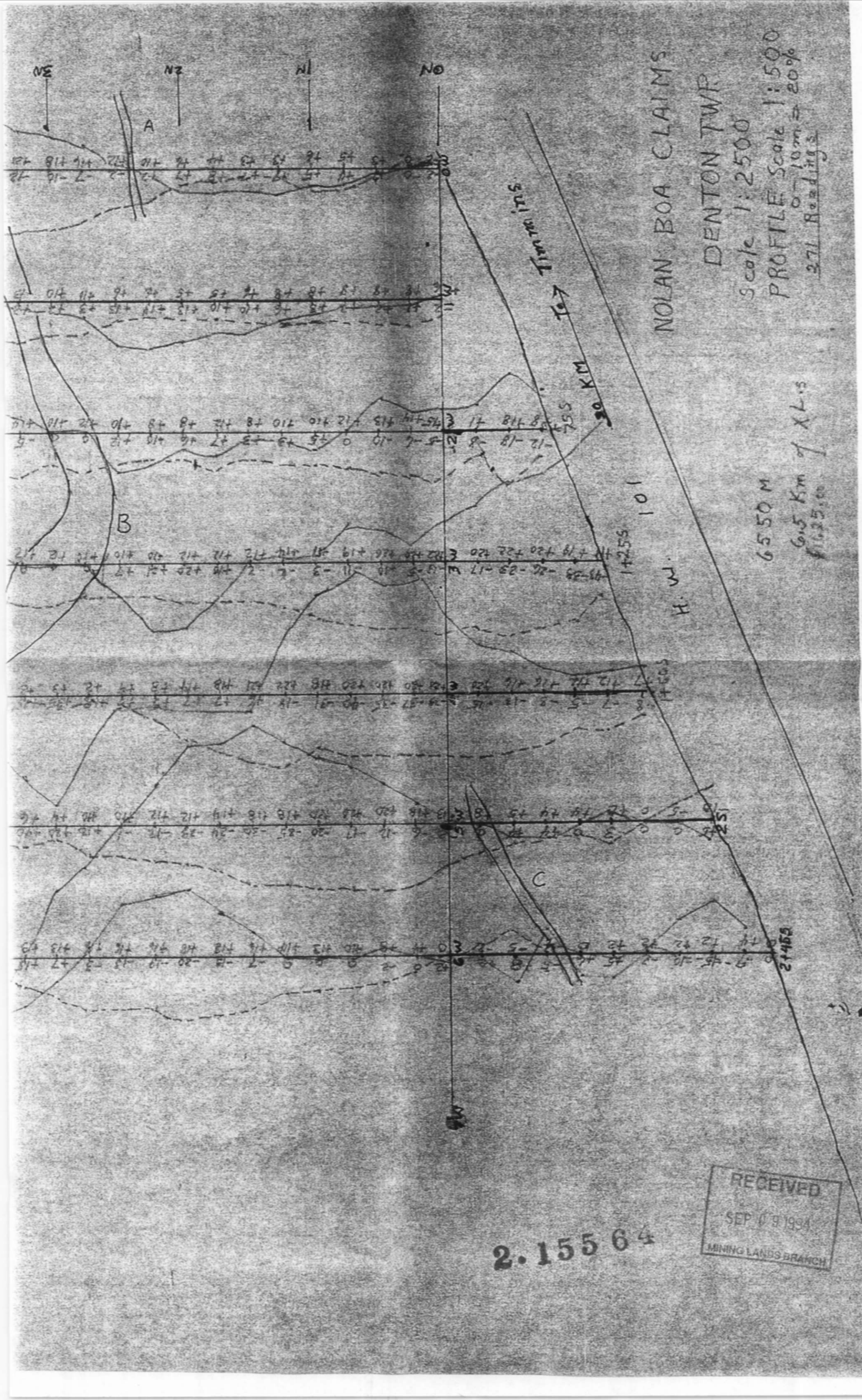
CARSCALLEN TWP.





RECEIVED
 SEP 19 1964
 MINING LANDS BRANCH

2-15564

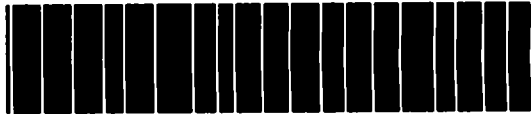


NOLAN BOA CLAIMS
 DENTON TWP
 Scale 1:2500
 PROFILE Scale 1:500
 271 Readings

6550 M
 6.5 Km of X.L.s
 271 Readings

RECEIVED
 SEP 11 1934
 MINING LANDS BRANCH

2.15564

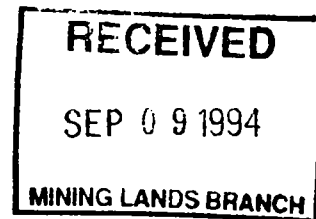


42A05SE0002 2.15564 DENTON

030

**GROUND MAGNETOMETER SURVEY
AND
VLF EM- 16 SURVEY**

**NOLAN BOA CLAIMS - DENTON TOWNSHIP
PORCUPINE MINING DIVISION
PROVINCE OF ONTARIO**



**Timmins, Ontario
June 27, 1994**

Qual. # 63.1225

**C. D. MacKenzie
Consulting Geologist**



42A05SE0002 2.15564 DENTON

030C

TABLE OF CONTENTS

	PAGE
INTRODUCTION	1
PROPERTY	1
LOCATION AND ACCESSIBILITY	1
HISTORY OF CLAIMS	1-2
LINE CUTTING	2-3
GROUND MAGNETOMETER SURVEY	3
RESULTS OF THE GROUND MAGNETOMETER SURVEY	3-4
VLF EM-16 ELECTROMAGNETIC SURVEY	4
RESULTS OF THE VLF SURVEY	4-5
RECOMMENDATIONS AND CONCLUSIONS	5
MAP 1 - MAGNETOMETER SURVEY	1 : 20,000 (BACK POCKET)
MAP 2 - VLF SURVEY	1 : 20,000 (BACK POCKET)
MAP 3 - LOCATION MAP	1 : 2640 (BACK POCKET)

INTRODUCTION

The following report describes the results of a ground magnetometer survey and a VLF EM - 16 survey carried out on parts of 2 claims, located in Denton township. This survey was carried out in order to locate on the ground a airborne E.M. anomaly detected by an ODM-G5C airborne survey in 1988.

PROPERTY

The property consists of 39 contiguous claims in Denton township, the recorded holder is Nolan Boa of : 607-3, 3 Golden Avenue, Timmins, Ontario, P4N 8A3. Prospectors License Number H8687, Client Number 109334.

This report covers only part of 2 claims, claim 117493 and claim 1190580L (a 2 unit claim) located in Denton Township near Highway 101.

LOCATION AND ACCESSIBILITY

The property can be reached by car from the city of Timmins, traveling west on Highway 101, for a distance of 30 kilometers.

The highway passes through the entire claim group at this point. A gravel road going north to Whitesides township, crosses the claim group from south to north in the central part of the claim group.

HISTORY OF THE CLAIMS

Part of the present claim group was held in the 1910 - 1930 's by Jowsey Denton Gold Mines Ltd. Pits and trenching were carried out on narrow shear zones carrying high gold values, where heavy sulfides were sampled. Narrow veins of massive pyrrhotite had gold values in the 10 to 20 oz's per ton range.

A vertical shaft went down to a depth of 17 feet on claim 643. Diamond drilling failed to outline sufficient tonnage.

This shaft is the center of a small open pit filled with water, where 2000 tons of ore were trucked to the Pamour in the 1970's, by two American prospectors. Later claim 643 on which the shaft was sunk was held under lease by Newmont Mining, who presently are holding the single claim located near the center of the claims held by Nolan Boa.

Newmont drilled a vertical hole about 25 meters south of the center of the water filled open pit and intersected (10.67 meters) or (35 feet) of a heavily mineralized shear zone, assaying in excess of 1 oz per ton gold. The true width of the pyrrhotite mineralization is about 1.52 meters or 5 ft. The intersection started at 122 meters or approximately at 400 feet vertical depth in the drill hole. No visible gold was observed in the core.

Newmont Mining was the last major company to carry out work in this area. Previous to Newmont, Hollinger Mines Ltd. carried out a drill program on claim 643 but failed to prove up sufficient tonnage's to continue.

The surrounding claims are presently held by Nolan Boa and prospecting, VLF and magnetometer surveys over selected areas are presently under way funded by a OPAP grant.

This report covers only parts of 2 claims covered by MAG and VLF on the first grid.

LINE CUTTING

A Baseline was put in along a surveyed claim line for a length of 500 meters. Starting at I.E. 100 meters east of the No. 1 post of 1177493 to the No. 4 post of 1177493. Lines were turned off true south from 100 E to 200 W at 50 meter intervals

XL 100 E	425 M
XL 50 E	350 M
XL 0 E	400 M
XL 50 W	400 M
XL 100 W	400 M
XL 150 W	375 M
XL 200 W	150 M

Baseline 1 E to 4 W was 500 meters long and 2500 meters of picket lines were cut with stations at 25 meter intervals, Lines were cut during the period of May 15/94 to May 31/94.

The line cutters were,

Nolan Boa
607 - 33 Golden Avenue
Timmins, Ontario, P4N 8A3
Prospectors License # H 8687
Client Number - 267-2955

Robert Turner
P. O. Box 1892
Timmins, Ontario
Prospectors License # M25112
Client Number - 203 807

GROUND MAGNETOMETER SURVEY

The Ground Magnetometer Survey was completed using a FLUX gate vertical magnetometer, the M-700 model, the mag was set at 400 gamma's on the 1K scale over a low magnetic outcrop. The main base station was established at 1 + 25m west on the baseline, the B. L. was read at 25 meter intervals and readings tied into the main base station. The M-700 has scales at 1K, 3K and 10K and is capable of reading up to 100,000 gamma's. The operator was C. D. MacKenzie, Pine Ridge Motel RR # 2, Timmins, Ontario P4N 7C3, Prospectors License: M-14518, Client Number: 162603.

The Magnetometer Survey was completed in one day on June 9TH 1994. Each loop was checked into the main base station and readings corrected for Diurnal variation.

RESULTS OF THE GROUND MAGNETOMETER SURVEY

The results of the survey on part of 2 claims in Denton Township, Porcupine Mining Division are shown on a Map in the back pocket of this report. The map is on a metric scale of 1 : 120,000.

The anomalies are designated on the map by the capital Letters A, B, C, D, E, F and G.

Anomaly A and B appear to be part of a drag folded iron formation, that may contain magnetic Pyrr as the readings are to low for bands of Magnetite. A fault is interpreted as a explanation for the sharp cut off, of such a wide magnetic high.

There is no outcrop in the area of the high magnetics and flat swampy ground indicates deep overburden from 60 to 100 + feet in depth.

Anomaly C may be part of a fold in the Iron formation D, E and F are magnetic lows that may be the result of deeper overburden areas. The G anomaly is local high in a magnetic low area and could represent a hill under varied clay. The single high readings that remain may be near surface magnetic boulders left by the last glacier.

An explanation of the VLF anomalies and any connection they have with the magnetics will be given in the report under VLF Results.

VLF EM 16 ELECTROMAGNETIC SURVEY

The VLF survey was carried out using a Geonics EM 16 VLF Em receiver. The unit measures the vertical In-phase component (tangent of the tilt angle of the polarization ellipsoid) and the vertical Out-of-phase component (the short axis of the polarization ellipsoid compared to the long axis) of the secondary field generated in the vicinity of conductors.

A total of 99 readings were taken on two separate days, June 3rd 1994 and June 8th 1994. The station used for the survey was NAA Cutler Maine, USA - 24.0 KHZ.

The Operator was C. D. MacKenzie of Timmins, Ontario. Address and License number is given under Magnetometer Survey in this report.

RESULTS OF THE VLF SURVEY

The results of the VLF survey are shown on a map in the back pocket of this report. The Anomalies are designated on the map by the letters A, B and C.

Anomaly A trends across the claim in East-West direction. Has a very poor out of phase component and has no relation to the Magnetics.

The anomaly appears to die out on line OE and widens out on line OW. The Hydro line appears to have a strong out of phase of effect on the readings, but the VLF can be read within 25 meters of the wires.

Anomaly C is very weak and only noticeable for 4 lines and may be a clay against bedrock effect.

Anomaly C is under the center of the highway and appears to be caused by weeping tiles or some other culture beneath the highway.

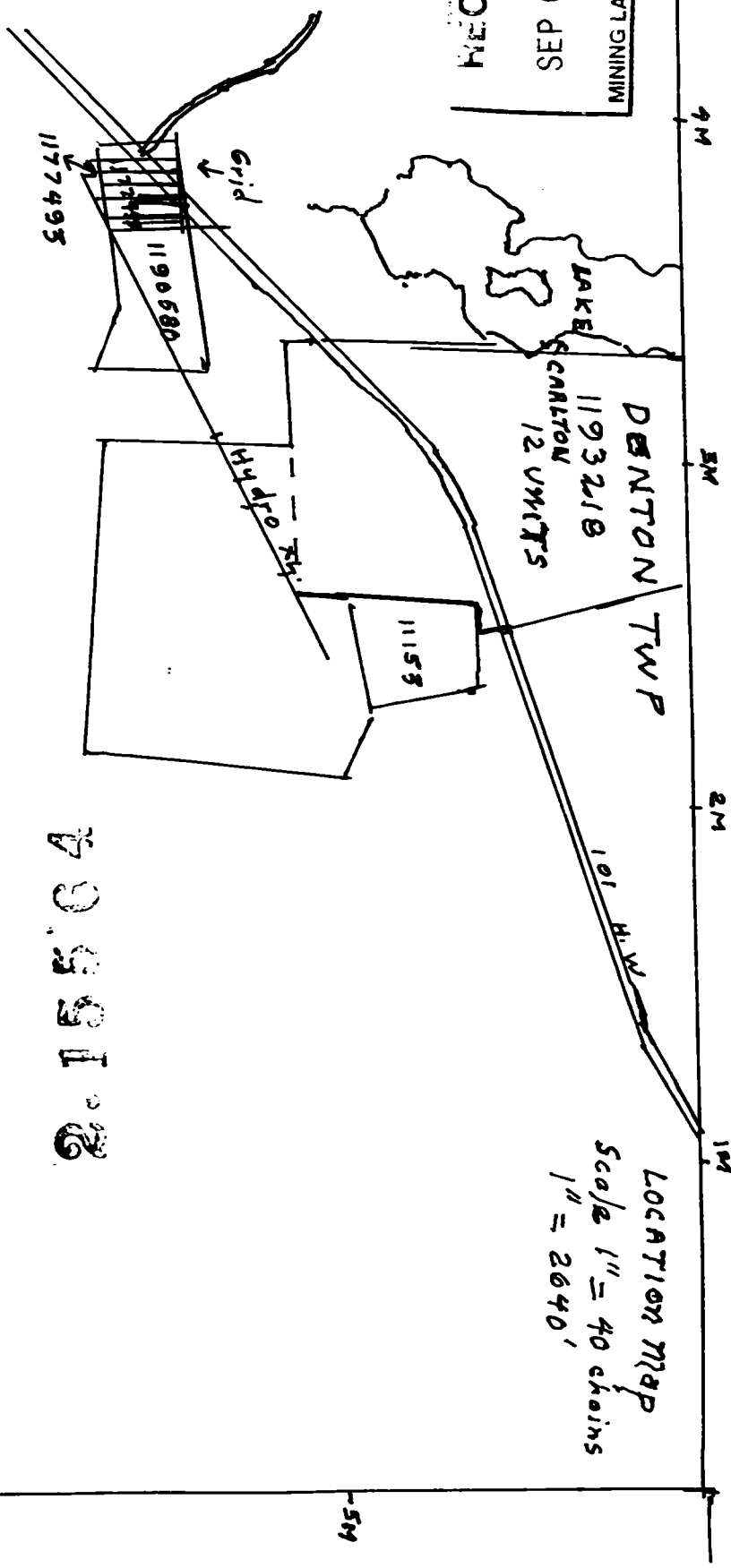
RECOMMENDATIONS AND CONCLUSIONS

A hole across the magnetics at a point where a VLF anomaly is present may have some merit. Conclusions are that the rest of the claims should be covered first to see if better anomalies are found (that have not been drilled) before any drilling is carried out.

Respectfully submitted by : C. D. MacKenzie
Consulting Geologist

C D MacKenzie

RECEIVED
SEP 09 1994
MINING LANDS BRANCH



LOCATION 778P
Scale 1" = 40 chains
1" = 2640'

705912

799912

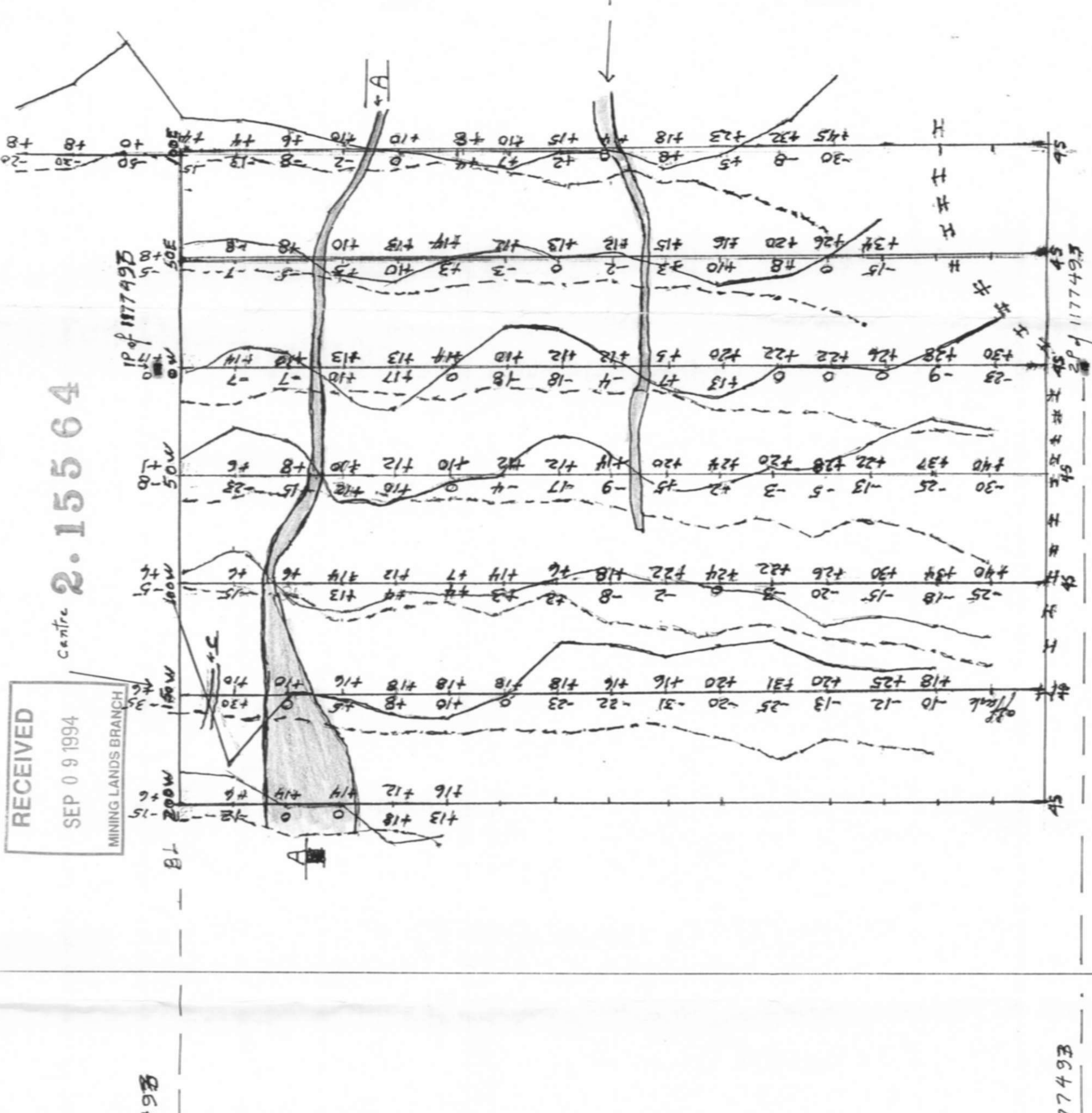
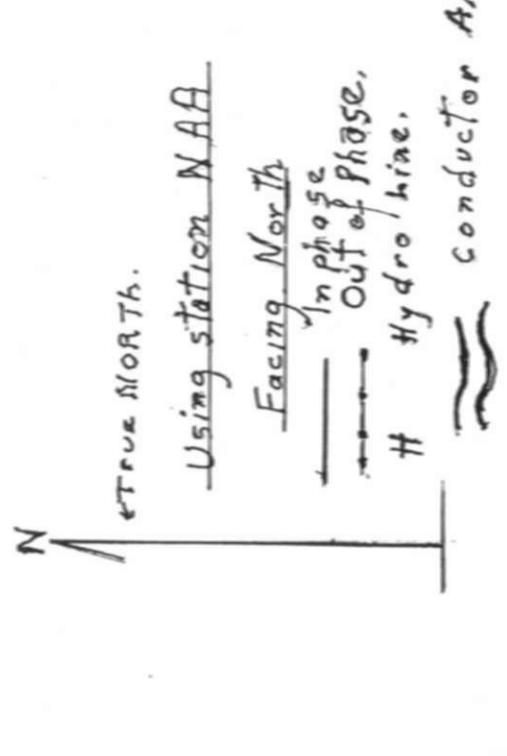
REMOVED
SEP. 09-1994

CARSCALLEN TWP.

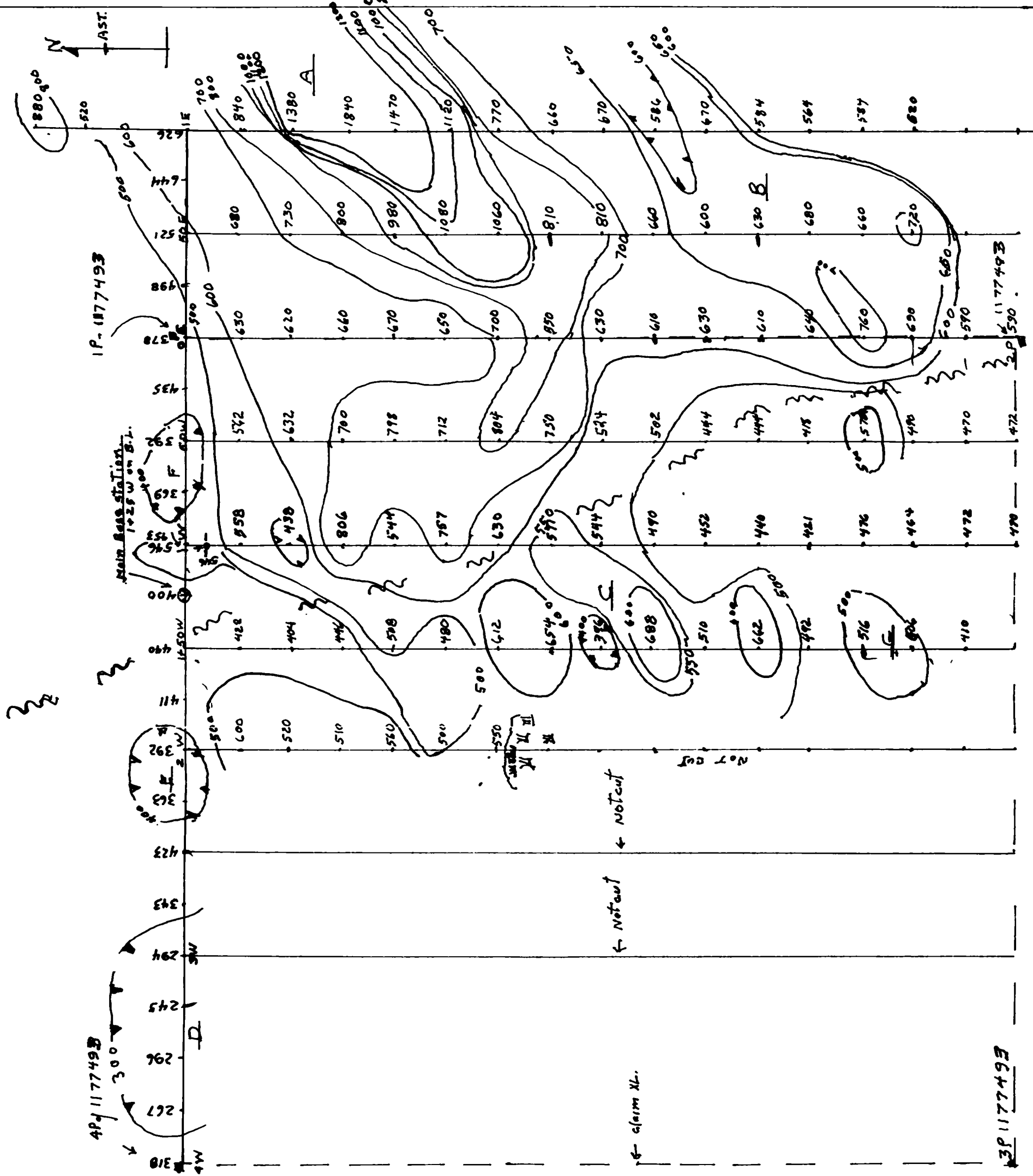


1:20,000
 Stations every 25 meters.
 V.L.F. PROFILES 1120

DENTON TWP
 NOLAN BOA CLAIMS
 GRID LINES 50 METER
 Scale 1:20,000
 Profiles 1:1000



Scale 1:20,000 METERS



RECEIVED
 SEP 1 5 1994
 MINING LANDS BRANCH

2. 15564

McPHAR FLUX GATE MAG SURVEY
 100 ft contours Base Station at B.L. 1177498
 DENTON TWP Nolan Co Tex Claims.



Report of Work Conducted After Recording Claim

Mining Act

Transaction Number
W9460.00179

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) 670-7284.

2.15564

- Instructions:
- Please type or print and submit in duplicate.
 - Refer to the Mining Act and Regulations for a Recorder.
 - A separate copy of this form must be completed.
 - Technical reports and maps must accompany.
 - A sketch, showing the claims the work is assai



42A05SE0002 2.15564 DENTON

900

Recorded Holder(s) NOLAN BOA	Client No. 109334
Address APT. 607 33 ELDEN AVE. E. TIMMINS ONT. P4W-8A3	Telephone No. 267-2955
Mining Division PORCUPINE	Township/Area DENTON TWP
	M or B Plan No. 63221
Date Work Performed From: MAY 25 1994	To: AUG 4 1994

Work Performed (Check One Work Group Only)

Work Group	Type
<input checked="" type="checkbox"/> Geotechnical Survey	LINE CUTTING VLF EM 16 MAGNETOMETER
<input type="checkbox"/> Physical Work, including Drilling	
<input type="checkbox"/> Rehabilitation	
<input type="checkbox"/> Other Authorized Work	
<input type="checkbox"/> Assays	
<input type="checkbox"/> Assignment from Reserve	

RECEIVED
SEP 09 1994
MINING LANDS BRANCH

\$11,542.00

Total Assessment Work Claimed on the Attached Statement of Costs \$ 16,612.00

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
C.D. MACKENZIE	PINE RIDGE MOTEL RR#2 TIMMINS P4W-7C3
J. HALONDE	
R. TURNER	
N. BOA	

(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	Recorded Holder or Agent (Signature) Halonde
--	------	---

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 NOLAN BOA		
Telephone No. 267-2955	Date AUG 29/94	Certified By (Signature) Halonde

For Office Use Only

Total Value Cr. Recorded \$ 11,542.00	Date Recorded	Mining Recorder	Recorded Stamp RECEIVED AUG 29 1994 7B 3:00 PORCUPINE MINING DIVISION
	Deemed Approval Date November 27/94	Date Approved	
	Date Notice for Amendment Sent SEPT. 6/94		

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units
	1177489	1
	1177490	1
	1177491	1
	1177492	1
	1177493	1
	1177494	1
	1177495	1
	1177496	1
	1177497	1
	1177498	1
	1177499	1
	1177500	1
	1181501	1
	1181502	1
	1181503	1
	1190580	2
	1190581	2
Total Number of Claims		

Value of Assessment Work Done on the Claim	Value Applied to the Claim
	\$ 400
	\$ 400
	\$ 400
	\$ 460
	\$ 400
	\$ 400
	\$ 400
	\$ 400
	\$ 400
	\$ 400
	\$ 400
	\$ 612
	\$ 400
	\$ 400
	\$ 400
	\$ 400
	\$ 800
	\$ 800
Total Value Work Done	Total Value Work Applied

Value Assigned from the Claim	Reserve: Work to be Claimed at a Future Date
Total Assigned From	Total Reserve

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 prioritize the deletion of credits. Please mark (✓) one of the following:

- Credits are to be cut back starting with the claim listed last, working backwards.
- Credits are to be cut back equally over all claims contained in this report of work.
- Credits are to be cut back as prioritized 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	Date
---	-----------	------

Numéro de rapport sur les travaux exécutés pour l'exécution de la réserve	Numéro de claim	Nombre d'unités
2. 155 6 4	1193 219	2
	1190 600	8
	1193 219	12
Nombre total de claims		20

Numéro de rapport sur les travaux exécutés pour l'exécution de la réserve	Numéro de claim	Nombre d'unités	Montant des travaux exécutés sur ce claim	Montant des travaux effectués à ce claim
2. 155 6 4	1193 219	2	4287.00 US	210
	1190 600	8	1148.00 US	2930
	1193 219	12	1664.00 US	1664
Montant total des travaux exécutés			1664	11542
Montant total des travaux qui a été effectués			1664	11542

Numéro de rapport sur les travaux exécutés pour l'exécution de la réserve	Numéro de claim	Nombre d'unités	Montant des travaux exécutés sur ce claim	Montant des travaux effectués à ce claim	Montant des travaux transférés de ce claim	Montant des réserves à réclamer à une date ultérieure
2. 155 6 4	1193 219	2	4287.00 US	210	4287.00 US	
	1190 600	8	1148.00 US	2930	1148.00 US	
	1193 219	12	1664.00 US	1664	1664.00 US	
Montant total des travaux transférés			1664	11542	1664	
Montant total des réserves						

RECEIVED
 SEP 09 1994
 MINING LANDS BRANCH

Les crédits que vous réclamez dans le présent rapport peuvent être réduits. Afin de diminuer les conséquences défavorables de telles réductions, veuillez indiquer l'ordre dans lequel vous désirez qu'elles soient appliquées à vos claims. Veuillez cocher (✓) l'une des options suivantes :

1. Les crédits doivent être réduits en commençant par le dernier claim sur la liste.
2. Les crédits doivent être réduits également entre tous les claims figurant dans le présent rapport.
3. Les crédits doivent être réduits selon l'ordre donné en annexe.

Si vous n'avez pas choisi d'option, la première sera appliquée.

Note 1 : Exemples d'intérêts bénéficiaires : cessions non enregistrées, ententes sur des options, protocoles d'entente, etc. relatifs aux claims.

Note 2 : Si des travaux ont été exécutés sur un terrain faisant l'objet de lettres patentes ou d'un bail, veuillez remplir ce qui suit:

Je certifie que le titulaire enregistré possédait un intérêt bénéficiaire sur le terrain faisant l'objet de lettres patentes ou d'un bail au moment où les travaux ont été exécutés.	Signature	Date
--	-----------	------



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

W9460.00179

2.155 0/4

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, 150 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, 150, rue Cedar, 4^e étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7264.

1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour 27 days Main-d'oeuvre @ 150	4050-	
	Field Supervision Supervision sur le terrain		4650-
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert- conseil	Type Survey	2941-	
	Line cutting	6730-	
	Reports	1100-	10771-
Supplies Used Fournitures utilisées	Type Paint	66-	
	Ribbon etc	36 ⁸⁶	
	Chainsaw Gas	166 ⁵⁵	
			26941-
Equipment Rental Location de matériel	Type VLF	900-	
			900-
Total Direct Costs Total des coûts directs			15990-

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 car		
	1980 km @ .30	594-	
Feed and Lodging Nourriture et hébergement			
		2805-	2805-
Mobilization and Demobilization Mobilisation et démobilisation			
Sub Total of Indirect Costs Total partiel des coûts indirects			6240-
Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)			3208-
Total Value of Assessment Credit (Total of Direct and Allowable Indirect costs)			16612-

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
	x 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	Evaluation totale demandée
	x 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 RECORDED HOLDER 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: AUG 29/94



Ontario

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

~~Geoscience Approvals Office~~
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

October 19, 1994

Our File: 2.15564
Transaction #: W9460.00179

Telephone: (705) 670-5853
Fax: (705) 670-5863

Mining Recorder
Ministry of Northern Development & Mines
60 Wilson Avenue,
1st Floor
Timmins, Ontario
P4N 2S7

Dear Sir/Madam:

**Subject: APPROVAL OF ASSESSMENT WORK CREDITS ON MINING CLAIMS
P.1177493 & 1190600 IN DENTON TOWNSHIP**

Assessment work credits have been approved as outlined on the report of work form for the submission. The credits have been approved under Section 14 Geophysics (Mag & VLF), Mining Act Regulations.

The approval date is October 18, 1994.

If you have any questions regarding this correspondence, please contact Lucille Jerome at (705) 670-5855.

ORIGINAL SIGNED BY:

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

LJ/jl
Enclosures:

cc: Resident Geologist
Timmins, Ontario

✓ Assessment Files Library
Sudbury, Ontario



CARSCALLEN TWP

Grid #3

DENTON TWP

6M

5M

4M

3M

PROV PARK

1843

R MABREY L.

8175

1053

7M

6M

M.W. lot

LOCATION MAP

SCALE 1" = 40 chains.

RECEIVED

SEP 09 1994

MINING LANDS BRANCH

2.15564

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION:

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

Description	Order No.	Date	Disposition	File
(R1) SEC. 43/70		FEB 3/66	M + S	17150E
(R2) DANA AND JOWSEY PARK RESERVE		NOV 18/83	S.R.O.	
(R4) RESERVED FOR PUBLIC USE			S.R.O.	
(R5) SURFACE RIGHTS ONLY WITHDRAWN FROM STAKING ORDER NO. NRW 94/84 DATED 84-JULY-04 (WASTE DISPOSAL SITE)				

SAND AND GRAVEL

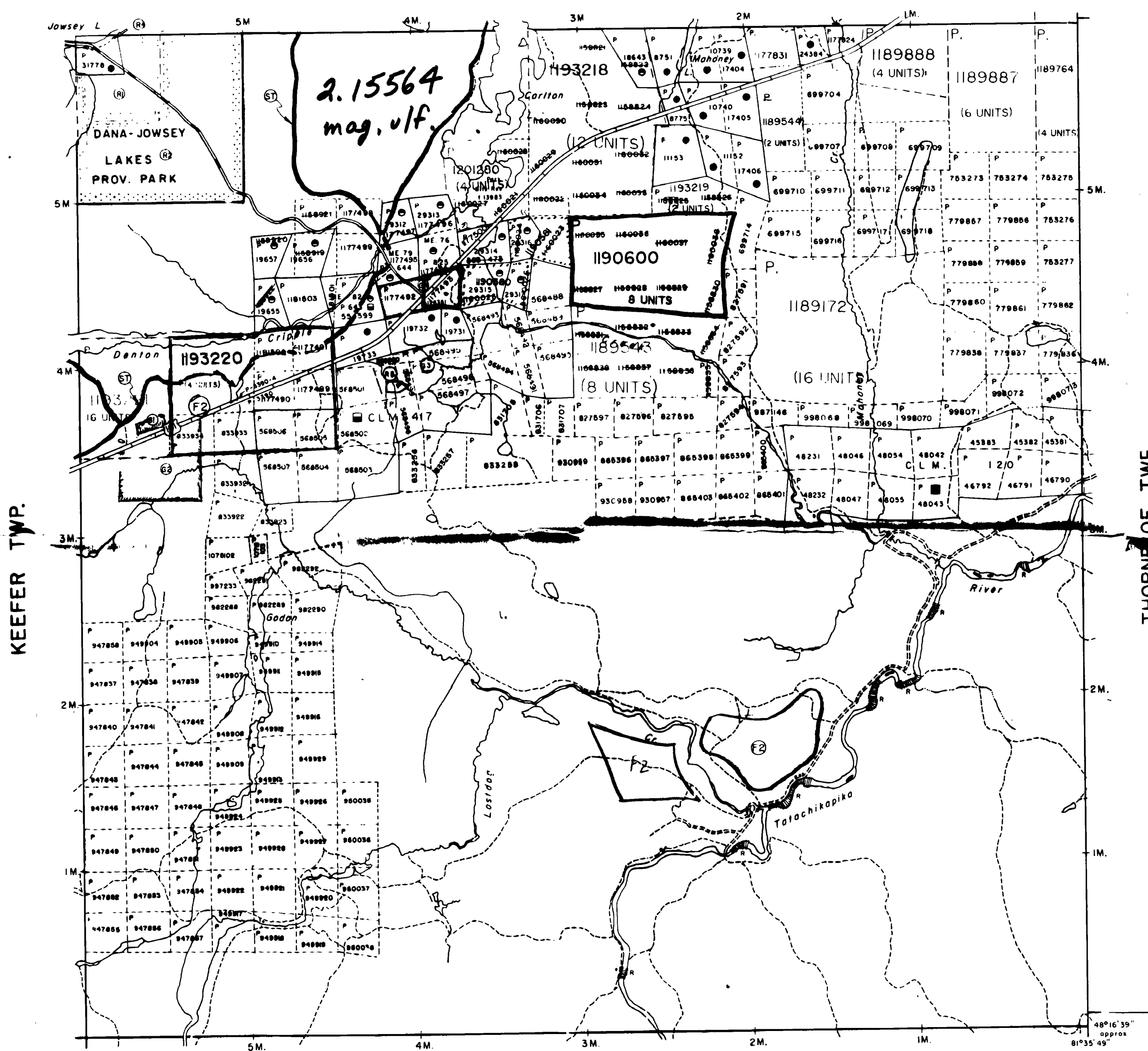
(G1) M.T.C.	PIT 1417	FILE 126351
(G2) M.T.C.	PIT 1236	FILE 126351
(G3) M.T.C.	PIT 1470	
(G4) M.T.C.	PIT 1331	

(S7) APPLICATION PENDING UNDER THE PUBLIC LANDS ACT NOTICE RECEIVED 92-DEC-21 SNOWMOBILE TRAILS

(S2) THIS TWP. SUBJECT RIGHTS TO FOREST ACTIVITY IN 1994/95 FURTHER INFORMATION AVAILABLE ON FILE.

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

CARSCALLLEN TWP.



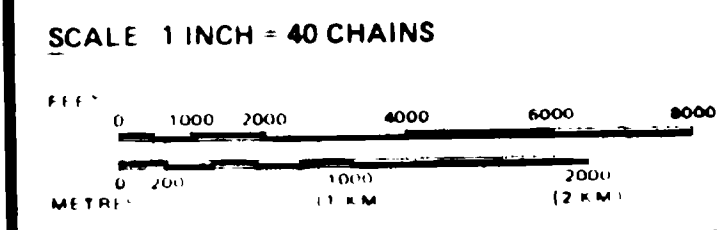
LEGEND

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

DISPOSITION OF CROWN LANDS

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

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6 1900 ARE MARKED IN ORIGINAL PATENTEE BY THE PUBLIC



2.15564

RECEIVED

TOWNSHIP
DENTON SEP 8 1994

M.N.R. ADMINISTRATIVE DISTRICT

TIMMINS
MINING DIVISION

PORCUPINE
LAND TITLES / REGISTRY

COCHRANE
MINING DIVISION

RECEIVED

SEP 09 1994

MINING DIVISION

Ministry of Natural Resources
Ontario

Land Management Branch

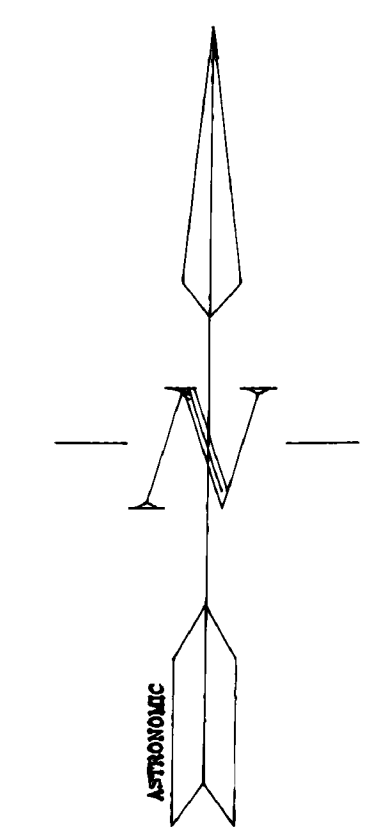
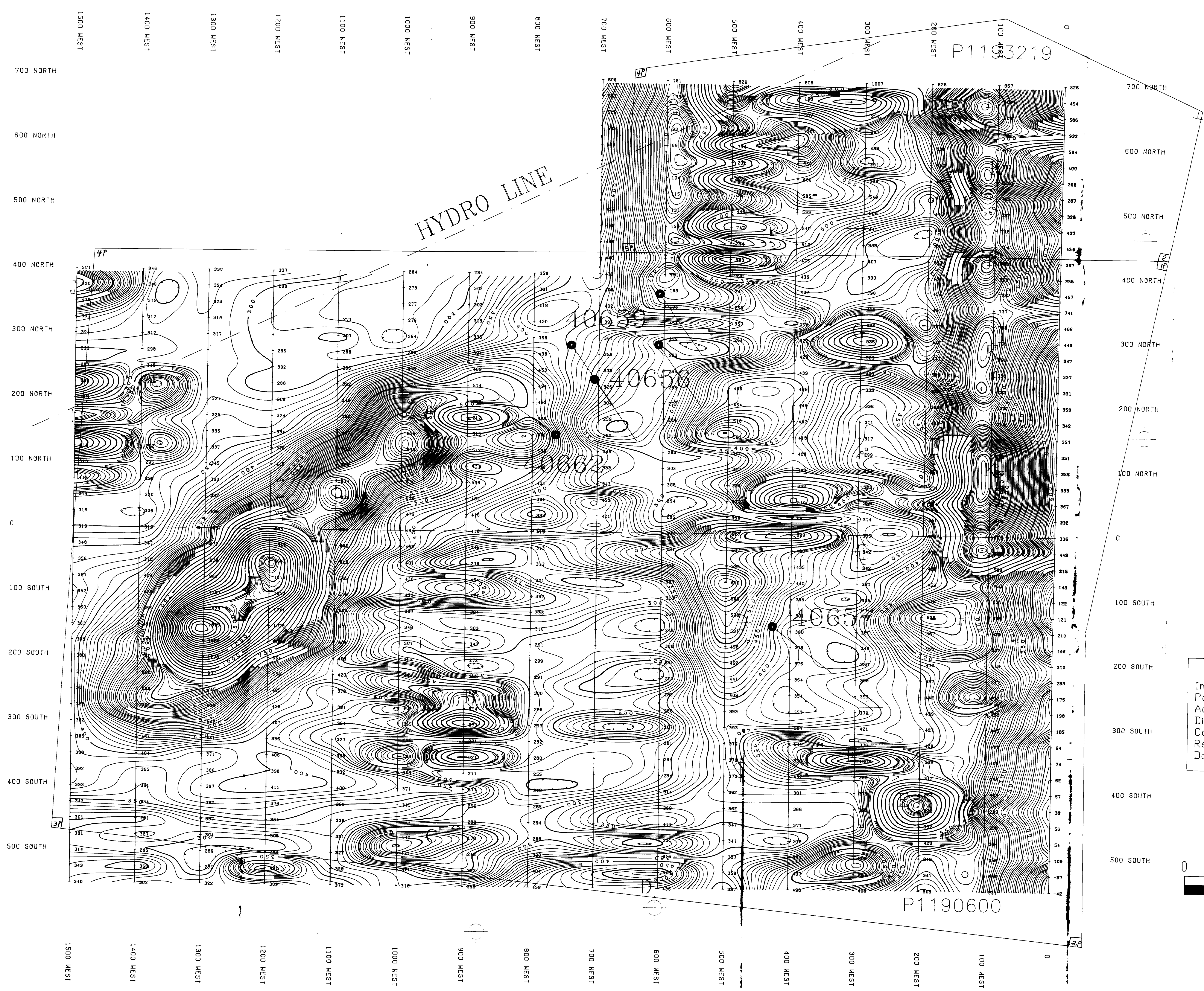
Date: MARCH, 1985

ACTIVATED AUGUST 17, 1992 BY D.C.

CHECKED BY B.B.

Number: **G-3224**





LEGEND

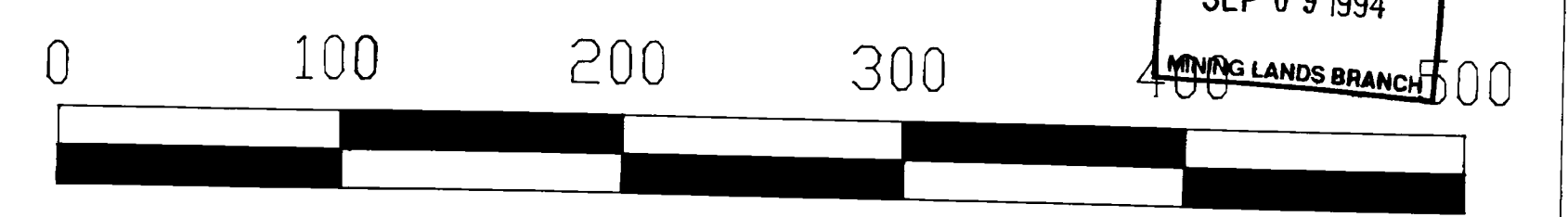


AIRBORNE ANOMALY

Instrument: GEOMETRICS G-816/PARK RANGER GM-122
 Parameters Measured: Earth's total magnetic field
 Accuracy: +/- 1 nano-teslas
 Diurnals: Corrected by base station looping
 Contour Interval: 0,10,20,30,40,.....
 Reference Field: 58,000 gammas
 Datum Subtracted: 58,000 gammas

2.15564

RECEIVED
 SEP 09 1994
 MINING LANDS BRANCH

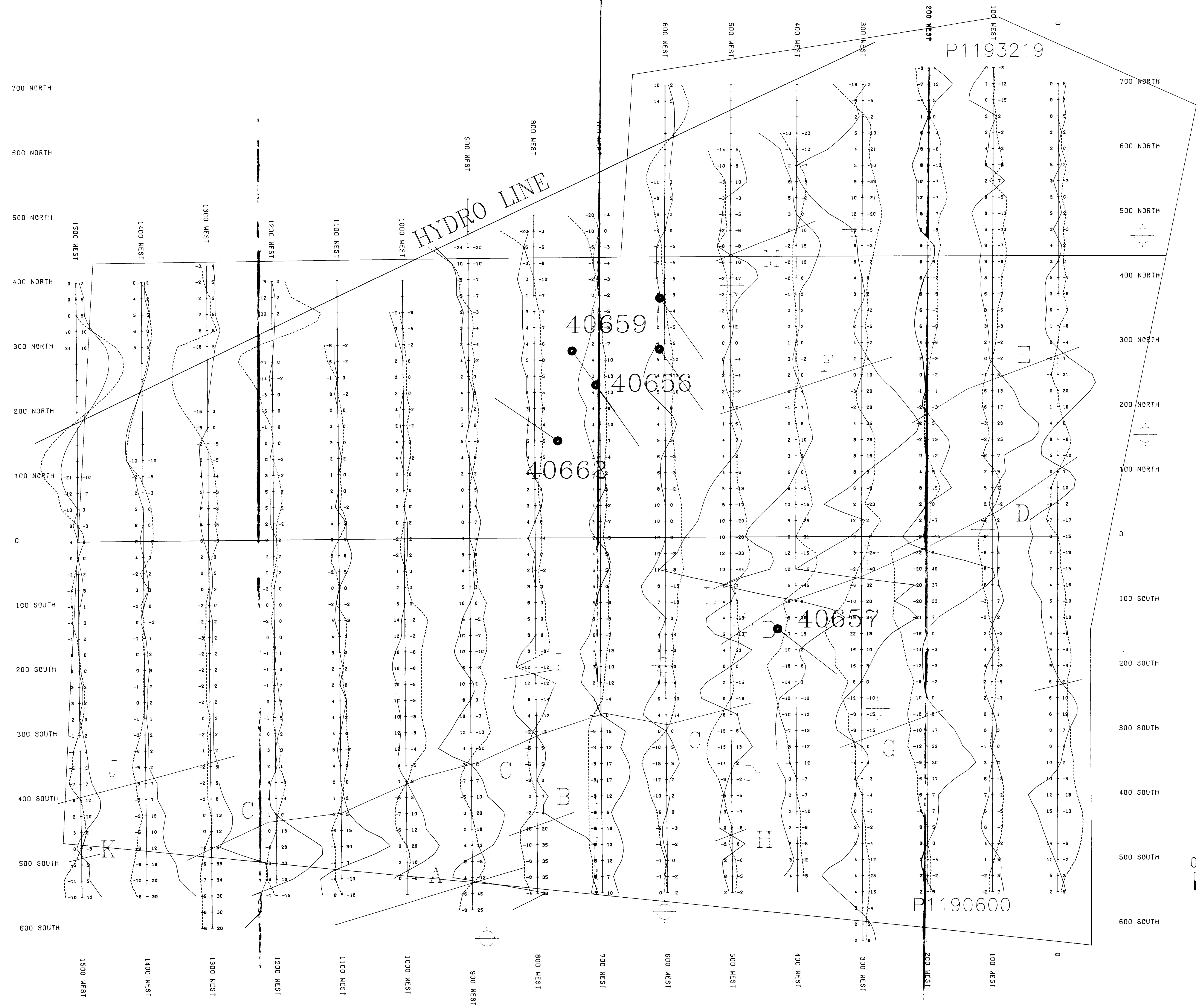
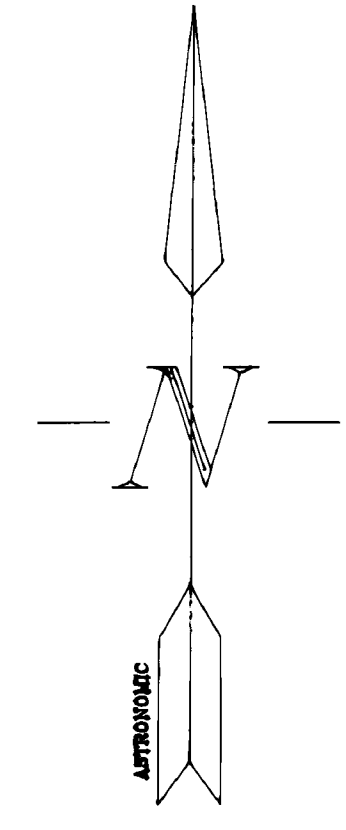


MAP 1

PROPERTY: NOLAN BOA - DENTON TW.
 TITLE:
 TOTAL FIELD MAGNETOMETER

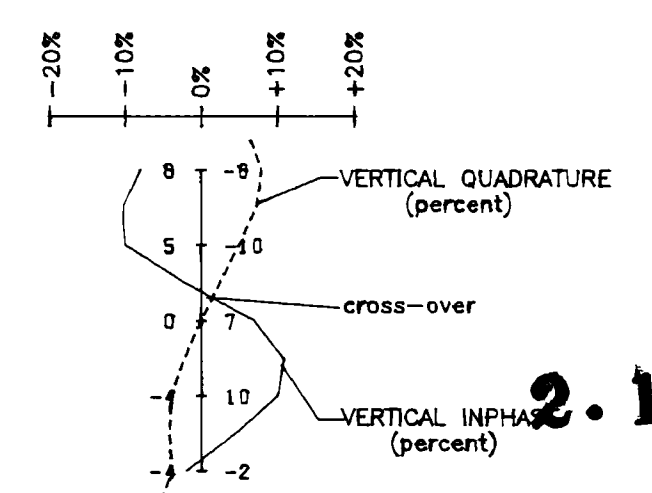
Date: 02/08/94 Scale: 1:2500 NTS: 42 A/05
 Drawn: W.M. Interp: C. M. Job No.:

RECEIVED
SEP 09 1994
MINING LANDS BRANCH



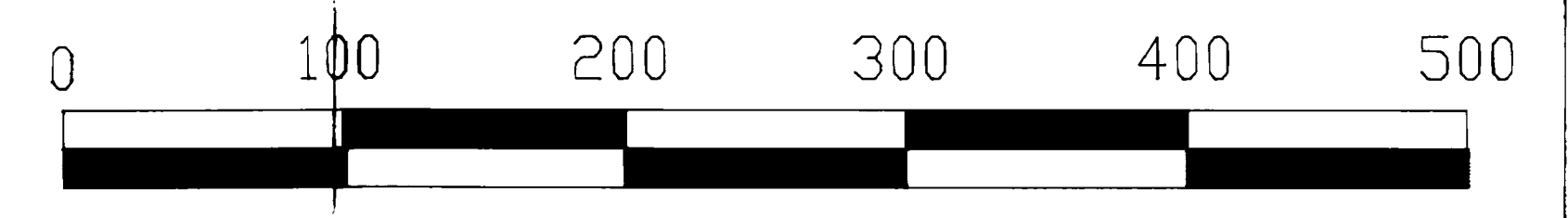
LEGEND
INSTRUMENT: GEONICS EM-16
TRANSMITTER STATION: CUTLER, MAINE
FREQUENCY: 24.0 Hz
VERTICAL SCALE: 1CM = 10%

AIRBORNE ANOMALY



2.15564

RECEIVED
SEP 09 1994
MINING LANDS BRANCH



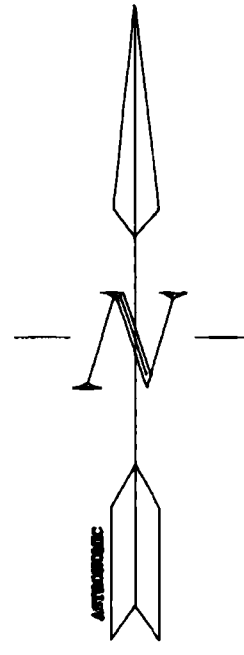
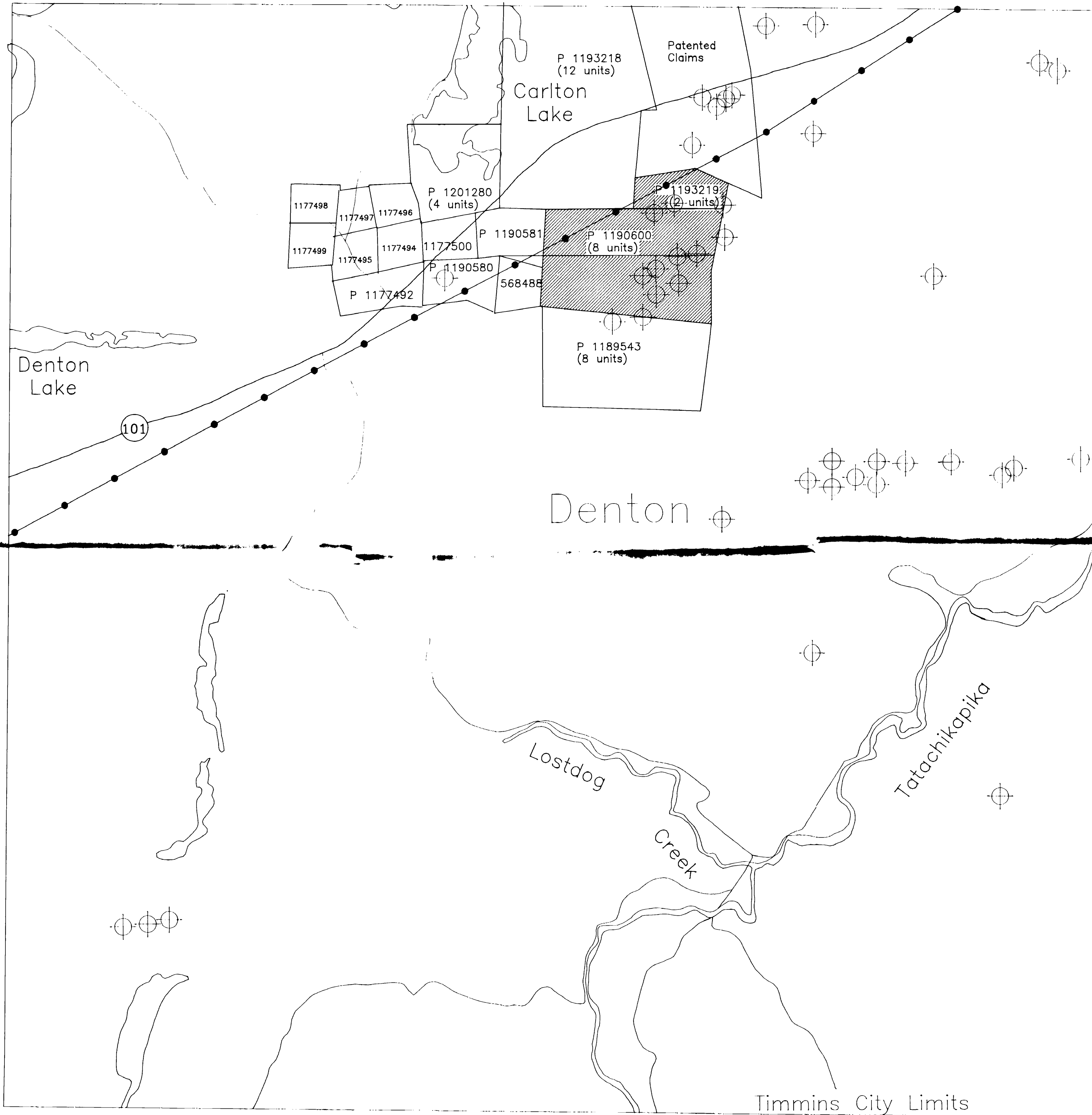
MAP 2

PROPERTY: NOLAN BOA - DENTON TW.

TITLE:
VLF-EM PROFILES

Date: 02/08/94 Scale: 1:2500 NTS: 42 A/05
Drawn: W.M. Interp: C. M. Job No.:





LEGEND

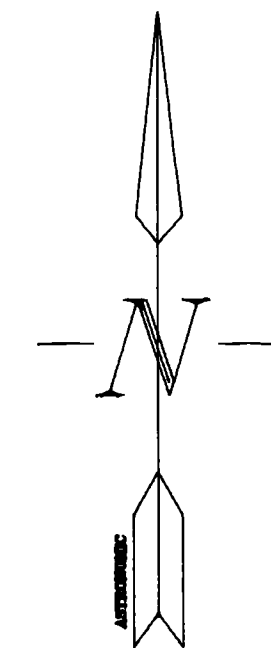
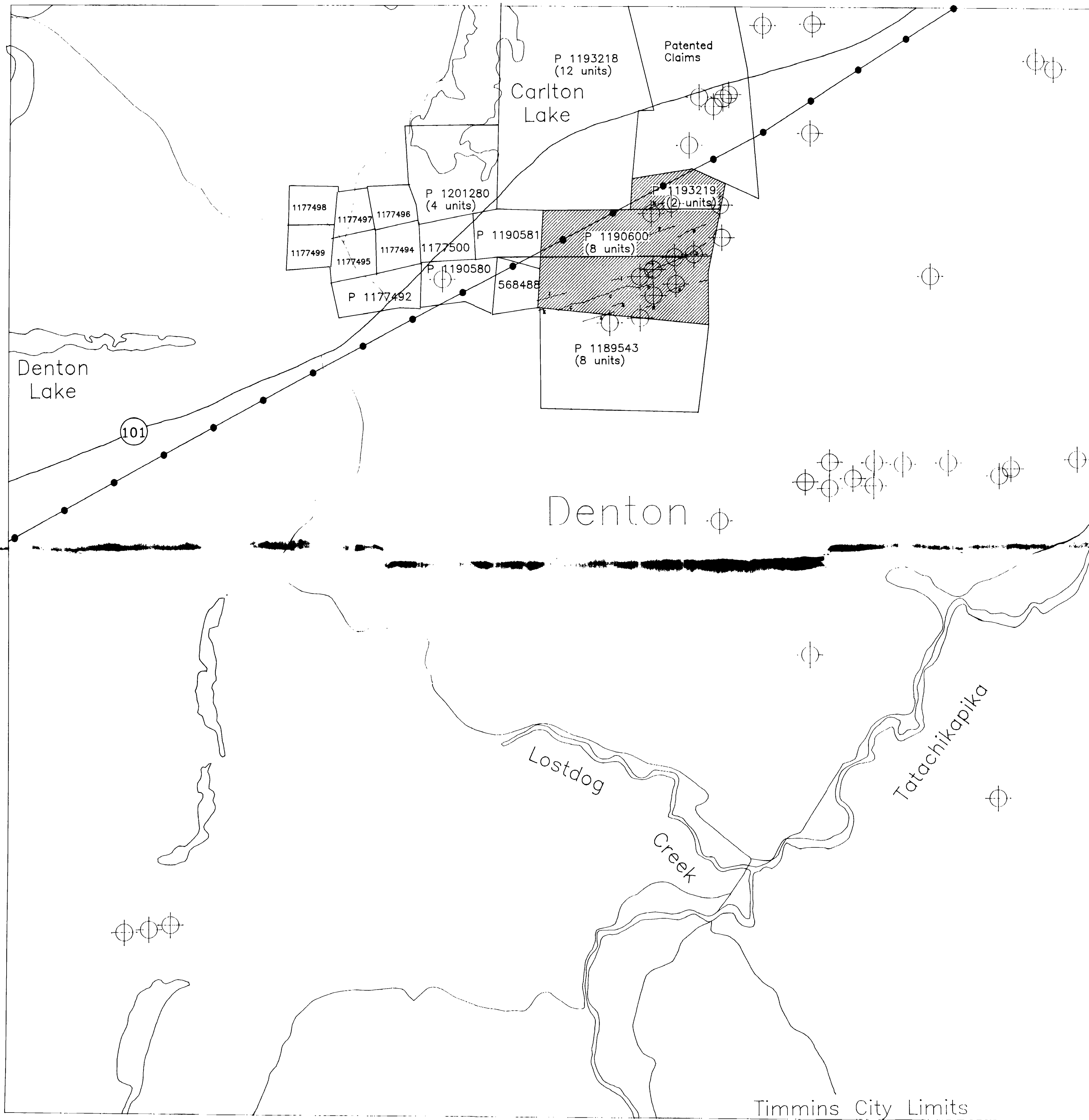
RECEIVED
SEP 09 1994
AIRBORNE ANOMALY MINING LANDS BRANCH

2.155 64



MAP 3		
PROPERTY: NOLAN BOA - DENTON TWP.		
TITLE: MAGNETOMETER SURVEY LOCATION		
Date: 02/08/94	Scale: 1:20,000	NTS: 42 A/05
Drawn: W.M.	Interp: C. M.	Job No.:





LEGEND

 AIRBORNE ANOMALY

RECEIVED
SEP 09 1994
MINING LANDS BRANCH

2.155 64



<h1>MAP 4</h1>		
PROPERTY: NOLAN BOA - DENTON TW.		
TITLE: VLF-EM SURVEY LOCATION		
Date: 02/08/94	Scale: 1:20,000	NTS: 42 A/05
Drawn: W.M.	Interp: C. M.	Job No.:

