

41P12SW0049 2.10900 CHESTER

010

GEOPHYSICAL SURVEY REPORT  
OF THE  
BLACK PROPERTY  
CHESBAR RESOURCES INC.

YEO AND CHESTER TOWNSHIPS  
SUDBURY MINING DIVISION  
ONTARIO  
N.T.S. 41 P/12

JANUARY 1988

MICHAEL J. PERKINS

*2nd on this file.*

RECEIVED  
MAR 10 1988  
MINING LANDS SECTION



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## INTRODUCTION

In late October 1987, a total field magnetics and VLF-EM survey was completed on the Black Property in Yeo and Chester Townships by Chesbar Resources Inc. The survey was performed with an EDA Instruments Inc., OMNI-PLUS system. This consisted of a proton procession magnetometer and a 3 coil VLF set on 24 KHz., Cutler Maine. Using 50 ft. centres on 200 ft. spaced lines, a grid 17.2 miles of line was surveyed. Results of the survey indicate strong east-west trending structure.

The VLF-EM survey identified several geologic contacts as well as significant shear zones of deformation. The total field magnetics indicates the presence of magnetites, within these zones of deformation. Based on this survey an investigation of these geophysical anomalies in conjunction with the geological structures is planned for next summer (1988).

### Location and Access

The Black Property is located in Yeo and Chester Townships, approximately 110 km south-west of Timmins, near Gogama, Ontario, as shown in figure 1. The project consists of 8 unpatented claims with access by vehicle from highway 144 on the Mesomikenda Lake Road to a gravel road leading through the centre of the property. This road is accessible by four-wheel drive vehicles during the summer season. The north-east corner of the property is cut by an Ontario Hydro powerline right-of-way. A 5 mile lumber road cuts the property with access from the EB Eddy Road in the south.

### Climate

Topography on the property is gentle with elevations from 1200 - 1300 ft. A.S.L. A portion of Little Clam Lake, cuts the south-east corner of claim 980499. A small pond is located along the north boundary of 917047 with a small creek running eastward across the north-east portion of the property to the south of Bagsweed Lake. Approximately 30% of the property is wet swampy lowland, 60% is dry forest with 10% outcropping.

The climate is typical for the northern/central portions of Ontario with freeze-up during November and break-up in early May. Temperatures vary from -40°C to 28°C, throughout the year.

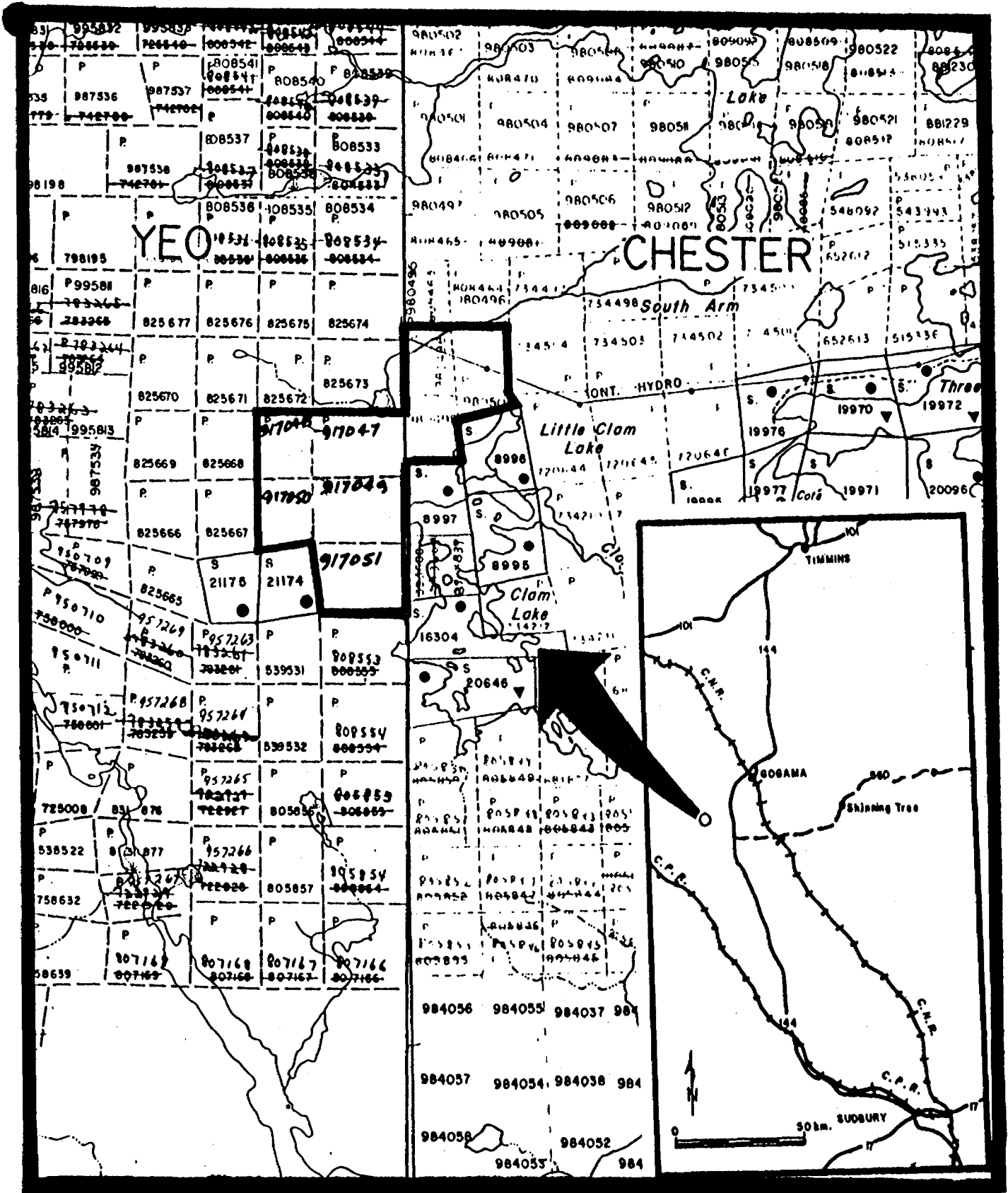


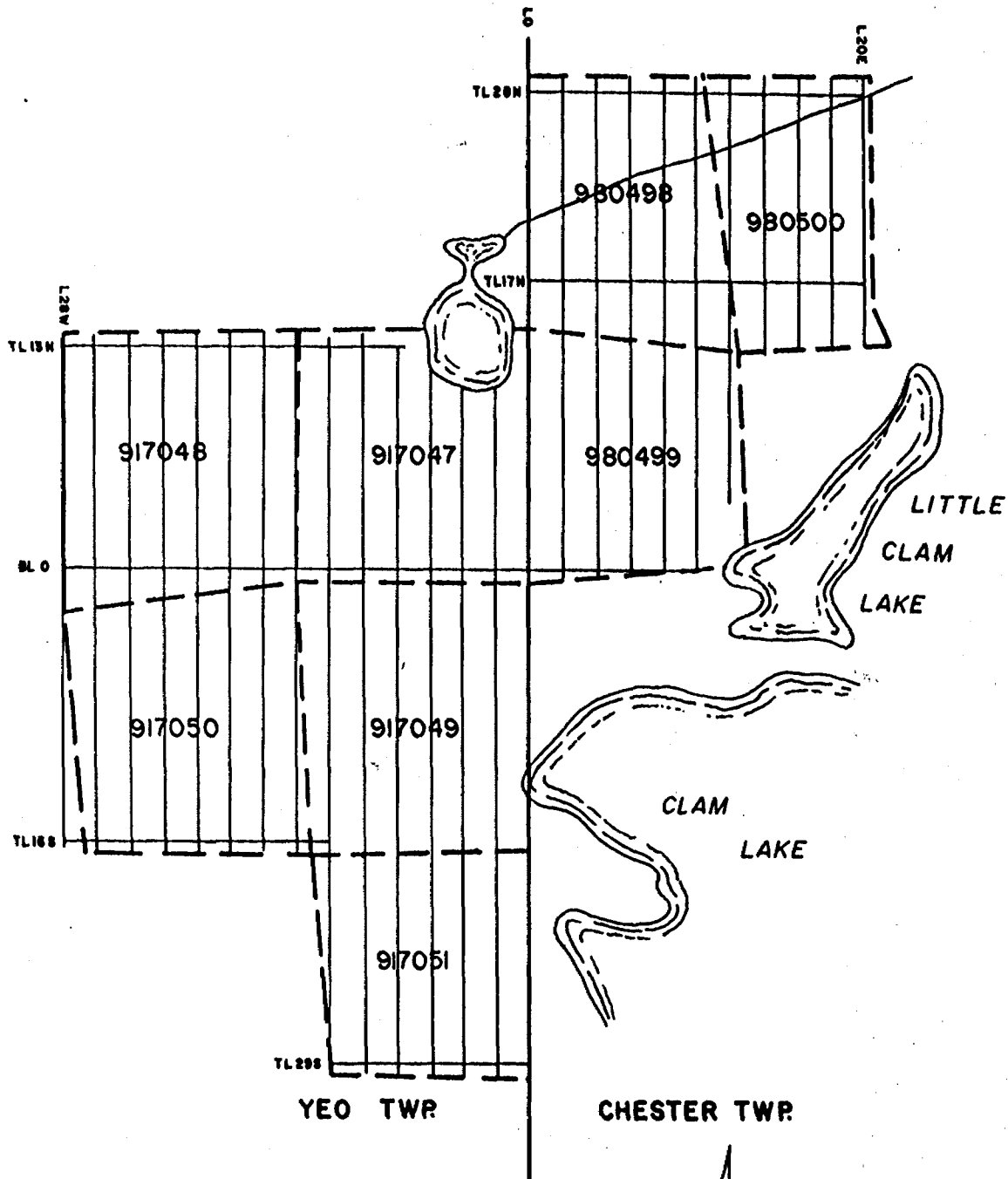
FIGURE I  
LOCATION of BLACK PROPERTY, CHESTER  
and YEO TOWNSHIPS, ONTARIO.

Claims

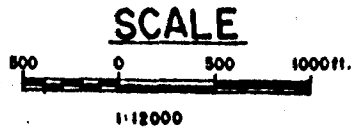
The eight claims which comprise the Black Property were staked by Calvin Black of Mississauga, Ontario in July 1986 and 1987. Chesbar Resources Inc. presently hold a 100% interest in these claims as follows:

<u>Claim Number</u>	<u>Staking Date</u>	<u>Township</u>
917047	July 7, 1986	Yeo
917048	July 7, 1986	Yeo
917049	July 7, 1986	Yeo
917050	July 7, 1986	Yeo
917051	July 8, 1986	Yeo
980499	June 24, 1987	Chester
980498	June 25, 1987	Chester
980500	June 25, 1987	Chester

The location of these claims is shown on Figure 2.



LEGEND



CHESBAR RESOURCES INC.	
BLACK PROP.	
CLAIMS and CUT GRID	
FIGURE 2	MJP

Previous Work

Interest in the Black Property developed as a result of past occurrences of gold within Chester and Yeo Townships. Bordering the Black claims to the southwest, the P.E. Hopkins occurrence consists of three 3 to 6 inch quartz veins with assay values up to 0.22 oz./ton/Au. In 1961 Jonsmuth Mines Ltd. drilled 3 diamond drill holes (305 ft.) on the Hopkins occurrence.

Approximately one mile to the northeast of the Black Property lies the Moore Lake Occurrence which yielded a 0.11 oz./ton/Au. from dump material from a 30 ft. shaft. The Schist Lake Occurrence 4 miles to the northeast assayed values up to 0.18 oz./ton/Au. from a pit on a 450 ft. zone of silicified, carbonatized sericitized greywacke. Several other prospects in the area included short shafts, pits and trenching but did not produce significant results.

In Chester Township several prospects have yielded visible gold and returned economic grades. The Shannon Island Prospect (S16304) borders the Black Property to the southeast and returned values up to 5.94 oz. Au./ton. A 3 ft. quartz vein in a well defined structure, mineralized with pyrite, arsenopyrite and chalcopyrite, host the showing where a 2 compartment shaft was sunk to 100 ft. with 100 ft. of lateral development. Past work has included 3000 ft. of diamond drilling, underground sampling and geophysics on the property.

The Chester Shannon Prospect bordering the eastern segment of the Black Property hosts a shear zone that yielded values as high as 0.14 oz. oz./ton/Au. and 5.32% Cu. Native gold and tellurides, have been observed in quartz stringers with in this zone as well as a zone called the West Vein on the western edge of Clam Lake.



Other prospects in the Chester Township area consist of the Kingsbridge (Gomak) Strathmore and Young Shannon Prospects. These prospects are generally known as occurrences of native gold in quartz veins associated with various sulphides.

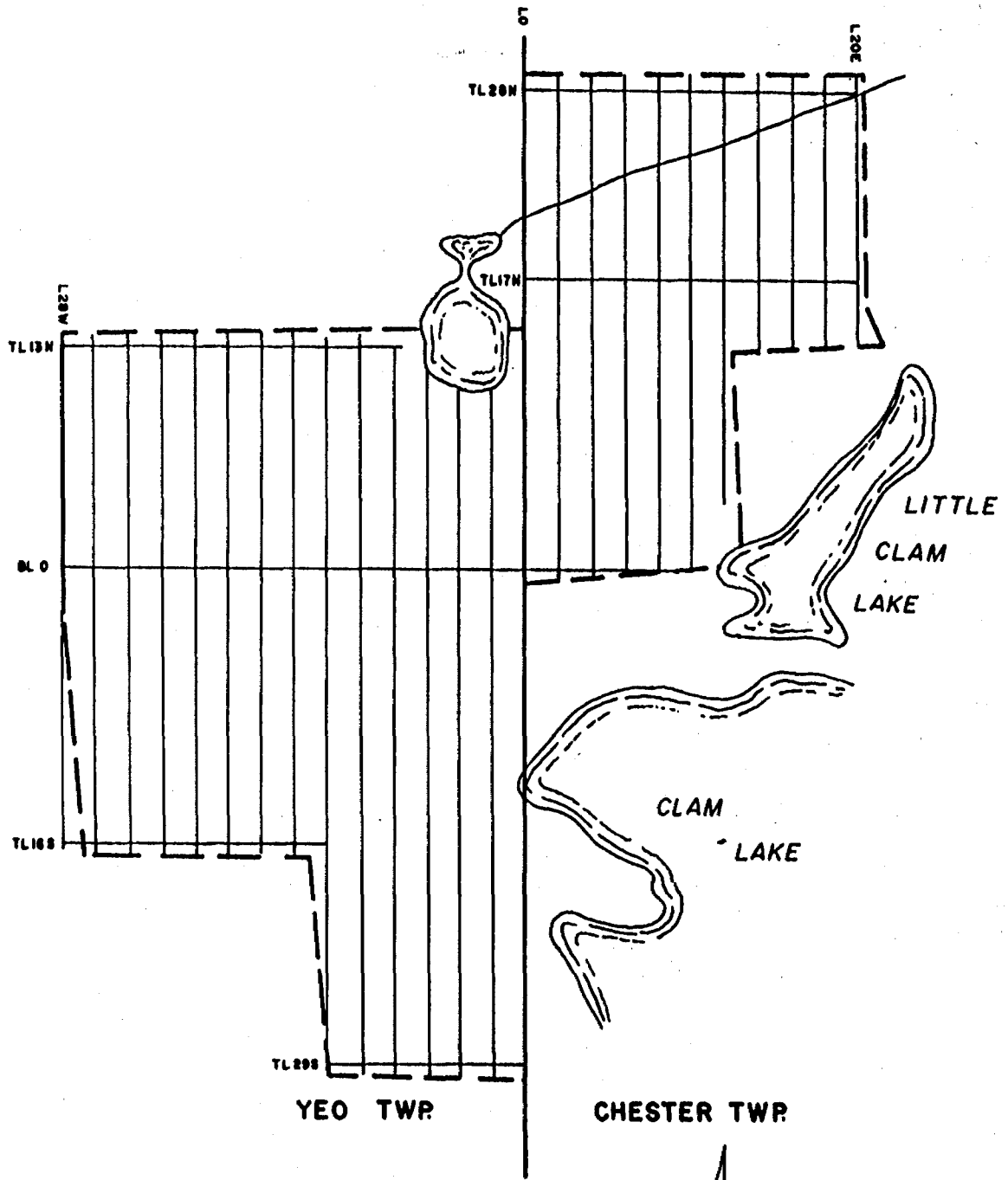
In general, work has occurred sporadically within the two townships since the 1920's. With the increased interest in gold recently, several companies have been active in the area. Murgold Resources currently hold a large block in central Chester Township, and is currently involved in a joint venture with Chesbar Resources Inc. Currently, 3000 ft. has been completed in an exploration ramp on the property.

Young Shannon Gold Mines Limited currently holds the properties directly east of the Black Properties and has drilled extensively. Canadian Gold Resources and Kidd Resources Ltd., have extensive holdings in the area and have completed airborne geophysics and drilling on their properties.

No assessment work, has been filed on the Black Property. However, some trenching was evident on the property plus, it has been staked many times.

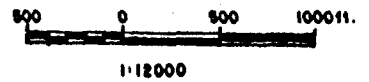
#### Work Performed 1987

In 1987 Chesbar Resources Inc. obtained 100% interest in the 8 claim group now known as the Black Property. Chesbar initiated the cutting of a grid over the property to facilitate geological mapping and ground geophysics crews. The grid (figure 3) consists of 17.2 line miles oriented north-south with a baseline, and several tie lines. The OE/W line is on the township line between Yeo and Chester Townships with north - south wing lines every 200 ft. with pickets every 100 ft.



LEGEND

SCALE



CHESBAR RESOURCES INC.

BLACK PROP.

GRID

FIGURE 3

MJP

A geologist then mapped and sampled the property through August to November and a VLF and Magnetics geophysical survey was done in late October. Copies of the appropriate maps are included at the back of this report.

### Geology

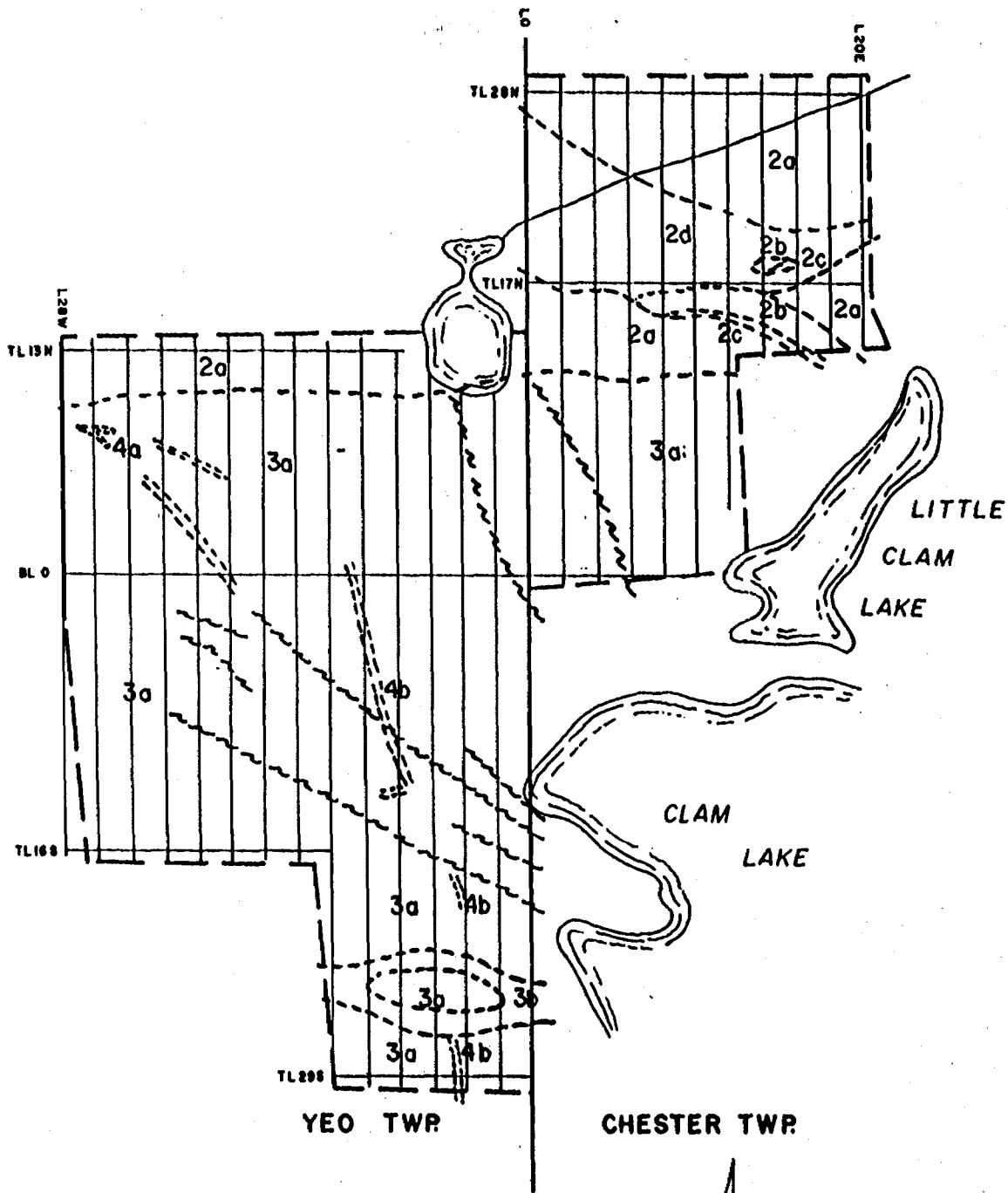
#### Regional

The Black Property lies on the eastern section of the southern belt of greenstone, known as the "Swayze Greenstone Belt". This region is underlain by granites, and granitic and feldspar porphyries of late Archean age. The granitic rocks contain tightly folded early Archean volcanics and sediments. Mafic intrusives are abundant and are mainly intermediate in age between the granites and early Archean volcanics and sediments. Dykes, largely of diabasic composition, middle to late Precambrian intrude all the older rocks. (McPhee, 1986)

#### Local

The majority of the Black Property overlies a granodiorite intrusive. A major contact between the granodiorite and a unit of intermediate and felsic tuffs, conglomerates, breccias and metasediments cuts east-westerly across the northern portion of the property. A summary of the local geology is contained on figure 4. Diabase dikes cut the property and appear to have been truncated in some locations by late cross-cutting structures.

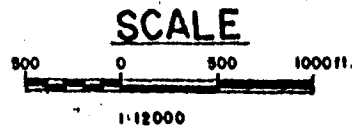
The property is cross-cut by minor faults that host by chlorite-biotite dikes. Generally trending west-northwest, there is no evidence of large scale movement along these structures. The chlorite - biotite dikes vary from inches to feet in width and are continuous for hundreds of feet. Assay values of interest for gold exploration appear to be associated with quartz veins which are associated with these shears structures



**LEGEND**

- 1. Mafic Volcanics
- 2. a. Int-Felsic Tuffs
- b. Lappilli Tuffs
- c. Conglomerate/Breccia
- d. Metasediments
- 3a Granodiorite
- b. Diorite
- 4a. Mafic Chlorite - Biotite Dikes
- b. Diabase

note: not ne



CHESBAR RESOURCES INC	
BLACK PROP.	
GEOLOGY	
FIGURE 4	MJP.

## Geophysical Instrumentation

### Survey Procedure

From October 18, 1987 to October 22, 1987, John Gilliott, an in-house geophysicist, completed a geophysical survey over the Black Property. An E.D.A. Instruments Inc. OMNI-PLUS integrated geophysical system was used to conduct the survey over the cut grid. Total field magnetics and VLF-EM was carried out over the north-south trending, 100 ft. interval grid. Readings were taken every 50 feet along the gridline.

A proton-precession magnetometer was used to determine the earth's total magnetic field. The magnetometer has a reported accuracy of  $\pm 1$  nt (gamma). Corrections were applied to the field data to account for diurnal and instrument drift.

The VLF-EM sensor consisted of three mutually orthogonal coils encased in a cylindrical housing on a rigid back - pack mounted panel. Readings of the in phase and quadrature (secondary field) can be obtained to an accuracy of  $\pm 1\%$  of the transmitted signal. The total field intensity and direction of the primary field is also recorded. High frequency noise in the in phase measurements were reduced mathematically by Fraser filtering.

The 24.0 KHz frequency from Cutler Maine was used as a transmitter. Copies of the data produced by this survey are contained in Appendix A.

The author of this report has used this data to produce contour maps of the VLF-EM Fraser, Filtered data and the total field magnetics. Detailed copies of these maps are enclosed at the end of this report and the results have been summarized on figures 5 and 6.

## Results

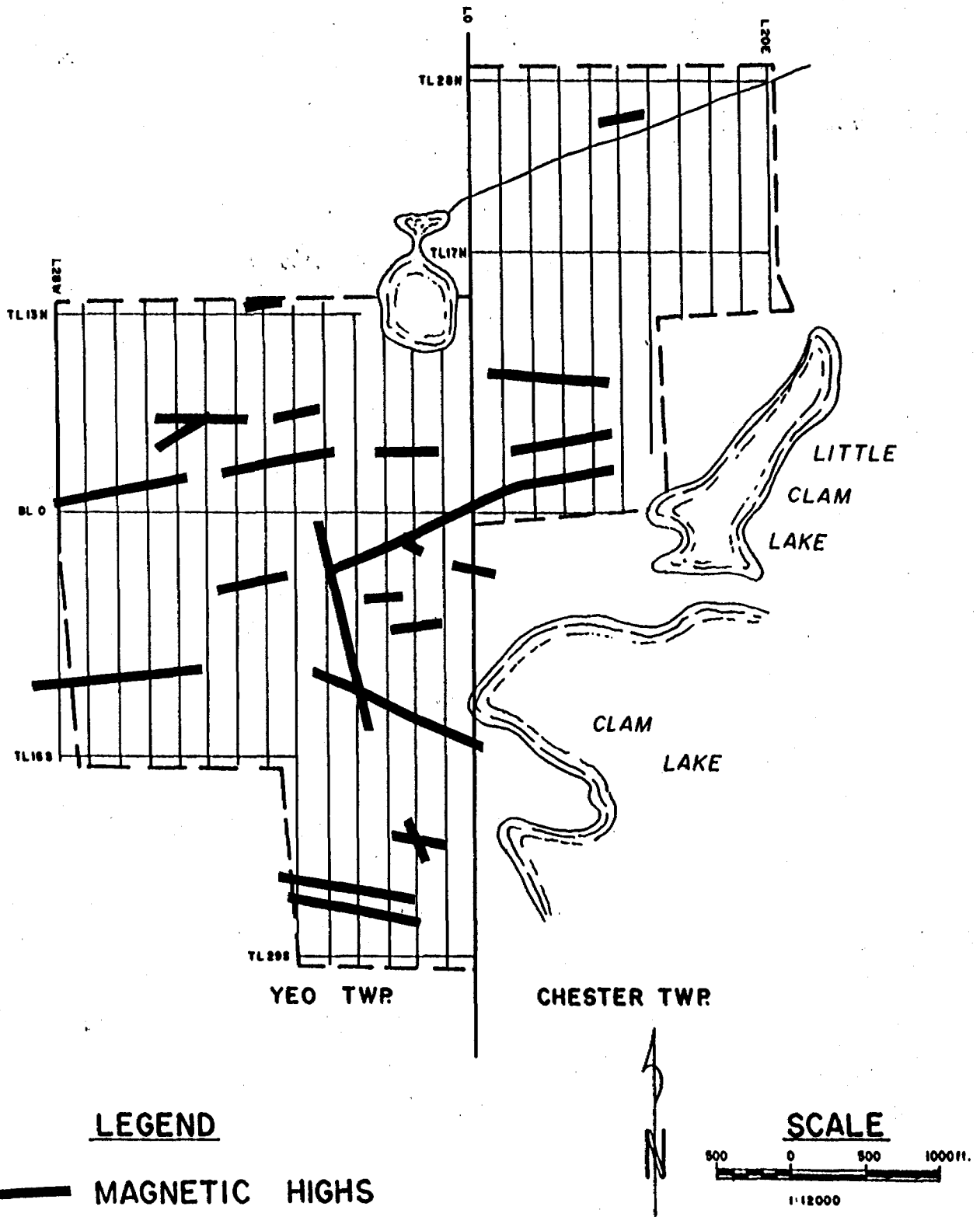
### Magnetics

A proton precession magnetometer utilizes the backward spinning protons of a hydrogen atom within a fluid rich in hydrogen and carbon (such as kerosene). These spinning magnetic protons are caused to have two opposite poles by applying a magnetic field using a current within a coil of wire. When the current is stopped the protons precess about the earth's magnetic field and in turn generate a small current in the surrounding coil. This frequency of precession is proportional to the earth's total magnetic field.

As summarized on figure 5 the majority of magnetic anomalies on the property are found in the granodiorites. Using a background in the area of 58,400 nt which appears appropriate in the area, several anomalous zones were delineated. Some of these anomalies reach highs of 60,000 nt with no obvious depressions in the magnetic field. The magnetic field was quite flat in the north-east corner of the property, which hosts the intermediate to felsic tuffs, conglomerates and sediments.

A single strong reading in the northeast may represent a mineralized zone under the swamp in this area. This reading however, is not reflected in any surrounding readings and is not considered significant.

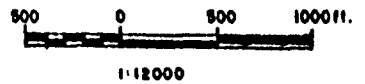
As for the remainder of the property the north-south trending anomalies along lines 10, 8 and 6 W seem to have been caused by the diabase dikes found in these areas and may have been caused by magnetite mineralization in the granodiorite. The continuous nature of the anomalies tends to indicate that anomalies are detecting some mineralization, other than general magnetite mineralization. Several mineralized quartz veins have been found on the property although overburden obscures them for much of their supposed length.



LEGEND

— MAGNETIC HIGHS

SCALE



CHESBAR RESOURCES INC.

BLACK PROP.

MAGNETICS

FIGURE 5

MJP

One such quartz vein containing pyrite, chalcopyrite and magnetite has been located in the area indicated by the anomaly that crossed BLO at 0. It is thought that the remainder of these anomalies indicate similar features.

The anomaly that cuts BLO at 165 is of significant interest as it also parallels zones of deformation identified on surface. The two parallel anomalies located at 24 S along lines 4 and 12 W are associated with a diorite and mineralized quartz veins found in the area and are believed to represent the extension of these quartz veins.

#### VLF-EM

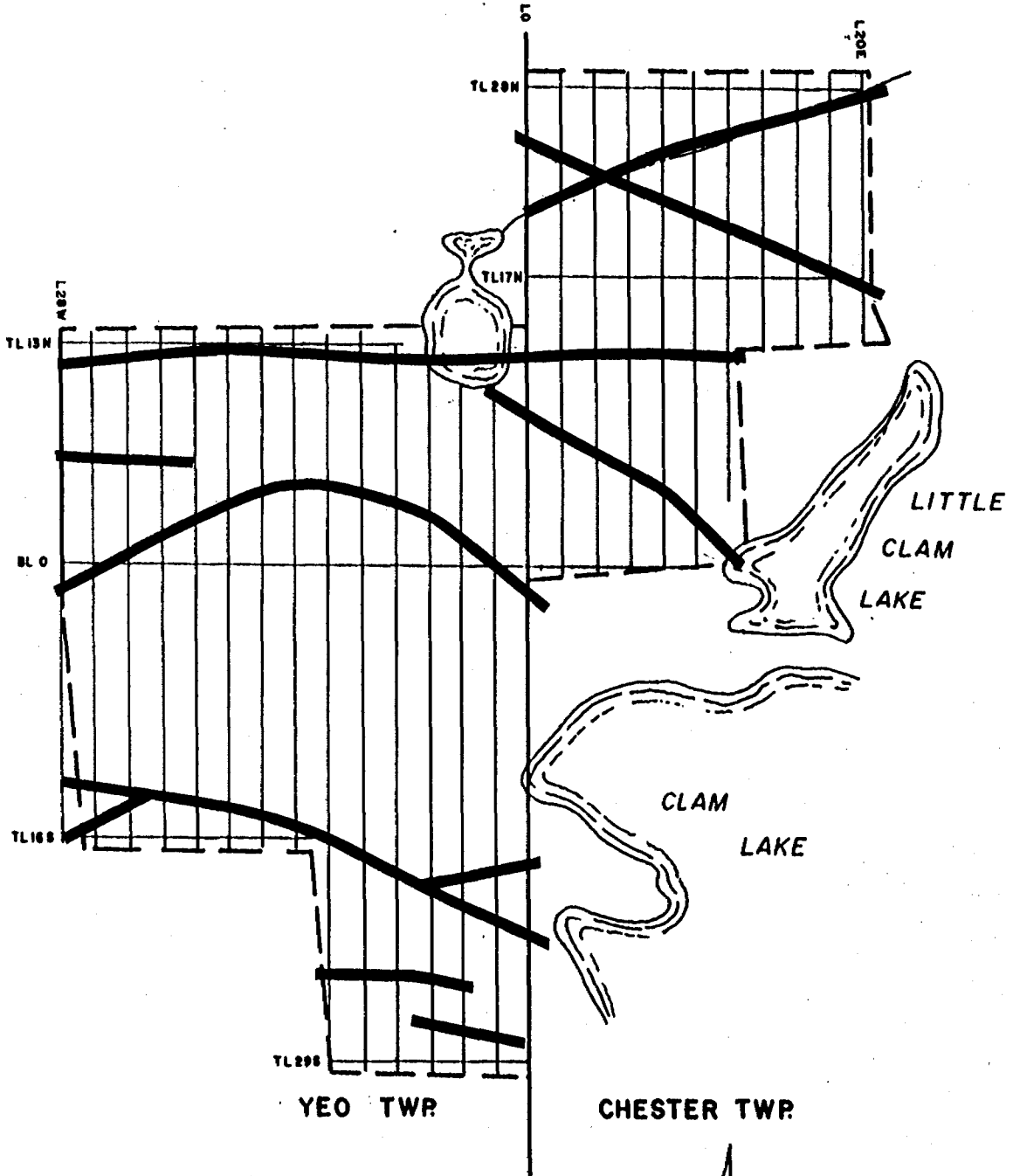
The use of 24.0 KHz, Cutler Maine as the transmitter station was dictated by the orientation of the geologic structures in the area. The transmitter at Cutler Maine, is a main submarine communications station utilizing very low frequency (VLF) radio waves that travel in a single mode parallel to the surface of the earth along the earth-air interface. With no vertical conductors and travelling over flat ground the electromagnetic component of this surfaced wave is horizontal and perpendicular to its direction of travel. The VLF instrument is capable of picking up conductive structures that cause changes in the directions of these waves. The fraser filtered data plotted on the maps attached and summarized on figure 6 indicate the intensity of these changes.

Much of the survey area is covered by shallow swamps that may be an expression of geologic structures each as shears or contacts. These swamps, offer conductive, may clutter the VLF-EM signal and give false anomalies. Some of the anomalies such as the one following the creek in the northeast corner of the property, as shown on figure 6, do not appear to indicate mineral potential.



There are some anomalies such as the east-west trending zone at 13N, and 24 to 27S that may indicate contacts between granodiorites and intermediate tuffs and diorites respectively. The long south-east trending anomaly in the north-east appears to be a contact feature between the intermediate tuffs and the metasedimentary units.

Most of the anomalies appear to have been caused by zones of deformation, and may represent conductive fluids or mineralization along the fractured zones.

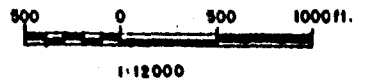


LEGEND

— VLF CROSSOVER



SCALE



CHESBAR RESOURCES INC.	
BLACK PROP.	
VLF	
FIGURE 6	MJP.

Conclusions and Recommendations

The magnetite highs tend to indicate several mineralized zones throughout the property. These zones, contained within the granodiorite unit appear sub-parallel to several VLF anomalies.

The VLF appears to have outlined the geologic contacts between rock units such as intermediate tuffs and metasediments in the northeast and tuffs and the granodiorite in the south. In addition, several zones of deformation have been located in the areas of the remaining cross overs.

Generally, the tuffs and metasediments appear to have a lower magnetic signature than intrusives of diorite and granodiorite.

I, Michael James Perkins, hereby state that:

I am a graduate of Sir Sandford Fleming College with diplomas as a Geologic Technician and Geologic Technologist.

I have partially completed the requirement for a BSc. degree at the University of Toronto.

I have been employed as a geologist for over 3 1/2 years.

My report on the claim group covered in this report is based on personal investigation of the property, a review of government reports and reports available on the property,

DATED at Toronto, Ontario this 8th day of February, 1988.

A handwritten signature in black ink, appearing to read 'Michael J. Perkins', with a large, stylized flourish at the end.

Michael J. Perkins





Ministry of Northern Development and Mines

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

DOCUMENT No.

W8806-004

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

Mining Act

Mar 24

Type of Survey (s) **Geophysical** Township or Area **Yeo Township**  
 Claim Holder(s) **2.10900** Prospector's Licence No. **T-4850**  
**Chesbar Resources Inc.**  
 Address **36 Toronto Street, Suite 950, Toronto, Ontario M5C 2C5**  
 Survey Company **Muscocho Explorations Ltd.** Date of Survey (from & to) **18 10 87** to **22 10 87** Total Miles of line Cut **10.4**  
 Name and Address of Author (of Geo-Technical report) **Michael Perkins/John Gilliot (Address as above)**

Credits Requested per Each Claim in Columns at right

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

Mining Claims Traversed (List in numerical sequence)

Mining Claim		Expend. Days Cr.	Mining Claim		Expend. Days Cr.
Prefix	Number		Prefix	Number	
P	917047				
	917048				
	917049				
	917050				
	917051				

RECEIVED  
FEB 03 1988  
MINING LANDS SECTION

RECORDED  
JAN 04 1988

Expenditures (excludes power stripping)

Type of Work Performed **PORCUPINE MINING DIVISION RECEIVED**

Performed on Claim(s) **JAN 4 1988**

Calculation of Expenditures Days Credits

Total Expenditures \$ **15** = Total Days Credits

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

Total number of mining claims covered by this report of work. **5**

For Office Use Only

Total Days Cr. Recorded **200** Date Recorded **JAN. 4/88** Mining Record

Date Approved as Recorded **18 April 88** Branch Director **[Signature]**

Date **Dec 29/87** Recorded Holder or Agent (Signature) **[Signature]**

Certification Verifying Report of Work

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

Name and Postal Address of Person Certifying **Michael Perkins, 36 Toronto Street, Suite 950**

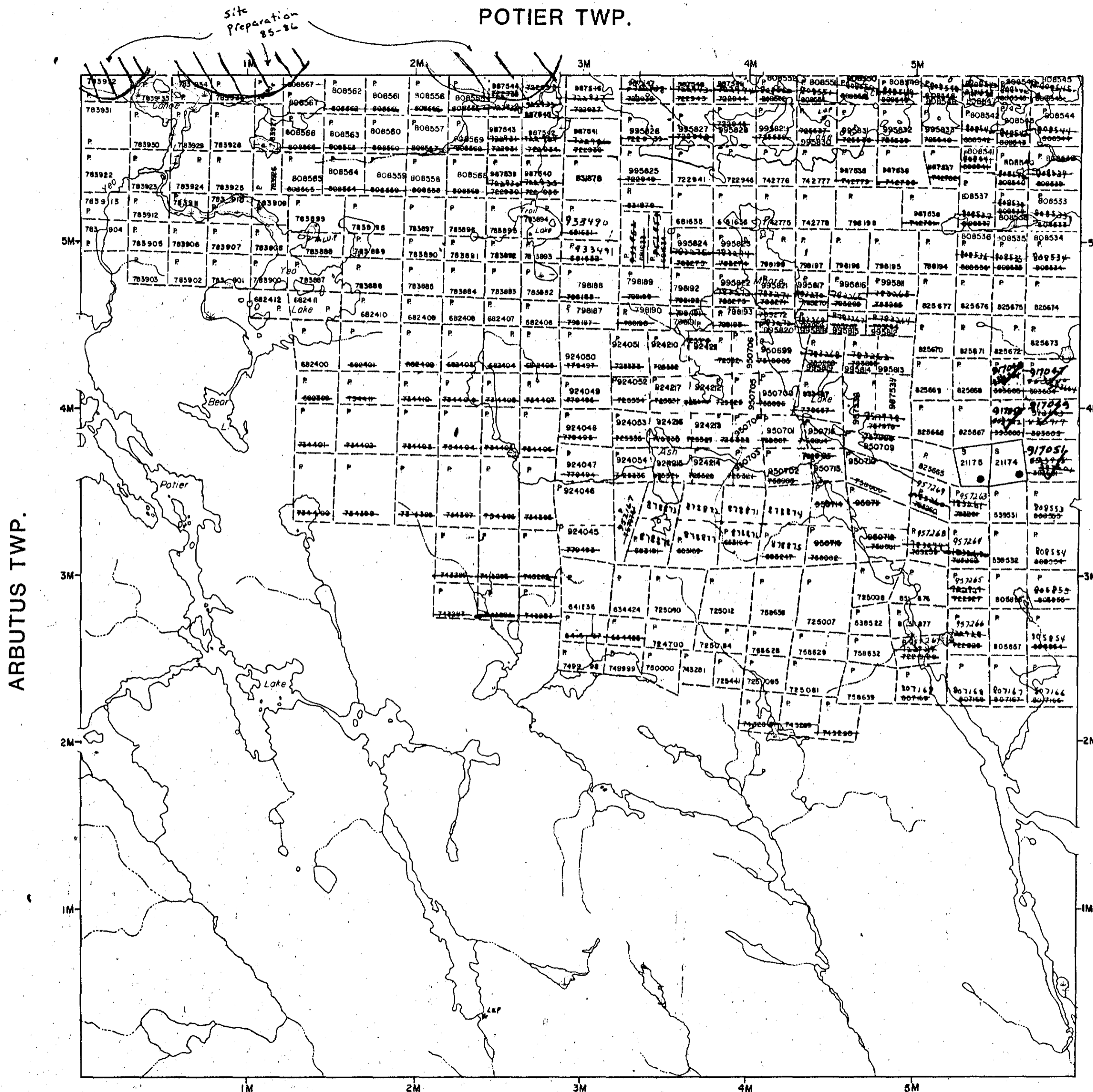
**Toronto, Ontario M5C 2C5** Date Certified **Dec. 29, 1987** Certified by (Signature) **[Signature]**

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



ARBUTUS TWP.

CHESTER TWP.

SMUTS TWP.



41P125W0049 2.10902 CHESTER

200

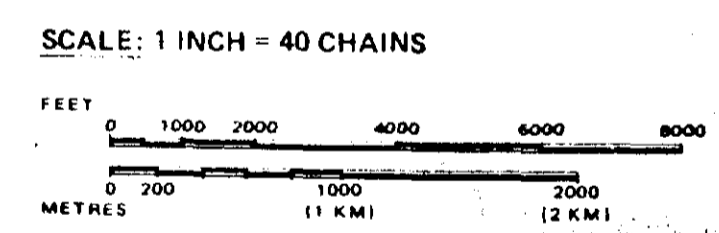
LEGEND

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

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	●
" SURFACE RIGHTS ONLY	○
" MINING RIGHTS ONLY	◐
LEASE, SURFACE & MINING RIGHTS	■
" SURFACE RIGHTS ONLY	□
" MINING RIGHTS ONLY	◑
LICENCE OF OCCUPATION	▼
ORDER-IN-COUNCIL	OC
RESERVATION	⊙
CANCELLED	⊖
SAND & GRAVEL	⊗

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



TOWNSHIP  
**YEO**  
 MAR 7 1988

M.N.R. ADMINISTRATIVE DISTRICT  
**GOGAMA**  
 MINING DIVISION  
**PORCUPINE**  
 LAND TITLES / REGISTRY DIVISION  
**SADBURY**

Ministry of Land  
 Natural Resources Management  
 Ontario Resources Branch

Date: OCTOBER, 1983  
 Number: **G-2481**  
*receive of check @ Mar 28/85*

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
(R) SEC. 36/80		19/2/80	S.R.O.	171509

SAND AND GRAVEL

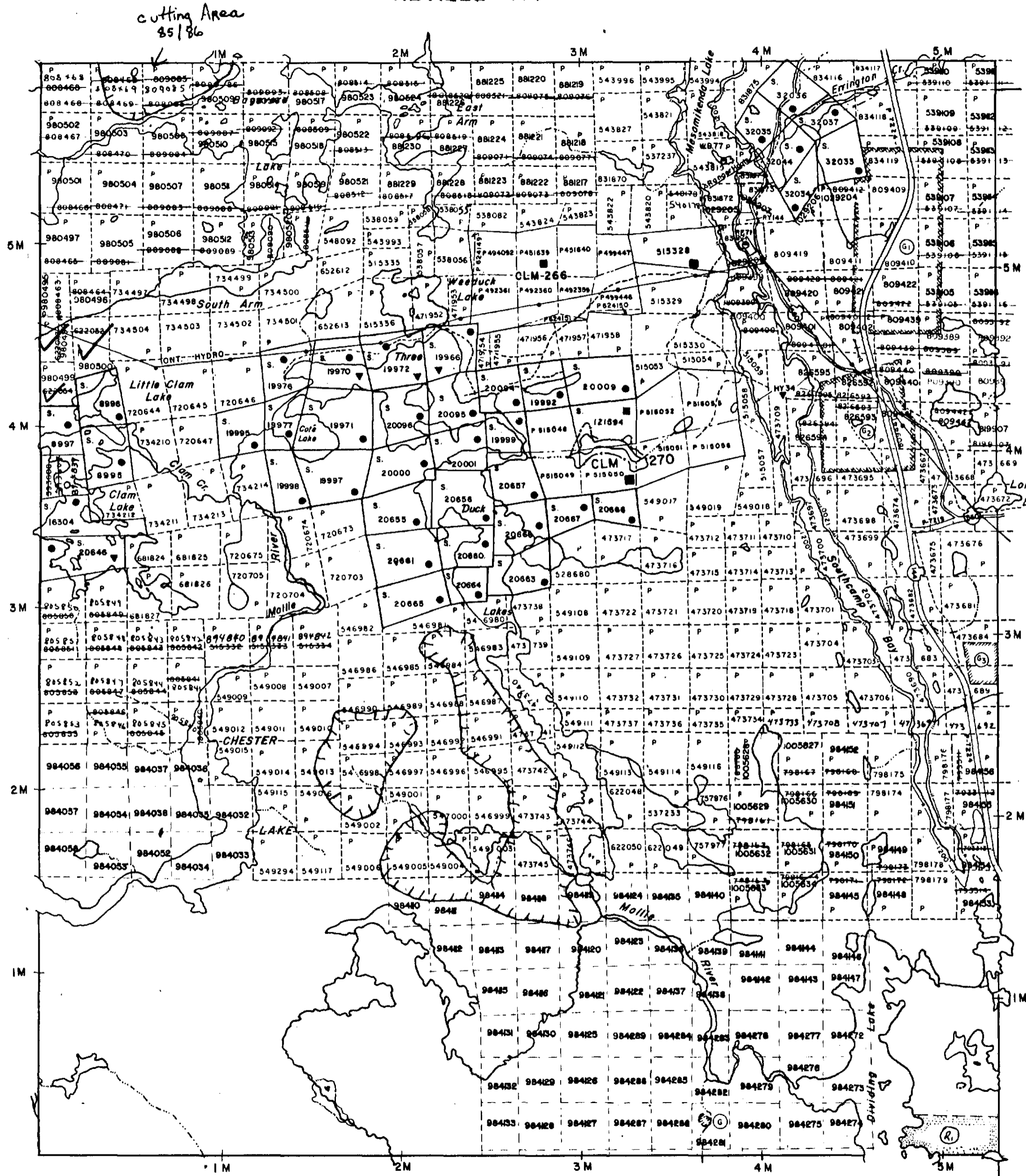
- (Q) QUARRY PERMIT
- (4) M.T.C. PIT No. 1349
- (4) M.T.C. GRAVEL PIT No. 1649
- (4) M.T.C. GRAVEL PIT No. 1385

NOTES

FLOODING RIGHTS TO CONTOUR 1200' RESERVED TO ONT. HYDRO, LOC. HY 36, L.O. 7543, FILE 10621

*Forestry operations cutting and site preparation 85-86*

NEVILLE TP.



LEGEND

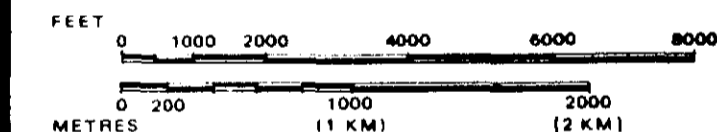
- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES:
  - TOWNSHIPS, BASE LINES, ETC.
  - LOTS, MINING CLAIMS, PARCELS, ETC.
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  - LOT LINES
  - PARCEL BOUNDARY
  - MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL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

DISPOSITION OF CROWN LANDS

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

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

SCALE: 1 INCH = 40 CHAINS



TOWNSHIP

CHESTER

M.N.R. ADMINISTRATIVE DISTRICT  
GOGAMA  
MINING DIVISION  
PORCUPINE  
LAND TITLES / REGISTRY DIVISION  
SUDBURY

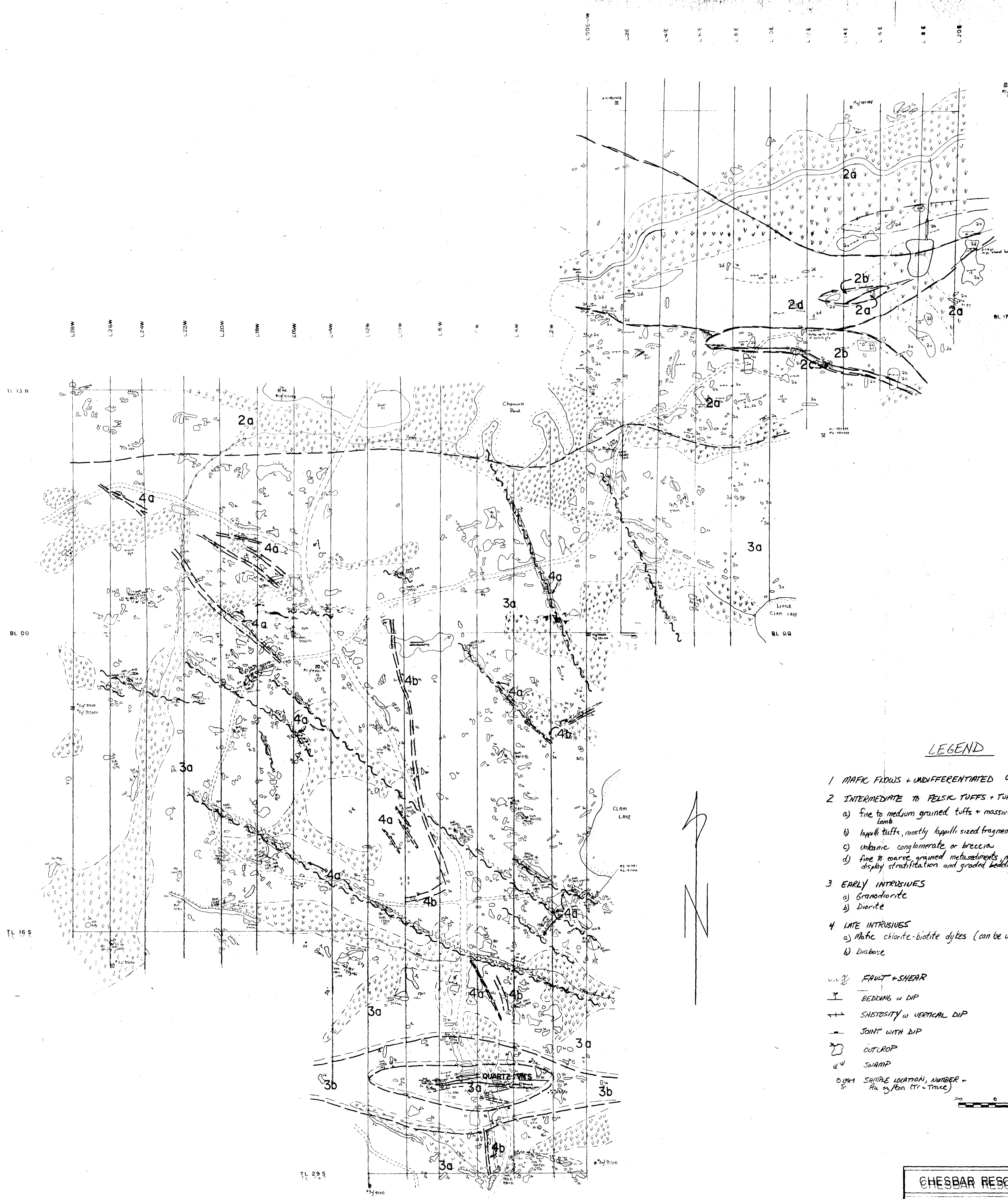
Ontario Ministry of Natural Resources Land Management Branch

Date MARCH, 1985  
Rec'd Apr. 4/85 checked R.H.  
Number G-3223

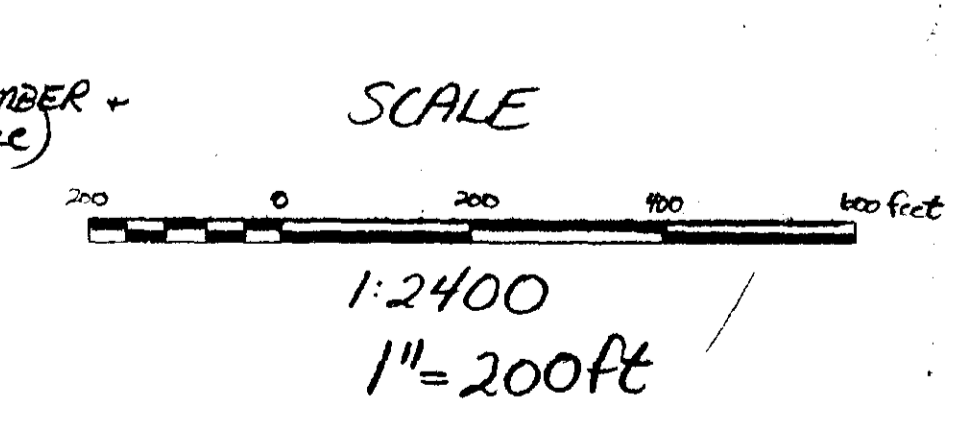


INVERGARRY TP.



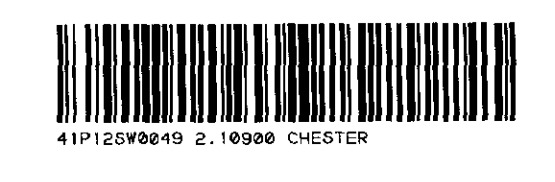


- LEGEND**
- 1 MAFIC FLOWS + UNDIFFERENTIATED VOLCANICS
  - 2 INTERMEDIATE TO FELSIC TUFFS + TUFFALOUS METASEDIMENTS
    - a) fine to medium grained tuffs + massive, very siliceous, occasional bomb
    - b) lapilli tuffs, mostly lapilli sized fragments, occasional bomb
    - c) volcanic conglomerate or breccia
    - d) fine to coarse grained metasediments, micaceous, fissile, occasionally display stratification and graded bedding
  - 3 EARLY INTRUSIVES
    - a) Granodiorite
    - b) Diorite
  - 4 LATE INTRUSIVES
    - a) mafic chlorite-biotite dykes (can be well foliated)
    - b) Diabase
  - FAULT + SHEAR
  - BEDDING w DIP
  - STRATOSITY w VERTICAL DIP
  - JOINT WITH DIP
  - OUTCROP
  - ⊞ SWAMP
  - SAMPLE LOCATION, NUMBER + Au, Ag, Fe, Cu (Trace)



CHESBAR RESOURCES INC.  
 BLACK PROJECT  
 FIGEOLGEOLOGY  
 2.10900

DATE: 12/20/87 BY: [Signature] SCALE: 1:2400



MAGNETICS (TOTAL FIELD)  
 ONNI PLUS MAGNET  
 OCT 1987  
 BASE LEVEL READING 58000

523 = 58000 + 523 = 58523  
 1000' L.A.

TL 13 N

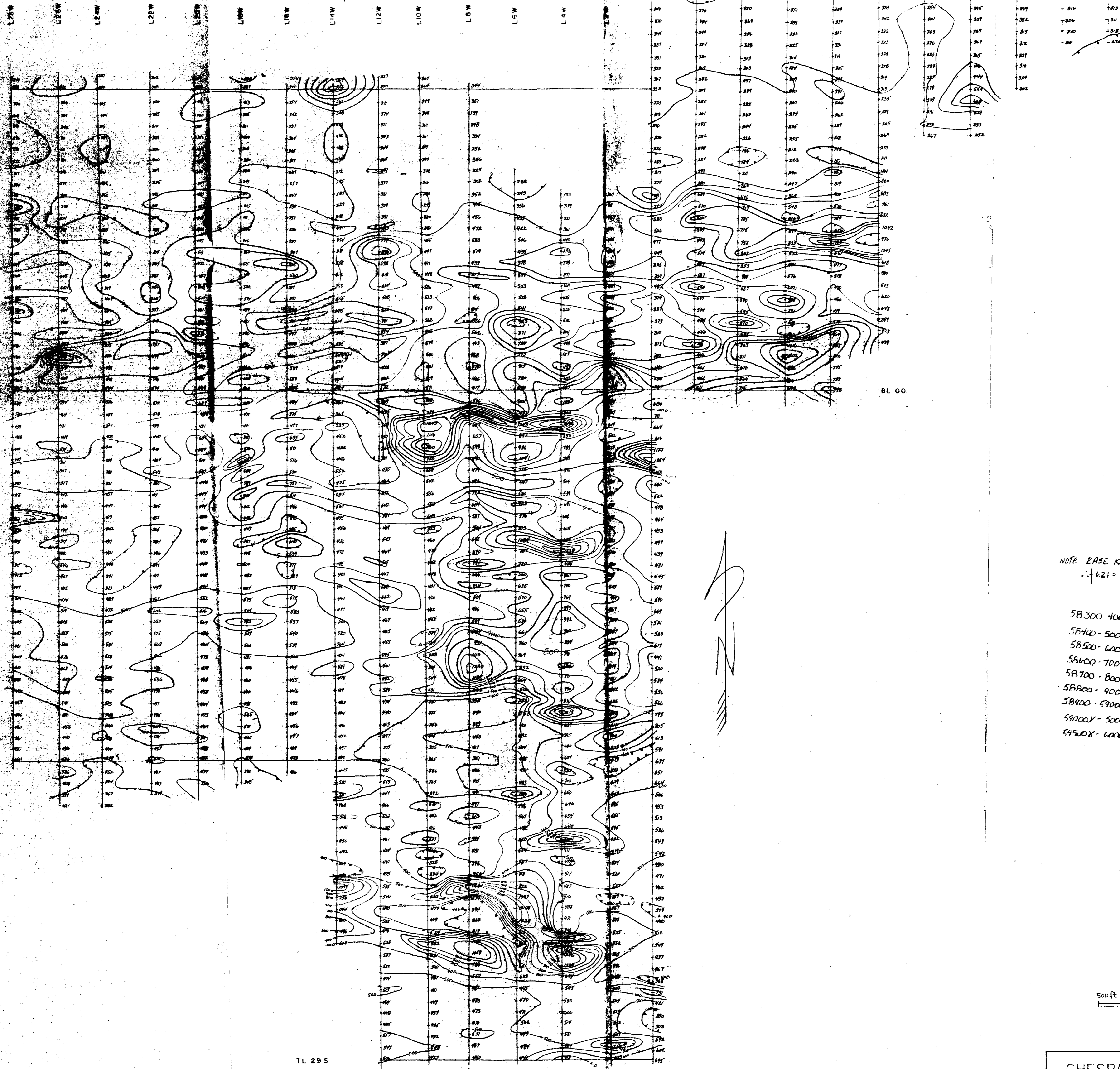
TL 16 S

TL 29 S

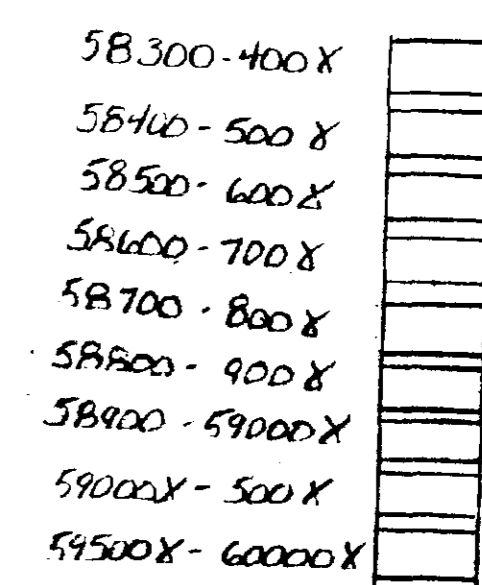
TL 28 N

TL 17 N

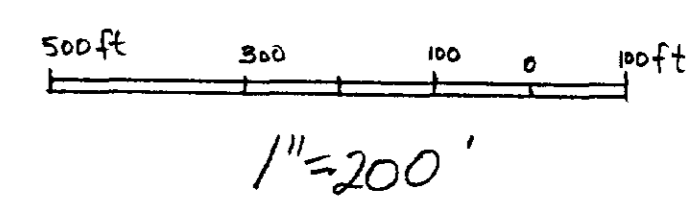
BL 00



NOTE BASE READING of 58000X  
 523 = 58000 + 523 = 58523



1:2400

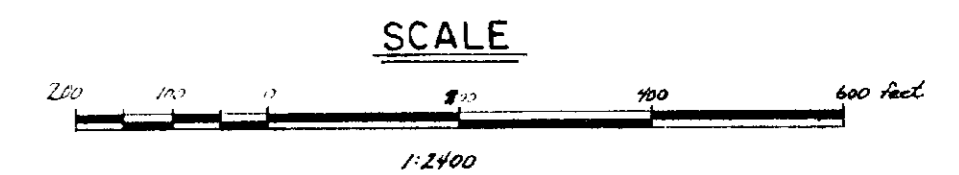


CHESSBAR RESOURCES INC.  
 BLACK PROJECT  
 TOTAL FIELD  
 MAGNETICS 2.10900  
 100X CONTOUR  
 DATE 1 DEC 87 BY W.P. PERKINS SCALE 1/2400

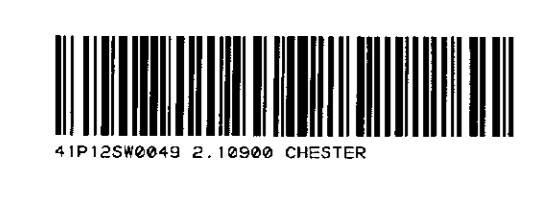


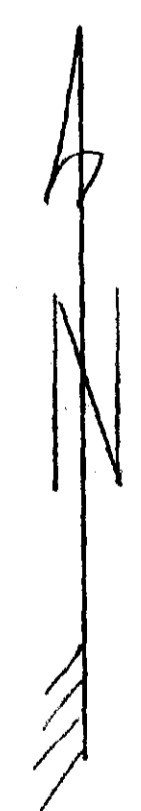
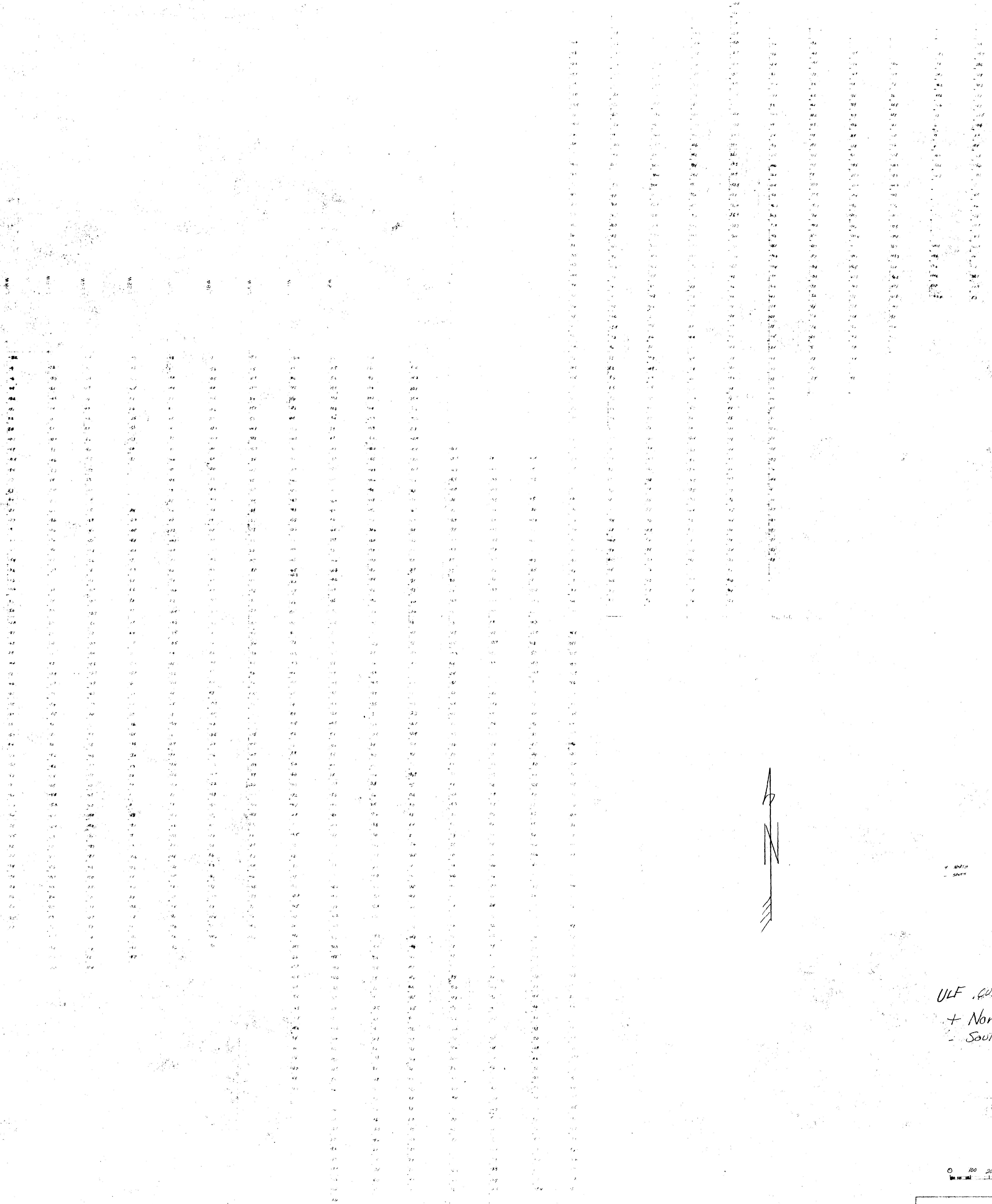
TL 13 N	TL 13 S	TL 14 N	TL 14 S	TL 15 N	TL 15 S	TL 16 N	TL 16 S	TL 17 N	TL 17 S	TL 18 N	TL 18 S	TL 19 N	TL 19 S	TL 20 N	TL 20 S	TL 21 N	TL 21 S	TL 22 N	TL 22 S	TL 23 N	TL 23 S	TL 24 N	TL 24 S	TL 25 N	TL 25 S	TL 26 N	TL 26 S	TL 27 N	TL 27 S	TL 28 N	TL 28 S	TL 29 N	TL 29 S	TL 30 N	TL 30 S	TL 31 N	TL 31 S	TL 32 N	TL 32 S	TL 33 N	TL 33 S	TL 34 N	TL 34 S	TL 35 N	TL 35 S	TL 36 N	TL 36 S	TL 37 N	TL 37 S	TL 38 N	TL 38 S	TL 39 N	TL 39 S	TL 40 N	TL 40 S	TL 41 N	TL 41 S	TL 42 N	TL 42 S	TL 43 N	TL 43 S	TL 44 N	TL 44 S	TL 45 N	TL 45 S	TL 46 N	TL 46 S	TL 47 N	TL 47 S	TL 48 N	TL 48 S	TL 49 N	TL 49 S	TL 50 N	TL 50 S	TL 51 N	TL 51 S	TL 52 N	TL 52 S	TL 53 N	TL 53 S	TL 54 N	TL 54 S	TL 55 N	TL 55 S	TL 56 N	TL 56 S	TL 57 N	TL 57 S	TL 58 N	TL 58 S	TL 59 N	TL 59 S	TL 60 N	TL 60 S	TL 61 N	TL 61 S	TL 62 N	TL 62 S	TL 63 N	TL 63 S	TL 64 N	TL 64 S	TL 65 N	TL 65 S	TL 66 N	TL 66 S	TL 67 N	TL 67 S	TL 68 N	TL 68 S	TL 69 N	TL 69 S	TL 70 N	TL 70 S	TL 71 N	TL 71 S	TL 72 N	TL 72 S	TL 73 N	TL 73 S	TL 74 N	TL 74 S	TL 75 N	TL 75 S	TL 76 N	TL 76 S	TL 77 N	TL 77 S	TL 78 N	TL 78 S	TL 79 N	TL 79 S	TL 80 N	TL 80 S	TL 81 N	TL 81 S	TL 82 N	TL 82 S	TL 83 N	TL 83 S	TL 84 N	TL 84 S	TL 85 N	TL 85 S	TL 86 N	TL 86 S	TL 87 N	TL 87 S	TL 88 N	TL 88 S	TL 89 N	TL 89 S	TL 90 N	TL 90 S	TL 91 N	TL 91 S	TL 92 N	TL 92 S	TL 93 N	TL 93 S	TL 94 N	TL 94 S	TL 95 N	TL 95 S	TL 96 N	TL 96 S	TL 97 N	TL 97 S	TL 98 N	TL 98 S	TL 99 N	TL 99 S	TL 100 N	TL 100 S
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LEGEND  
IN-PHASE QUADRATURE

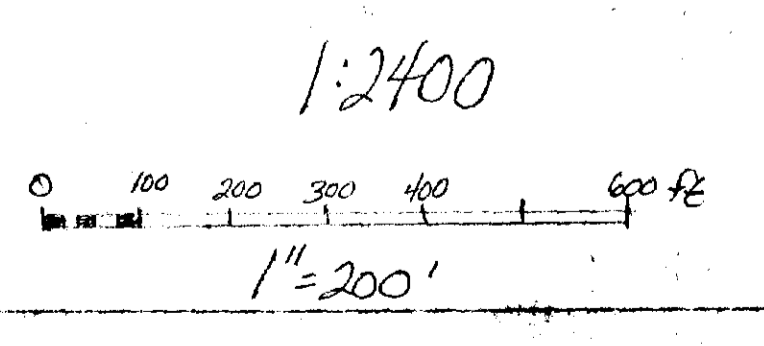


CHESSBAR RESOURCES INC.  
BLACK PROJECT  
**VLF** 210900  
UNFILTERED DATA  
DATE: 4/24/88 BY: [Signature] SCALE: 1/2400



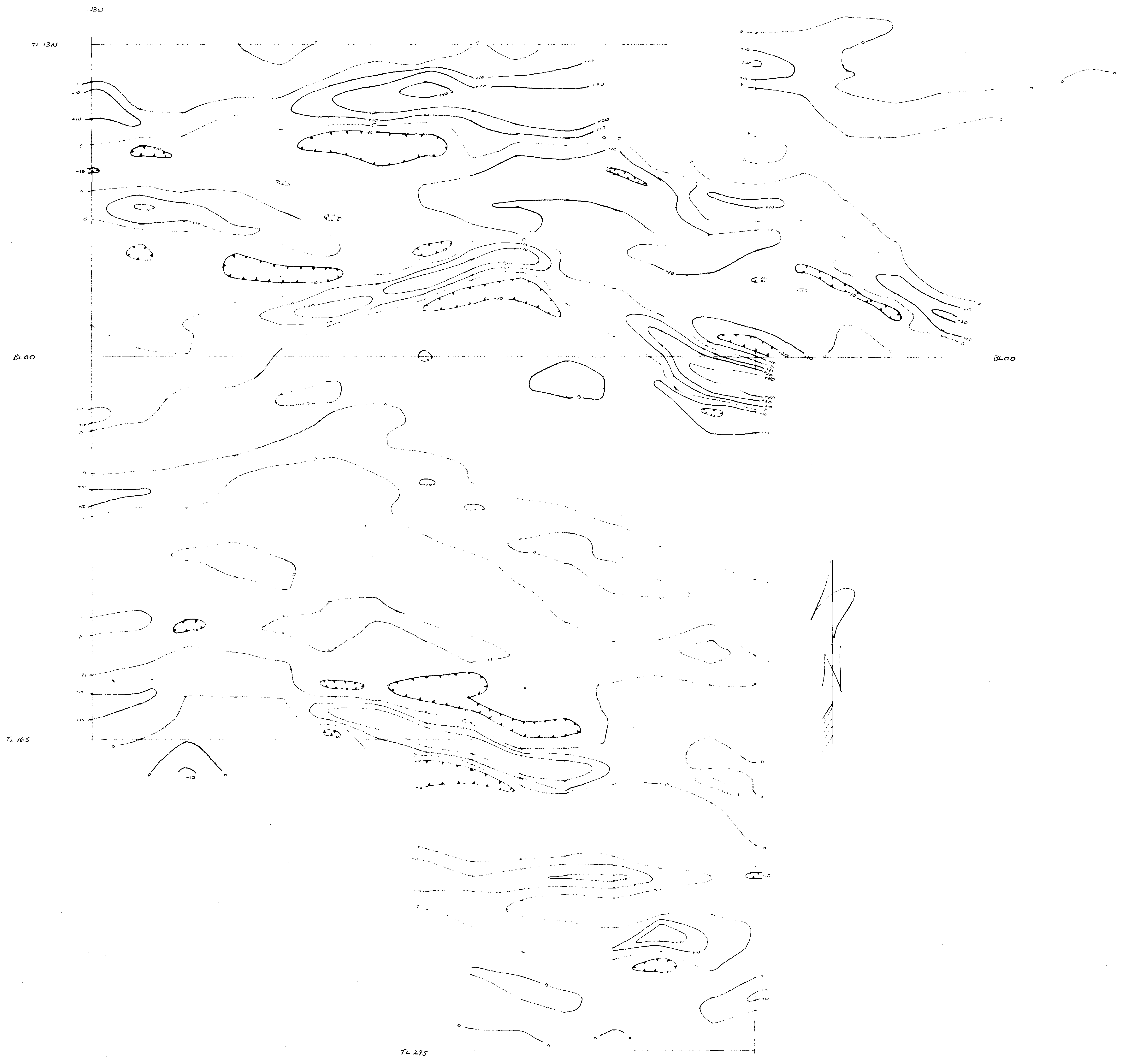
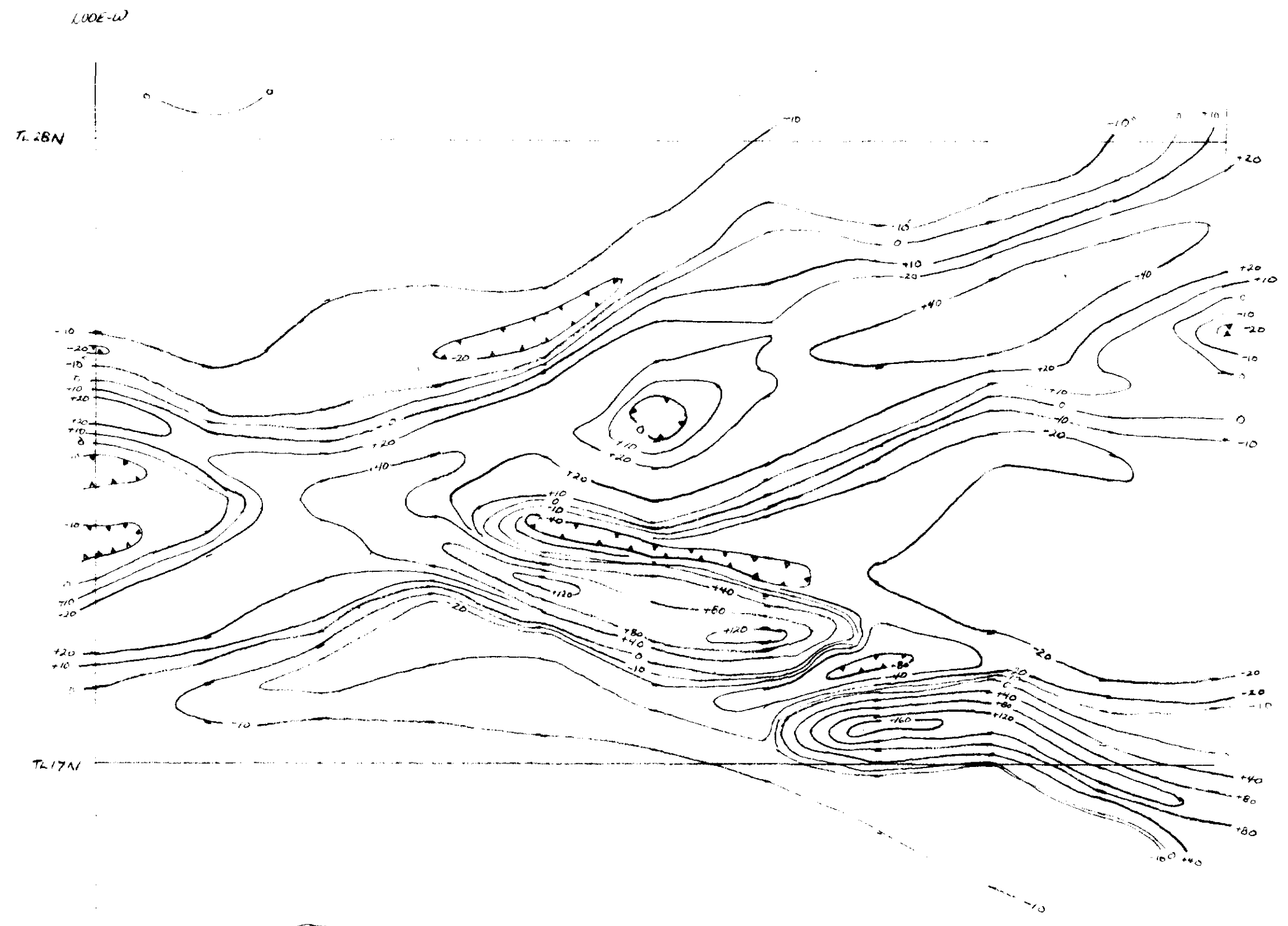


ULF, GUTLER (24/11/12)  
+ North  
- South

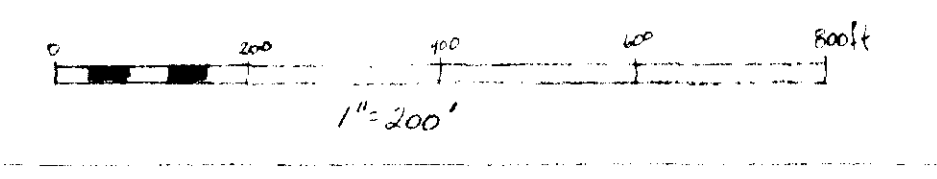


CHESBAR RESOURCE INC.	
BLACK PROJECT	
VLF (FRAZER FILTER DATA)	
2. 10900	
DATE:	1/2/13





VLF STATION COTLER (24 CHZ)  
 + NORTH  
 - SOUTH



CHESBAR RESOURCES INC  
 BLACK PROJECT (contour)  
**VLF 2.10900**  
 FRAZER FILTERED DATA  
 DATE 3 DEC 87 BY: M J PERKINS SCALE 1:2400

