



LAVAL TOWNSHIP.

PB - AG - ZN SHOWING

A. GLATZ.

RECEIVED

JUN 10 1985

MINING LANDS SECTION

*Inval
2.6453*

During April 10,11 and 12,1985, Magnetometer and VLF surveys were conducted over claims K 706174, 706175,706176 and K 706177 in the Laval Township, District of Kenora, NW.Ontario.

The owner of the claims is Mr. A.Glatz of the town of Dryden.

The operator for both instruments was J.Langelaar of Norontex Exploration Ltd of Dryden.

ACCESS: The property can be reached from Dryden via the Trans-Canada Highway eastwards to Dinorwic, hence northwards along the Sioux Lookout Highway N° 72. At a point some 29 miles from Dryden, along the aforementioned route a westwards leading gravelroad/dirttrail is to be followed for 6 miles at which point an old tractor road northward is to be followed for 1.5 miles through several swamps.

Accessibility is poor due to the fact that a bridge has been taken out 1.5 miles from the highway along the gravelroad, prohibiting motorvehicles other than snowmobiles, trikes or quadrunners, easy access to the property.

TOPOGRAPHY: The topography over the 4 claims is predominantly flatlying, swampy terrain with the exception of the northern part of the northern claims which is dominated by high ground, dissected by a north-south trending swamp around picketline cum claimline 00.

CLAIMSTATUS: The four claims were staked by Mr. A.Glatz on April 23,1983. No assessment had been submitted by April 1985, the claims being under time extension until June 1985.

EXPLORATION HISTORY:

Penarroya Canada Limited conducted exploratory work in the general area in 1965, consisting of airborne geophysical surveys, ground geophysical surveys, detailed geology and diamond drilling. In 1976 Hollinger Mines Limited completed groundgeophysical surveys and diamond drilling.

Since then the property has seen several owners and only limited amounts of work in the form of sampling primarily.

REGIONAL & LOCAL GEOLOGY:

The reader is referred to John.R.Goodwin's report, dated June 25, 1984 for details.

Of pertinence is his observation that the main showing occurs in a narrow sequence of intercalated felsic tuffs/flows and volcanogenic sediments or tuffs.

The sedimentary unit consists of alternating black and buff-white beds up to 2.5" wide. A dark grey rhyolite band occurs within the bedded series. Finely disseminated magnetite is found within the sedimentary unit giving it a distinct magnetic signature.

ECONOMIC GEOLOGY:

The showing and trench display pyrite, galena, sphalerite, magnetite with minor chalcopyrite, graphite and pyrrhotite.

Samples taken by Mr. Glatz show silver values ranging from a low of .44 oz/ton to a high of 12.02 oz/ton.

Several quartzveins have been found on the property, which ought to be tested for goldcontent.

MAGNETOMETER SURVEY:

A Scintrex MF - 1 Fluxgate Magnetometer was used along a 400-foot grid covering the four claims. Readings along picketlines were taken every 50 feet except in those instances where large variations were noted in which case 25-foot stations were read.

To provide for corrections on the diurnal variations, the following procedures were carried out: first the baseline was read at 400 and 200-foot stations, then the picketlines at generally 50-foot stations and at the end of the survey the baseline was re-read. Thus the baseline stations received three readings which served as bases for correcting the picketline readings. The corrections applied ranged from 0 to 210 gamma's; subsequently the data was contoured at 1000-gamma intervals.

The area, some 100 feet south of the baseline, provides for a generally rather flat magnetic picture in the order of 900 to 1500 gammas. The area north of the above, provides for a more "turbulent" magnetic picture which aligns itself to a linear, parallelling the VLF (see) conductor.

The magnetic linear shows peaks in the order of 6000 to 14.000 gammas and are explained as concentrations of Magnetite as

described by Goodwin's (1984) Regional and Local Geology.

The individual "spike", in the order of 74,000 gammas, just south of N°1 post of claim 706176 (in swampy terrain) is thought to represent a remnant of bedded ironformation which occurs intermittently within the general area.

VLF SURVEY:

A Geonics EM - 16 VLF unit was used for this survey: station readings were at 50-foot interval, all readings were taken "facing north" with Cutler, Maine as the source generating station.

Two more or less parallelling anomalies are identified, whereby the southernmost anomaly is somewhat suspect and may represent a geological contact (?), whereas the northernmost one is a very well defined, strong electromagnetic feature, representing a definite E-M conductor, which axis coincides with the galena-silver - sphalerite occurrence.

CONCLUSIONS:

VLF and magnetometer surveys delineated a strong linear E-M conductor with encompassing, paralleling and corresponding magnetic signature,

This phenomenon is explained by observations from surface showing and trench inwhich galena, sphalerite, magnetite and minor chalcopyrite, graphite and pyrrhotite have been noted.

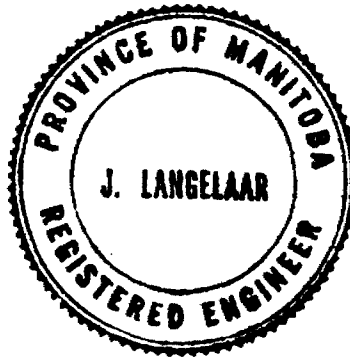
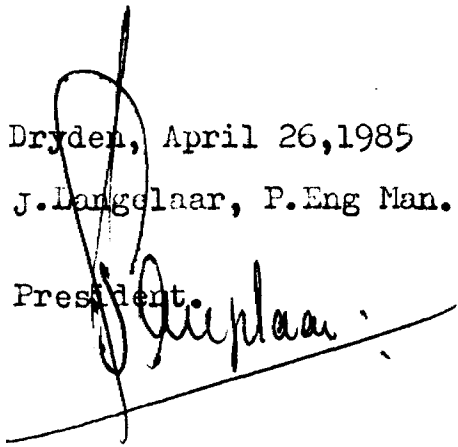
Follow-up work in the form of detailed geology, trenching by means of heavy equipment and detailed sampling is recommended as a first phase, to be followed by diamond drilling if the results of the first phase are encouraging.

No values are reported in Hollinger's 1978 drilling; it is the owner's opinion that the property warrants additional drilling as two drillholes - one overtop of the other - covering a conductor with a strikelength in excess of 2000 feet, are definitely not sufficient to rule out the existence of a commercial deposit, particularly as values up to 12 ounces of silver have been obtained from this conductor.

Furthermore it is doubtful if the gold potential of this property has been explored to its fullest extent.

Dryden, April 26, 1985
J. Langelaar, P. Eng Man.

President.



CERTIFICATE OF QULAIFICATION

I, Joop Langelaar, of the Town of Dryden in the Province of Ontario, do hereby certify that:

- 1) I am a consulting geologist and reside at 3 Bedworth Road, Dryden, Ontario
- 2) I am a Professional Engineer of the Province of Manitoba.
- 3) I am a graduate of the State University of Utrecht, The Netherlands, and hold a Bachelor of Science Degree and a Master of Science Degree in geology and sedimentology.
- 4) I have been practising my profession as a Geologist since 1966. For a period of 16 years I worked nationally and internationally for a major Canadian Mining Company: during the last 6 years as Manager of Exploration.



52F155W0001 2.8193 LAVAL

900

Mining Lands Section

File No 2.8193

Control Sheet

TYPE OF SURVEY

- GEOPHYSICAL
- GEOLOGICAL
- GEOCHEMICAL
- EXPENDITURE

MINING LANDS COMMENTS:

Lgd.

LD

Dorey

Signature of Assessor

18/6/85

Date



IN ACCOUNT WITH
GOODWIN MINERAL EXPLORATIONS
John R. Goodwin, MSc

R.R. 1, Pine Creek Road

Telephone 705-752-1204
POH 1H0

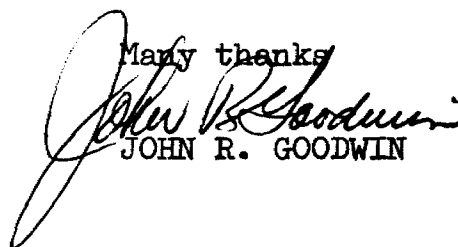
Callander, Ontario

June 30, 1984

Mr. A. Glatz
15 Park crescent,
DRYDEN, Ontario.

Report GME 3.....	\$300.00
Report GME 4.....	\$300.00
Total	<u>\$600.00</u>

Many thanks



JOHN R. GOODWIN

RECEIVED
JUN 10 1985
MINING LANDS SECTION

4-3370

NOTES

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

SAND and GRAVEL

- ① GRAVEL File 156744
- ② GRAVEL File 144049
- ③ MTC PIT #1112

AREAS WITHDRAWN FROM STAKING

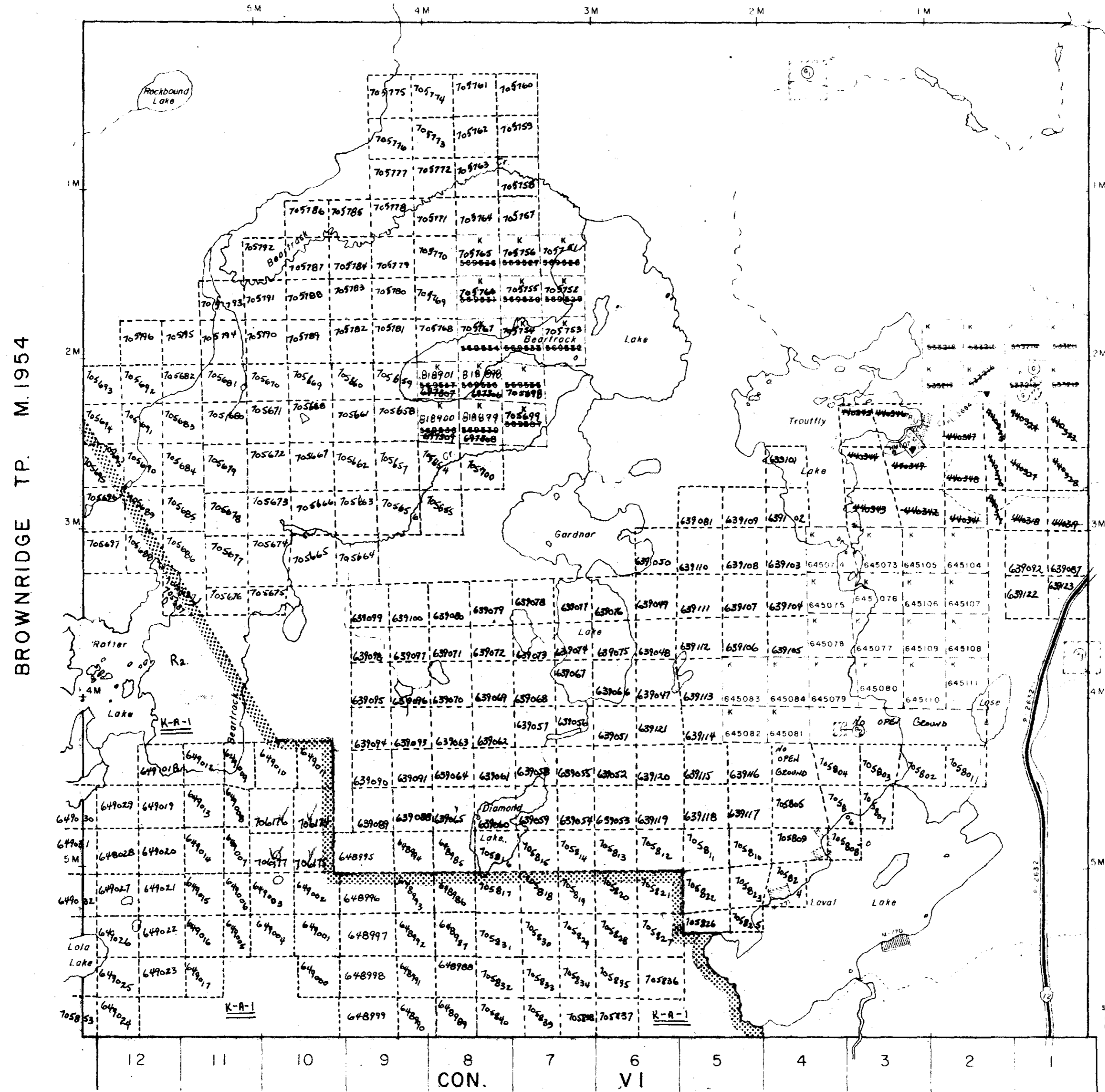
S.R. - SURFACE RIGHTS M.R. - MINING RIGHTS

Section Date Disposition File

④ Res. for Public Use 63473

R2 oom w 37/83 S+MR A4623/13

WEBB TP. M.1874

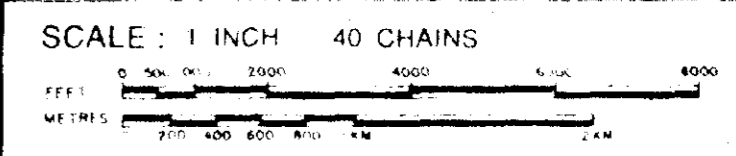


LEGEND

- HIGHWAY AND ROUTE NO.
- OTHER ROADS
- TRAILS
- SURVEYED LINES: TOWNSHIP'S 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
- ORIGINAL SHORELINE
- MARSH OR MUSKET
- MINES

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 | ▼ |
| CROWN LAND SALE | CS |
| ORDER-IN-COUNCIL | OC |
| RESERVATION | ⊙ |
| CANCELLED | ⊘ |
| SAND & GRAVEL | ⊚ |



ACRES	HECTARES
40	16

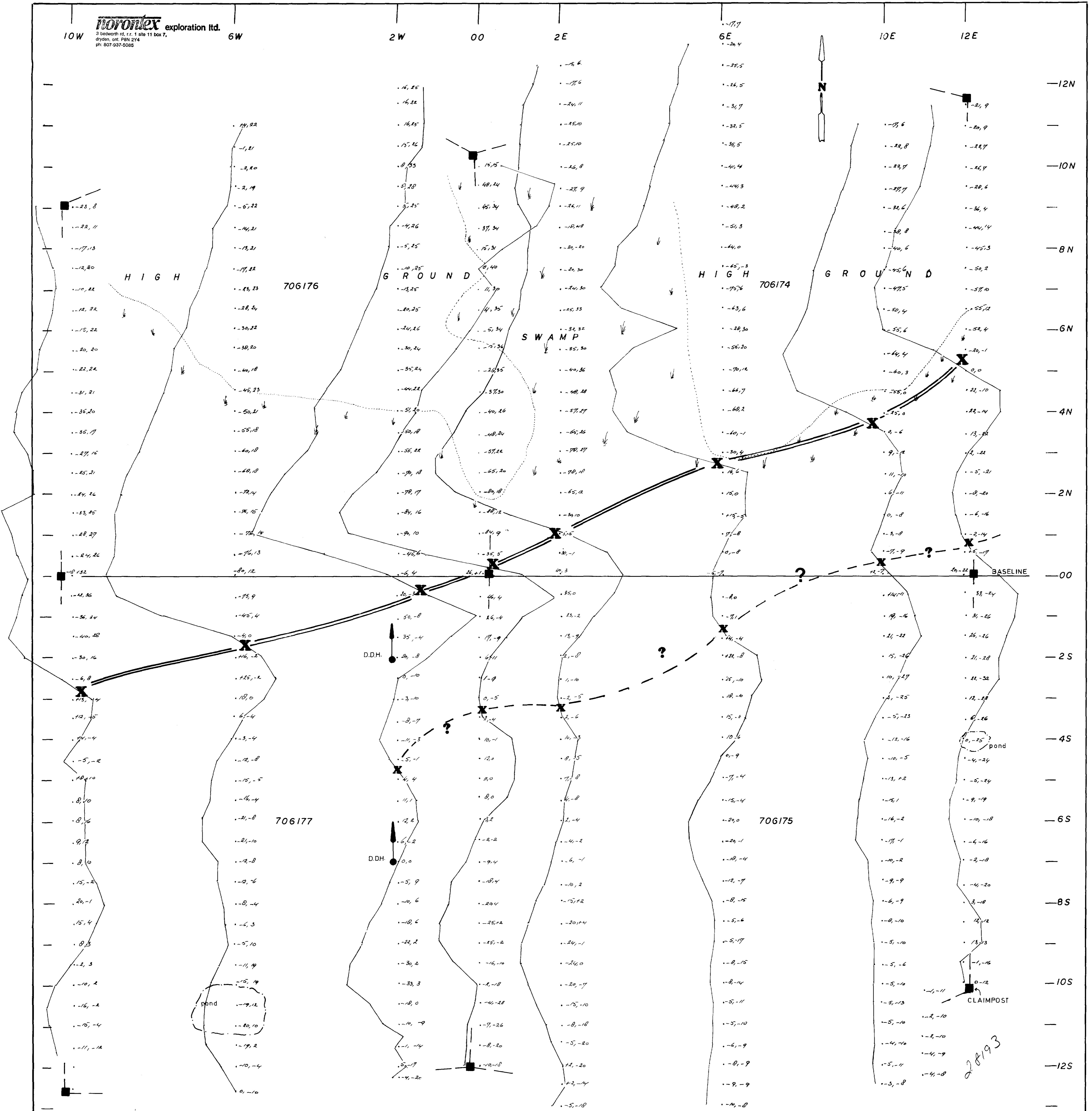
TOWNSHIP *37/83*
LAVAL
 DISTRICT **KENORA**
 MINING DIVISION **KENORA**

Ministry of Natural Resources
 Ontario Surveys and Mapping Branch
 Date Nov 14 Plan No. **M.3370**
 Whitney Block
 Queen's Park Toronto

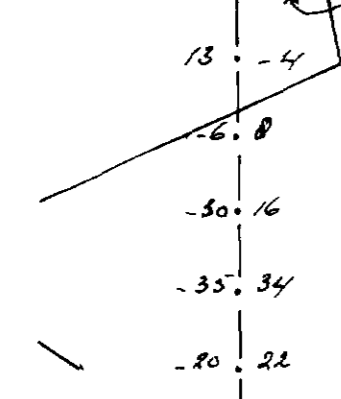
HARTMAN TP. M.1986



10W 6W 2W 00 2E 6E 10E 12E



IN PHASE $\frac{1}{2}$ QUADRATURE



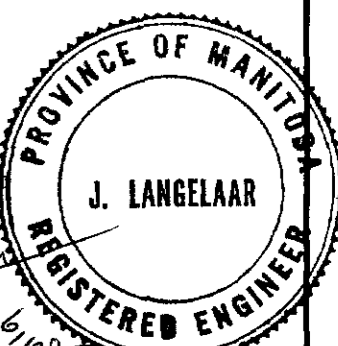
ALL READINGS FACING NORTH.
 STATION: CUTLER, MAINE.

X CONDUCTOR AXIS
X-?-X QUESTIONABLE CONDUCTOR.

SCALE: 1 INCH ~ 100 FEET

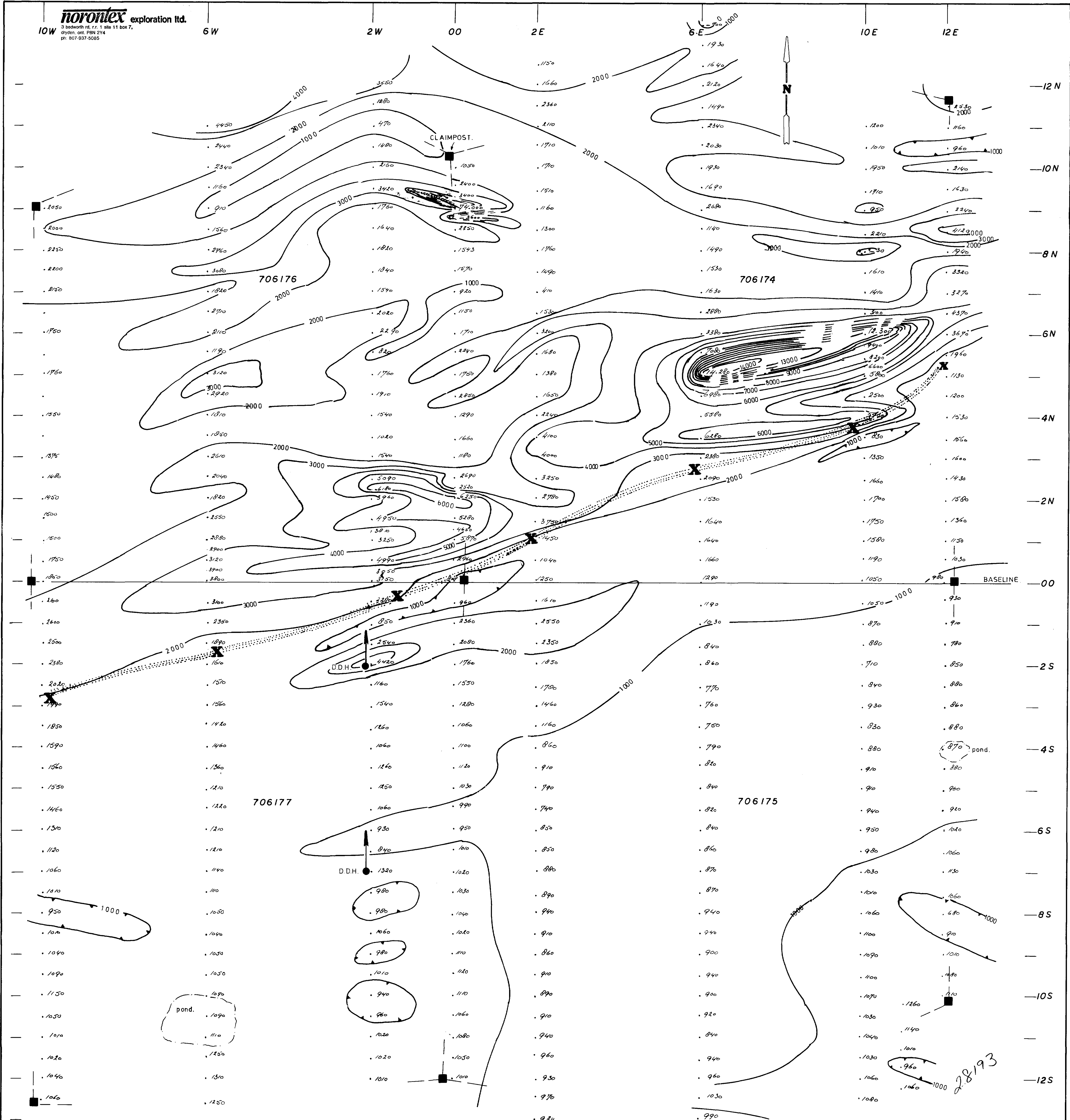
APRIL 1985.

LAVAL TOWNSHIP.
Pb - Ag - Zn SHOWING
 A. GLATZ.
VLF - EM16 SURVEY



210

SCALE: 1 CM = 10%



— X — V.L.F. CONDUCTOR AXIS
 CONTOUR INTERVAL: 1000'.
 SCALE 1 INCH ~ 100 FEET.

LAVAL TOWNSHIP.
Pb - Ag - Zn SHOWING
 A. GLATZ.
MAGNETOMETER SURVEY.

