



52C16NW0032 2.13061 MENARY

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**MINING LANDS SECTION**

**UPDATED COMPILATION REPORT  
OF THE EXPLORATION POTENTIAL  
ON THE MENARY TOWNSHIP PROPERTY  
DISTRICT OF KENORA  
FOR  
WESTERN TROY CAPITAL RESOURCES INC.  
NTS 52 C 13, NW**

**2.13061**

November, 1989

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Ovalbay Geological Services Inc.

Approved by:  
Claude Larouche, P.Eng.

2.11019



52C16NW0032 2.13061 MENARY

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Sample Description, Location and Assays

## INTRODUCTION

The services of Ovalbay Geological Services Inc. were retained by Wayne E. Holmstead of W. Holmstead and Associates to carry out a limited exploration program on the Menary Township property, district of Kenora, northwestern Ontario. The program was conducted in order to begin the evaluation of the gold and base metal potential on the claim group. Following this limited exploration program, an evaluation report was commissioned by W. E. Holmstead.

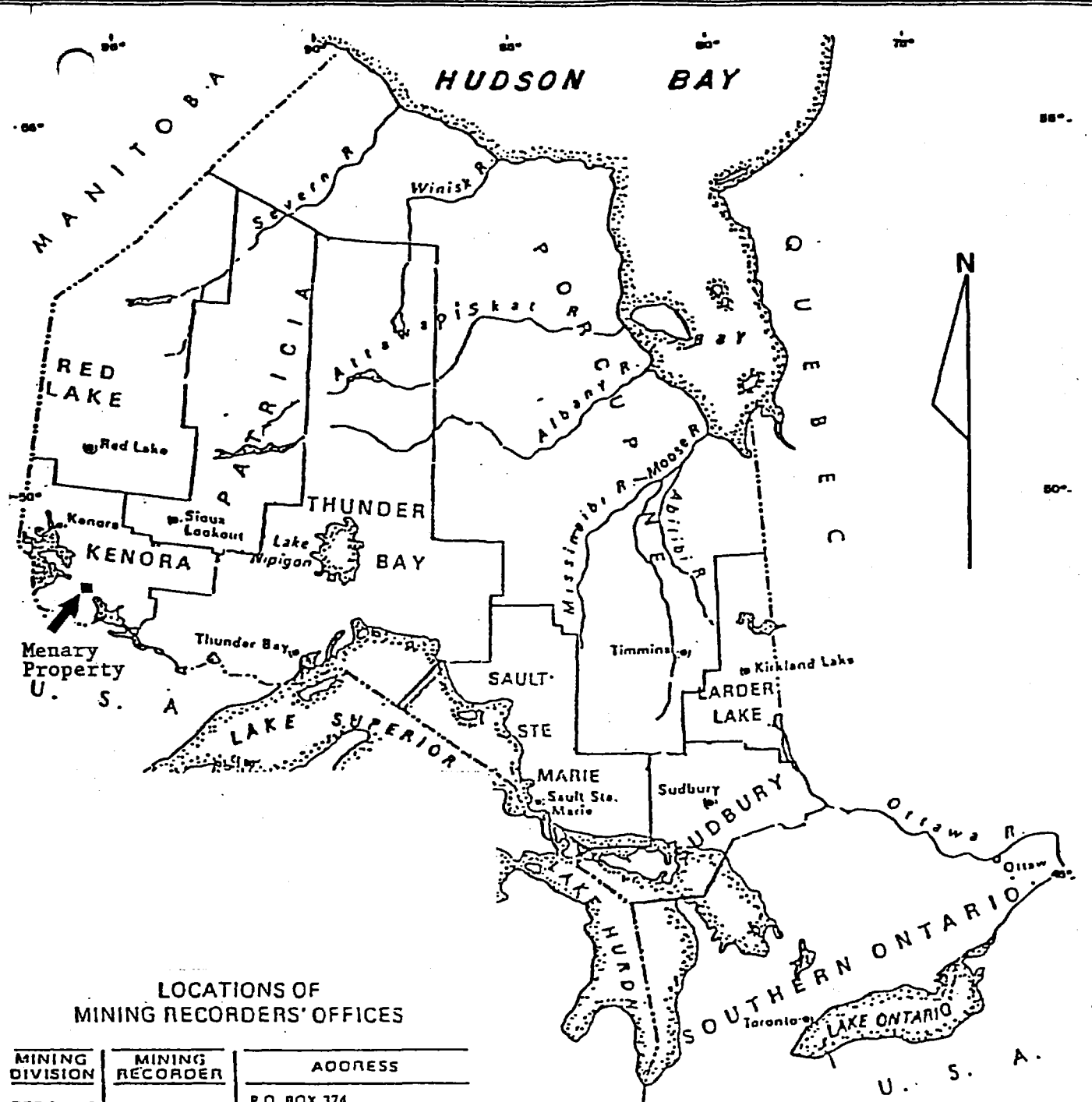
All pertinent public information available at the office of the Resident Geologist in Kenora and all data collected during the summer and fall 1989 exploration program has been carefully studied. The present program includes an appraisal of all the information. Recommendations and a budget are presented in order to further evaluate the potential of economic mineralization.

The property was visited by J. Garry Clark, the author of this report in the spring and summer of 1989 and the claim posts checked were found in their exact locations. Samples collected from the main showing and the results are presented with the chapter of mineralization and in Appendix I.

Ovalbay Geological Services Inc. is a consulting engineering firm with geologists and engineers qualified to carry out all phases of property evaluation and gold-base metal exploration.

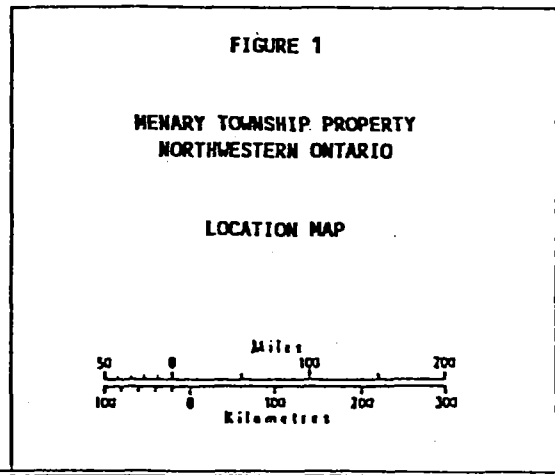
**LOCATION AND ACCESS**

The Menary Township property is located roughly 200 kilometres west - northwest of Thunder Bay (Figure 1), and some 50 kilometres northwest of Fort Frances, in the District of Kenora, northwestern Ontario. The property consists of 30 contiguous unpatented mining claims which are under option from Joseph Lariviere and Richard Roy of Thunder Bay, Ontario. A gold showing is located on claim K 1092637, 30 metres west of the number two claim post. Direct access to the showing by Road 404 is attained by heading east off Highway 71 approximately 13 kilometres north of the village of Finland. Highway 71 is the main artery between Fort Frances and Kenora, Ontario.



**LOCATIONS OF MINING RECORDERS' OFFICES**

MINING DIVISION	MINING RECORDER	ADDRESS
RED LAKE	A.S. RIVETT	P.O. BOX 324 RED LAKE P0V 2M0
KENORA	MARK HALL	808 ROBERTSON ST. KENORA P9N 3X9
PATRICIA	R. SPOONER	P.O. BOX 3000 COURT HOUSE SIOUX LOOKOUT P0V 2T0
THUNDER BAY	A.M. HAYES	435 JAMES ST. S. P.O. BOX 5000 THUNDER BAY P7C 5G6
SAULT STE. MARIE	M. St. JULES	P.O. BOX 669 875 QUEEN ST. E. SAULT STE. MARIE P5A 5N2
PORCUPINE	B.W. HANLEY	60 WILSON AVE TIMMINS P4N 2S7
SUDBURY	V.C. MILLER	199 LARCH ST. 10th FL. SUDBURY P3E 5P9
LARDER LAKE	M. WEIRMEIR	4 GOVERNMENT RD. E. KIRKLAND LAKE P2M 1A7
SOUTHERN ONTARIO	P.M. CHANNESKY	WILLETNY BLOCK, PM. 2548 QUEEN'S PARK TORONTO M7A 1W3



**TOPOGRAPHY AND VEGETATION**

The Menary Township property is dominated by a north south ridge and valley system with the maximum elevation variation being 15 to 20 metres. The valleys are beaver dam, swamp or stream filled with cedar and alder as dominant vegetation. The area has been logged out within the last five years and regrowth is dominantly jack pine and poplar.

Outcrop exposure is approximately 70-80 percent with a thin veneer of glacial till in some locations. Gravel and sand deposits within a short distance of the property have been exploited to build the access road system.

**CLAIMS**

The claims are recorded in the name of Ainsley Financial Corporation and they are registered with the Ministry of Northern Development and Mines, Mining Division of Kenora. The unpatented mining claims are in good standing and form a block of 30 contiguous claims (Figure 2).

<u>Tag Number</u>	<u>Recording Date</u>
K 1092633	January 17, 1989
K 1092634	January 17, 1989
K 1092635	January 17, 1989
K 1092636	January 17, 1989
K 1092637	January 17, 1989
K 1092638	January 17, 1989
K 1092639	January 17, 1989
K 1092640	January 17, 1989
K 1092641	January 17, 1989
K 1120258	July 7, 1989
K 1120259	July 7, 1989
K 1120260	July 7, 1989
K 1120261	July 7, 1989
K 1120262	July 7, 1989
K 1120263	July 7, 1989
K 1120264	July 7, 1989
K 1120265	July 7, 1989
K 1120266	July 7, 1989
K 1120268	July 7, 1989
K 1120269	July 7, 1989
K 1120270	July 7, 1989
K 1120271	July 7, 1989
K 1120272	July 7, 1989
K 1120273	July 7, 1989
K 1120274	July 7, 1989
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K 1120276	July 7, 1989
K 1120277	July 7, 1989
K 1120278	July 7, 1989
K 1120279	July 7, 1989

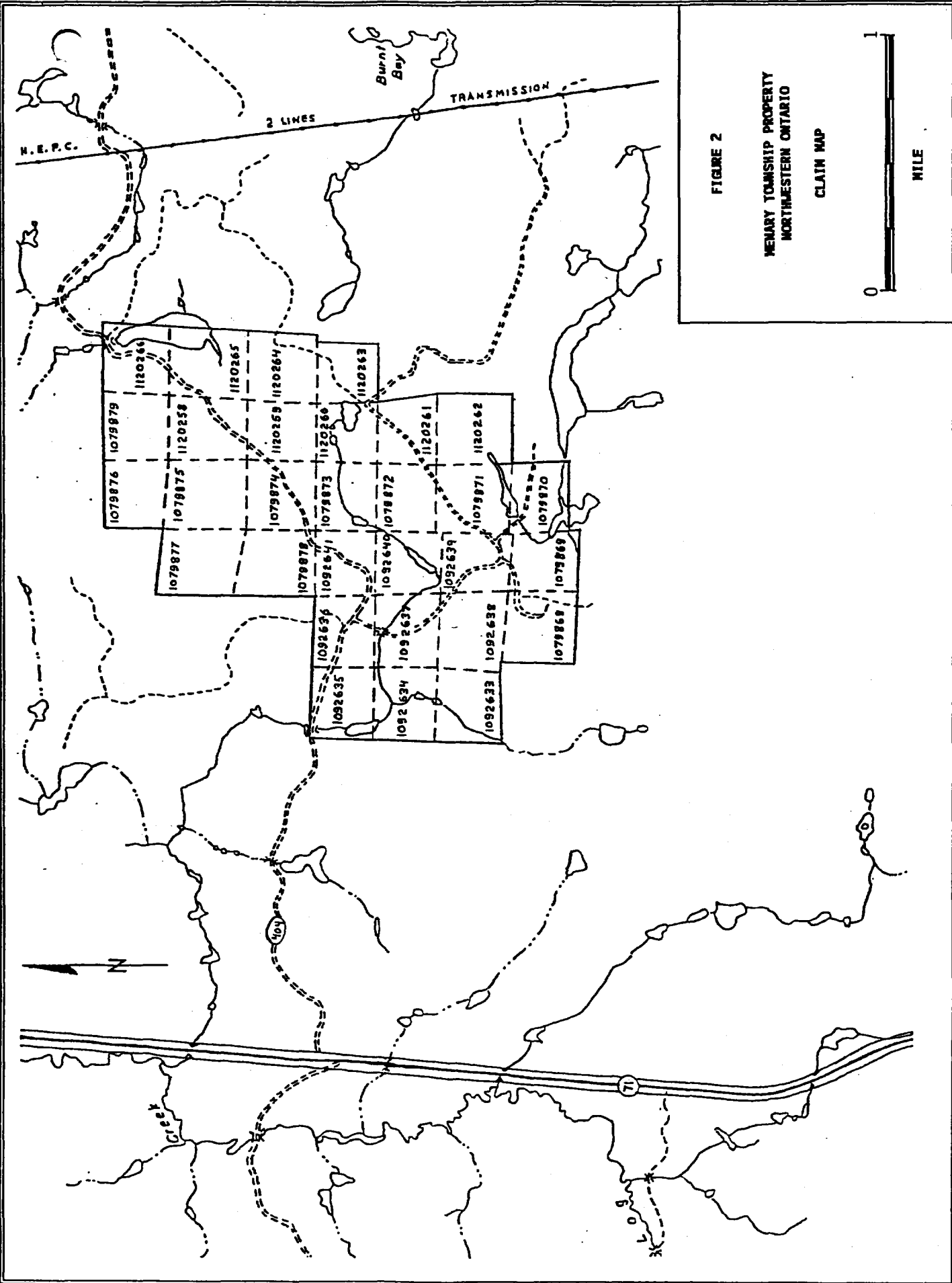


FIGURE 2

MEMARY TOWNSHIP PROPERTY  
NORTHWESTERN ONTARIO

CLAIM MAP





## HISTORY

The search for economic mineral deposits in the Off-Burditt Lake area is first documented in the 1930's.

The work completed to date has been dominated by the search for base metals. Various majors such as Noranda Exploration Company Limited and the International Nickel Company of Canada have completed ground geophysics, airborne geophysics and limited follow-up diamond drilling in the 1960's and 1970's. Hudson Bay Exploration and Development Company Limited completed two diamond drill holes totalling 509 feet within the area of the present claim group. The holes intersected rhyolites with up to 10% pyrite, pyrrhotite and sphalerite over ten feet (Figure 3).

In 1983-85 Agassiz Resources Limited acquired claims throughout the Off-Burditt Lake area. Geophysics (VLF-EM, Magnetics and HLEM), geological mapping, stripping and geochemistry surveys were executed to evaluate the base metal potential of the area. During this program a gold showing was identified and is located in the area covered by this report, (Figure 3). The results of sampling by Agassiz are presented in Table 1.

Part of the Off-Burditt Lake area is also covered by the reconnaissance till sampling in the Fort Frances - Rainy River area, Rainy River District, by A. F. Bajc (1988). The survey was financed by the Ontario Geological Survey. In this survey they identified areas of high numbers of gold grains in till. One of these samples with ten abraded gold grains lies within the claims of the Menary Township property. Two glacial advance directions have been identified by A. F. Bajc (1988). The earlier ice advance direction is from the northeast while the later event is a more west to east movement.

Geological mapping by the provincial government covered the area in 1971. C. E. Blackburn's report defines the geological stratigraphy and documents the showings known at that time.

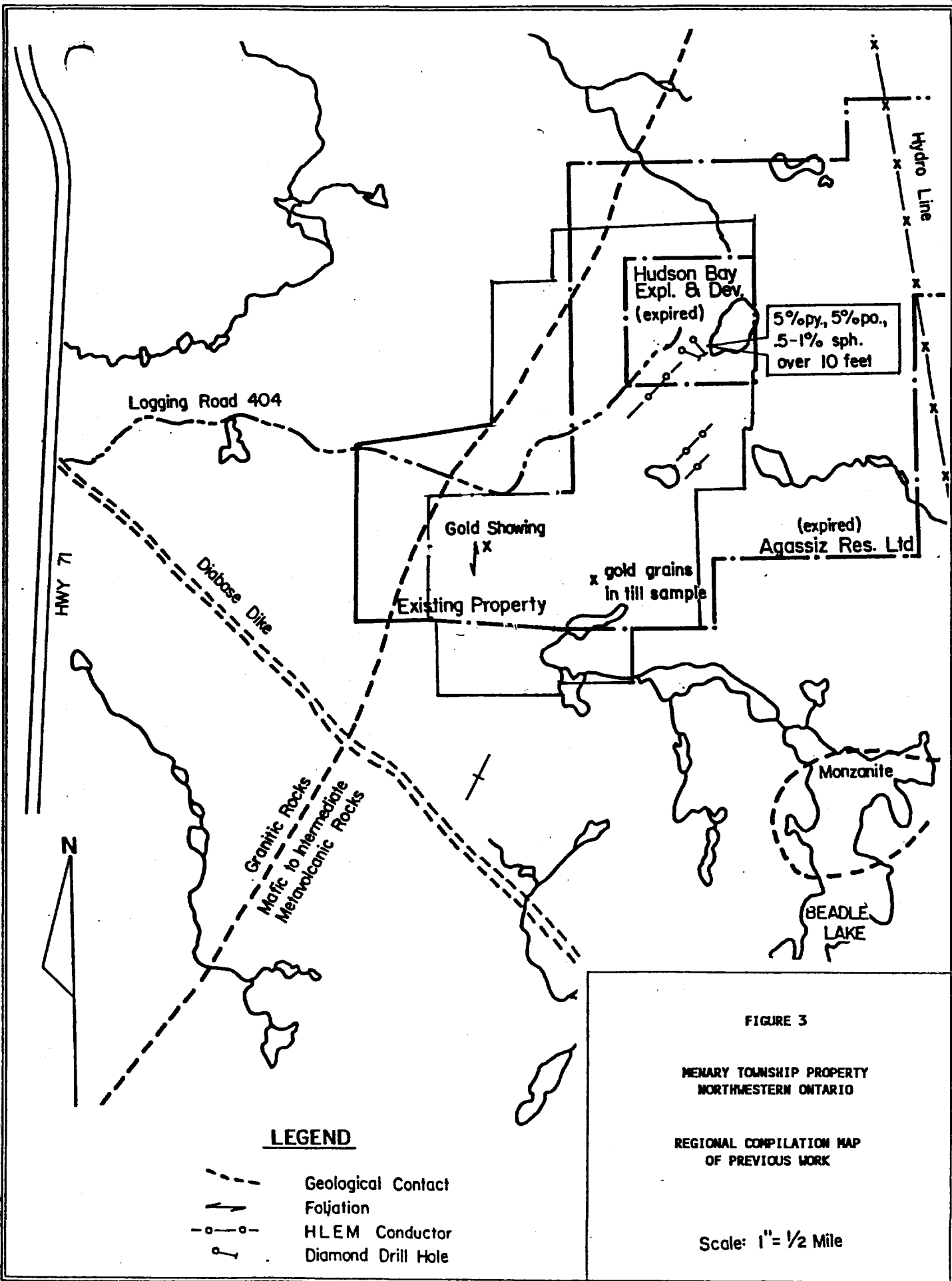


FIGURE 3

MENARY TOWNSHIP PROPERTY  
NORTHWESTERN ONTARIO

REGIONAL COMPILATION MAP  
OF PREVIOUS WORK

Scale: 1" = 1/2 Mile

**TABLE 1**  
**AGASSIZ RESOURCES LTD.**  
**1985 MAIN SHOWING ASSAYS**

SAMPLE NUMBER	DESCRIPTION	(OZ PER TON/FT)	(GM PER TONNE/MT)
3854*	Chips of quartz + mafic schist	0.05/7	1.71/2.1
3855*	Chips of quartz + mafic schist	0.15/10 0.15/10	5.14/3.1 5.15/3.1
3856*	Chips of quartz + mafic schist	0.16/9 0.15/9	5.49/2.7 5.14/2.7
3857*	Chips of quartz + mafic schist	0.03/10	1.03/3.1
3858*	Chips of quartz + mafic	0.01/7	0.34/2.1
3859*,+	Chips of quartz	1.03/25 1.04/25	35.31/7.6 35.66/7.6
3860*,+	Chips of mafic schist	0.005/25	0.17/7.6
3862	Grab of felsic schist	0.002	0.07
3863	Grab of felsic rock	0.002	0.07

(\*) Sample from gold occurrence on claim #728076.

(+) Chips taken along strike of zone; distance refers to strike length.

Studemeister (1985) for Agassiz Resources Ltd.

## REGIONAL GEOLOGY

The regional geology is best described by Blackburn (1976):

"The thick Early Precambrian metavolcanic assemblage underlies more than one-third of the map-area and occupies a northeast-southwest belt which is five miles (8 km) in width. On the northwestern flank of the belt, a mixed mafic sequence of massive lava, porphyritic basalt, and pillow lava is overlain by a mixed sequence of massive lava, pillow lava, porphyritic lava, and pyroclastic rocks. This sequence may be as much as 15,000 feet (4600 m) thick. This lower mafic sequence is intruded by numerous quartz-feldspar porphyry dikes. An upper sequence of mixed mafic to felsic metavolcanics outcrops extensively on the shores of Burditt and Off Lakes in the centre of the belt: felsic to intermediate metavolcanics consist of fine-to-coarse-grained pyroclastic rocks, quartz-feldspar porphyry, and minor dacite and rhyolite; mafic metavolcanics consist of thin massive and pillowed lavas. A narrow mafic unit lies on the eastern flank of the belt.

Regional metamorphism increases from lower greenschist facies grade in the centre of the volcanic belt to lower amphibolite facies grade towards the belt margins. A broad migmatite zone is developed on the eastern flank of the belt. Felsic to intermediate plutonic rocks of Early Precambrian age and attributable to several episodes, all later than the volcanic activity, underlie less than two-thirds of the map-area. The volcanic belt lies between the trondhjemitic Sabaskong Batholith on the northwest, the heterogeneous, hybrid, granodioritic to dioritic Jackfish Lake Complex to the east, and the Fleming Township trondhjemitites to the southeast. The Jackfish Lake Complex is bordered on its eastern side by granitic gneisses and migmatites. Three stocks intrude and lie completely within the volcanic belt: the Black Hawk Stock, a porphyritic granodiorite body with a monzonitic marginal zone; the Finland Stock, a heterogeneous quartz monzonitic to dioritic body; and the granodioritic Burditt Lake Stock.

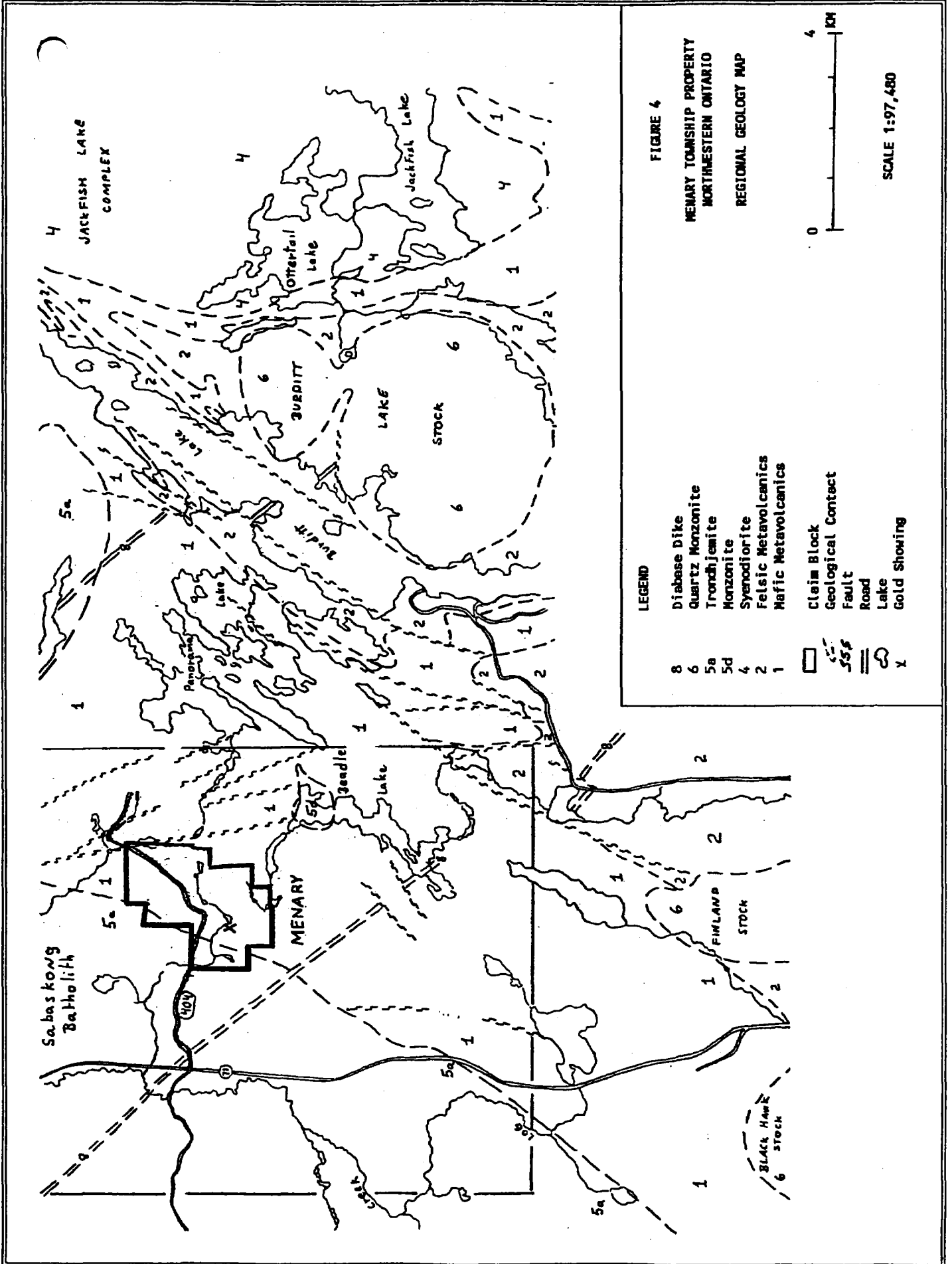
A northwest-trending swarm of Middle to Late Precambrian diabase dikes crosscuts all other bedrock and postdates the major deformation.

During Pleistocene times, Wisconsin glacial activity was associated with ice originating in the Patrician and Keewatin centres, while glacial Lake Agassiz extended into the southwestern part of the map-area.

Major deformation of the metavolcanics was synchronous with plutonic activity. The main structural trend of the greenstone belt is northeast-southwest. No evidence of a major fold structure aligned parallel to this trend was found; on the contrary, all facing criteria indicate a southeast-facing homoclinal sequence. Tensional tectonics, with associated intrusion of diabase dikes, postdated the major episode of compressional tectonics.

Mineralization consists chiefly of pyrite, chalcopyrite, and minor magnetite within the mixed felsic to mafic metavolcanics, in the vicinity of Off Lake, and exploration activity in recent years has mostly been centred on this type of mineralization. Bismuthinite in association with chalcopyrite-pyrite-magnetite occurs within a mafic xenolith in the Jackfish Lake Complex. Substantial amounts of Pleistocene sand and gravel have been partially exploited."

The property lies within the contact zone of the thick mafic volcanic sequence and the Sabaskong Batholith in the northwest of Blackburn's map area.



**PROPERTY GEOLOGY (Map 1a and 1b)**

Based on the recent geological survey carried out on the property under study during the summer of 1989, it was concluded that the geological units underlying the Menary Township property are basaltic (40%) and andesitic (35%) metavolcanics, granitic plutonic (15%), mafic and quartz eye crystal tuffs (5%), acid intrusives and basic intrusives (5%).

The basaltic metavolcanics are divided into three types; flows, pillowed flows and gabbroic textured flows. A minor porphyritic basaltic member is present in the eastern portion of the grid. The medium grained, dark green flows and pillowed flows are composed of 65 percent mafic minerals and 30-35 percent feldspar. The gabbroic basaltic textured flows contain up to three millimetre mafic crystals in a finer grained matrix. The porphyritic basalts occur as pillowed or massive units with five to ten percent feldspar phenocrysts up to two centimetres in size.

The andesitic metavolcanics consist of flows, pillowed flows and coarser dioritic gabbroic units. The massive medium grained andesite flows are composed of equal amounts of felsic and mafic minerals and can coarsen locally to include dioritic gabbro. The pillowed andesite locally contain up to ten percent, less three millimetre varioles at and adjacent the pillow selvage.

A granitic plutonic rock is dominant in the western section of the property. The massive granite is light grey with 60% feldspar, 20 percent pyroxene and 20 percent quartz crystals. The granite is seen to be coarsest away from the volcanic contact and dikes of medium-to-coarse grained granite are seen intruding into the volcanics.

The mafic and quartz eye crystal tuffs are present on the eastern margin of the property intercalated with the basaltic volcanics. The mafic tuff is greyish green medium grained and exhibits centimetre scale beds. The quartz eye crystal tuffs range from quartz eye to feldspar dominant. The light grey coarse grained tuff contains up to ten percent quartz eyes, 90 percent feldspars and felsic fragments locally. A silica cement is present within the fine grained matrix.

The acid intrusives are dominated by greyish to pink fine-to-medium grained feldspar porphyries. These units contain up to 17 percent disseminated pyrite and five percent altered pyroxenes. The porphyries are commonly sucrosic and iron stained on weathered surfaces. In the area of L33+00N 22+50E an intrusive breccia is present with a quartz feldspar rich matrix and fragments of basaltic material.

The basic intrusives are infrequent on the property and are present as dark green narrow fine grained lamprophyres and dark green coarser grained gabbros which transect all rock types.

The general strike direction of the volcanics and granitic contact is 40 to 50 degrees with a sub-vertical to 70 degree east dip. The foliation and shearing noted varies from parallel to the strike and dip to a more north south vertical fabric as seen in the main showing. The metamorphic grade is lower-middle greenschist with local upper greenschist facies noted at the granitic contact.

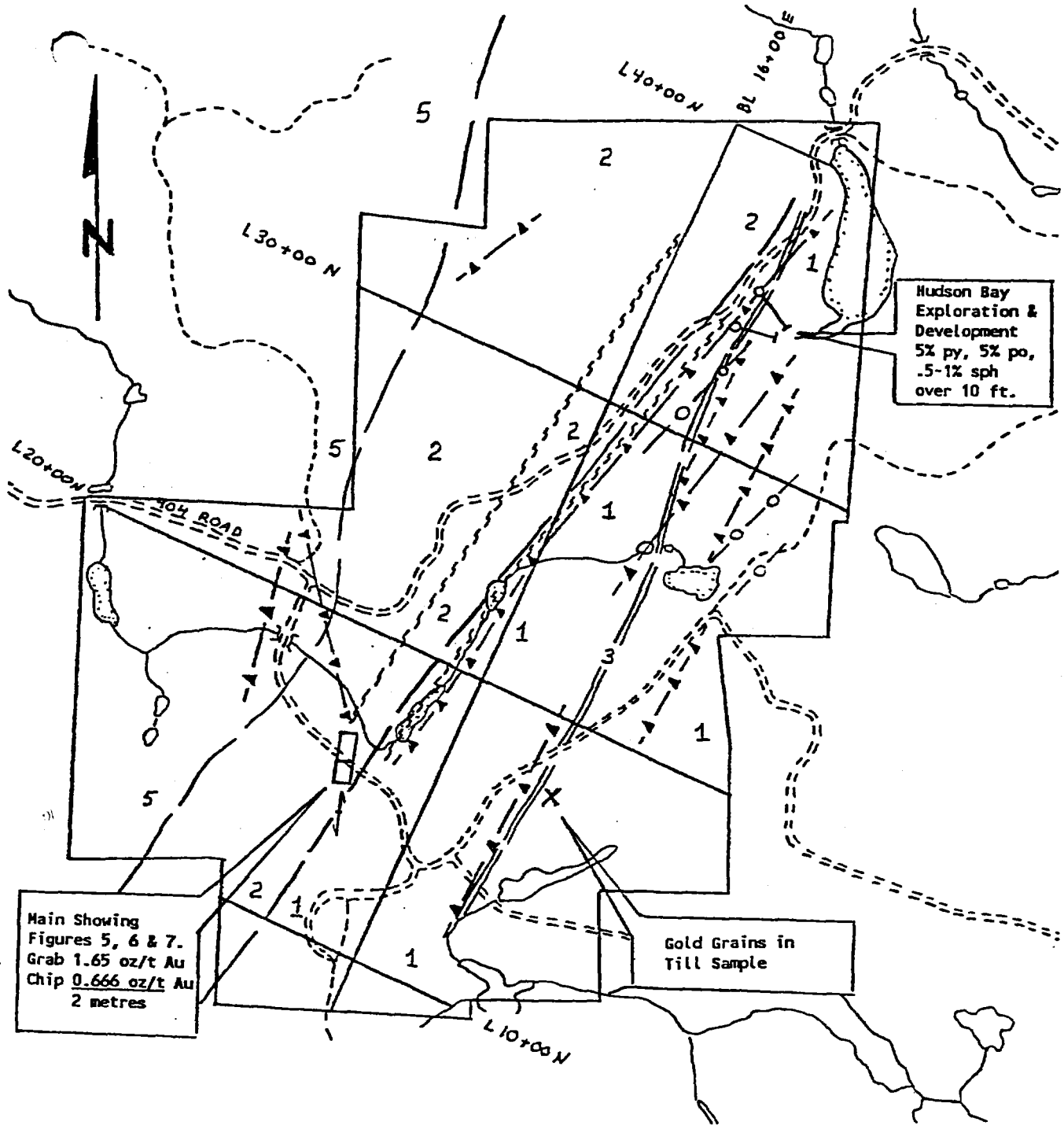
The facing direction of the units, determined by pillowed volcanics, is southeast. The determination of facing directions is obscured by a strong stretching component 90 degrees to bedding. Sulphide mineralization was sporadic consisting of pyrite and minor galena. Pyrite mineralization is present within the felsic intrusives, sheared, volcanic flows and tuffs and quartz veins. The galena was noted in a felsic intrusive on L24+00N 11+00E.

### Structure

Two large scale dominant structures are evident from topographical features and geological mapping. The structures are expressed as valleys of varying size and are located from L16+50N 14+00E to L34+00N 18+50E and L17+00N 12+50E to 36+00N 15+75E (Figure 5). The orientation of these possible faults is sub-parallel to the regional structures at 030-050 degrees and dip sub-vertically. The outcrops adjacent to the faults either exhibit a foliation fabric parallel to the structure or a blocky fault breccia texture.

The main showing lies within an anastomosing shear zone which strikes north-south to 010 degrees east and has a vertical dip. It is apparent that this structure is co-incident with the fault structure located from L17+00N 12+50E to L36+00N 15+75E.





Main Showing  
 Figures 5, 6 & 7.  
 Grab 1.65 oz/t Au  
 Chip 0.666 oz/t Au  
 2 metres

Hudson Bay  
 Exploration &  
 Development  
 5% py, 5% po,  
 .5-1% sph  
 over 10 ft.

Gold Grains in  
 Till Sample

LEGEND

- 5 Granitic Rocks
- 3 Tuff, Crystal Tuff
- 2 Andesitic Metavolcanics
- 1 Basaltic Metavolcanics

MINERALS

- Au Gold
- Py Pyrite
- Po Pyrrhotite
- Sph Sphalerite

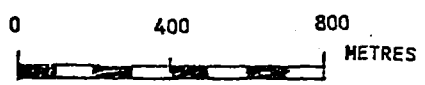
- ==== Roads
- SSSS Fault
- Foliation
- ▲ VLF Conductor
- HLEM Conductor
- Diamond Drill Hole
- Geological Contact

FIGURE 5

MENARY TOWNSHIP PROPERTY  
 NORTHWESTERN ONTARIO

PROPERTY COMPILATION MAP

SCALE 1: 20,000



## RECENT WORK

In the months of September and October, 1989 a comprehensive exploration program was completed on the Menary Township property (Figure 5). Ovalbay Geological Services Inc. was contracted to complete magnetometer and VLF-EM geophysical surveys and geological mapping on a 52.3 kilometre cut grid. The grid base line is oriented at 205 degrees. A stripping and sampling program followed the mapping program to further define and extend the main showing of L15+15N 12+60E. An Induced Polarization survey of 7.3 kilometres was completed in October and November 1989 by Exsics Exploration of Timmins, Ontario.

A total of 86 samples were taken and analyzed for gold (Appendix I). The best results include a grab sample of 1.65 ounces gold per ton and a chip sample of 0.666 ounces gold per ton over a width of two metres. The highest assay values were obtained from the main showing and indicate the presence of free gold.

The results of the geological mapping program were included in the chapter on the property geology along with a discussion on the main structural features. Samples were collected where alteration and a sulfide were present. The samples were assayed for gold and the results along with a brief description are presented in Appendix I.

A Scintrex MP-2 magnetometer and corresponding base station were used to complete the magnetic survey of the property. Readings were taken at 25 metre intervals on the baseline, tie lines and wing lines. The magnetic data defines some weak highs which correspond to the lithological trend. The granites found to the west differ little magnetically to the volcanics of the east (Maps 2a and 2b).

A Geonics EM-16 unit was used to complete the VLF-EM survey at 25 metre stations on the property. The survey utilized Cutler, Maine as a transmitting station. The conductor axes are illustrated in the Figure 5. The survey succeeds in locating conductors that correspond to stratigraphic units as well as swamp edges, structural and topographic features (Table 2) (Maps 3a and 3b).

The 7.3 kilometre induced polarization survey using dipole-dipole method was completed over an area bounded by L12+00N from 7+00E to 16+00E and L18+00N from 7+75E to 22+00E. The survey tested the main showing L15+15N 12+60E and the tuffaceous horizons between L17+00N to L18+00E. The results of the survey were disappointing as the main showing was not discernable and the tuffaceous horizons were marginally above background readings. The amount and the distribution of the sulfides within these zones may not create an anomaly strong enough to be picked up by the technique used.

A stripping and sampling program has been completed to evaluate the strike extension of the main showing (L15+15N 12+60E), (Figures 7 and 8). A total of 27 samples were taken as chip samples across the stripped area. The best chip assay is 0.666 ounces gold per ton over 2.0 metres (Appendix I). Overburden depth to the north of the main showing prevented a conclusive determination of the strike extension (Figure 7). To the south of the showing stripping has extended the zone for 60 metres. An assay of 0.04 ounces gold pre ton over 2.0 metres has been returned 50 metres south of the original showing (Figure 8).

**TABLE 2**  
**VLF-EM CONDUCTORS**  
**(Maps 3a and 3b)**

#	LOCATION	STRENGTH	MAGNETIC CO-RELATION	EXPLANATION
A	L17+00N 12+70E to L22+00N 8+50E	moderate	none	fault?
B	L17+00N 9+20E to L21+00N 8+25E	moderate	none	swamp edge
C	L17+00N 14+50E to L38+00N 20+00E	moderate to strong	weak to none	fault zone
D	L13+00N 17+50E to L20+00N 17+90E	weak to moderate	none	sheared tuff horizon
E	L21+00N 21+80E to L24+00N 22+00E	weak to moderate	spotty flanking high	sheared tuff horizon
F	L28+00N 19+25E to L33+00N 19+50E	moderate	weak	sheared tuff horizon
G	L25+00N 18+90E to L33+00N 20+85E	weak	none	geological contact, swamp valley
H	L27+00N 21+40E to L32+00N 22+00E	weak to moderate	spotty flanking high	unexplained
I	L32+00N 10+10E to L34+00N 10+60E	weak to moderate	none	swamp edge

## PROPERTY MINERALIZATION

The gold showing on the property (L15+10N 12+60E) is a 2.5 metre wide shear zone with folded lenses and stringers of sucrosic quartz (Figure 6). The zone is exposed for a distance of 60 metres (Figures 7 & 8). The shear zone consists of pyrite (<2%) white mica and carbonate veinlets in a chlorite matrix. The zone strikes north-south and dips vertically. The quartz lenses and stringers are highly folded and exhibit a crack and seal texture. Chlorite and up to 3% pyrite is found along the crack and seal planes. The massive intermediate to mafic volcanic host rock is foliated and silicified within two metres of the shear zone. Feldspar porphyry dikes are present within the shear zone. The dikes are sheared parallel to the zone and contain up to two percent disseminated pyrite. On strike they are up to two metres wide.

Previous chip sampling has assayed from 0.01 to 0.16 oz Au/ton over widths of seven to ten feet. A chip sample of 25 feet along strike of the original showing assayed greater than one ounce gold per ton (Table 1). This data is from assessment files at the Kenora Mining Division Office and exact locations of the samples within the trench are not given. Grab samples by the author returned assays as high as 1.65 ounces gold per ton (Figure 6). Recent chip samples range up to 0.666 ounces gold per ton over two metres in the north stripped area to 0.04 ounces gold per ton over two metres in the south stripped area. Both locations are separated by 59 metres (Figures 7 and 8).

Sulphide mineralization of up to two percent pyrite is present within narrow sheared tuffaceous horizons located on the eastern margin of the property. The pyrite occurs on fracture planes and as fine disseminated crystals. Samples from the horizon are marginally anomalous in gold (ppb). Previous drilling on the horizon by Hudson Bay Exploration and Development Company intersected ten feet of one half to one percent sphalerite (Figure 5).

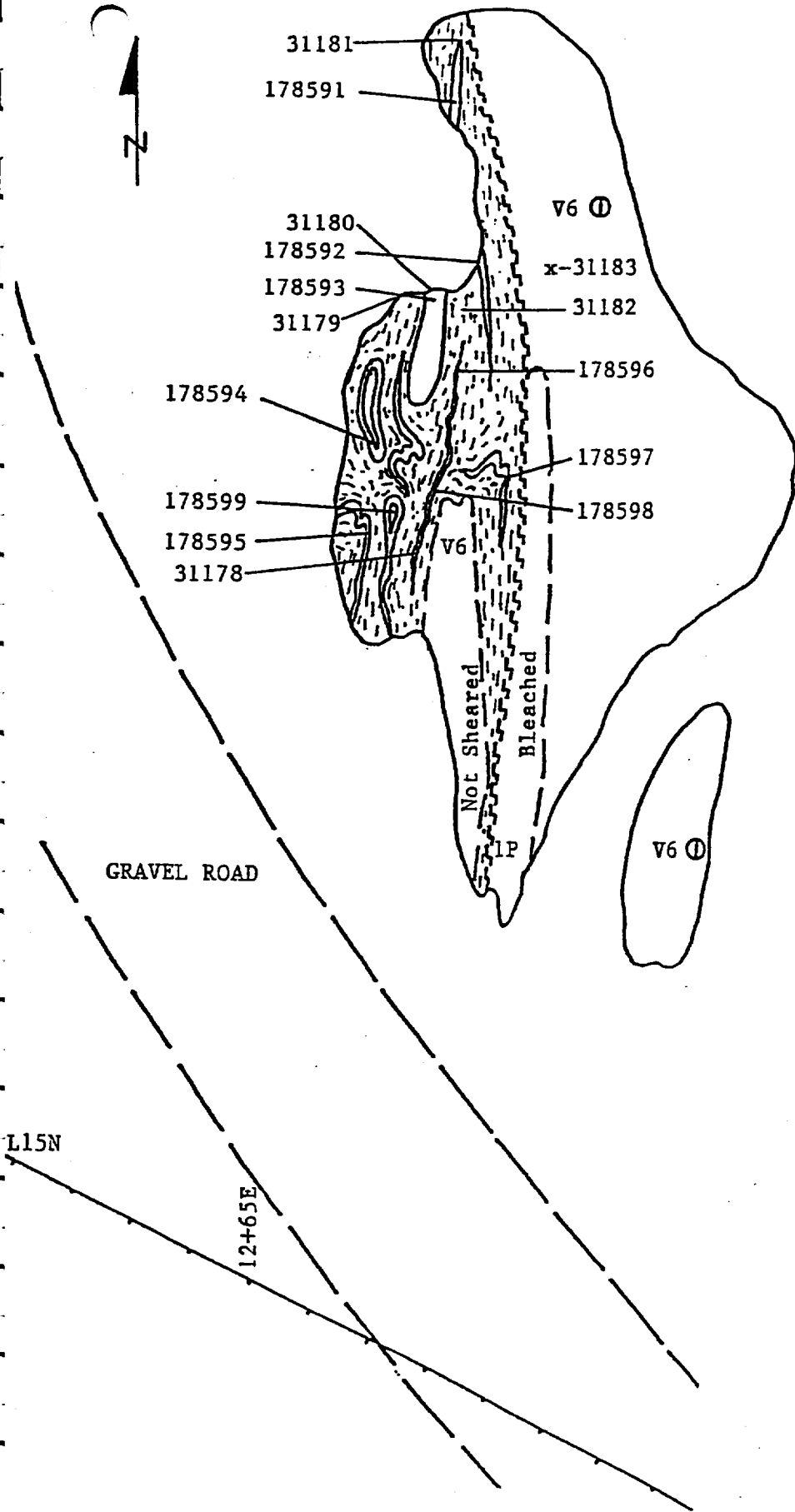


FIGURE 6

**MENARY TOWNSHIP PROPERTY  
NORTHWESTERN ONTARIO**

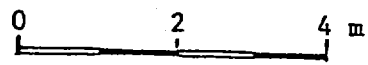
**MAIN SHOWING**

**LEGEND**

- 1P Porphyry
- V6 Andesite
- ⊙ Pillows
- Quartz Veins
- SSSS Shear Zone Contact
- Sheared Volcanics
- Geological Contacts
- 17859x Sample Number

**GRAB SAMPLES**

SAMPLE NUMBER	Au (ppb)	ASSAY (oz/ton)
178591	608	0.018
178592	20934	0.609
178593	21393	0.623
178594	80	0.002
178595	2191	0.064
178596	2162	0.063
178597	265	0.008
178598	1521	0.044
178599	3306	0.096
31178		0.028
31179		1.05
31180		1.65
31181		0.13
31182		0.026
31183		0.01



SCALE 1:100

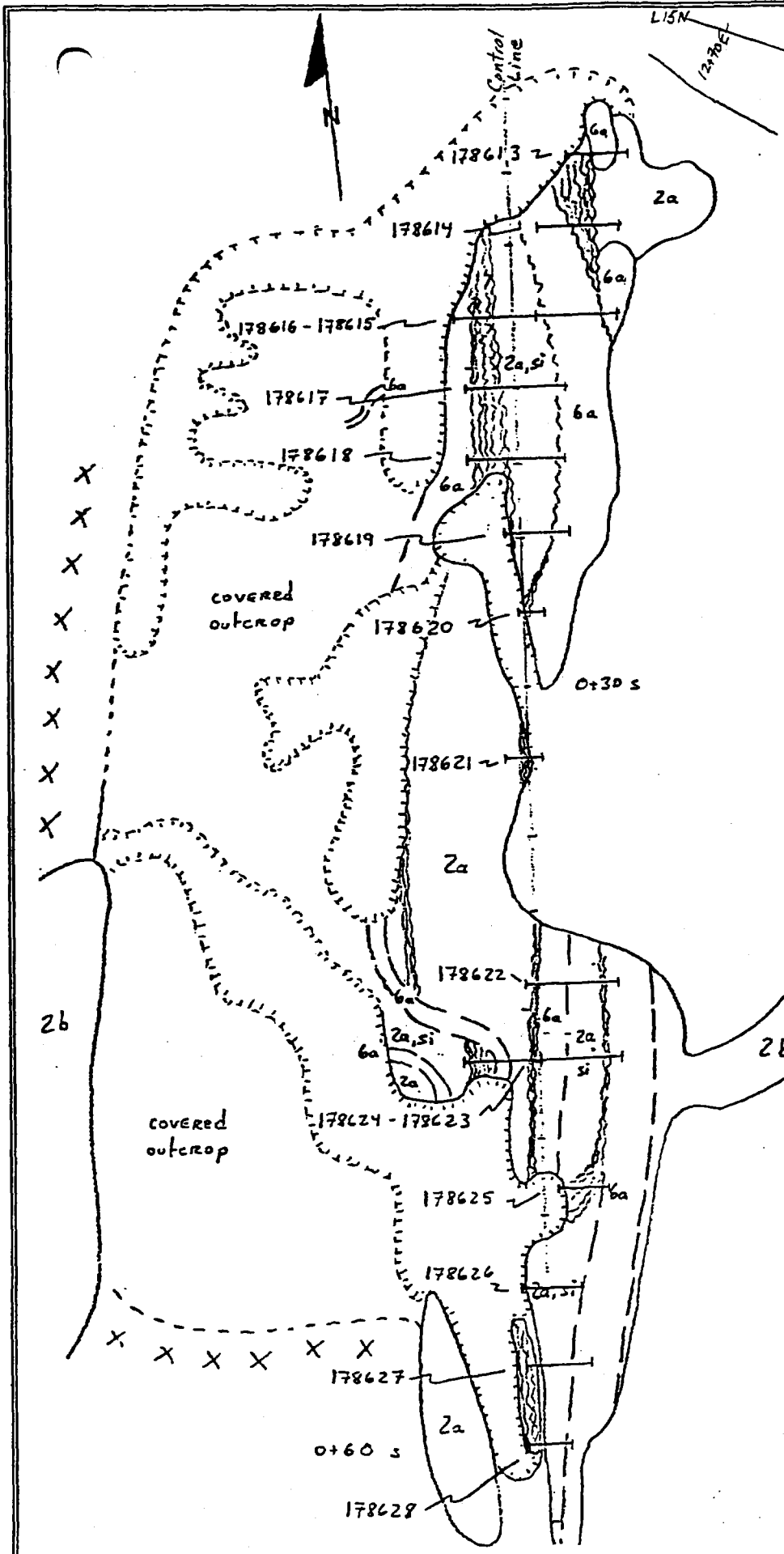


FIGURE 7

MENARY TOWNSHIP PROPERTY  
NORTHWESTERN ONTARIO

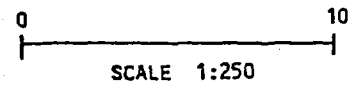
SOUTHERN STRIPPED AREA

LEGEND

- 2a Andesitic Flow Pillows
- 2b Quartz-Feldspar Porphyry
- 6a Chlorite Schist with Quartz Stringers (Main Showing)
- si Silicified Alteration
- Geological Contacts
- + + + Depression
- x x x Material from Trench
- | | Chip Sample

CHIP SAMPLES

SAMPLE NUMBER	Au (ppb)	ASSAY (oz/ton)	LENGTH (metres)
178613	282	0.008	2.5
178614	47	0.001	3.5
178615	724	0.021	3.0
178616	167	0.005	3.5
178617	1898	0.055	4.0
178618	27	0.001	4.0
178619	202	0.006	2.5
178620	15	<.001	1.0
178621	10	<.001	1.0
178622	10	<.001	4.0
178623	8	<.001	3.5
178624	6	<.001	3.0
178625	1377	0.040	2.0
178626	12	<.001	2.5
178627	7	<.001	2.5
178628	7	<.001	2.0



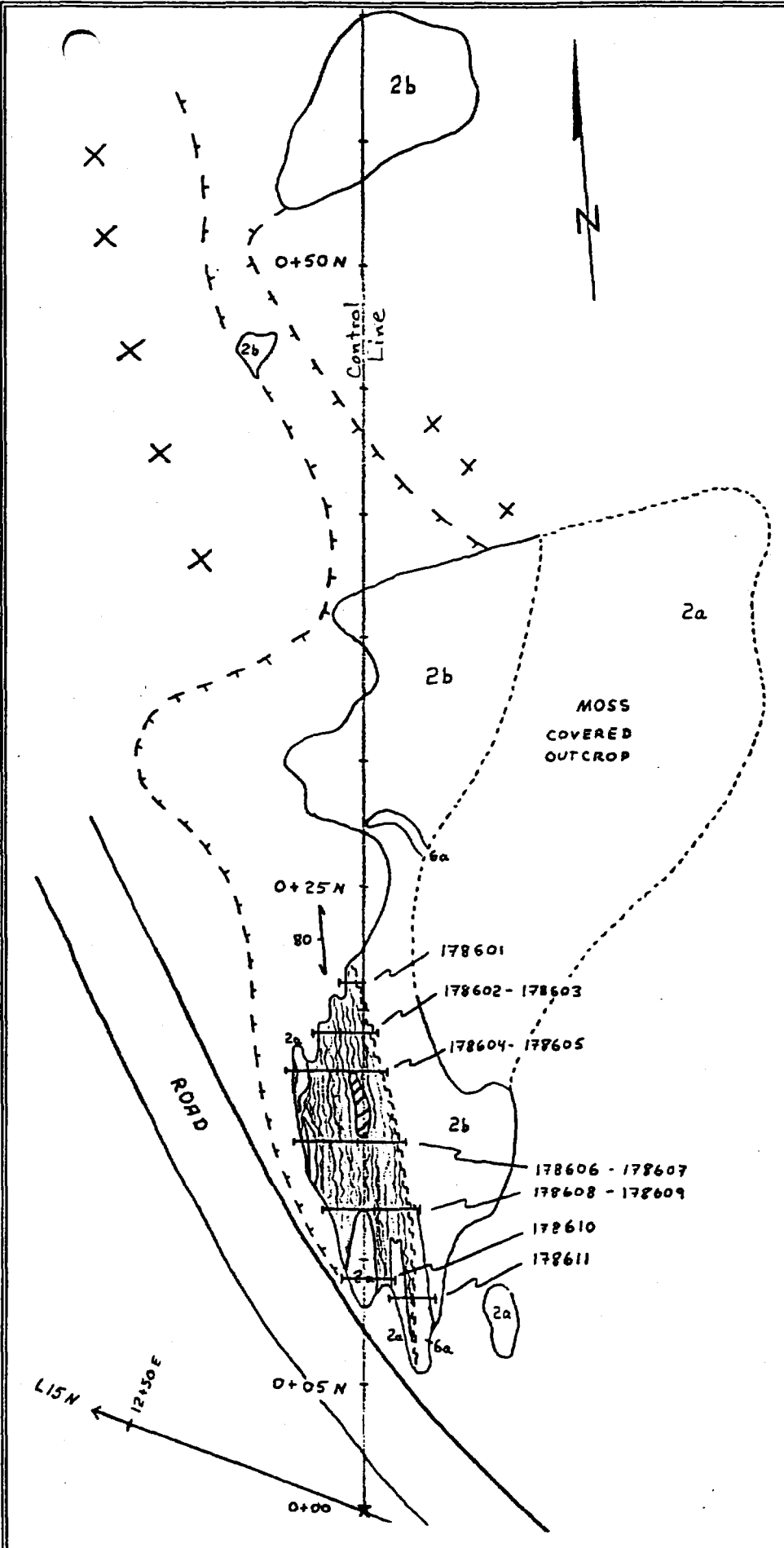


FIGURE 8

MENARY TOWNSHIP PROPERTY  
NORTHWESTERN ONTARIO

NORTHERN TRENCH AREA

LEGEND

- 2a Andesitic Flow Pillows
- 2b Quartz-Feldspar Porphyry
- 6a Chlorite Schist with Quartz Stringers (Main Showing)
- 6b Chlorite Schist with Quartz Stringers (Main Showing)



Chlorite Schist with Quartz Stringers (Main Showing)

Depression

Material from Trench

Schistosity (inclined)

Shear Zone

Chip Sample

CHIP SAMPLES

SAMPLE NUMBER	Au (ppb)	ASSAY (oz/ton)	LENGTH (metres)
178601	730	0.021	1.0
178602	95	0.003	1.0
178603	3091	0.090	1.5
178604	6477	0.188	2.0
178605	22891	0.666	2.0
178606	571	0.017	2.5
178607	424	0.012	2.0
178608	2064	0.060	2.2
178609	1563	0.045	1.8
178610	374	0.011	2.0
178611	248	0.007	2.0

0 10 metres

SCALE 1:500



## DISCUSSION AND CONCLUSIONS

A preliminary systematic exploration program has been carried out on the Menary Township property. This program included line cutting, geological mapping, geophysical surveys, stripping and sampling.

The main showing on L15+10N at station 12+60E returned the most significant assays including a 2.0 metre chip of 0.666 ounces gold per ton. The geological setting of the showing is within sheared altered metavolcanics. The location is coincident with a large topographically and geologically defined fault extending from L17+00N 12+50E to L36+00N 15+75E.

The gold values and geological setting of the main showing warrant further examination. The relationship of the faulting to gold mineralization is presently unknown and must be evaluated. The tuffaceous horizons which are found on the eastern margin of the claims have returned poor gold values but previous drilling of one of the horizons intersected sulphide mineralization indicative of base metal regimes.

## RECOMMENDATIONS AND BUDGET

A two phase exploration program with a budget of \$ 400,000.00 is recommended to evaluate the gold and base metal potential of the Menary Township property. The first phase program will include stripping, 5000 feet of diamond drilling and lithogeochemical multi-element analysis.

The stripping program will evaluate the strike extensions of the main gold showing and co-incident property scale fault. The diamond drill program will evaluate the down dip extension of the main showing, the fault zone and the base metal potential of the tuffaceous horizon. Lithogeochemical analysis will be used to evaluate alteration patterns of surface and core samples in comparison to characteristic base metal deposit alteration.

The second phase exploration program will include 7000 feet of diamond drilling and a test induced polarization survey. The diamond drilling will further evaluate the results obtained in the initial program. The test induced polarization survey will utilize various methods and spacings of the survey systems to evaluate the entire property.

### Phase I

Stripping		
35 hours @ \$100/hr .....	\$	3,500.00
Washing and Sampling		
6 days @ \$300/day .....	\$	1,800.00
Geological Mapping		
9 days @ \$450/day .....	\$	4,050.00
Assaying		
50 samples @ \$14/sample .....	\$	700.00
Diamond Drilling		
5,000 ft @ \$20/ft (all inclusive) .....	\$	100,000.00
Geology and Gold Assays		
5,000 ft. @ \$5/ft. ....	\$	25,000.00
Lithogeochemical Analysis		
50 samples @ \$20/sample .....	\$	1,000.00
Reports, Drafting and Administration .....	\$	11,750.00
Contingencies .....	\$	10,150.00
<b>TOTAL PHASE I .....</b>	<b>\$</b>	<b>157,950.00</b>

Phase II

Diamond Drilling	
7,000 ft @ \$20/ft (all inclusive) .....	\$ 140,000.00
Geology and Gold Assays	
7,000 ft. @ \$5/ft. ....	\$ 35,000.00
Lithogeochemical Analysis	
50 samples @ \$20/sample .....	\$ 1,000.00
Induced Polarization Test Survey	
22 Days @ \$1500/day .....	\$ 33,000.00
Reports, Drafting and Administration .....	\$ 17,450.00
Contingencies .....	<u>\$ 15,600.00</u>
<b>TOTAL PHASE II .....</b>	<b>\$ 242,050.00</b>
<b>TOTAL OF PHASE I AND PHASE II .....</b>	<b>\$ 400,000.00</b>

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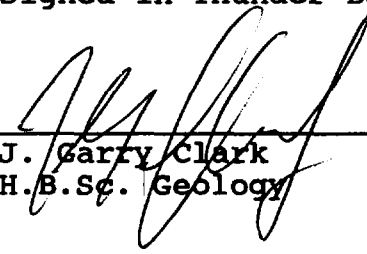
Report on Magnetic, VLF and Horizontal Loop EM Surveys, Hodge and Box Lake Grids Menary and Senn Townships Ontario. Agassiz Resources Ltd., 11 p., Assessment Files, Kenora Mining District

**CERTIFICATE OF QUALIFICATIONS**

THIS IS TO CERTIFY THAT:

- I am a resident of Thunder Bay, province of Ontario, Canada (618 N. Vickers Street, Thunder Bay, Ontario, P7C 4B7).
- I have been engaged in base and precious metal exploration as a geologist since 1983.
- I am a graduate of Lakehead University, Thunder Bay, Ontario (H.B.Sc. Geology, 1983).
- I have not received, directly or indirectly, or expect to receive any interest in the company and its properties.

Signed in Thunder Bay, November 1989



---

J. Garry Clark  
H.B.Sc. Geology

**CERTIFICATE OF QUALIFICATIONS****THIS IS TO CERTIFY THAT:**

- I am a resident of Thunder Bay, province of Ontario, Canada (301 Southgate Crescent, Thunder Bay, Ontario).
- I have been engaged in mining exploration since 1974 and have been consulting as a professional geological engineer since 1980.
- I am a graduate of Quebec University, Chicoutimi (B.Sc. Eng., 1974) and Carleton University (M.Sc. Geology, 1979).
- I am a member of the Order of Engineers of the province of Quebec and also a member of the Quebec Prospectors Association, of the Prospectors and Developers Association and of the Canadian Institute of Mining and Metallurgy.
- I have not received, directly or indirectly, or expect to receive any interest direct or indirect in the company and its properties.

Signed in Thunder Bay, Ontario, November 1989.

  
Claude Larouche, M.Sc., P.Eng.

**APPENDIX**

## APPENDIX I

## SAMPLE DESCRIPTION, LOCATION AND ASSAYS

SAMPLE NUMBER	SAMPLE TYPE	DESCRIPTION	LOCATION	GOLD ASSAY		LENGTH
				(ppb)	(oz/ton)	
31176	grab	sucrosic quartz vein, 1-2% pyrite on fracture	L0+78 on southern trench base line		0.01	
31177	grab	sucrosic quartz vein or siliceous dike, 1-2% pyrite	L0+65S on southern trench base line		<0.01	
31178	grab	sucrosic quartz vein, 1-2% pyrite on crack & seal	main showing (northern trench)		0.028	
31179	grab	sucrosic quartz vein, 1-2% pyrite with chlorite in fractures	main showing		1.05	
31180	grab	sucrosic quartz vein, 1-3% pyrite with chlorite in fractures	main showing		1.65	
31181	grab	sucrosic quartz vein, 1-3% pyrite on crack & seal fracture	main showing		0.13	
31182	grab	host chlorite carbonate schist, 1-2% pyrite	main showing		0.026	
31183	grab	intermediate-mafic tuff, silicified, 1% pyrite on fracture	host rock		0.01	
178551	grab	sucrosic porphyry aplitic dike, minor pyrite, disseminated & on fractures	L16+35N 12+75E		50	
178552	grab	granite, foliated with 1% pyrite on fractures as 1-2 mm cubes	L18+00N 10+35E		8	
178553	grab	glassy quartz vein, trace pyrite, minor chlorite	L24+00N 21+25E		6	
178554	grab	glassy quartz vein in volcanic, trace pyrite	L22+00N 10+25E		79	
178555	grab	quartz veinlets & porphyry with minor pyrite on fractures	L20+05N 14+30E		19	
178556	grab	hematized altered granite, 1-2% pyrite clots (contact zone)	L20+10N 10+10E		5	
178557	grab	sucrosic porphyry, <1% disseminated pyrite, pyrite & galena traces on fracture	L24+05N 11+05E		<5	
178558	grab	altered granite, contact zone to biotite-chlorite volcanic, trace pyrite	L20+10N 10+10E		<5	
178559	grab	quartz vein & porphyry iron stained	L23+04N 14+28E		16	
178560	grab	chlorite carbonate shear zone	L23+08N 11+35E		10	



SAMPLE NUMBER	SAMPLE TYPE	DESCRIPTION	LOCATION	GOLD ASSAY		LENGTH
				(ppb)	(oz/ton)	
178561	grab	quartz vein in chlorite shear zone trace pyrite	L29+00N 12+15E	5		
178562	grab	sucrosic porphyry, trace pyrite	L24+90N 11+15E	101		
178563	grab	sucrosic quartz vein or porphyry trace pyrite, minor glassy cross- cutting quartz veins	L26+00N 11+05E	<5		
178564	grab	chlorite ± biotite shear zone, minor pyrite clots & pyrite on fractures	L29+00N 12+15E	<5		
178565	grab	sucrosic porphyry & quartz vein, ~1% pyrite on strike with sample above	L29+20N 12+30E	<5		
178566	grab	altered granite, minor pyrite & biotite, sucrosic near contact	L20+00N 10+05E	<5		
178567	grab	glassy quartz vein inside pillowed andesite, trace of pyrite	L35+00N 17+55E	<5		
178568	grab	white to red sucrosic quartz vein one foot wide with minor pyrite	L35+35N 13+85E	<5		
178569	grab	small rusty shear zone, 1% fine grained pyrite	L24+50N TL? 22+00E	13		
178570	grab	rusty zone, silicified basalt with quartz veinlets, 1% pyrite	L30+00N 23+55E	5		
178571	grab	sheared basalt with quartz stringers (red) & 1% pyrite	L30+00N 24+00E	<5		
178572	grab	golden reddish quartz vein (E-W) with 1% pyrite	L29+00N 24+25E	<5		
178573	grab	rusty shear zone with reddish quartz vein, 1% pyrite	L27+00N 22+00E	7		
178574	grab	northern white quartz vein crossing the shear zone in basalt at 45 degrees	L24+00N 21+35E	34		
178575	grab	rusty shear zone with quartz stringers & 1% pyrite	L24+05N 21+35E	<5		
178576	grab	sheared zone with quartz stringers, 1% pyrite	L24+00N 21+62E	5		
178577	grab	western shear zone along crystal tuff margin, quartz stringers & spots with up to 3% pyrite	L18+00N 18+40E (long shear zone)	82		
178578	grab	eastern shear zone along crystal tuff margin with reddish quartz vein & 1-2% pyrite	L18+00N 18+55E (long shear zone)	32		

SAMPLE NUMBER	SAMPLE TYPE	DESCRIPTION	LOCATION	GOLD ASSAY		LENGTH
				(ppb)	(oz/ton)	
178579	grab	western shear zone along crystal tuff margin with rusty tuff & quartz stringers, 1% pyrite	L18+50N 18+50E (long shear zone)	32		
178580	grab	western shear zone along crystal tuff with white to reddish quartz veinlets, 1% pyrite	L19+00N 18+50E (long shear zone)	8		
178581	grab	eastern shear zone in a rusty tuff with 1% pyrite	L19+50N 18+50E (long shear zone)	12		
178582	grab	eastern shear zone in a rusty tuff with 1% pyrite	L26+00N 18+75E (long shear zone)	27		
178583	grab	rusty pillowed basalt with quartz stringers & 1-2% pyrite	L35+00N 19+10E	5		
178584	grab	rusty tuff between pillowed basalt with quartz-carbonate veinlets & 3% pyrite	L35+65N 19+10E	81		
178585	grab	golden rusty quartz vein with 1% pyrite	L36+60N 19+30E	74		
178586	grab	western shear zone in rusty tuff 1% pyrite	L37+65N 20+05E (long shear zone)	<5		
178587	grab	eastern shear zone in rusty tuff with quartz veinlets & 1% pyrite	L37+65N 20+06E (long shear zone)	17		
178588	grab	reddish quartz vein in volcanics with 1% pyrite	L36+50N 15+00E	28		
178589	grab	quartz vein in the porphyry	L40+75N 19+10E	<5		
178590	grab	bleached zone with reddish quartz vein (silicified andesite)	L14+50N 12+85E (southern trench)	<5		
178591	grab	sucrosic quartz vein with chlorite schist, 3% pyrite	main showing (northern trench)	608	0.018	
179592	grab	golden to white sucrosic quartz vein, 1% pyrite	main showing	20934	0.609	
178593	grab	sucrosic quartz vein, 1% pyrite	main showing	21393	0.623	
178594	grab	folded quartz vein in chlorite schist, 3% pyrite	main showing	80		
178595	grab	folded sucrosic white quartz vein in chlorite schist, 1% pyrite	main showing	2191	0.064	
178596	grab	sheared quartz vein, 1% pyrite	main showing	2162	0.63	
178597	grab	folded quartz stringers in chlorite schist, 3% pyrite	main showing	265		
178598	grab	rusty quartz vein, 1% pyrite	main showing	1521	0.044	

SAMPLE NUMBER	SAMPLE TYPE	DESCRIPTION	LOCATION	GOLD ASSAY		LENGTH
				(ppb)	(oz/ton)	
178599	grab	quartz vein around the nose of a fold, 1% pyrite	main showing	3306	0.096	
178600	grab	porphyry with quartz veinlets, minor pyrite	L12+00N 12+00E	11		
178601	chip	chlorite schist & quartz vein, 2% pyrite	main showing (northern trench)	730	0.021	1.0
178602	chip	chlorite schist & folded quartz stringers with 2% pyrite, minor chalcopyrite	main showing			
178603	chip	chlorite schist & quartz stringers, 1% pyrite	main showing	3091	0.09	1.5
178604	chip	silicified andesite with chlorite schist & quartz stringers, 2% pyrite	main showing	6477	0.188	2.0
178605	chip	chlorite schist with quartz stringers & 1% pyrite	main showing	22891	0.666	2.0
178606	chip	silicified andesite, chlorite schist, quartz stringers, 2% pyrite	main showing	571	0.017	2.5
178607	chip	chlorite schist, quartz stringers & veins, 1% pyrite	main showing	424	0.012	2.0
178608	chip	chlorite schist with quartz stringers & veins, 2% pyrite	main showing	2064	0.06	2.2
178609	chip	porphyry & schist with quartz stringers, 3% pyrite, minor chalcopyrite	main showing	1563	0.045	1.8
178610	chip	silicified andesite with schist & quartz stringers, 1% pyrite	main showing	374	0.011	2.0
178611	chip	silicified andesite, porphyry & schist with quartz stringers, 1% pyrite	main showing (northern trench)	248		2.0
178612	grab	porphyry & andesite with minor pyrite	L12+40N 12+05E	6		
178613	chip	porphyry & chlorite schist with quartz stringers, 1% pyrite	southern trench	282		2.5
178614	chip	silicified andesite & chlorite schist with quartz stringers, 2% pyrite	southern trench	47		3.5
178615	chip	porphyry, silicified andesite & chlorite schist	southern trench	724	0.021	3.0
178616	chip	porphyry, silicified andesite, chlorite schist, quartz stringers, 1% pyrite	southern trench	167		3.5

SAMPLE NUMBER	SAMPLE TYPE	DESCRIPTION	LOCATION	GOLD ASSAY		LENGTH
				(ppb)	(oz/ton)	
178617	chip	silicified andesite between two chlorite schist zones, 1% pyrite	southern trench	1898	0.055	4.0
178618	chip	silicified andesite between two chlorite schists with quartz stringers, 1% pyrite	southern trench	27		4.0
178619	chip	silicified andesite between two schist zones with quartz stringers, 1% pyrite	southern trench	202		2.5
178620	chip	porphyry & chlorite schist with quartz stringers, 1% pyrite	southern trench	15		1.0
178621	chip	silicified andesite & chlorite schist with quartz stringers, 1% pyrite	southern trench	10		1.0
178622	chip	porphyry & silicified andesite between two schist zones with quartz stringers, <1% pyrite	southern trench	10		4.0
178623	chip	porphyry, silicified andesite & chlorite schist	southern trench	8		3.5
178624	chip	porphyry, silicified andesite between two schist zones with quartz stringers, <1% pyrite	southern trench	6		3.0
178625	chip	porphyry, chlorite schist with quartz stringers & 2% pyrite	southern trench	1377	0.04	2.0
178626	chip	silicified andesite	southern trench	12		2.5
178627	chip	porphyry, silicified andesite & chlorite schist, <1% pyrite	southern trench	7		2.5
178628	chip	silicified andesite & chlorite schist	southern trench	7		2.0

**Report of Work**  
**Mining Act** (Geophysical, Geological and Geochemical Surveys)

Technical Reports and maps in duplicate should be submitted to Mining Lands Section, Mineral Development and Lands Branch:

Type of Survey(s) <b>Geology/VLF-EM Magnetometer</b>	Mining Division <b>Kenora</b>	Township or Area <b>Menary Township (G-3819)</b>
Recorded Holder(s) <b>Ainsley Financial corporation</b>	Prospector's Licence No. <b>T-5054</b>	
Address <b>c/o 1070 Lithium Drive, Unit 1, Thunder Bay, ON P7B 6G3</b>	Telephone No. <b>(807) 623-3770</b>	
Survey Company <b>Ovalbay Geological Services Inc.</b>	Date of Survey (from & to) <b>1 Day, 09, 89 to 29, 09, 89</b>	
Name and Address of Author (of Geo-Technical Report) <b>J. Garry Clark, 1070 Lithium Dr, Unit 1, Thunder Bay, ON P7B 6G3</b>		

Credits Requested per Each Claim in Columns at right

Mining Claims Traversed (List in numerical sequence)

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	20
	- Magnetometer	20
For each additional survey: using the same grid: Enter 20 days (for each)	- Other	
	Geological	40
	Geochemical	
Man Days	Geophysical	Days per Claim
Complete reverse side and enter total(s) here	- Electromagnetic	
	- Magnetometer	
	- Other	
	Geological	
	Geochemical	
Airborne Credits	Geophysical	Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	- Electromagnetic	
	- Magnetometer	
	- Other	
Total miles flown over claim(s)		
Date <b>Dec 15/89</b>	Recorded Holder or Agent (Signature) <i>[Signature]</i>	

Mining Claim		Mining Claim		Mining Claim	
Prefix	Number	Prefix	Number	Prefix	Number
K	1079868	K	1092638	G	M
	1079869		1092639		V
	1079870		1092640		
	1079871		1092641		
	1079872		1120258		
	1079873		1120259		
	1079874		1120260		
	1079875		1120261		
	1079876		1120262		
	1079877		1120263		
	1079878		1120264		
	1079879		1120265		
	1092633		1120266		
	1092634				
	1092635				
	1092636				
	1092637				

Total number of mining claims covered by this report of work. **30**

Certification Verifying Report of Work

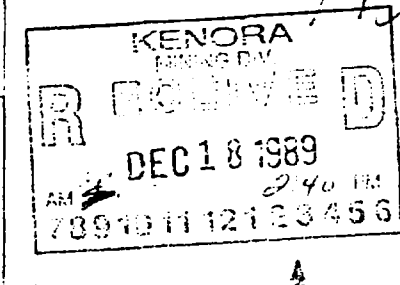
I hereby certify that I have a personal and intimate knowledge of the facts set forth in this Report of Work, having performed the work or witnessed same during and/or after its completion and annexed report is true.

Name and Address of Person Certifying  
**J. Garry Clark, District Geologist, Ovalbay Geological Services Inc., 1070 Lithium Dr, #1**  
**Thunder Bay, ON P7B 6G3**  
 Telephone No. **(807) 623-3770**  
 Date **December 15/89**  
 Certified By (Signature) *[Signature]*

Received Stamp

For Office Use Only

Total Days Cr. Recorded <b>2400</b>	Date Recorded <b>Dec 18/89</b>	Mining Engineer <i>[Signature]</i>
	Date Approved as Recorded	



1079262



Ontario

Ministry of  
Northern Development  
and Mines

Ministère du  
Développement du Nord  
et des Mines

Mining Lands Section  
880 Bay Street, 3rd Floor  
Toronto, Ontario  
M5S 1Z8

Telephone: (416) 965-4888

May 9, 1990

Your File: W8901-286  
Our File: 2.13061

Mining Recorder  
Ministry of Northern Development and Mines  
808 Robertson Street  
P.O. Box 5200  
KENORA, Ontario  
P9N 3X9

Dear Madam/Sir:

Re: Notice of Intent dated April 3, 1990 for Geophysical (Electromagnetic & Magnetometer) and Geological Survey submitted on Mining Claims: K 1079868 et al in Menary Township.

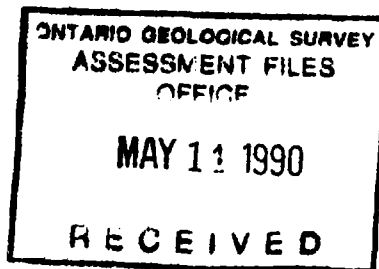
The assessment work credits, as listed with the above-mentioned Notice of Intent have been approved as of the above date.

Please inform the recorded holder of these mining claims and so indicate on your records.

Yours sincerely,

W.R. Cowan  
Provincial Manager, Mining Lands  
Mines & Minerals Division

JOS/dv1  
Enclosure



cc: Mr. G.H. Ferguson  
Mining and Lands Commissioner  
Toronto, Ontario

Resident Geologist  
Kenora, Ontario

Ainsley Financial Corporation  
Thunder Bay, Ontario



Recorded Holder  
**Ainsley Financial Corporation**

Township or Area  
**Menary**

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
<b>Geophysical</b> Electromagnetic <u>17.9</u> days Magnetometer <u>17.65</u> days Radiometric _____ days Induced polarization _____ days Other _____ days  Section 77 (19) See "Mining Claims Assessed" column  Geological _____ days Geochemical _____ days  Man days <input type="checkbox"/> Airborne <input type="checkbox"/> Special provision <input checked="" type="checkbox"/> Ground <input checked="" type="checkbox"/>  <input checked="" type="checkbox"/> Credits have been reduced because of partial coverage of claims. <input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.	K 1079868 to 879 incl. 1092633 to 641 incl. 1120258 to 1120266 incl.

Special credits under section 77 (16) for the following mining claims

[Empty box for special credits]

No credits have been allowed for the following mining claims

not sufficiently covered by the survey                       insufficient technical data filed

[Empty box for no credits allowed]

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.



File  
**2.13061**

Date  
**April 3, 1990**

Mining Recorder's Report of  
Work No.  
**W8901-286**

Recorded Holder  
**Ainsley Financial Corporation**

Township or Area  
**Menary Township**

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
<b>Geophysical</b> Electromagnetic _____ days Magnetometer _____ days Radiometric _____ days Induced polarization _____ days Other _____ days  Section 77 (19) See "Mining Claims Assessed" column Geological <u>40</u> days Geochemical _____ days  <input type="checkbox"/> Man days <input type="checkbox"/> Airborne <input type="checkbox"/> <input checked="" type="checkbox"/> Special provision <input checked="" type="checkbox"/> Ground  <input type="checkbox"/> Credits have been reduced because of partial coverage of claims. <input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.	K 1079868 1079871-72 1079874-879 incl. 1092636 to 641 incl. 1120258 to 261 incl. 1120263 to 266 incl.

Special credits under section 77 (16) for the following mining claims

30 days Geological - K 1079869, 1079873, 1092635, 1120262  
 20 days Geological - K 1079870, 1092633  
 10 days Geological K 1092634

No credits have been allowed for the following mining claims

not sufficiently covered by the survey       insufficient technical data filed

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.

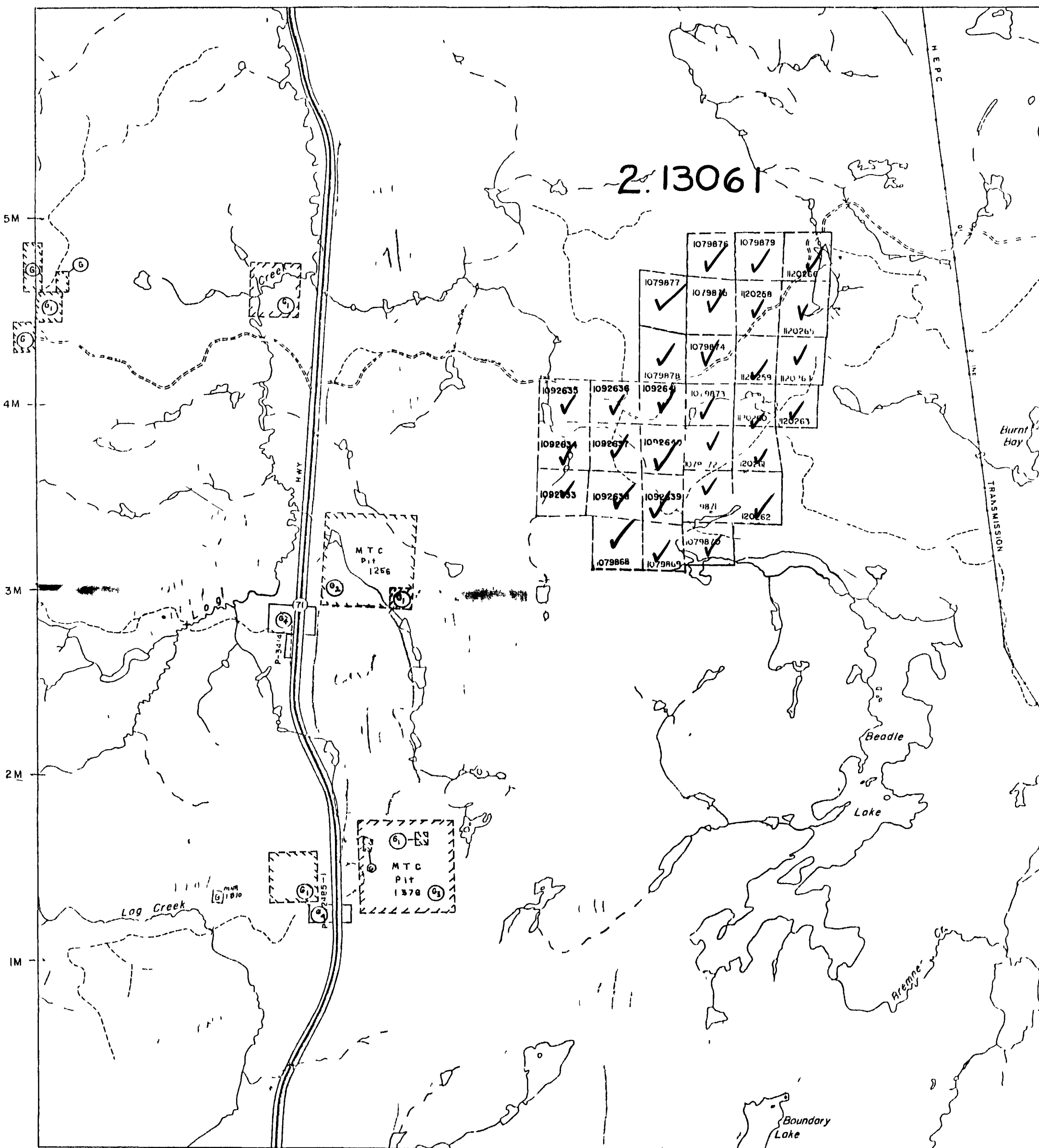


CLAXTON TOWNSHIP

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

Description Order No Date Disposition File

ROWE TOWNSHIP

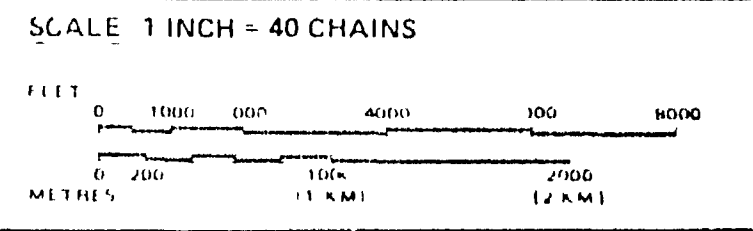


HIGHWAY AND ROUTE No	
OTHER ROADS	
TRAILS	
SURVEYED LINES	
TOWNSHIP'S BASE LINES ETC	
LOTS MINING CLAIMS PARCELS ETC	
UNSURVEYED LINES	
LOT LINES	
PARCEL BOUNDARY	
MINING CLAIMS ETC	
RAILWAY AND RIGHT OF WAY	
UTILITY LINES	
NON PERENNIAL STREAM	
FLOODING OR FLOODING RIGHTS	
SUBDIVISION OR COMPOSITE PLAN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

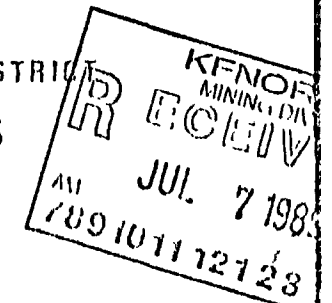
DISPOSITION OF CROWN LANDS

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. J80 SEC. 83 SUBSEC. 1



TOWNSHIP  
**MENARY**  
 MNR ADMINISTRATIVE DISTRICT  
 FORT FRANCES  
 MINING DIVISION  
 KENORA  
 LAND TITLES / REGISTRY DIVISION  
 RAINY RIVER



Ministry of Natural Resources Ontario  
 Ministry of Northern Development and Mines

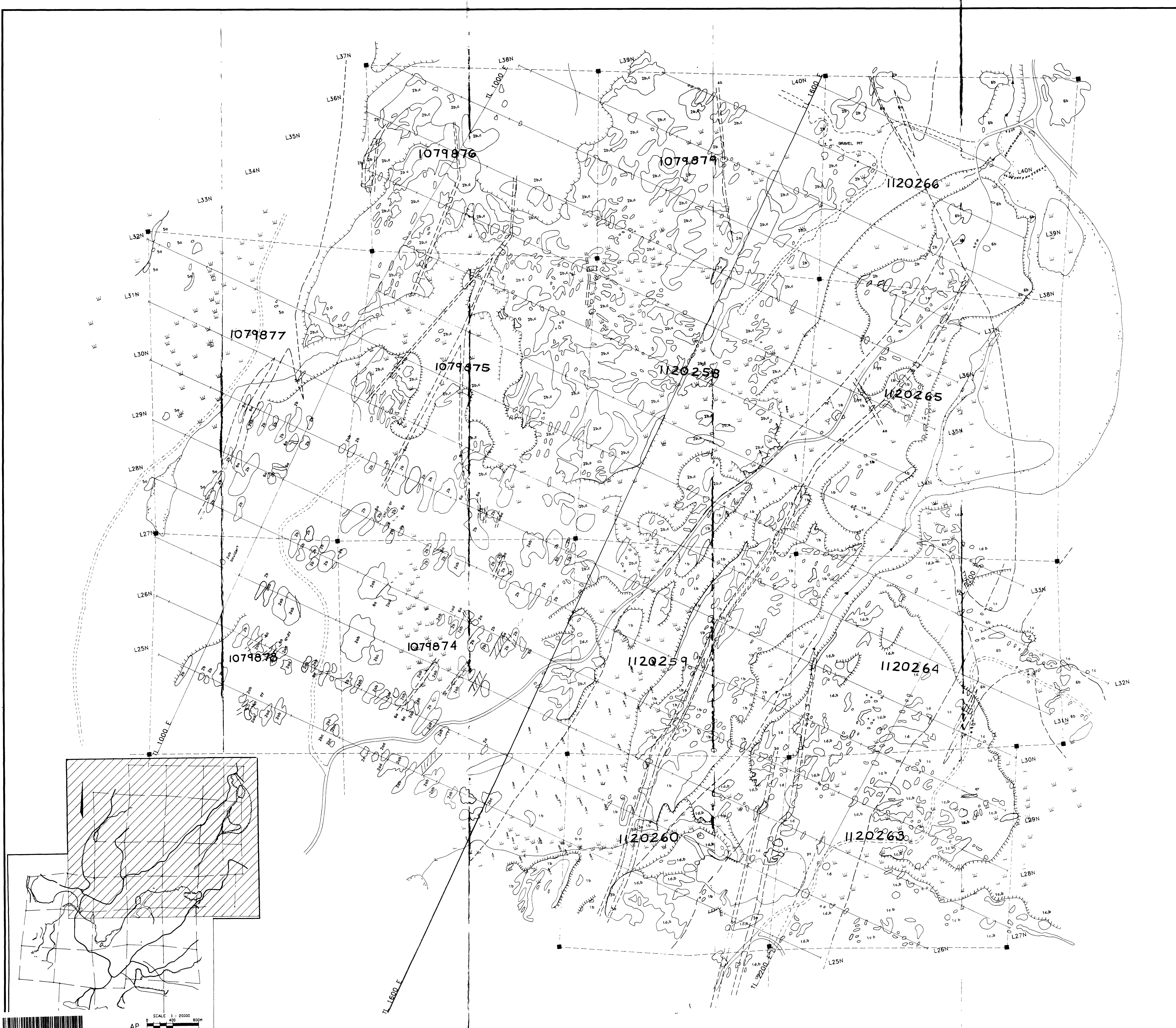
Date: DECEMBER 1986  
 Number: G-3819



52C18NW0032 2 13061 MENARY 200

POTTS TOWNSHIP

*Handwritten note:*  
 Log Creek  
 (with arrows pointing to the creek on the map)



LEGEND

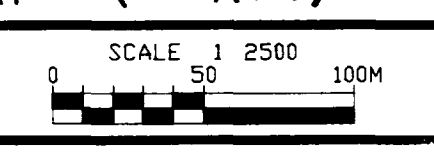
- 1 BASALTIC metavolcanics
    - 1a Basalt Flow
    - 1b Pillow Basalt
    - 1c Porphyritic Basalt
    - 1d Gabbroic Basalt
  - 2 ANDESITIC metavolcanics
    - 2a Andesite Flow
    - 2b Pillow Andesite
    - 2c Variolitic Lava
    - 2d Gabbroic to Diaritic Andesite
  - 3 TUFF, stratified tuff
    - 3a Mafic Tuff, quartz eye
    - 3b Crystal Tuff
  - 4 BASIC intrusive rock
    - 4a Gabbro
    - 4b Lamprophyre
  - 5 GRANITIC plutonic rocks
    - 5a Trondhjemite to Granodiorite
  - 6 ACID intrusive rock
    - 6a Quartz Porphyry and Qtz-Feldspar Porphyry
    - 6b Intrusive Breccia with Qtz-Feldspar Porphyry as Matrix with Basaltic Fragments
  - qv Quartz Veins/Veinlets
  - bi Biotite
  - chl Chlorite
  - py Pyrite
  - sil Silicified
- 
- Bedrock Outcrop
  - Lava Flow, Top (arrow) from pillows shape and packings
  - Direction and angle of plunge
  - Schistosity with dip
  - Direction of bedding with dip
  - Direction of microfault with dip
  - Shear zone
  - Direction of displacement
  - Geological contacts
  - Gravel road
  - Trail
  - Cliff
  - Claim post
  - Cedar swamp
  - Open swamp
  - Creek
  - Lake
  - Beaver lodge
  - Beaver dam
  - Shear zone

2. 13061

GEOCOM CONSULTING SERVICES

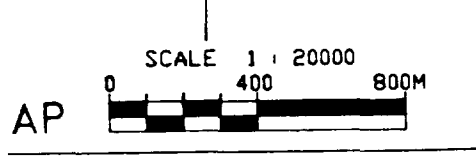
GEOLOGY MAP (NORTH)

Menary Township

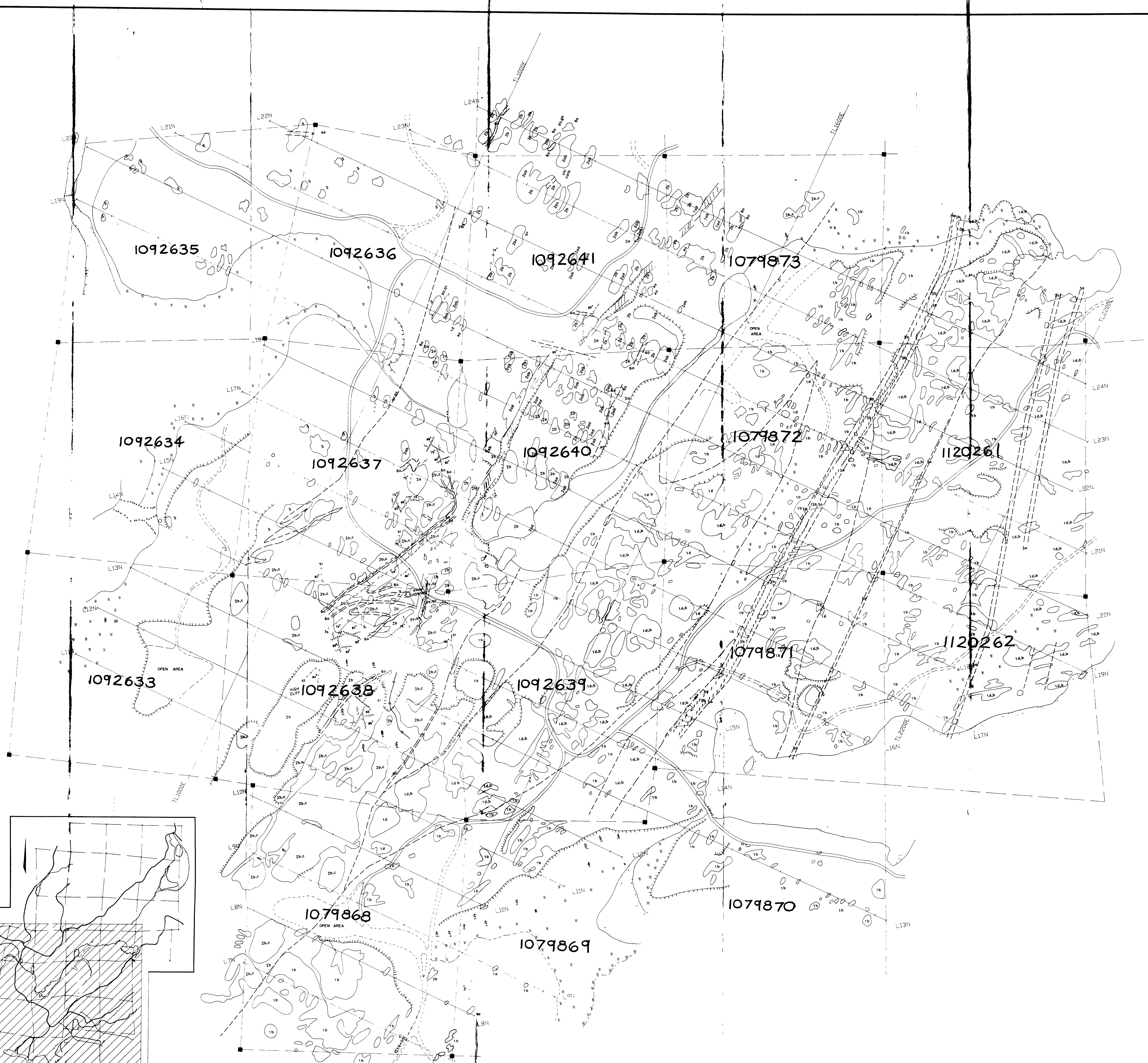


<b>OVALBAY</b>	EXECUTED BY	OVALBAY	DATE	DEC 89
	INTERPRETED BY	OVALBAY	DATE	DEC 89
	APPROVED BY	OVALBAY	DATE	DEC 89
	DRAWN BY	GEOCONTOUR	DATE	DEC 89

CARTE No 1A SNRC







LEGEND

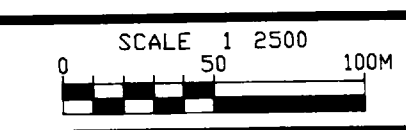
- 1 BASALTIC metavolcanics
    - 1a Basalt Flow
    - 1b Pillow Basalt
    - 1c Porphyritic Basalt
    - 1d Gabbroic Basalt
  - 2 ANDESITIC metavolcanics
    - 2a Andesite Flow
    - 2b Pillow Andesite
    - 2c Variscitic Lava
    - 2d Gabbroic to Dioritic Andesite
  - 3 TUFF, stratified tuff
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    - 6b Intrusive Breccia with Qtz-Feldspar Porphyry as Matrix with Basaltic Fragments
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  - Direction of displacement
  - Geological contacts
  - Gravel road
  - Trail
  - Cliff
  - Claim post
  - Cedar swamp
  - Open swamp
  - Creek
  - Lake
  - Beaver lodge
  - Beaver dam
  - Shear zone

2. 13061

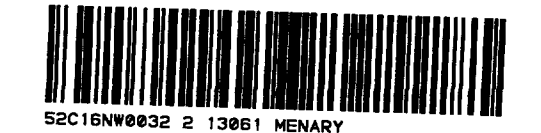
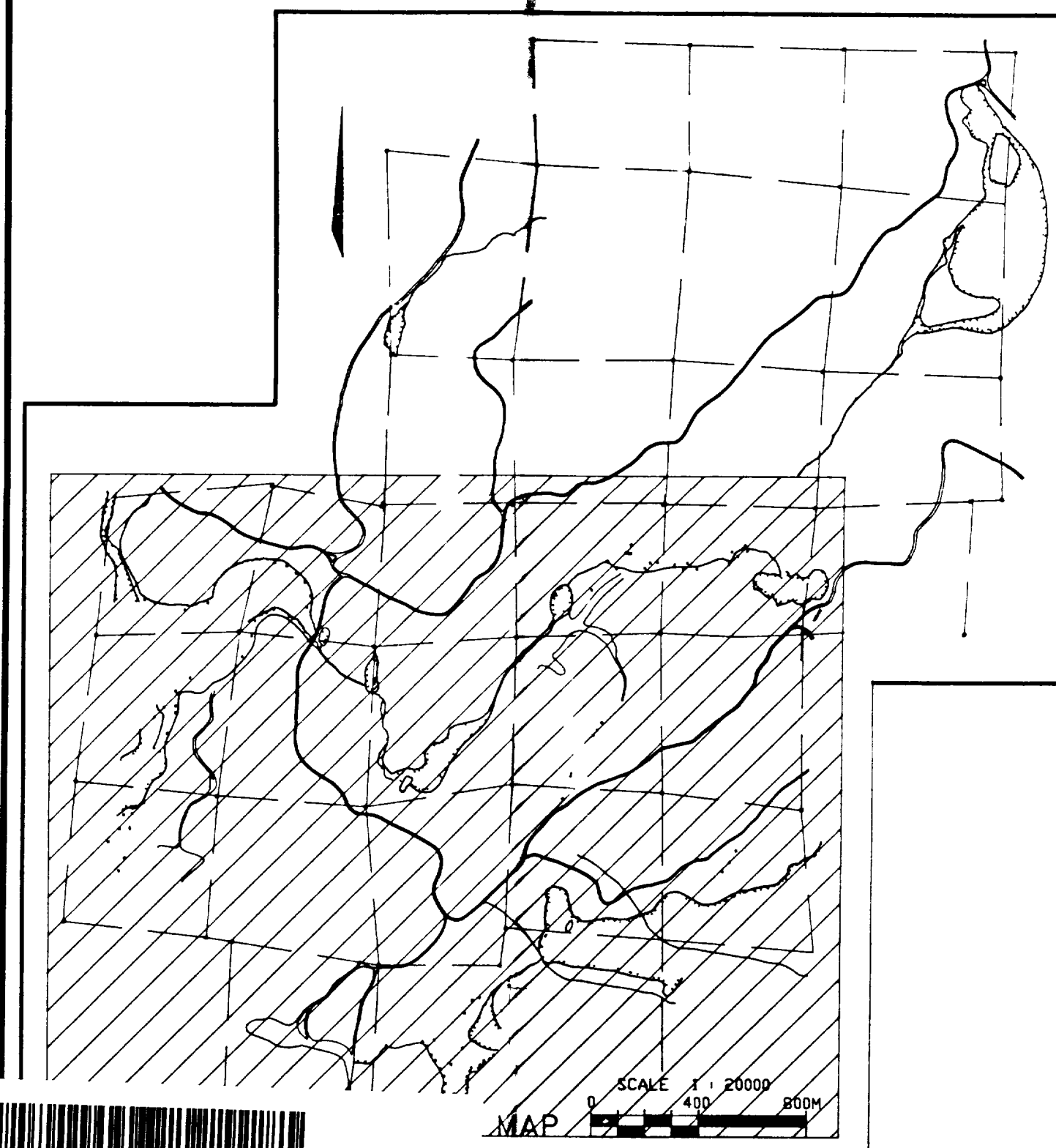
GEOCOM CONSULTING SERVICES

GEOLOGY MAP (SOUTH)

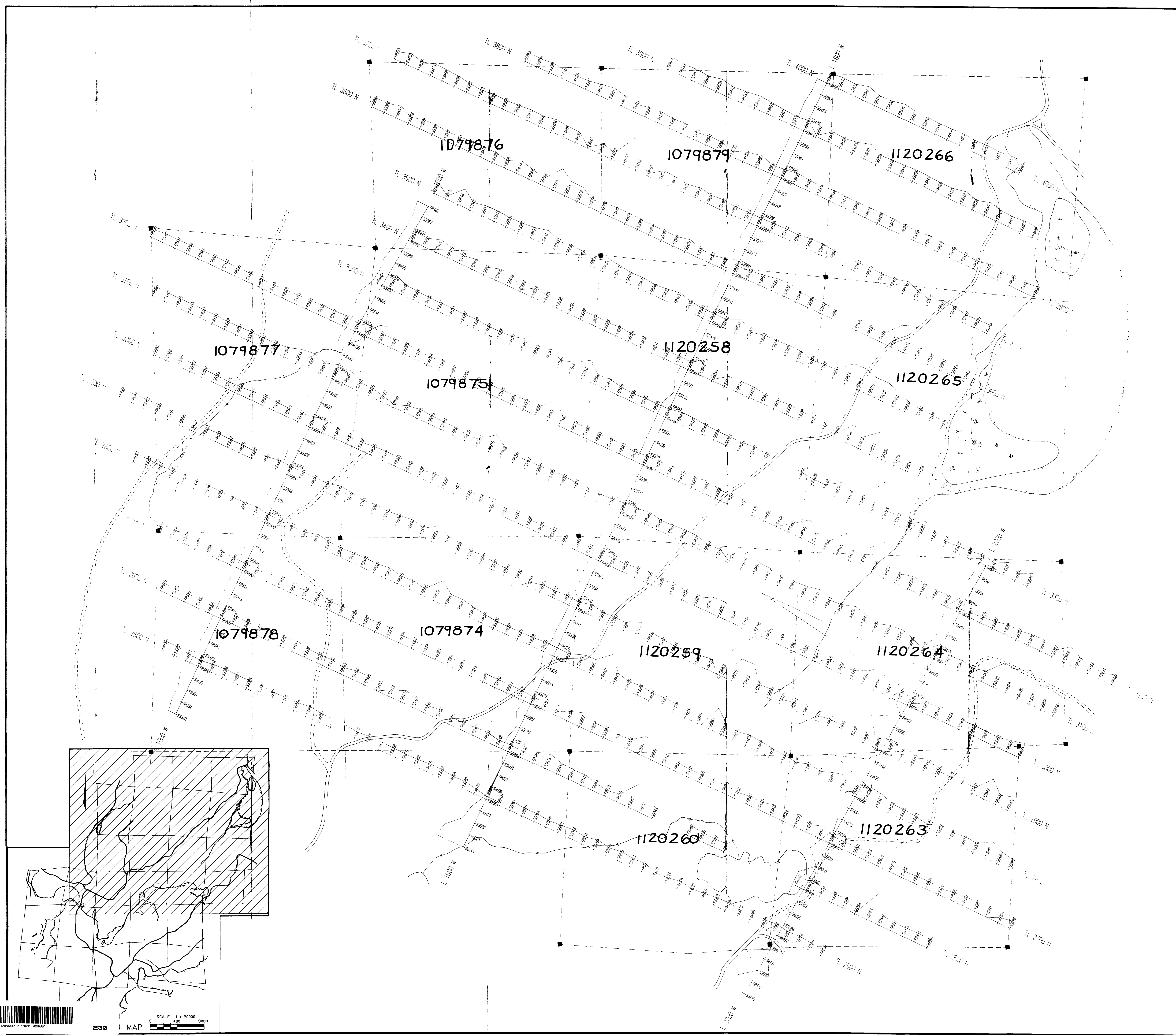
Menary Township



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	INTERPRETED BY	OVALBAY	DATE	DEC 89
	DRAWN BY	OVALBAY	DATE	DEC 89

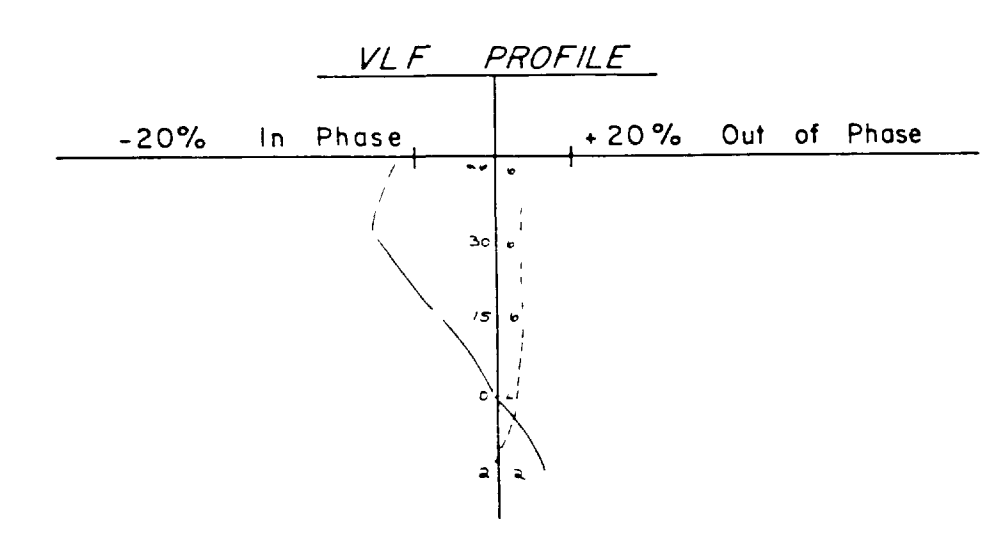






**LEGEND**

- X — VLF anomaly
- ..... Magnetic axis
- Magnetic profiles in gammas
- Magnetic contour in gammas

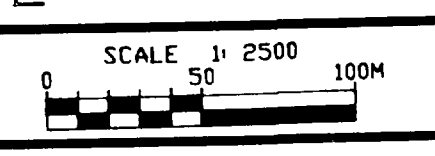


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GEOCOM CONSULTING SERVICES

MAG PROFIL

Menary Township

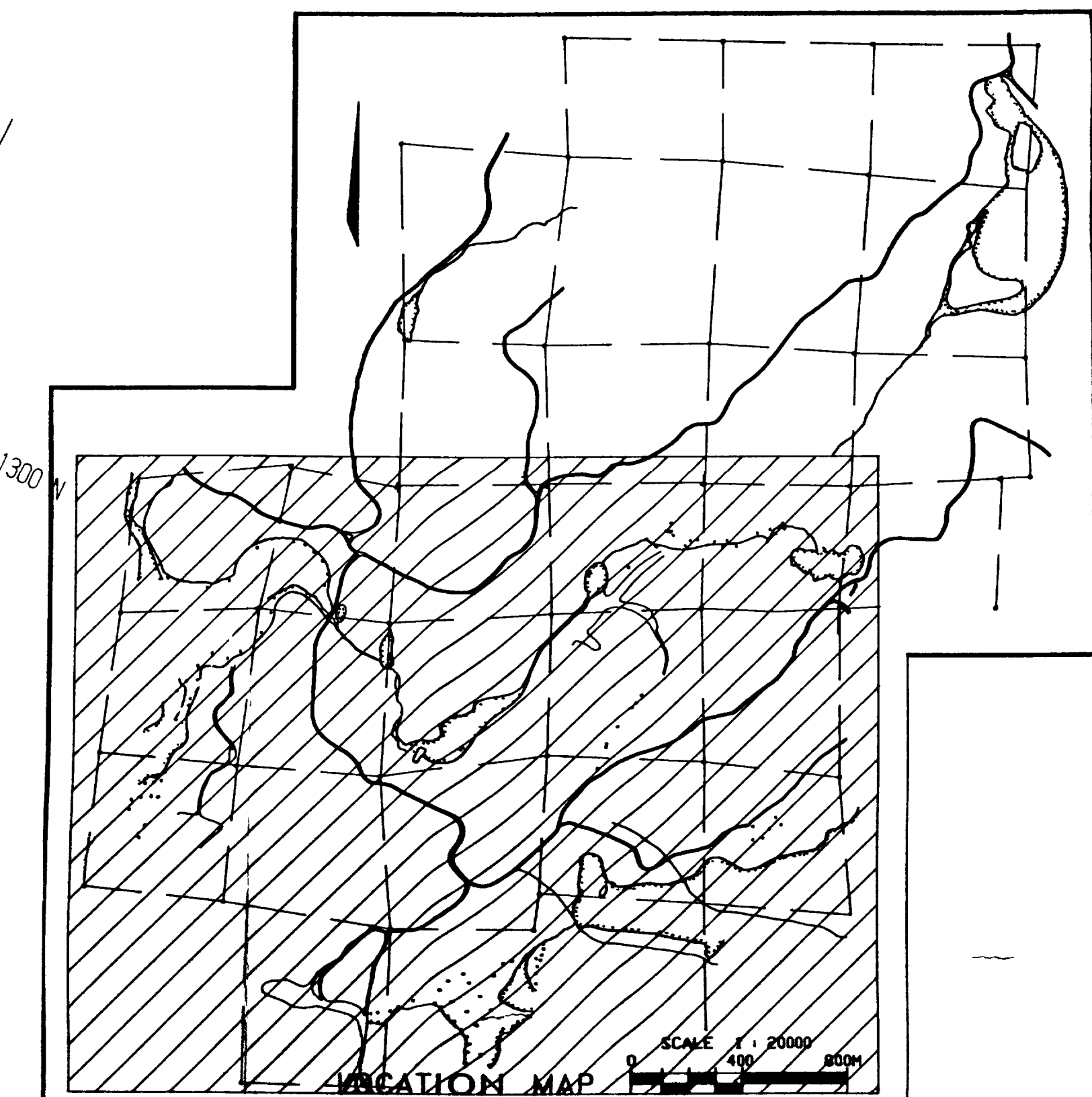
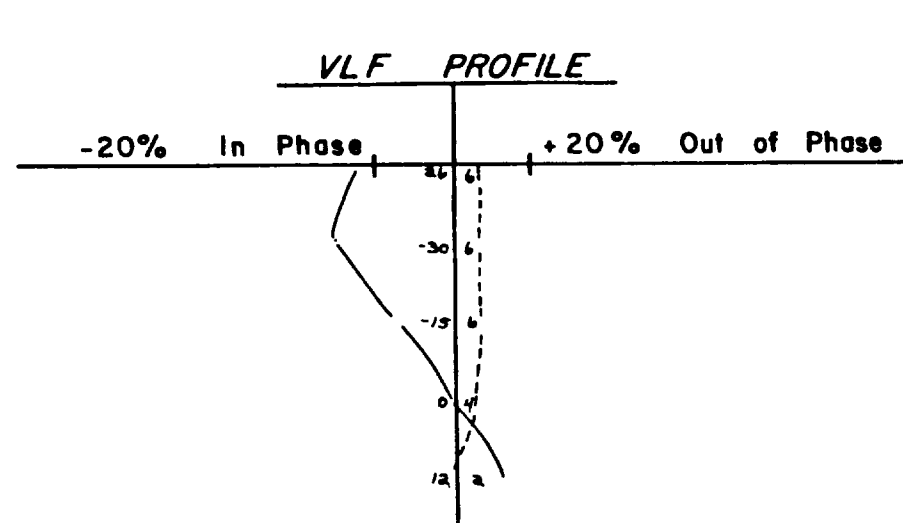
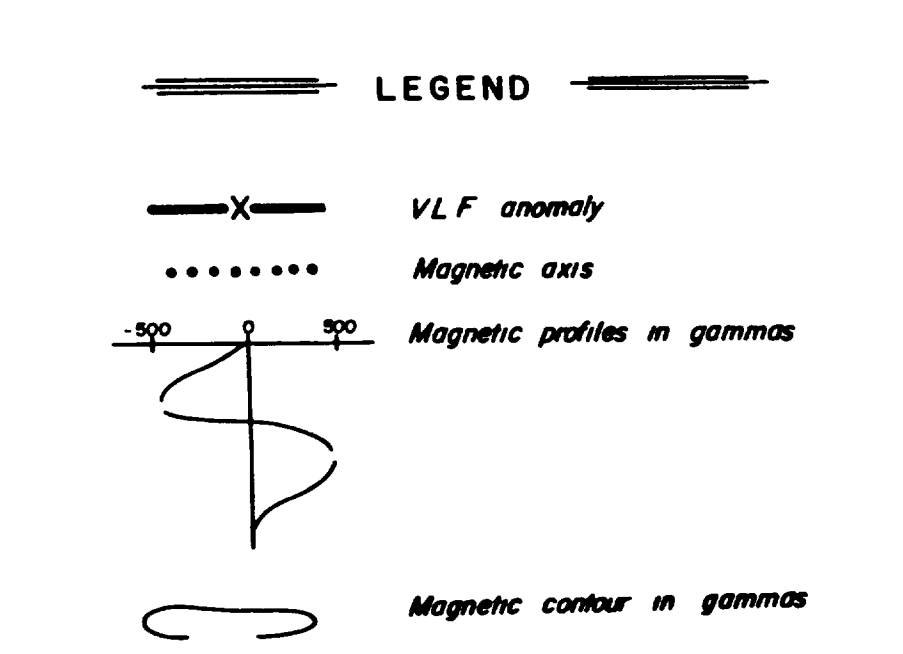
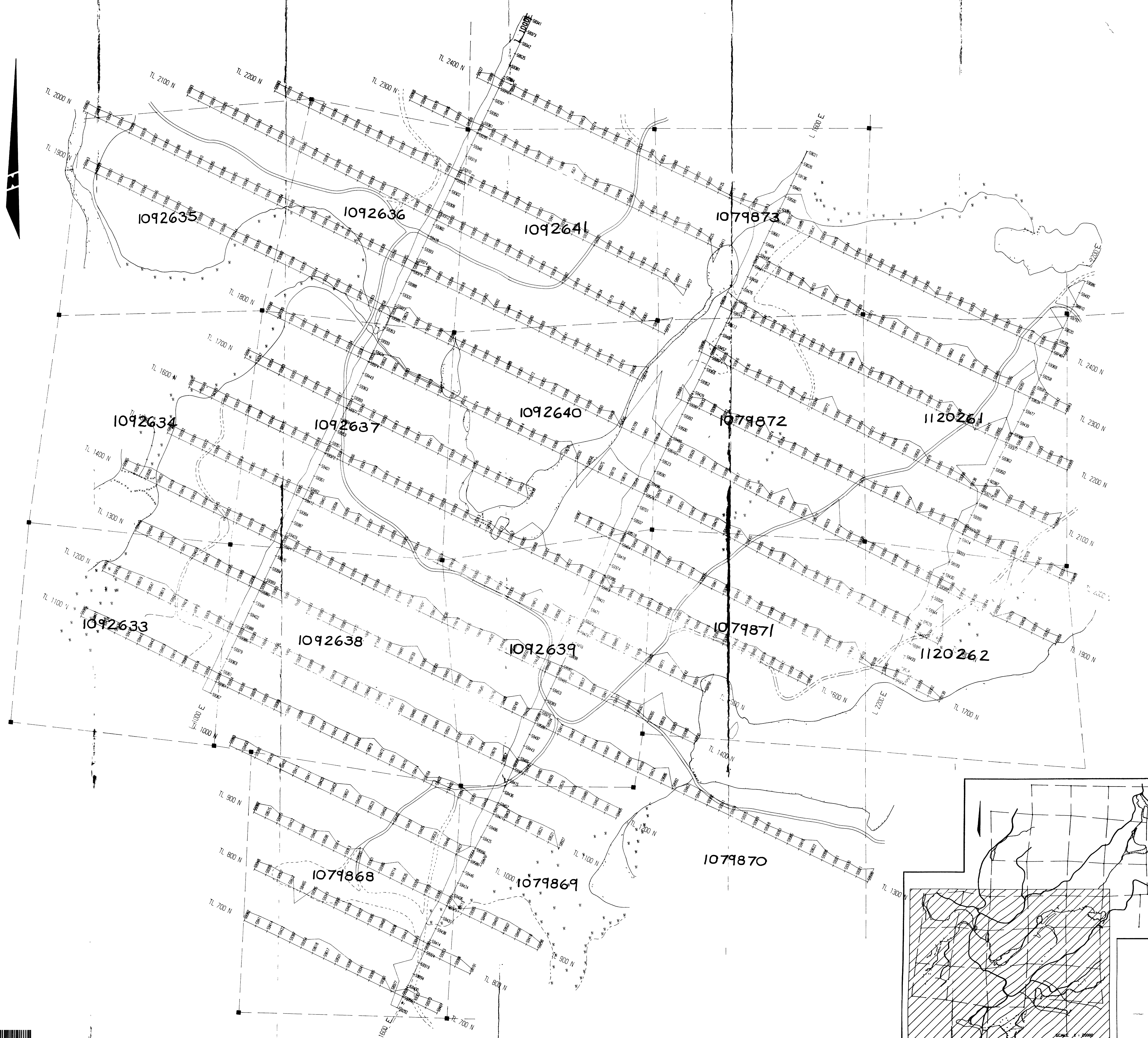


EYECUTED BY	DATE
INTERPRETED BY	DATE
APPROVED BY	DATE
DRAWN BY	DATE

SCALE 1 : 20000

MAP





2.13061

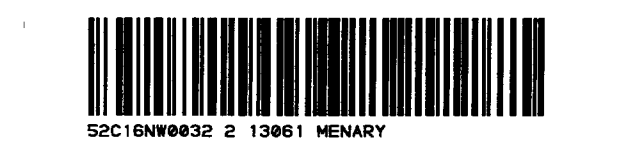
GEOCOM CONSULTING SERVICES

MAG PROFIL South

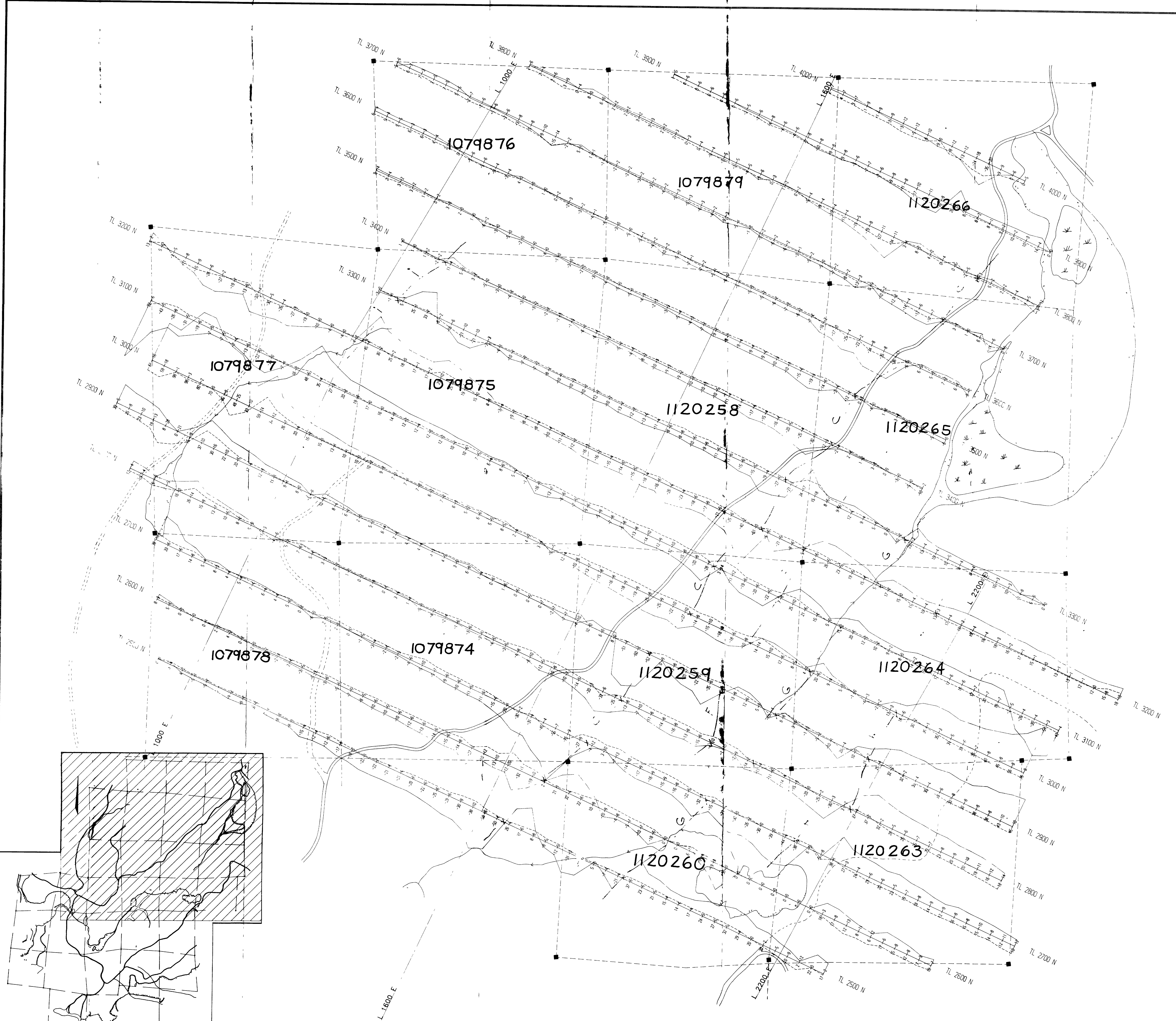
Menary Township SCALE 1:2500  
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EXECUTED BY	DATE
INTERPRETED BY	DATE
APPROVED BY	DATE
DRAWN BY	DATE

CARTE No. M-28

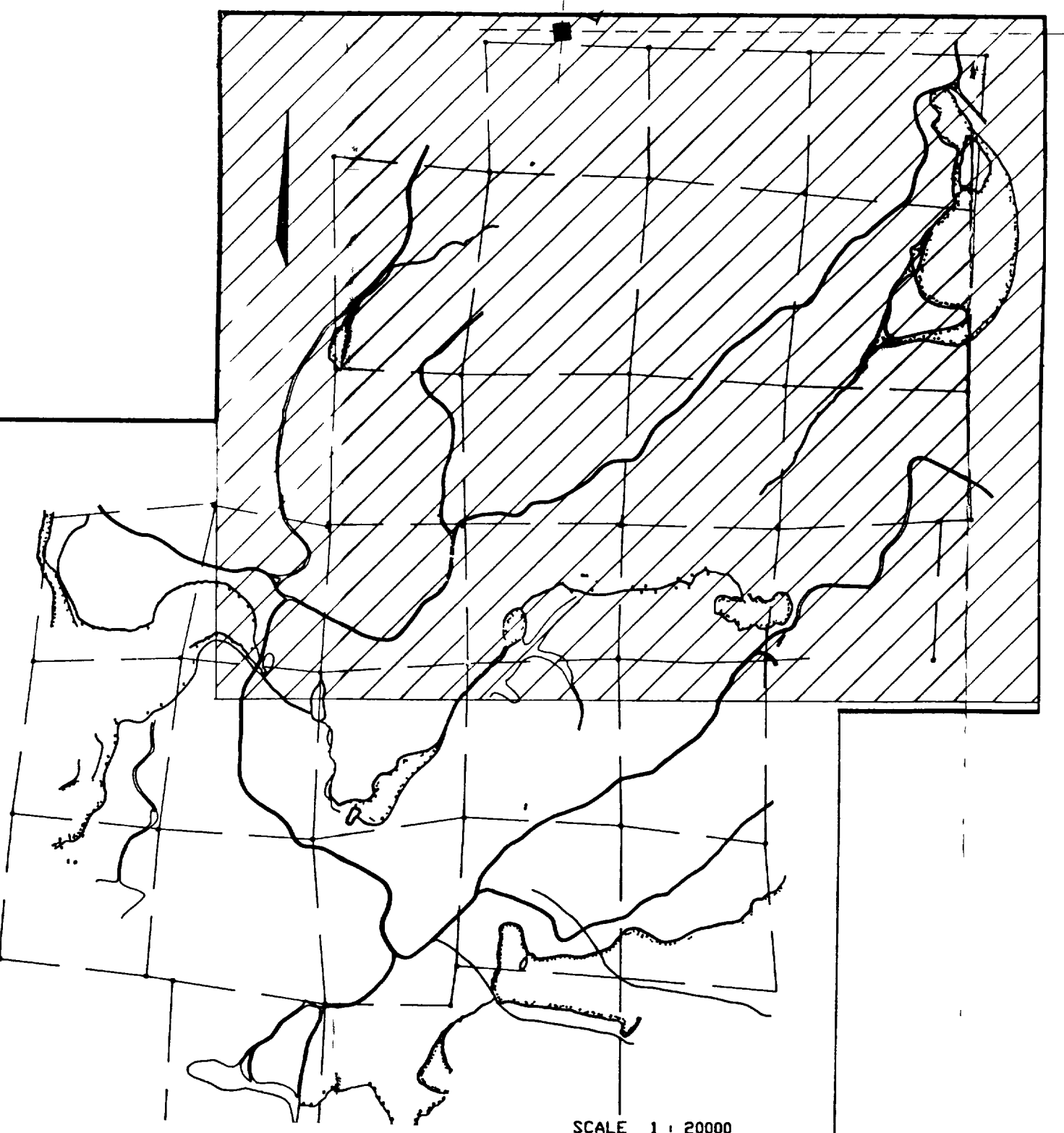
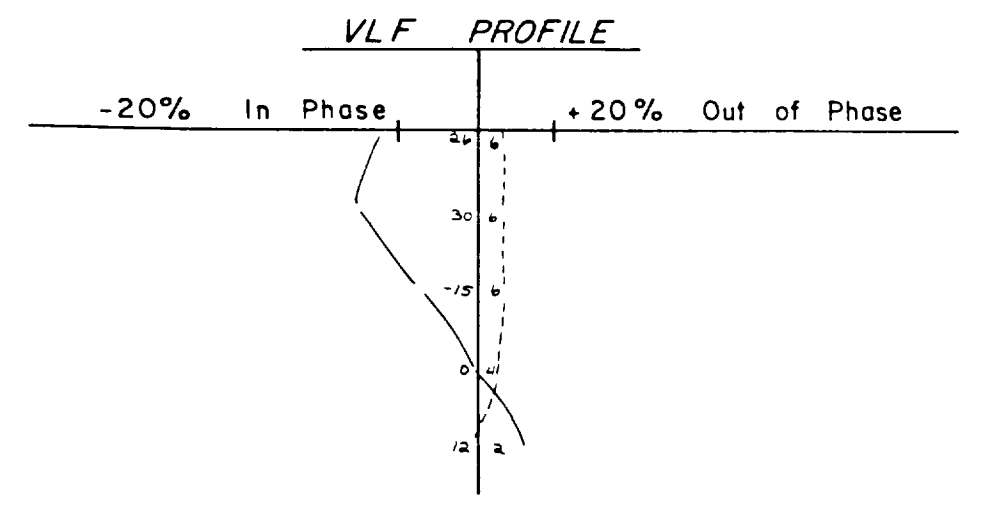






**LEGEND**

- VLF anomaly
- Magnetic axis
- Magnetic profiles in gammas
- Magnetic contour in gammas

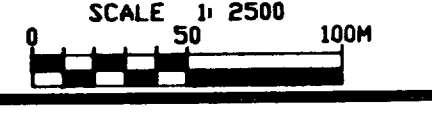


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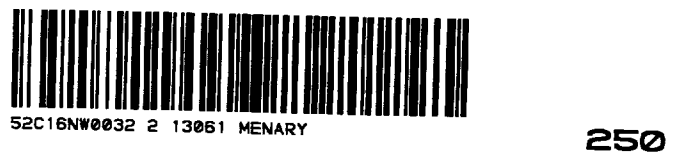
GEOCOM CONSULTING SERVICES

VLF PROFIL (NORTH)

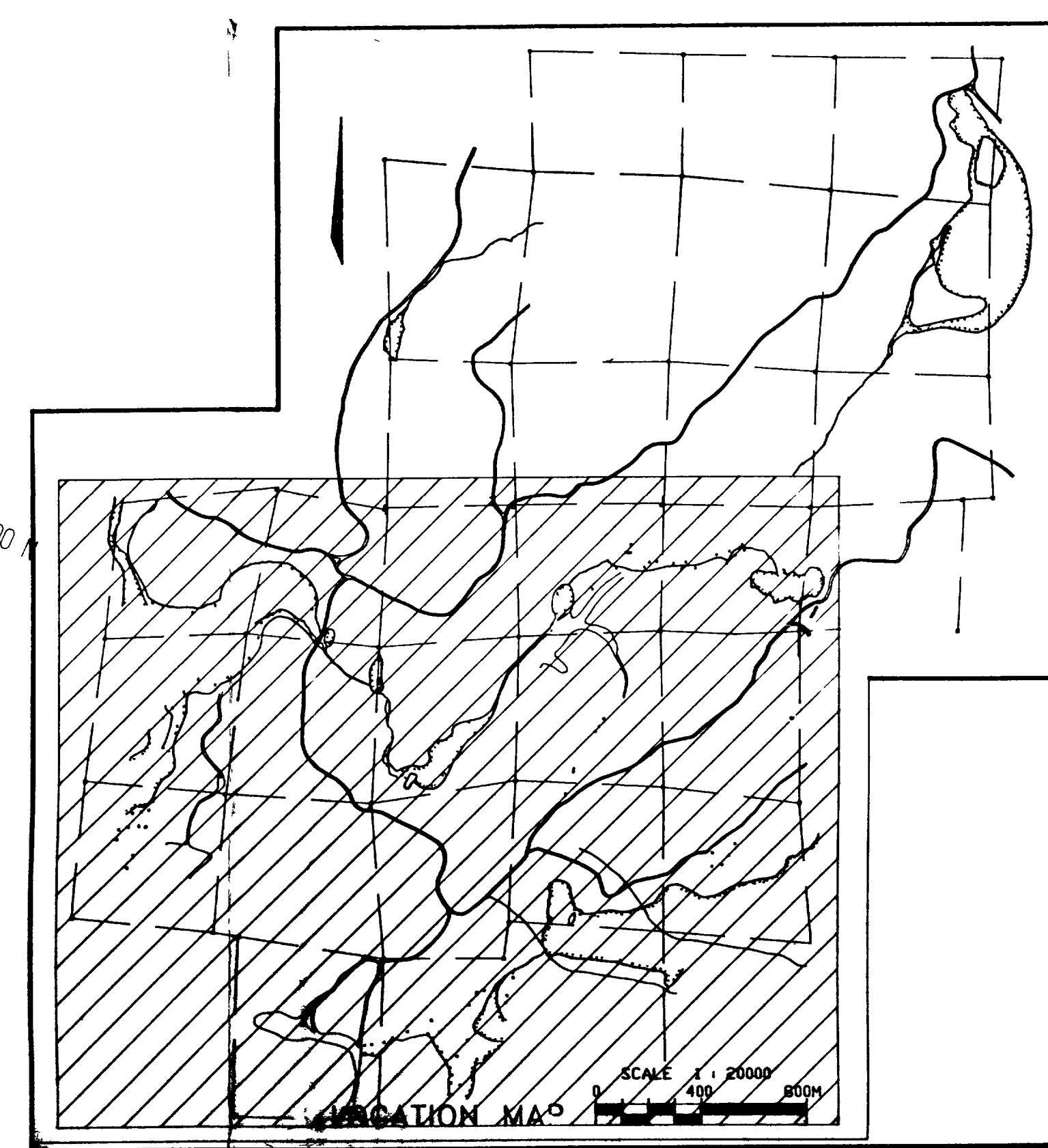
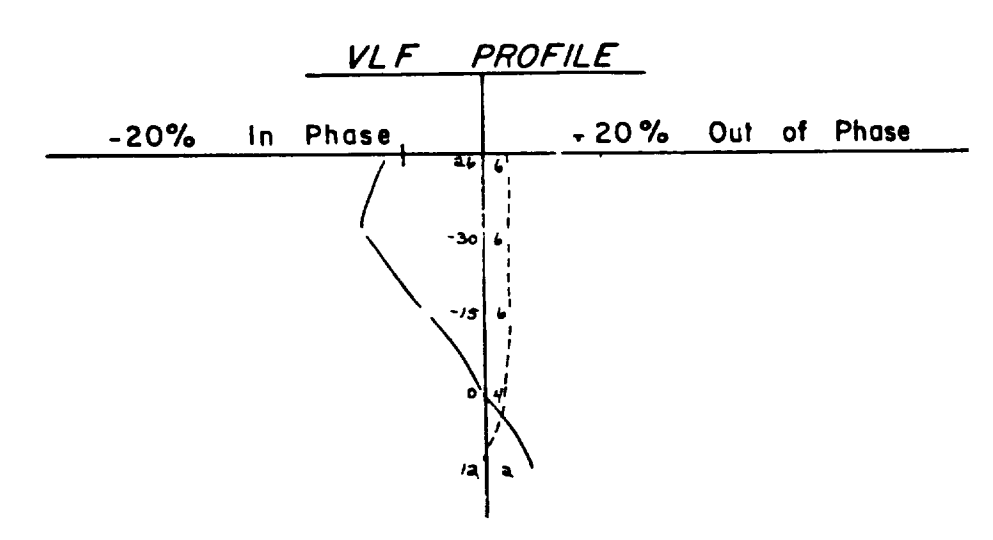
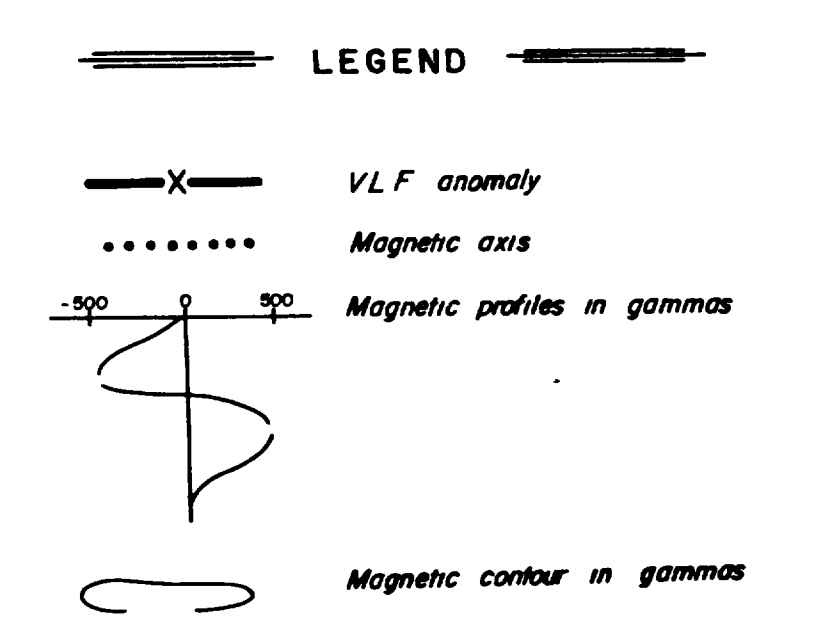
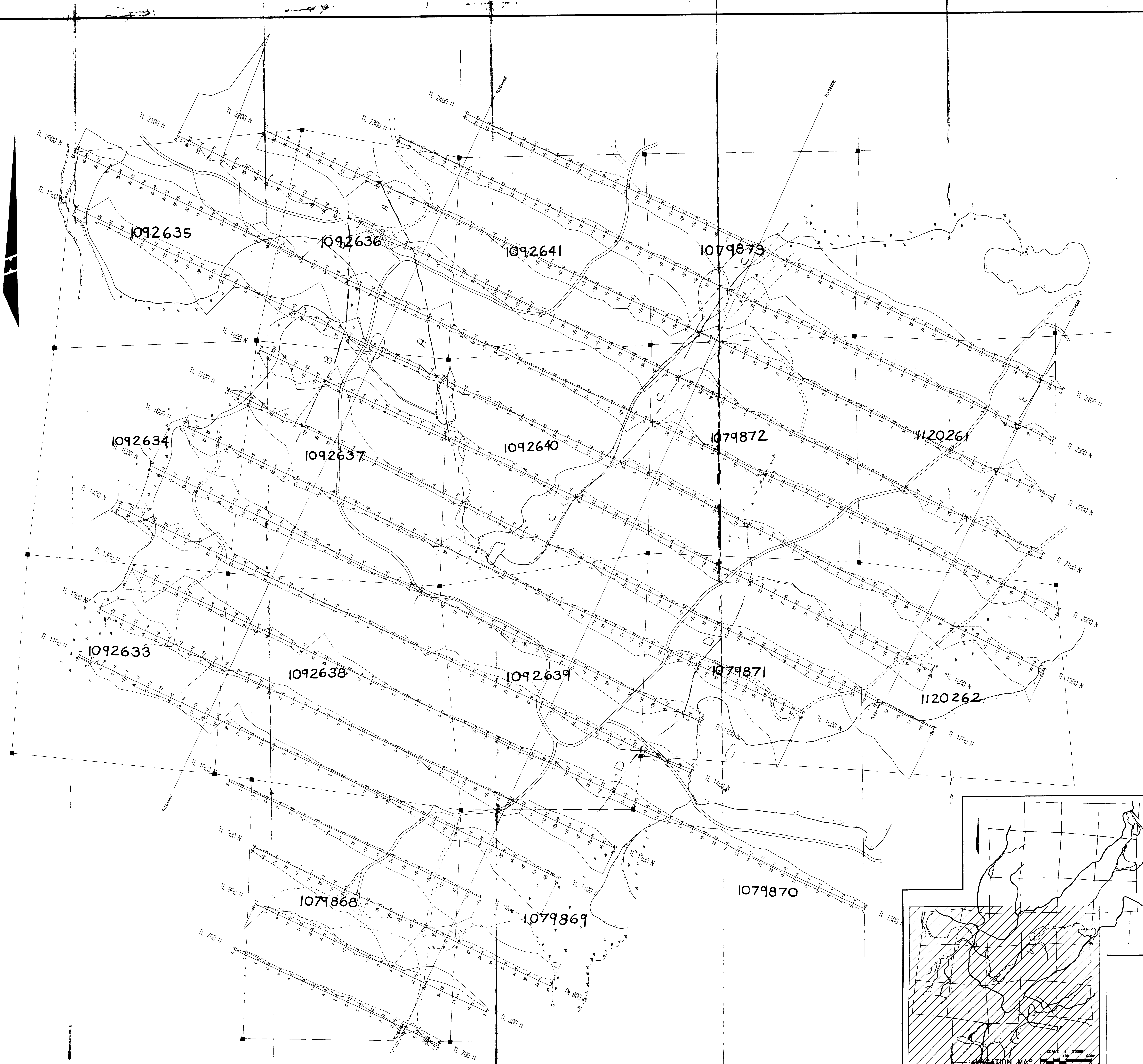
Menary Township



EXECUTED BY	DATE
INTERPRETED BY	DATE
APPROVED BY	DATE
DRAWN BY	DATE







2. 13061

GEOCOM CONSULTING SERVICES	
VLF PROFIL (SOUTH)	
Menary Township	SCALE 1:2500 
EXECUTED BY	DATE
INTERPRETED BY	DATE
APPROVED BY	DATE
DRAWN BY	DATE
CARTE No 3 B	SNRC

