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SUMMARY REPORT  
FOR  
CONSOLIDATED THOMPSON LUNDMARK  
GOLD MINE LIMITED  
- BELL LAKE PROPERTY -

DATE: December 2, 1987

BY: John Walmsley, B.Sc.,  
Project Geologist.

OM87-5C-106



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## INTRODUCTION

In the early summer of 1987, E.H. van Hees Geological Services Inc. was contracted by Consolidated Thompson Lundmark Gold Mines Limited to carry out an exploration program on the Bell Lake Property, located in the east central portion of Tisdale Township, Cochrane District, Ontario.

Grid lines, running north-south, were cut on 200 foot centres and surveys including VLF-EM, Magnetometer (total field), Induced Polarization, Reverse Circulation Drilling, Geological Mapping/Prospecting (including surface stripping), and a diamond drill program were completed.

This report describes the method and results of the program.

LOCATION AND ACCESS

The Bell Lake Property is located within the city limits of Timmins, approximately 6 miles (9.75 km) northeast of the city centre. It is comprised of four (4) contiguous, patented claims in the north half of Concession V, Lot 1, Tisdale Township, Porcupine Mining Division, Cochrane District, Ontario.

The northern boundary of the claim group comes within 300 feet of the south side of Murphy Road. This road is followed east from Highway 655 for approximately 3.75 miles (6 km) to the shore of Bell Lake. A second route can be taken by heading north off Highway 101 on the Broulan Road to the Murphy Road, then by heading west for 2 miles ( 3.2 km) to the same point.

Access from the south is via the Davidson Tisdale Mine road. This road is followed north from the town of South Porcupine to a point 1/4 mile (1/2 km) southwest from the southern boundary of the claim group. (See Figs. 1 & 2)

Figure 1.  
Regional  
Location Map

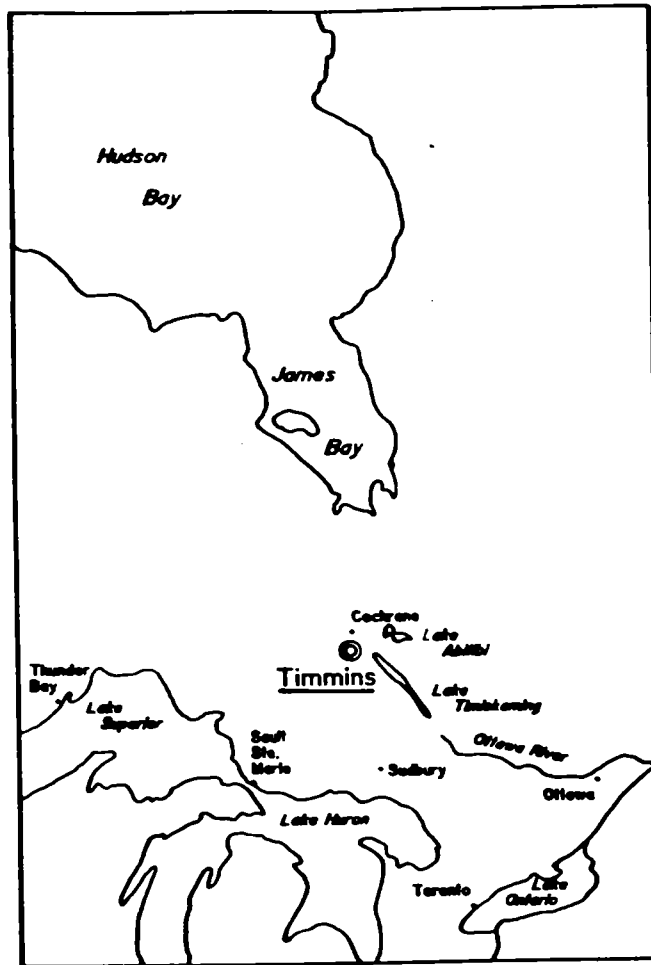
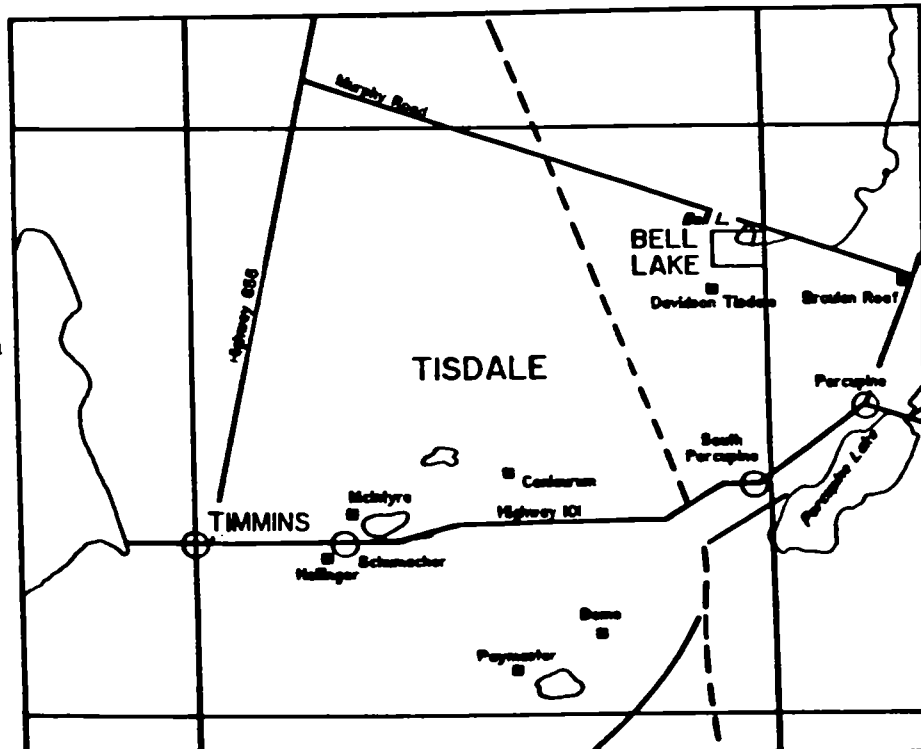


Figure 2.  
Area Location  
Map



### TOPOGRAPHY

Twenty percent of the property is covered by Bell Lake which is located on the northeast claim. Most of the remaining area is of very low relief and is either cedar swamp or spruce/alder swamp which drains to the east. Poplar, birch and jackpine cover the higher portions of land.

Rock generally forms the only high ground and outcroppings are restricted to the northwest, central and southeast portions. About 10% of the property is exposed rock.

### PREVIOUS WORK

Past exploration on the claim group has been restricted to the south central area and consisted of geological mapping/prospecting and diamond drilling. The work was completed by Hollinger Mines, prior to 1949. No record of any work conducted since that time has been found. Three (3) overgrown clearings were found however, north of the baseline on lines 16+00W, 18+00W and 20+00W. If these are clearings from diamond drilling, their age could not be determined.

Considerable work has been carried out to the east, south and west of the property. To the east, the property is owned by Broulan Resources Inc. The Broulan Reef Mine is approximately 3 miles (4.8 km) to the southeast and is stratigraphically on strike with the Bell Lake Property. Currently, the Broulan Reef is being dewatered by Belmoral Mines Limited for further exploration.

To the southeast, about 1/2 mile (3/4 km), is the Davidson Tisdale Mine. Current underground exploration is being carried out by Getty Mines.

Immediately to the south and southeast are the Dobell and Hollinger properties. In the past, three (3) exploration shafts were sunk and extensive stripping was carried out on an auriferous carbonate zone. Diamond drilling on this zone has been as recent as this past summer.

In 1983 and 1984, Newmont completed an extensive surface exploration program in the area which included the properties to the east, south and west. Surveys conducted included soil geochemistry, geological mapping/prospecting, extensive geophysics and diamond drilling.



### GENERAL GEOLOGY

The Porcupine Camp is currently the largest gold producing area in Canada, and many of the camp's most important existing mines are located within Tisdale Township. Producing mines include the Dome, McIntyre, Hollinger and Vedron. Many past producers are also located within Tisdale Township, some of which are currently being re-opened for further exploration.

The rocks of the camp are of Precambrian age (2.6-2.7 billion years) with minor Middle Precambrian intrusions and sediments, (D.R. Pyke, 1982). Stratigraphically, these are divided into the Deloro Group and the Tisdale Group (The Bell Lake Project is located within the Tisdale Group). The Destor-Porcupine Fault which strikes east-north-east through the camp separates the Tisdale Group to the north from the Deloro Group to the south. The Deloro suite of rocks is the older of the two groups (D.R. Pyke, 1982).

S.A. Ferguson, mapped and compiled data from the existing mine information for Tisdale Township in 1968. He describes the Tisdale Group as being 4,000 feet thick comprised of a basal unit of ultramafics and basaltic komatiites; tholeiitic basalts; argillite and greywacke; volcaniclastic dacites; slate, argillite and greywackes. Interflow argillite is also found locally.

Younger rocks included Haileyburian ultramafic intrusions, Keewatin and Algoman porphyries and Matachewan diabase dikes.

See Table 1 for a Table of Formations.

The Destor-Porcupine Fault strikes east-north-east through the southeast corner of the township. It is sinistrally displaced by the Burrows-Benedict Fault which strikes north-west and is approximately 1.5 miles (2 km) west of the property. A third major fault, named the Montreal Fault, strikes southeast from the intersection of the Burrows-Benedict and Destor-Porcupine Faults.

Folding is discerned by D.R. Pyke (1982), as being two phase. Primary overturned folds, with a general north-south axis, were subsequently folded along an east-north-east axis. The most prominent folds include from south to north, the Porcupine Syncline, axis east-west; the Central Tisdale Anticline, axis east-north-east in the eastern section; the North Tisdale Syncline, axis east-south-east; and the North Tisdale Anticline, axis east-west, with all axes plunging east. The Bell Lake Property is situated on the south limb, near the axis of the North Tisdale Syncline.

Figure 3 illustrates the General Geology of the Timmins area.

Table 1 (after S.A. Ferguson, 1968)

Table of Formations

Cenozoic		
Recent		Peat, tailings, sand.
Pleistocene		Sand, gravel, clay.
Unconformity		
Precambrian		
Matachewan or Keweenawan:		Quartz diabase, olivene diabase.
Intrusive Contact		
Algoman:		Granite dikes, albite dikes, quartz-feldspar porphyry.
Intrusive Contact		
Haileyburian:		Serpentinite.
Intrusive Contact		
Timiskaming:		Greywacke, conglomerate, slate and argillite.
Angular Unconformity		
Keewatin:		
Metasedimentary Rocks:		Slate, argillite, and greywacke.
Acid to Intermediate Metavolcanic Rocks:		Tuff and breccia unit of latite breccia, porphyritic latite with over 10% mafic minerals, fine-grained latite, iron formation.
Metasedimentary Rocks:		Argillite, greywacke.
Basic Metavolcanic Rocks:		Massive basalt, pillowed basalt, variolitic basalt, flow top breccia, interflow argillite, and chert.

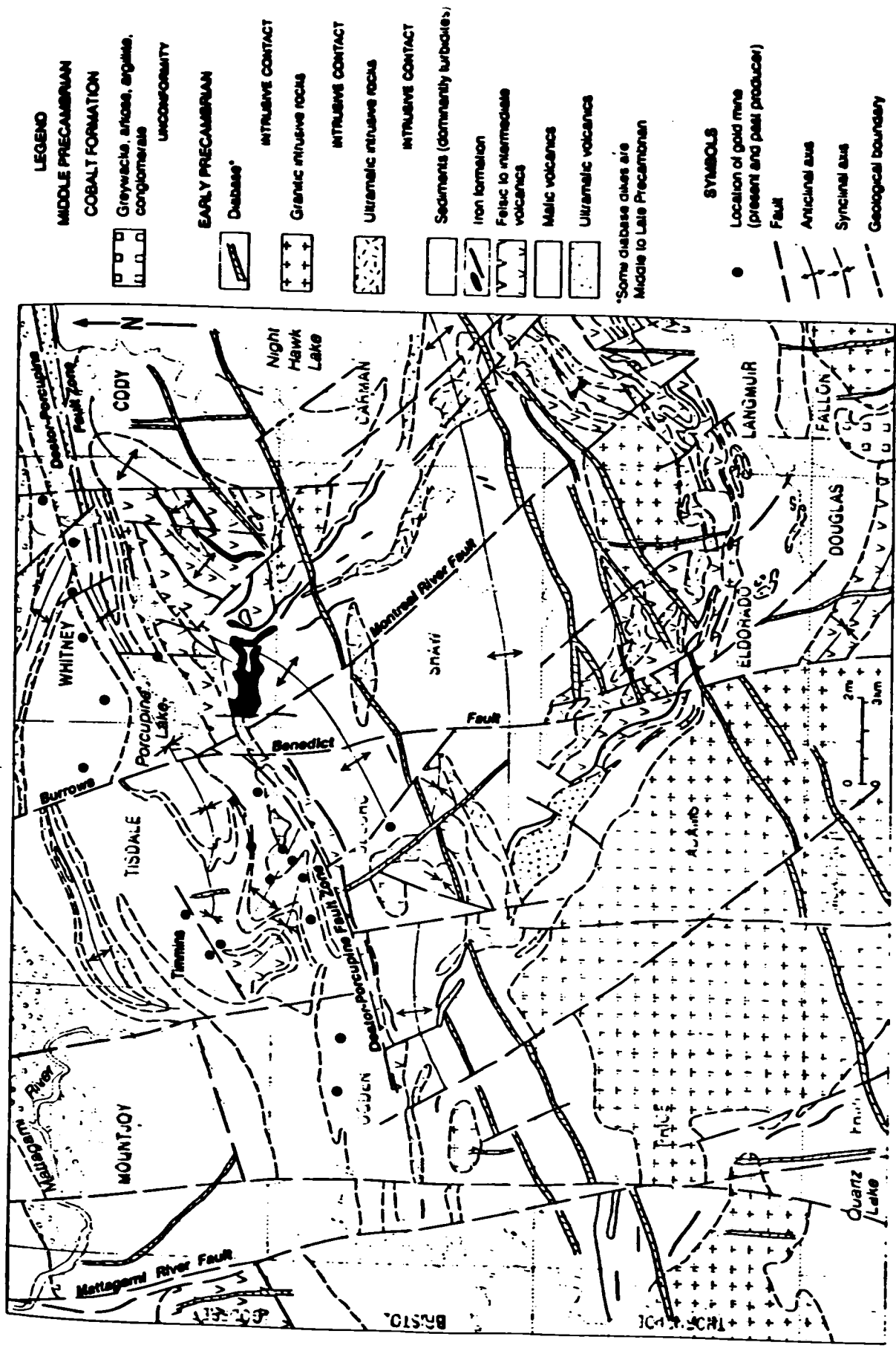


Figure 3. General Geology of the Timmins Area  
(After D.R. Pyke, 1982)

PROPERTY GEOLOGY

Geological mapping/prospecting was carried out on the property at a scale of 1 inch equals 100 feet. A grid, cut with north-south lines on 200 foot centres, was used for control. Mapping along with diamond drilling supplied enough information for a good understanding of the property's stratigraphy, even though outcrop is limited to about 10% of the total area, and is restricted to the northwest corner, south central, and southeast corner of the claim group.

The overall strike of the geological units is about 280 degrees with dips ranging from 70 to 80 degrees north. Tops, as indicated by pillows, are to the south.

Stratigraphically from north to south (i.e. oldest to youngest) the units are 1) pillowed andesite/basalt; 2) massive andesite; 3) variolitic hyaloclastite; 4) massive leucoxene andesite; 5) massive (leucoxene) andesite; 6) pillowed andesite; 7) massive (leucoxene) andesite, topped with a dacitic tuff and flow top plus pillow breccia; 8) massive (leucoxene) andesite topped by a second dacitic tuff; 9) pillowed andesite; and 10) massive andesite.

Units 1, 2, 4, 7, 8 and 9 are exposed on surface. Unit 6, was uncovered on the north side of the stripped area. The remainder of the units are interpreted from drill holes.

The pillowed andesite units are fine grained, often amygdaloidal, rarely variolitic, with pillows ranging in size from pillow breccia, of less than 1 inch, to three feet. Unit 1 differs from the other pillowed units in that it is slightly more chlorite rich and less siliceous.

The massive andesite units are fine to medium grained, grey-green in colour and moderately siliceous. Leucoxene (a titaniferous oxide alteration of ilmenite) grades in and out throughout the units, with concentrations generally averaging about 5%. As no sharp contacts between leucoxene rich and leucoxene deficient sections were observed, it is not known whether the leucoxene delineates individual flows.

The leucoxene of Unit 4 is homogeneous enough to delineate a distinctive flow. This unit strikes across the middle of the property and is medium to coarse grained where exposed and contains 10% to 15% leucoxene.

The variolitic hyaloclastite unit has descriptively been termed "Spherulitic Chicken Feed Lava" in mine literature. It is comprised of localized and often coalesced varioles and spherules, brecciated hyaloclastite with some more massive sections. Chlorite alteration is generally moderate to strong and the rock fairly soft. This unit has been used as a marker for auriferous mineralization on the Broulan Property and the Kinch prospect (northwest of the

Bell Lake Property).

### Structural Geology

Structurally, the units are part of the north limb of the Central Tisdale Anticline. Ferguson (1968) interprets the axis of the North Tisdale Syncline as striking through the centre of the leucoxene andesite flow (Unit 4). However, pillowed flow tops and dips observed in outcrop in the northwest corner would more likely put the axis north of the property.

A sinistral fault (possibly an extension of the Reef Fault in Whitney Township) is believed to strike northwest across the south central section of the property. This fault was observed in holes CTL-87-01 and CTL-87-06 as a south dipping thrust fault. In hole CTL-87-06, the fault is strongly graphitic and weakly conductive. A series of isolated VLF-EM fraser filter highs on station NSS most likely trace out the length of this fault.

The fault is not exposed on surface but moderately strong shearing of the south tuff unit places it in this vicinity.

Other minor faults and/or shear zones were observed in drill core and are most likely related to folding.

Quartz and quartz/carbonate veining is most abundant in the south-central area. These veins generally strike west-north-west and dip 15 to 30 degrees south. The quartz is coarse grained, translucent and has minor associated, coarse grained, subhedral, disseminated pyrite.

A grab sample of a 2 to 6 inch wide quartz vein from a trench on line 16+00W at 5+00S returned a value of 0.07 opt. gold. This is on section with a quartz vein sampled in hole CTL-87-01. This sample returned an average value of 0.14 opt. gold over 0.9 feet.

Other north-south striking quartz/carbonate stringers with steep easterly dips were sampled but returned no significant values.

### Alteration

The rocks on the property have undergone low grade greenschist facies metamorphism, typical of Archean Greenstone terrains.

Hydrothermal alteration exists predominantly as carbonate alteration, most likely calcite and ankerite. Two zones of strong, pervasive, brown carbonate alteration, coincident with the flat lying quartz veins, were found in the south central portion of the property. On surface, these zones are strongest, but not restricted to the two tuff



units previously mentioned. In drill section, the zones are steeply south dipping, (opposite to the geology). Fine to coarse grained disseminated pyrite is associated with the carbonate.

See Table 2 for an Account of Mineralization observed on the property, and Appendix B for a Description of Grab Samples.

Table 2. Table of Sulphide Mineralization

Mineral (in decreasing order of abundance)	Description
1. Pyrite	<ul style="list-style-type: none"><li>- most common sulphide mineral, predominantly associated with quartz veining and carbonate alteration</li><li>- fine grained to coarse grained, also as massive patches and stringers</li></ul>
2. Pyrrhotite	<ul style="list-style-type: none"><li>- predominantly localized in the northwest corner of the property associated with the mag. high, minor in the south central area</li><li>- as disseminated blebs and massive patches</li></ul>
3. Chalcopyrite	<ul style="list-style-type: none"><li>- predominantly localized in the south central area of the property, associated with and found entirely in quartz veins</li><li>- possibly a vague correlation with low anomalous gold values</li></ul>
4. Sphalerite	<ul style="list-style-type: none"><li>- one patch observed in drill core in hole CTL-87-01</li><li>- dark red-brown in colour</li></ul>
5. Specular Hematite	<ul style="list-style-type: none"><li>- one patch observed in hole CTL-87-04</li></ul>

GEOPHYSICAL SURVEYS - METHODS

Magnetometer

A total field magnetics survey was carried out on the grid with readings taken every 50 feet. A Geometrics Proton Precision Magnetometer was used. A base station on line 12+00W at 0+00N was established and tied into throughout the survey.

A base value of 58,000 gammas was removed from all readings, and the corrected values plotted and contoured at 100 gamma intervals. Readings averaged between 58,800 gammas and 58,900 gammas with anything below 58,700 gammas and anything above 59,000 gammas considered anomalous.

VLF-EM

A VLF-EM survey was carried out on the grid with readings taken every 50 feet using a Geonics VLF-EM 16. Transmitting stations selected were NAA (Cutler, Maine, frequency 17.8 hz) and NSS (Annapolis, Maryland, frequency 21.4 hz). The survey was originally done in July but because of inconsistent facing directions of the operators, a second survey was completed in October. The facing direction was north.

Profiles of in-phase and quadrature were plotted for both stations. The in-phase data was also subjected to a low pass filter (Fraser Filter) and the results for both stations plotted and contoured. Values of plus 10 and greater are considered anomalous.

### Induced Polarization

The IP Survey was contracted out to Remy Belanger Engineering. A Phoenix dipole/dipole system was used with electrode "A" spacing of 100 feet, and frequencies of 0.25 and 4.0 hz. Lines were run every 400 feet with fill in lines run where dictated. Results were plotted on pseudo-sections by the contractor.

To facilitate interpretation values were plotted and contoured on property base maps at the N=3 level (approximately the 100 foot level) for apparent resistivity and apparent frequency effect.

## Interpretation

The following is a description of anomalies identified on the accompanying geophysical compilation map.

1) Anomaly A strikes northwest across the middle of the property from line 0+00W to line 16+00W. There is a very good correlation between both VLF stations and the IP metal factor indicating a fairly strong, continuous conductor. The strike of the conductor is concordant to the stratigraphy and though dips from IP pseudo-sections are not conclusive, a north dip is indicated. As described earlier (see General Geology), interflow argillites are fairly common within the Tisdale Group and are often graphitic and such a unit is believed to be causing the anomaly.

2) Anomaly A' is believed to be a continuation of Conductor A even though the VLF-EM profile signatures are quite different and the metal factor is much stronger. The break in the VLF-EM anomaly on line 18+00W, could possibly be caused by a northeast striking fault whose attitude could mask it from the transmitting stations used. IP did not cover this line. As can be seen from the compilation, a weak magnetic high also extends down from the north to cover this area.

The sharp bend in the VLF-EM Fraser Filter high on station NAA at the baseline on line 14+00W could represent a "shadow" of a northeast striking conductor.

A graphitic fault intersected in hole CTL-87-04, is in the approximate area of the break.

3) Conductor B also has good correlation between different geophysical surveys, and involves a weak resistivity high. Drill hole CTL-87-05 was drilled north from 6+00N on line 20+00W and covers this anomaly. The resistivity appears to line up with the Spherulitic Chicken Feed Lava (SCFL). Associated with the contacts of the SCFL are up to 5% disseminated sulphides (pyrite plus pyrrhotite). This could explain the VLF-EM, metal factor and weak magnetic anomalies.

4) Conductor C was also tested by drill hole CTL-87-05. The metal factor anomaly is explained by 5% to 15% sulphide mineralization. Pyrrhotite makes up close to half of the sulphides thus explaining the magnetic anomaly. This magnetic anomaly strikes southeast to Bell Lake and appears to continue to the East boundary of the property.

5) Anomalies D and E are resistivity highs. Diamond drilling on lines 16+00W and 12+00W along with surface data,

indicates that these are caused by steeply south dipping strong carbonate alteration zones along with shallow, south dipping quartz veins.

6) Anomaly F involves a magnetic high, VLF anomalies on both transmitting stations, and a weak resistivity high. The outcrop to the south does not provide any clues as to the cause of this anomaly. It is possible that the VLF-EM and weak, shallow metal factor anomalies are caused by overburden (clay on bedrock), but the magnetic anomaly tends to indicate possible pyrrhotite mineralization.

7) Other Anomalies

As already mentioned (see Structural Geology), a series of isolated, weak Fraser Filter anomalies possibly traces out a locally graphitic fault, striking northwest across the southeast part of the property.

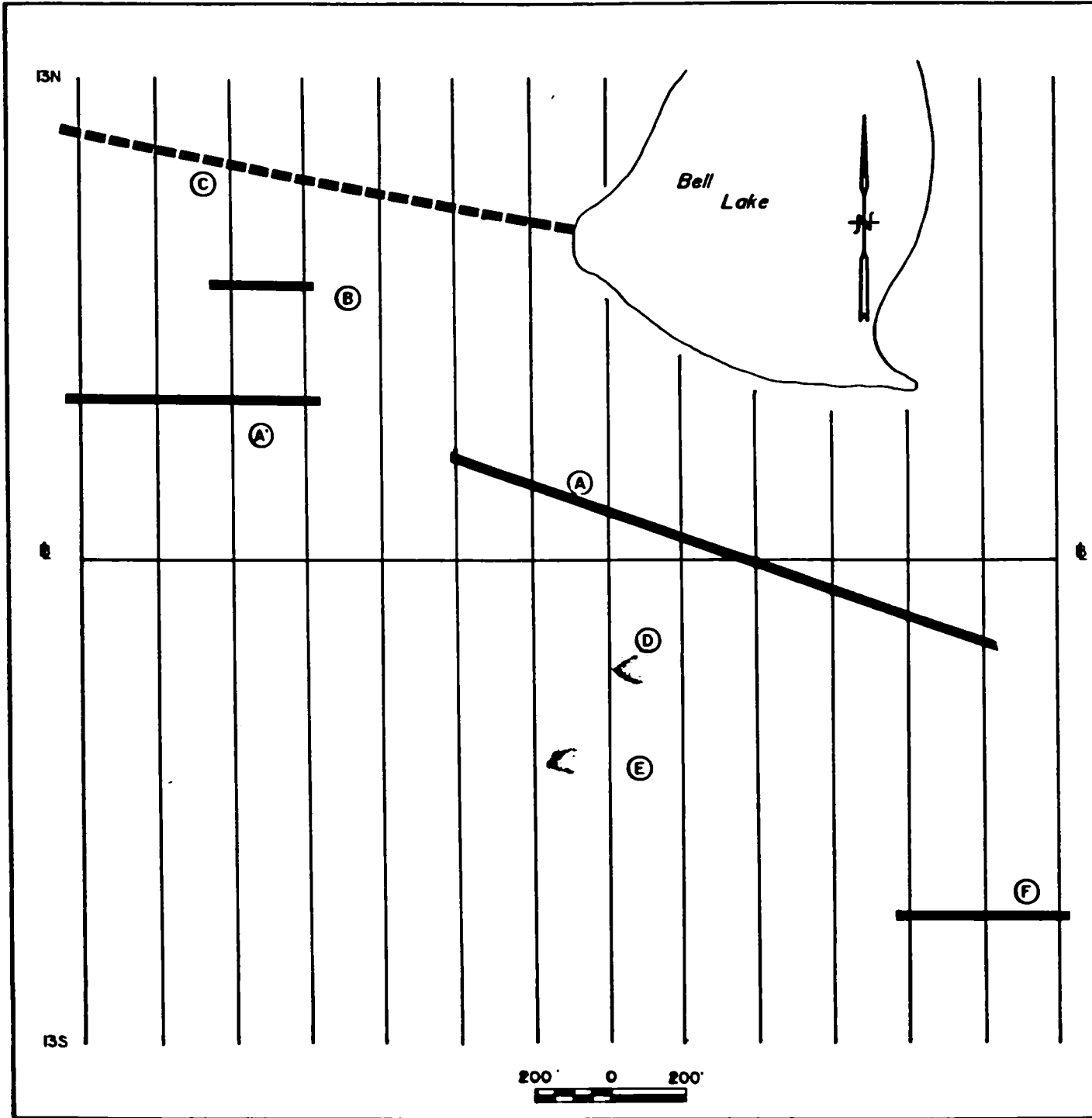
A moderately strong metal factor on line 16+00W at 2+00S is possibly a northeast striking fault previously described as the break between anomalies A and A'

See Table 3 and Figure 4.

Table 3. Summary of Geophysical Anomalies

Anomaly	Description
A	<ul style="list-style-type: none"><li>- most likely an interflow graphitic argillite, striking northwest across the center of the property</li><li>- good correlation between surveys</li></ul>
A'	<ul style="list-style-type: none"><li>- probably an extension of A, stronger fraser filter values and metal factor indicates more intense mineralization is probable</li></ul>
B	<ul style="list-style-type: none"><li>- good correlation between surveys with a weak resistivity high</li><li>- resistivity attributed to SCFL unit</li><li>- fraser filter and metal factor probably due to sulphide mineralization seen in drill core</li></ul>
C	<ul style="list-style-type: none"><li>- metal factor and mag high correlate with sulphide mineralization of disseminated pyrite and pyrrhotite</li></ul>
D	<ul style="list-style-type: none"><li>- resistivity high correlates to strong carbonate alteration and flat lying quartz veins</li></ul>
E	<ul style="list-style-type: none"><li>- as D</li></ul>
F	<ul style="list-style-type: none"><li>- metal factor, fraser filter, resistivity and mag. high</li><li>- untested, may be overburden but most likely caused by mineralization (pyrrhotite) due to mag. high</li></ul>








-  VLF-EM • Metal Factor
-  Mag. High • Metal Factor
-  Resistivity High

Figure 4. Geophysical Anomaly Locations

### Reverse Circulation Drilling

A total of (seventeen) 17 overburden holes were drilled to test both resistivity, frequency effect and metal factor anomalies. Anomalies tested were A, A', B and C.

Anomalous gold values were found in holes OVB-87-01,07,10 and 17. See Figure 5 for Distribution of Holes.

An abraided gold grain was found in the basalt till sample in hole OVB-87-07. The rounded nature of the grain indicates it has travelled a fair distance.

### DIAMOND DRILLING

A total of 3,412 feet was drilled in six (6) holes. The program was stretched out much longer than anticipated due to delays in obtaining specialized equipment to deal with the swampy nature of the property.

Figure 5 illustrates Hole Locations and Table 4 summarizes Drill Hole Data.

Table 4. Drill Hole Summary. Page 24

WELL NUMBER	NORTHING	EASTING	ELEVATION	LENGTH	AZ/DEPTH	DIP/DEPTH	PURPOSE	COMMENTS
TL-87-01	-875	-1600	SURFACE	658'	360/00	-50/00 -40/300 -40/600	TEST HIGH RESISTIVITY ANOMALY, CARBONATE ZONE, AND GRAB SAMPLE OF QV OF 0.07 OPT.	ASSAY OF 0.236 OPT OVER 1.9 FT. @ 188.8'. REASSAY OF 0.057 OPT, NUGGET EFFECT (AA CHECK OF 0.062 OPT)
TL-87-02	-800	-1200	SURFACE	818'	360	-50/00 -49/300 -45/600	TO TEST HIGH RESISTIVITY ANOMALY ON STRIKE FROM HOLE CTL-87-01 AND CARBONATE ZONE. EXTENDED TO TEST SECOND CARBONATE ZONE	NO APPRECIABLE RESULTS. NORTH CARBONATE ZONE INTERSECTED.
TL-87-03	100	-1100	SURFACE	338'	360/00	-50/00 -50/200	TO TEST HIGH RESISTIVITY ANOMALY SOUTH OF LAKE AND RCD VALUE.	INTERSECTED WEAKLY CONDUCTIVE, GRAPHITIC FAULT @ 338'.
TL-87-04	-125	-1975	SURFACE	538'	360/00	-45/00 -37/300 -41/538	TO TEST IP ANOMALY AND RCD VALUE	SOME FAIRLY SIGNIFICANT QTZ VEINING. GRAPHITIC ALTERATION NEAR END OF HOLE. SOME CONDUCTIVE PY STRINGERS. FAULTING. CONSISTENT TRACE VALUES WITH QTZ VEINING
TL-87-05	600	-2000	SURFACE	695'	360/00	-45/00 -41.5/308 -45/618	TO TEST RESISTIVITY ANOMALIES AND IP ANOMALIES	10% SULPHIDE MINERALIZATION OVER BOTTOM 60' WITH SOME WEAK GOLD VALUES.
TL-87-06	-775	-1600	SURFACE	348'	360/00	-50/00 -41/348	TEST UP DIP OF VALUE IN HOLE CTL-87-01	NO SIGNIFICANT RESULTS.

### STRIPPING

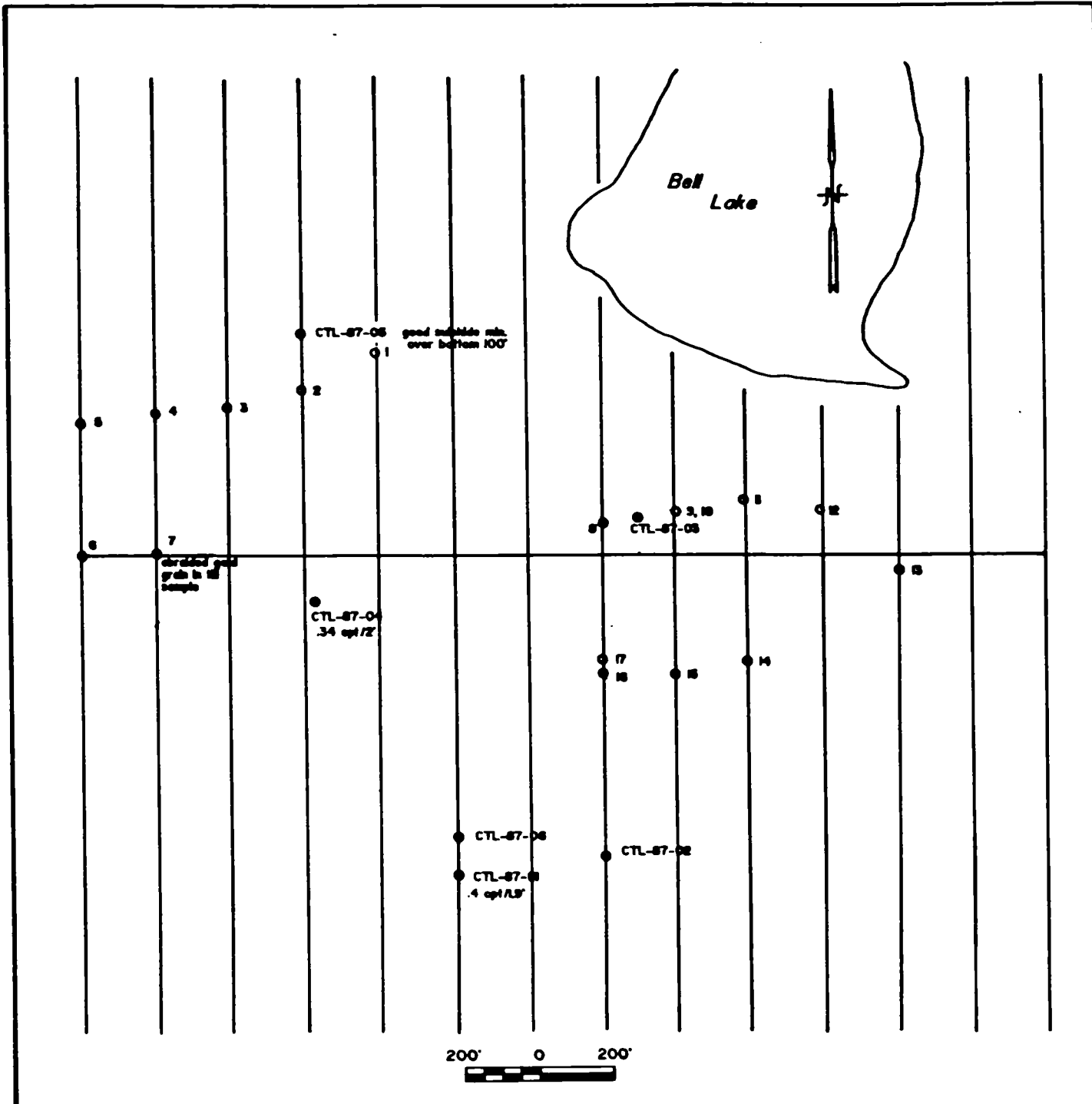
A 100 foot by 200 foot area was stripped between lines 12+00W and 14+00W at 3+50S. The initial intention was to uncover a resistivity high (Anomaly D) located at 2+50S on line 14+00W. Mapping of the property discovered a strong brown carbonate zone in a tuff unit at about 3+50S on line 12+00W. It is believed that Anomaly D and the carbonate zone are related.

Stripping was done by skidder and was followed by washing and channel sampling (samples were cut with a Stihl rock saw). Sampling tested quartz veins, and the carbonate altered host.

The carbonate zone and attitude of the quartz veins is very similar to the carbonate zone found on the Dobell Property, immediately to the south. Alteration is less intense and quartz veins are fewer on the Bell Lake zone.

Mineralization is predominantly <1% very fine grained, disseminated pyrite throughout the altered zone. Minor coarse grained, subhedral to euhedral pyrite crystals are found associated with quartz veins.

An attempt to strip a second brown carbonate alteration zone (Anomaly E) was abandoned due to the depth of overburden.



- Diamond Drill Hole
- Overburden Hole

Figure 5. Diamond Drill Hole and RCD Hole Locations

### CONCLUSIONS

The following summarizes the results of the exploration program on the Bell Lake Property:

- 1) A total field magnetics, VLF-EM, Induced Polarization Surveys, discerned seven (7) main anomalies on the property as outlined on the accompanying geophysical compilation map and described in the section geophysical interpretation. Anomaly F has not been tested in any way.
  
- 2) The property was mapped and prospected for gold and along with diamond drill hole data produced enough information for a good understanding of the geological setting of the property.
  
- 3) Reverse Circulation Drilling was completed to cover selected geophysical anomalies. Basal till samples were analyzed for gold and several holes stand out as being anomalous.
  
- 4) Stripping of a strong carbonate alteration zone was completed and the area mapped and channel sampled. Significant quartz veining was found associated with the alteration. Very minor pyrite mineralization was found with

the quartz veining. Diamond drilling and surface sampling of this zone found anomalous gold values on line 16+00W.

5) Diamond drilling tested and confirmed a number of the geophysical anomalies and discerned areas requiring further work.

#### RECOMMENDATIONS

1) Geophysical surveys, including Total Field Magnetics, VLF-EM, Induced Polarization and Resistivity should be conducted over Bell Lake to complete property coverage. A possible reason for the lake may be due to a low in bedrock topography caused by weathering of an alteration zone. Resistivity and VLF-EM anomalies have been partially discerned at the south end of the lake.

The continuity of anomaly C would also be traced out by these surveys.

Line 18+00W should also be run with the IP unit to cover the break between anomalies A and A'.

2) The carbonate alteration zones have been sufficiently tested at present to preclude any work in the immediate future though it is felt that another hole should be drilled

between the two existing holes. The gold values from the surface trench and from hole CTL-87-01 indicates some gold mineralization has accompanied the quartz veining.

Diamond drilling should be concentrated on the northwest anomalies (A through C) as well as any areas delineated by the lake survey. Particular attention should be paid to the break between anomalies A and A' (which was not tested in the previous program due to swampy conditions), and to conductor C which has sufficient mineralization to warrant further work.

Other areas requiring more detailed assessment include:  
a) the possible graphitic unit (anomaly A). Graphite is often associated with gold deposits in the area (example Owl Creek), with the carbon acting as an agent in precipitating gold from fluids. A few short holes could determine its potential; b) anomaly F should be tested to determine its cause, though it is of lesser priority than the above due to its nearness to the claim boundary.

3) Reverse Circulation Drilling could possibly help in determining which of the areas mentioned above should be given priority. The program required would necessarily be more detailed in nature in order to trace anomalous values to their source.



A recommended program and budget is listed in  
Appendix A.

Respectfully Submitted,



John R. Walmsley, B.Sc.,  
Project Geologist.

December 2, 1987  
Timmins, Ontario.

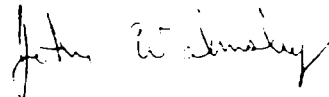
Certificate

With reference to my report on the exploration program conducted on the Bell Lake Property for Consolidated Thompson Lundmark Gold Mines Limited, dated December 2, 1987 .....

I, John R. Walmsley, of the City of Timmins, do hereby certify the following to be true and accurate to the best of knowledge:

- 1) That I received a B.Sc. degree in Earth Science, Geology Major, from the University of Western Ontario in 1984,
- 2) That I have been employed as a geologist by various exploration companies since 1978,
- 3) That I am the author of the corresponding report, and have been actively exploring in the Timmins area for a total of six (6) years,
- 4) That I have no interest, direct or indirect, in the four (4) patented claims comprising the property described in this report,
- 5) That I hold no interest or shares in the company holding the property nor do I expect to receive such interest or shares in the future.

Dated this 2nd. day of December, 1987  
Timmins, Ontario.



John R. Walmsley, B.Sc.,  
Project Geologist.

**APPENDIX A**

Appendix A

Recommended Winter Program

Establishment of Grid across Bell Lake	]	
Completion of Magnetic Survey	]	\$400.00 for package
Completion of VLF-EM Survey	]	
Completion of Induced Polarization Survey - cost plus 15%		approx. \$2500.00
Plotting and Replotting of Geophysical Data - 8 maps		<u>cost + 15% (\$500.00)</u>
	Subtotal	\$3400.00
Reverse Circulation Drilling (*)		
- drill - 5 days @ \$2500.00/day		\$12500.00
- 1 geologist + assistant		
- 7 days @ \$400.00/day		\$2800.00
- analysis - 50 concentrations @ \$40.00 each		
- 50 analysis @ \$20.00 each plus 15%		
	-total	<u>\$3150.00</u>
	Subtotal	\$18450.00
Diamond Drilling		
- 1200 feet @ \$20.00 per foot		\$24000.00
- geologist for 7 days @ \$225.00/day		\$1575.00
- assaying - cost plus 15% (approx 100)		\$1380.00
- diamond saw blade charge for cutting core		
- \$1.00/ft., 300 feet		<u>\$300.00</u>
	Subtotal	\$27255.00
Transport - 4X4 truck rental, \$50.00/day to a maximum of \$1000/month - approx 14 days total		\$700.00
- insurance for truck - 1/2 month		\$50.00
- fuel (estimate)		\$100.00
- ski-doo rental (if required) @ \$25.00/day		<u>\$350.00</u>
	Subtotal	\$1200.00
Summary Report and Interpretation - all in cost (if required)		\$1000.00
	<b>TOTAL</b>	<b>\$51,305.00</b>

(\*) - Optional

**APPENDIX B**

Appendix B. Grab Sample Description

Sample Number	Northing	Easting	Assay	Description
P 1501	12+00N	24+60W	Nil	Fg chl alt'n and 5% qtz/carb stringers, <1% mg oxidized to fresh py
P 1502	11+75N	23+10W	Nil	30% qtz/carb vein 70% chl. alt'd and, <1% fg to mg dissem py in qtz, 5% chl. incl. in qtz.
P 1503	11+75N	23+10W	Nil	80% qtz/carb vein, 20% chl. alt'd. and., 5% chl. incl. in qtz, minus fg py in qtz, py slightly oxidized
P 1504	11+75N	23+10W	Nil	Qtz/carb vein, 15% chl. incl., near wall rock, very minor ox py, minor silicif. of incl.
P 1505	11+75N	23+10W	Nil	60% chl. alt and., 40 % milky-white qtz, 5% chl. incl, poss. minor sericite, very minor fg py
P 1506	11+75N	23+10W	Nil	Qtz/carb vein, minor chl incl., no visible min, milky-white qtz, slight rust staining
P 1507	5+10S	15+90W	Nil	10% qtz veinlet with 1% brown carb patches, weak reaction to HCL, 90% bleached silicif and., minor, mg, subhed py in host
P 1508	5+10S	15+90W	Nil	From trench muck, 90% milky-white qtz, 7% rusty carb, 3% grey to black tourm. as str. & radiating crystals, qtz is "fresh"
P 1509	5+10S	15+90W	Nil	Qtz from swell, poss not in place, minor mg to cg weath py patches, 2% rust carb, 3% fg radiating grey tourm
P 1510	6+40S	14+60W	Nil	Lapilli tuff, tending towards dacite, quite hard, light grey-brown weathering, only powder reacts to HCL, minor dissem mg py
P 1511	5+55S	15+55W	Nil	5% qtz str. in and., str. discontin., fg to mg py in qtz and host, strong rust carb along contacts and in qtz, host rust speckled
P 1512	5+55S	15+55W	Nil	See #P 1511
P 1523	3+25S	11+90W	Nil	Qtz/ank from subcrop milky-white, rust ank stained (15%), very minor cg py

## Appendix B (continued)

Sample Number	Northing	Easting	Assay	Description
P 1524	3+25S	11+90W	Nil	As P 1523, 15% chl. alt'd host
P 1525	3+95S	11+60W	Nil	Qtz/cb veinlet, discontin., 30% rust cb, poss minor dissem. py
P 1526	6+30S	13+85W	Nil	Qtz/cb stringers, qtz translucent with smokey streaks, no visible min in qtz, minor py in host, dacitic tuff, tuff strongly cb alt'd
P 1527	4+90S	15+35W	Nil	Qtz/calc veinlet in shear, 15% strongly chl alt'd host, minor sericite, minor cg, oxidized py in host

**APPENDIX C**



Overburden Drill Log

For: CTL

Project: Bell Lake

Northing: 6+00N

Hole No. : OVB-87-01  
 Date : July 24, 1987  
 Logged By: E.H. van Hees  
 Driller : George Downing  
 Estate Drilling

Easting: 18+00W

From	To	Assay	Description
0	4		- swamp muck
4	14		- fine sand with lots of fine py
14	18		- as above
18	24		- sand mixed with clay
24	36		- clay
36	37.5	He. 169.3 Li. 35.4 Mag. 2410.5 36 - 37.5	- till - some sand mixed in - pred. volc. & sed. frags.
37.5	40.5	Nil 32.5 - 40.5	- bedrock, volcanic - high % of qtz - minor fg dissem py
			EOH 40.5'

E. H. van Hees  
Geological Services Inc.

Overburden Drill Log

For: CTL  
Project: Bell Lake  
Northing: 4+50N

Hole No. : OVB-87-02  
Date : July 24, 1987  
Logged By: E.H. van Hees  
Driller : George Downing  
Estate Drilling

Easting: 20+00W

From	To	Assay	Description
0	6		- fine sand
6	17.5		- clay - brown grading to grey
17.5	18.5		- till, high % of qtz frags
18.5	24	Nil	- bedrock(?) - may be clayey till, up to 50% rusty clay with slatey rock frags
		18.5 - 26	- could be fault gouge
24	26		- no return - probably fault zone
			No Return/No Sample
			EOH 26'



E. H. van Hees  
Geological Services Inc.

Overburden Drill Log

For: CTL

Project: Bell Lake

Northing: 3+80N

Hole No. : OVB-87-04

Date : July 25, 1987

Logged By: E. H. van Hees

Driller : George Downing

Estate Drilling

Easting: 24+00W

Page 1 of 1

From	To	Assay	Description
0	4		- swamp muck
4	14		- varved clay - 3' brown grading to grey
14	24		- as above, poor return
24	31.5	He. 44.8 ppb Li. 12.4 Mag. 125.0	- till - some fine sand - well mixed variety, incl.volc., granite and qtz. - minor py, cubic, 4mm
31.5	35.5	He. 63.8 ppb Li. 4.6 Mag. 60.5	- till, as above - significant qtz with minor assoc. qtz - lots of py with qtz in last 2' - py fg, anhed.
35.5	39	50.0 ppb	- bedrock - rusty slate or argillite with py - graphitic - some graphitic clay balls
		35.5 - 39	
			EOH 39'

E. H. van Hees  
Geological Services Inc.

Overburden Drill Log

For: CTL  
Project: Bell Lake

Hole No. : OVB-87-05  
Date : July 25, 1987  
Logged By: E.H. van Hees  
Driller : George Downing  
Estate Drilling

Northing: 3+50N                      Easting: 26+00W

Page 1 of 1

From	To	Assay	Description
0	5		- swamp muck
5	14		- clay - light and dark grey chunky, varved - pred. light grey below first 4' - very fg sand towards 14'
14	25		- fine sand - pred. in suspension, fg - minor clay
25	26		- clay mixed with till
26	26.5		- till - minor clay - pred light green volcanics - some granite and qtz - poor return
26.5	27		- bedrock - med to light green volcanics - minor qtz - washing of last 1', no return
			EOH 27'

E. H. van Hees  
Geological Services Inc.

Overburden Drill Log

For: CTL

Project: Bell Lake

Northing: Baseline

Hole No. : OVB-87-06  
Date : July 25, 1987  
Logged By: J. Walmsley  
Driller : George Downing  
Estate Drilling

Easting: 26+00W

Page 1 of 1

From	To	Assay	Description
0	23		- clay - varved - pred. in suspension over bottom 10'
23	25.5		- till - 40% light green carb? - 20% - 25% qtz, fresh translucent > milky-white - remainder granite and other - pred. 1/4" frags over first 1' - volc. constituent increases - poss. some graphite with qtz - <5mm subhedral to euhed. py cubes - sand at 25', fg - minor graph. arg. pebbles with assoc. fg py
25.5	26.5	He. 455.9 Li. 60.0 Mag. 109.4	- till - as described above - pred light green volcanics - minor granite pebbles - less qtz than above - poss bedrock at 26' - very, very fg py in volc. fairly high %, minor assoc. silicif.
		25.5 - 26.5	
26.5	27.5	He. 390.8 Li. 14.2 Mag. 58.3	- till - mixed with bedrock flakes - till as above, higher % qtz - volc. extremely hard - only volc. chips below 27', minor qtz frags - minor vfg py with qtz - some rust carb staining on qtz
		26.5 - 27.5	
			EOH 27.5

E. H. van Hees  
Geological Services Inc.

Overburden Drill Log

For: CTL

Project: Bell Lake

Northing: Baseline

Hole No. : OVB-87-07  
Date : July 25, 1987  
Logged By: J. Walmsley  
Driller : George Downing  
Estate Drilling

Easting: 24+00W

Page 1 of 1

From	To	Assay	Description
0	7		- swamp muck
7	35		- clay - med. dark grey - pred in suspension below 24'
35	36.0	He. 85.2 ppb Li. 22.6 Mag. 871.4	- till - 60% grey-green volc., 15% qtz, remainder argillite and granite - minor py in argillite
36	38.5	35 - 38.5	- sand - very fg - pred. in suspension - at 38.5', 1/4' section 70% qtz frags, minor py and brown carb
38.5	42		- till - fairly high qtz content continues from above - as previous till unit, pred. grey- green volc. - poss minor black tourm. in qtz - poor return below 42'
42	44	He. 0.52 opt Li. 14.0 ppb Mag. Nil 38.5 - 44	- bedrock - very,very fg py in silicified volc. - minor till frags - some volc. flakes fairly chl. rich - minor rust carb
			Abraided Au grain found in second sample
			EOH 44'

E. H. van Hees  
Geological Services Inc.

Overburden Drill Log

For: CTL

Project: Bell Lake

Northing: 2+00N

Hole No. : OVB-87-08  
Date : July 26, 1987  
Logged By: J. Walmsley  
Driller : George Downing  
Estate Drilling

Easting: 12+00W

Page 1 of 1

From	To	Assay	Description
0	9		- swamp muck
9	24		- clay - minor varved at top - med dark-grey below varved - mixed with fine sand, no py - pred. in suspension over last 5'
24	27	He. 344.4 ppb Li. 14.9 Mag. 168.7 24 - 28	- till - mixed volc., granites and other - <10% qtz - mixed with fine sand and minor vfg dissem. py
27	28		- fine sand - minor pebbles
28	28.5	He. 35.8 Li. 10.5 Mag. 34.8 28 - 29	- till - pred. med. dark green volc. and graphitic sed. - close to bedrock - minor qtz
28.5	29	6.3 ppb 28.5 - 29	- bedrock - chl. rich - fair amt. of qtz and white carb - minor vfg dissem. py
			EOH 29'



E. H. van Hees  
Geological Services Inc.

Overburden Drill Log

For: CTL

Project: Bell Lake

Northing: 3+00N

Hole No. : OVB-87-09  
Date : July 26, 1987  
Logged By: J.Walmsley  
Driller : George Downing  
Estate Drilling

Easting: 10+00W

Page 1 of 1

From	To	Assay	Description
0	6		- swamp muck
6	16		- clay - varved over upper 6'
16	22	He. 45.5 ppb Li. 7.4 Mag. Nil 16 - 22	- till - mixed with fine sand - 70% volc., 15% qtz, 15% granite - minor light grey-green rock chips - starting at 20' (boulder) - very fg py in volc. - <10% qtz below 20'
22	25	He. 67.0 ppb Li. 9.5 Mag. 146.9 22 - 25	- till - as described above - poor return - >10% qtz with minor py to 24' - about 50% volc. - minor graphitic arg. - minor sand - no return below 25'
			EOH 25'

E. H. van Hees  
Geological Services Inc.

Overburden Drill Log

For: CTL

Project: Bell Lake

Northing: 3+00N

Hole No. : OVB-87-10  
Date : July 26, 1987  
Logged By: J. Walmsley  
Driller : George Downing  
Estate Drilling

Easting: 9+95W

Page 1 of 1

From	To	Assay	Description
0	9		- swamp muck
9	18		- clay - varved to 11' - pred. in suspension 11' to 18'
18	19		- fine sand - no visible min.
19	25	:He. 3457.0 ppb :Li. Nil :Mag. 53.3 : 19 - 25	- till - volc. > graph. arg.> granites - <10% qtz - mixed with fine sand - arg.> volc. below 21', <10% granite - minor fine py in sand, <1mm
25	26	12.5 ppb 25 - 26	- bedrock - fine rock chips, bleached white, minor white carb and qtz - minor vvfgr py in volc. assoc. with qtz - colour grades to light grey back to light grey-green

E. H. van Hees  
Geological Services Inc.

Overburden Drill Log

For: CTL

Project: Bell Lake

Northing: 3+75N

Hole No. : OVB-87-11  
Date : July 26, 1987  
Logged By: J. Walmsley  
Driller : George Downing  
Estate Drilling

Easting: 8+00W

Page 1 of 1

From	To	Assay	Description
0	13		- swamp muck
13	32		- clay - fine sand at start mixed with clay - in suspension below 26'
32	35	He. 138.2 ppb Li. 4.9 Mag. 47.1	- till - frags. pred. arg. and light grey volc.
35	40	32 - 40	- clay - mixed with fine sand and till - till as above, 10% qtz
40	54	He. 39.2 Li. 13.8 Mag. 10.3 40 - 54	- till - mixed with sand and clay - pebbles 40% volc., 30% seds., 20% granite and 10% qtz - 1' of sand at 46' - below 48' interbedded till and sand layers
54	55		- till - with sand - as above
55	57	25.0 ppb 55 - 57	- bedrock - < 20% granite frags - light grey volc. - return murky-green - > 10% qtz
			EOH 57'

E. H. van Hees  
 Geological Services Inc.

Overburden Drill Log

For: CTL

Project: Bell Lake

Northing: 3+00N

Hole No. : OVB-87-12  
 Date : July 26, 1987  
 Logged By: J. Walmsley  
 Driller : George Downing  
 Estate Drilling

Easting: 6+00W

Page 1 of 1

From	To	Assay	Description
0	4		- swamp muck
4	5		- sandy clay - particles pred. in suspension
5	10.5	He. 101.9 ppb Li. Nil Mag. 53.3 5 - 10 .5	- sandy-clayey till - clay clumps sandy - till frags <1/4" - frags greywacke(?) and granites, - minor graphitic arg. with assoc. py - volc. boulder 6' - 9.5'
10.5	11	37.5 ppb 10.5 - 11	- bedrock - light grey-green volc., white - spherules(?) - minor granite pebbles quickly die out - minor qtz - very minor fg py in volc.
			EOH 11.0'

E. H. van Hees  
Geological Services Inc.

Overburden Drill Log

For: CTL

Project: Bell Lake

Northing: 1+00S

Hole No. : OVB-87-13  
Date : July 26, 1987  
Logged By: J. Walmsley  
Driller : George Downing  
Estate Drilling

Easting: 4+00W

Page 1 of 1

From	To	Assay	Description
0	4		- no return
4	33		- clay - light rust brown and med grey varved - pred. in suspension below 19'
33	57.5	He. 35.2 ppb Li. 10.2 Mag. 27.8 33 - 57.5	- interbedded fine sand and till - till 40% med green volc., 60% other - minor graphite on surfaces of volc. with vfg py - about 10% qtz - brown carb with chl. incl. in some qtz - pred. volc. to 54' - sand layers throughout - at 54' sand layer followed by fine till frags with higher % of qtz and granite than previously - < 10% fine sand below 56' - fg py assoc. with qtz in volc. - > 10% sand at 57'
57.5	58	6.3 ppb 57.5 - 58	- bedrock - light grey to grey-green volc. flakes with vfg to fg py - rock quite hard - <10% qtz
			EOH 58'

E. H. van Hees  
Geological Services Inc.

Overburden Drill Log

For: CTL

Project: Bell Lake

Northing: 7+10S

Hole No. : OVB-87-14  
Date : July 27, 1987  
Logged By: J. Walmsley  
Driller : George Downing  
Estate Drilling

Easting: 8+00W

Page 1 of 1

From	To	Assay	Description
0	8		- clay - mixed with till - clay varved
8	13		- till - mixed volc. seds., granite and qtz - about 10% fine sand with minor vfg py
13	14		- fine sand - <40% till
14	17.5	He. 32 ppb Li. 11.6 Mag. 140.9 14 - 17.5	- till - minor sandy-clay chunks - >20% sand to 15.5' - >10% below 15.5' - till pred. arg. frags., slightly graphitic - minor fine py in volc. frags. - volc. fairly chl. rich - loss circulation at 17.5'
			EOH 17.5'

E. H. van Hees  
Geological Services Inc.

Overburden Drill Log

For: CTL

Project: Bell Lake

Northing: 8+00S

Hole No. : OVB-87-15  
Date : July 28, 1987  
Logged By: J. Walmsley  
Driller : George Downing  
Estate Drilling

Easting: 10+00W

Page 1 of 1

From	To	Assay	Description
0	6		- swamp muck
6	8		- sand - fine sand and clay in suspension
8	13	He. 70.3 ppb Li. 8.4 Mag. 104.7 8 - 13	- till - 10% fine sand, no visible py - minor med green frags. - grades into pred. graph/chl. seds. or volc. frags. by 12.5' - white-green flakes start at 13' - flakes qtz/carb rich spotted with light green carb?
13	13.5	18.8 ppb 13 - 13.5	- bedrock - flakes as described above - light green alt'n either green carb or sericite as tiny spots - qtz/carb rich vein?
			EOH 13.5'





E. H. van Hees  
Geological Services Inc.

Overburden Drill Log

For: CTL

Project: Bell Lake

Northing: 7+00S

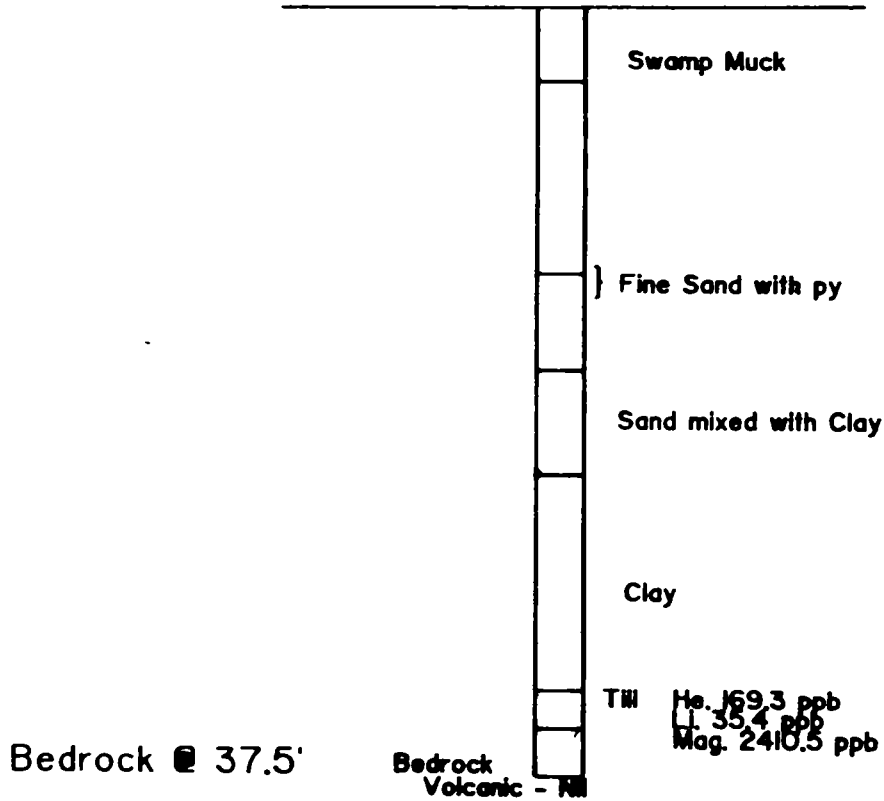
Hole No. : OVB-87-17  
Date : July 28, 1987  
Logged By: J. Walmsley  
Driller : George Downing  
Estate Drilling

Easting: 12+00W

Page 1 of 1

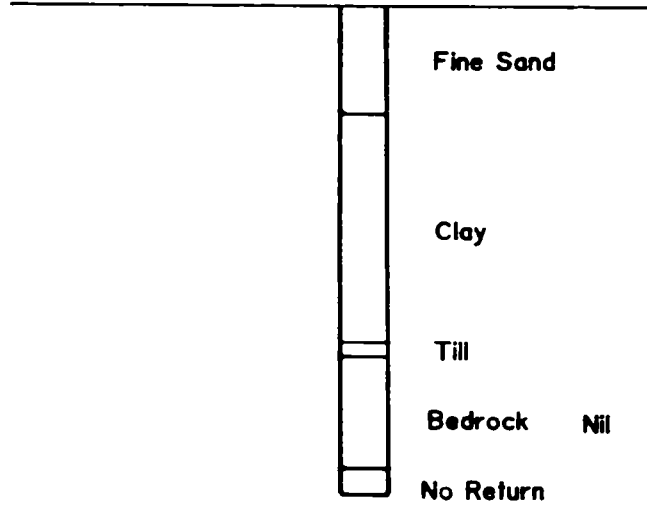
From	To	Assay	Description
0	4		- swamp muck
4	13.5		- clay - beginning dark brown to varved - sandy below 9' - pred. in suspension from 11'-13.5'
13.5	17.5	He. 1223 ppb Li. 11.9 Mag. 92.2 13.5-17	- till - pred. med. grey-green volc. - <10% qtz frags, <10% qtz/ biotite - <10% fine sand with minor vvfgr py cubes - >20% sand below 15' to 17' - minor fg py in volc., euhedral, <1mm
17.5	18.5	6.3 ppb 17.5 - 18.5	- bedrock - med. dark green chl. rich volc. flakes - about 10% qtz, milky-white assoc. with volc. - minor mg to fg py with volc. subhed. - minor py in qtz - 20% till washing in with flakes
			EOH 18.5'

OVB-87-01



<b>E.H. van Hees Geological Services Inc.</b>		
<b>Consolidated Thompson Lundmark Gold Mines Limited</b>		
<b>Reverse Circulation Drill Hole</b>		
<b>OVB-87-01</b>		
<b>Type/Area:</b> Tisdale	<b>Prov.:</b> Ontario	
<b>Mining Div.:</b> Cochrane	<b>Proj.:</b> Bell Lake	
<b>References:</b>	<b>N.T.S.:</b>	
<b>Drawn:</b> J.Fink	<b>Drafted:</b> J.Fink	<b>Checked:</b> J.Walmsley
<b>Scale:</b> 1"=10'	<b>Date:</b> November, 1987	<b>Sheet:</b>

OVB-87-02



E.H. van Hees Geological Services Inc.

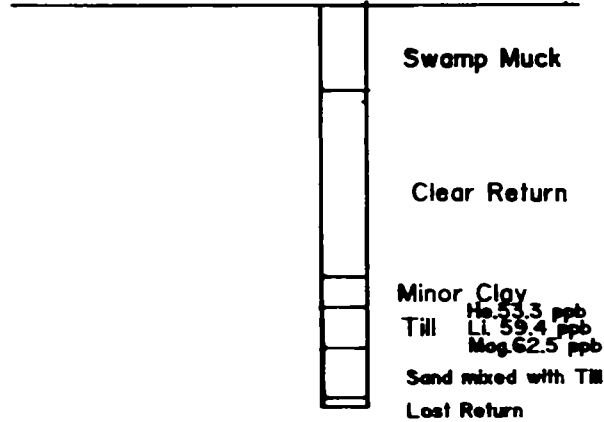
for  
Consolidated Thompson Lundmark  
Gold Mines Limited

Reverse Circulation Drill Hole

OVB-87-02

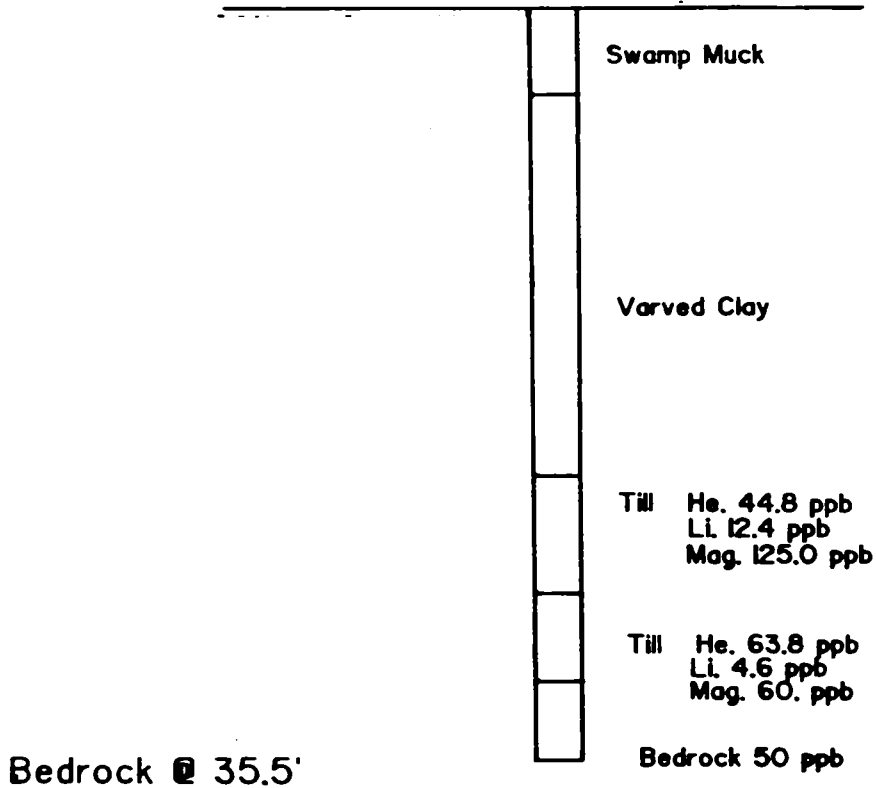
Twp/Area: Tisdale		Prov.: Ontario
Mining Div.: Cochrane		Proj.: Bell Lake
References:		N.T.S.
Drawn: J.Fink	Drafted: J.Fink	Checked: J.Walmsley
Scale: 1"=10'	Date: November, 1987	Sheet:

OVB-87-03



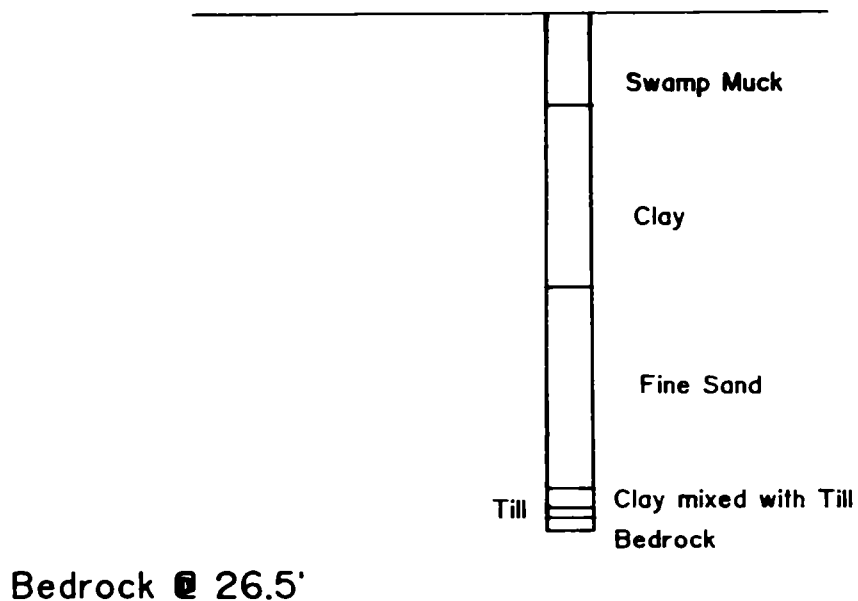
<b>E.H. van Hees Geological Services Inc.</b>		
for <b>Consolidated Thompson Lundmark Gold Mines Limited</b>		
<b>Reverse Circulation Drill Hole</b>		
<b>OVB-87-03</b>		
<b>Twp/Area:</b> Tisdale	<b>Prov.:</b> Ontario	
<b>Mining Div.:</b> Cochrane	<b>Proj.:</b> Bell Lake	
<b>References:</b>	<b>N.T.S.:</b>	
<b>Drawn:</b> J.Fink	<b>Drafted:</b> J.Fink	<b>Checked:</b> J.Walmsley
<b>Scale:</b> 1"=10'	<b>Date:</b> November, 1987	<b>Sheet:</b>

OVB-87-04



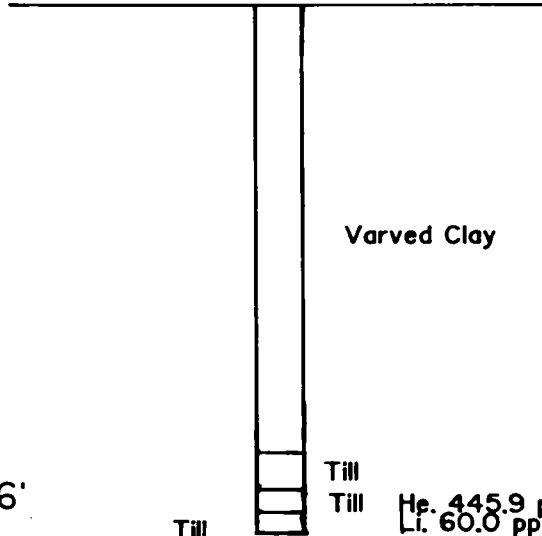
<b>E.H. van Hees Geological Services Inc.</b>		
for <b>Consolidated Thompson Lundmark Gold Mines Limited</b>		
<b>Reverse Circulation Drill Hole</b>		
<b>OVB-87-04</b>		
<b>Trp/Area:</b> Tisdale	<b>Prov.:</b> Ontario	
<b>Mining Div.:</b> Cochrane	<b>Proj.:</b> Bell Lake	
<b>References:</b>	<b>N.T.S.:</b>	
<b>Drawn:</b> J.Fink	<b>Drafted:</b> J.Fink	<b>Checked:</b> J.Walmsley
<b>Scale:</b> 1"=10'	<b>Date:</b> November, 1987	<b>Sheet:</b>

OVB-87-05



<b>E.H. van Hees Geological Services Inc.</b>		
Consolidated Thompson Lundmark Gold Mines Limited		
Reverse Circulation Drill Hole OVB-87-05		
Twp/Area: Tisdale	Prov.: Ontario	
Mining Div.: Cochrane	Proj.: Bell Lake	
References:		N.T.S.:
Drawn: J.Fink	Drafted: J.Fink	Checked: J.Walmsley
Scale: 1"=10'	Date: November, 1987	Sheet:

OVB-87-06



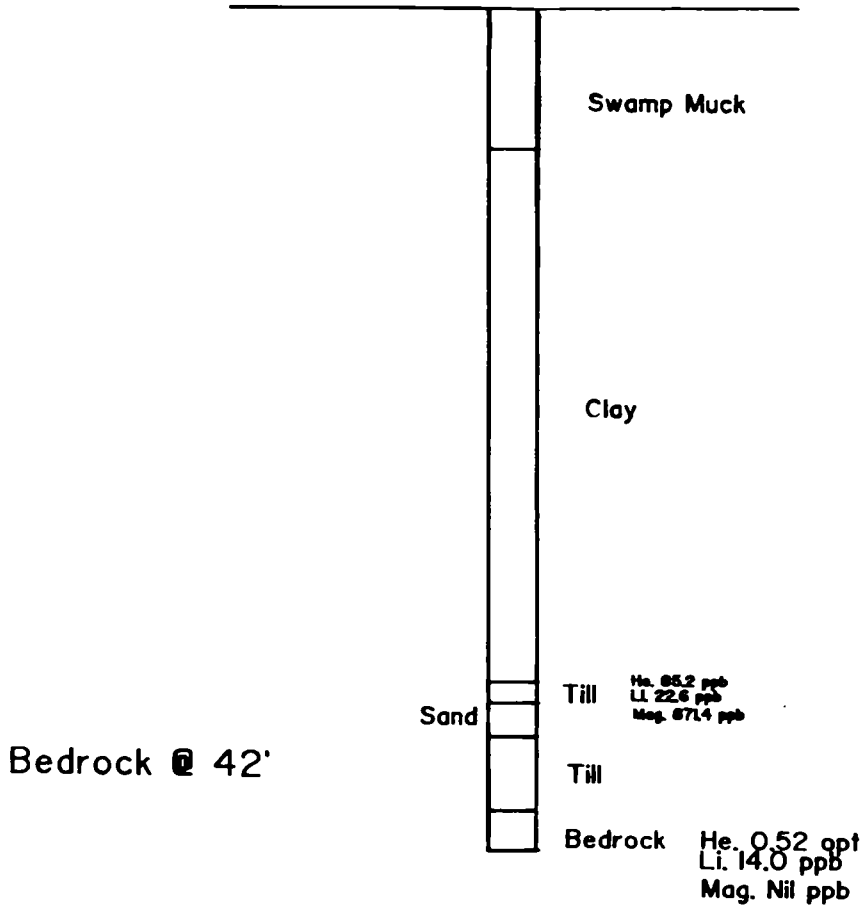
Bedrock @ 26'

Till  
 He. 390.8 ppb  
 Li. 14.2 ppb  
 Mag. 58.3 ppb

Till  
 He. 445.9 ppb  
 Li. 60.0 ppb  
 Mag. 109.4 ppb

E.H. van Hees Geological Services Inc.		
for Consolidated Thompson Lundmark Gold Mines Limited		
Reverse Circulation Drill Hole		
OVB-87-06		
Twp/Area	Tisdale	Prov.: Ontario
Mining Div	Cochrane	Proj Bell Lake
References:		N.T.S.:
Drawn: J. Fink	Drafted: J. Fink	Checked: J. Walmsley
Scale 1" = 10'	Date: November, 1967	Sheet:

OVB-87-07

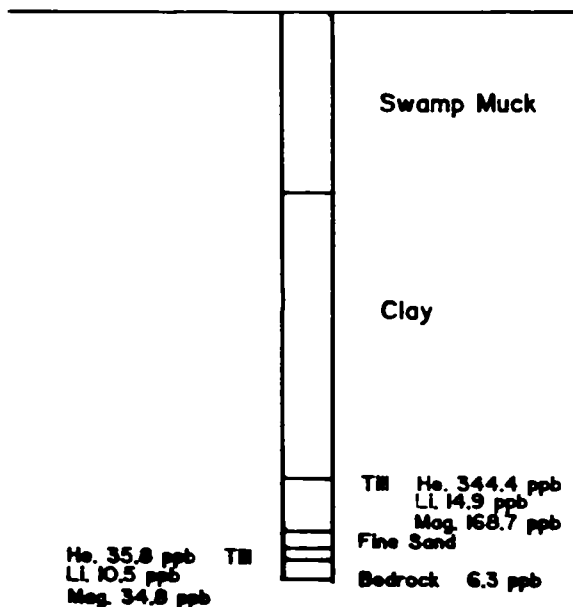


Abraided Au grain found in second sample

E.H. van Hees Geological Services Inc.		
for Consolidated Thompson Lundmark Gold Mines Limited		
Reverse Circulation Drill Hole		
OVB-87-07		
Twp/Area	Tisdale	Prov.: Ontario
Mining Div	Cochrane	Proj Bell Lake
References:		N.T.S.
Drawn: J. Fink	Drafted J. Fink	Checked J. Walmsley
Scale 1:10	Date November 1987	Sheet



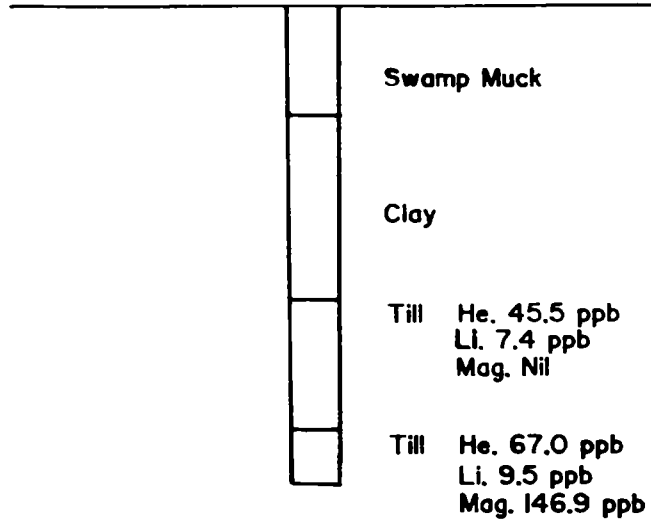
# OVB-87-08



Bedrock @ 28.5'

<b>E.H. van Hees Geological Services Inc.</b>		
for Consolidated Thompson Lundmark Gold Mines Limited		
<b>Reverse Circulation Drill Hole</b>		
<b>OVB-87-08</b>		
<b>Twp/Area</b>	Tisdale	<b>Prov.</b> Ontario
<b>Mining Div</b>	Cochrane	<b>Proj.</b> Bell Lake
<b>References:</b>		<b>N.T.S.:</b>
<b>Drawn</b> J. Fink	<b>Drafted</b> J. Fink	<b>Checked</b> J. Walmsley
<b>Scale</b> 1" = 10'	<b>Date</b> November 1987	<b>Sheet</b>

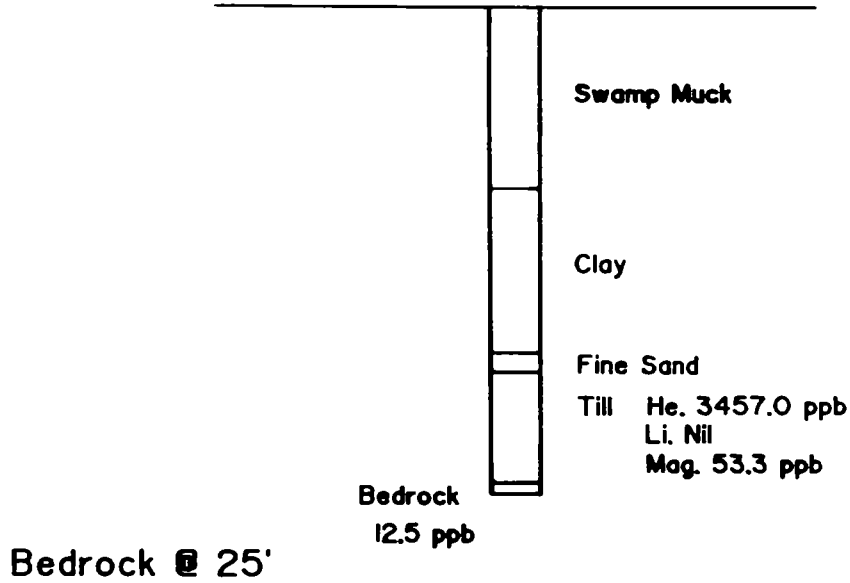
OVB-87-09



No Return Below 25'

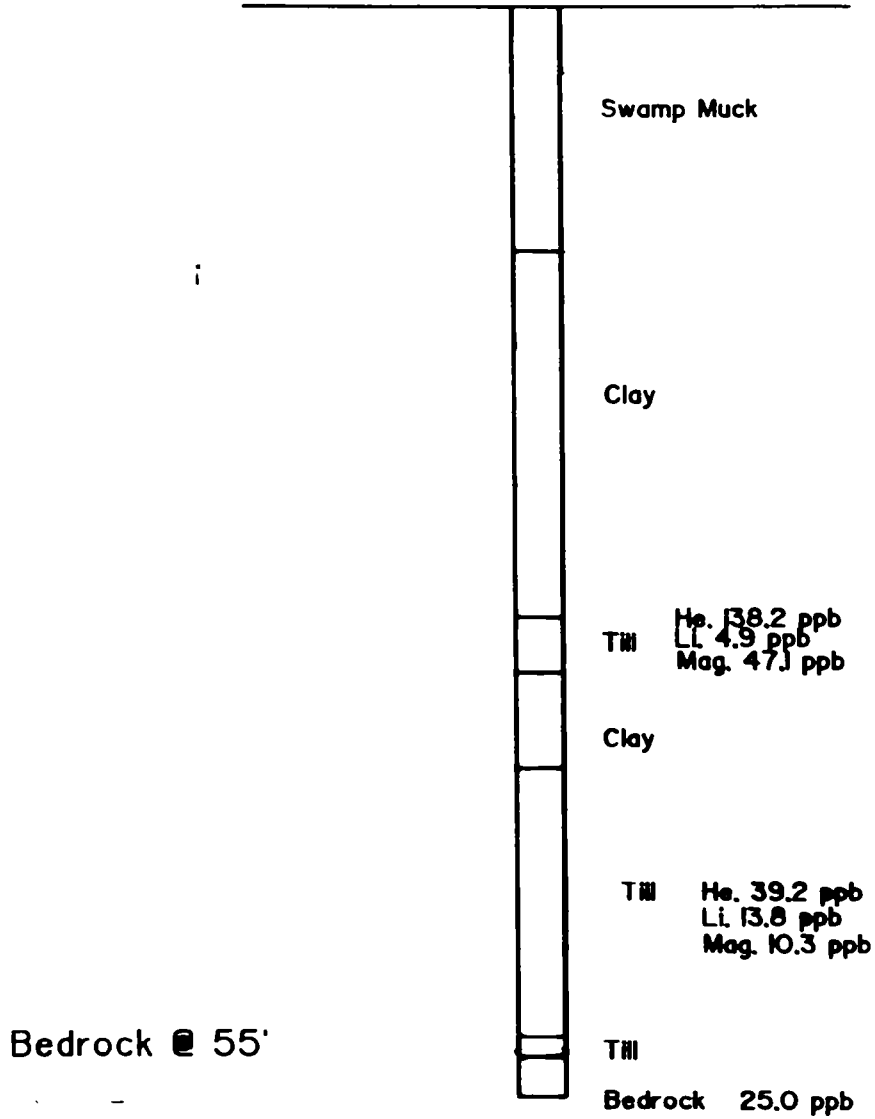
E.H. van Hees Geological Services Inc.		
for Consolidated Thompson Lundmark Gold Mines Limited		
Reverse Circulation Drill Hole		
OVB-87-09		
Twp/Area	Tisdale	Prov.: Ontario
Mining Div	Cochrane	Proj.: Bell Lake
References:		N.T.S.
Drawn by	J. Fink	Drafted
		J. Fink
		Checked
		J. Walmsley
	Date	November 1987
		Sheet

# OVB-87-10



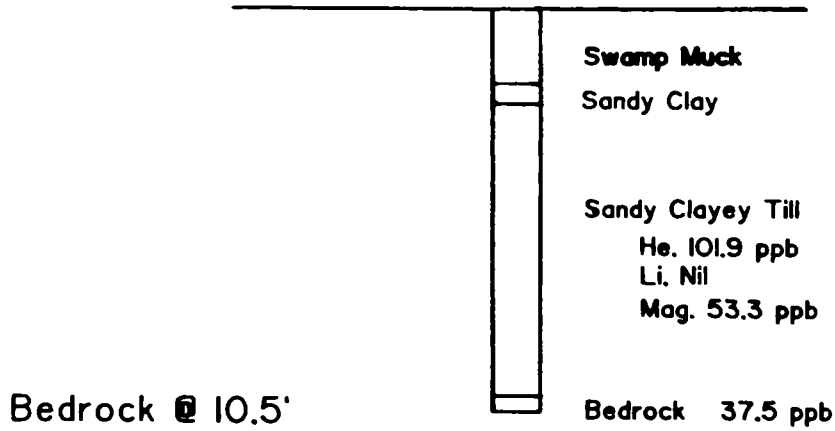
E H van Hees Geological Services Inc.		
for Consolidated Thompson-Lundmark and Mines Limited		
Reverse Circulation Drill Hole		
OVB-87-10		
Twp/Area	Tisdale	Prov. Ontario
Mining Div	Cochrane	Proj. Bel' Lake
References:		N.T.S.
Drawn: J Fink	Drafted: J Fink	Checked: J Wamsley
Scale: 1:10	Date: November 1987	Sheet:

# OVB-87-II



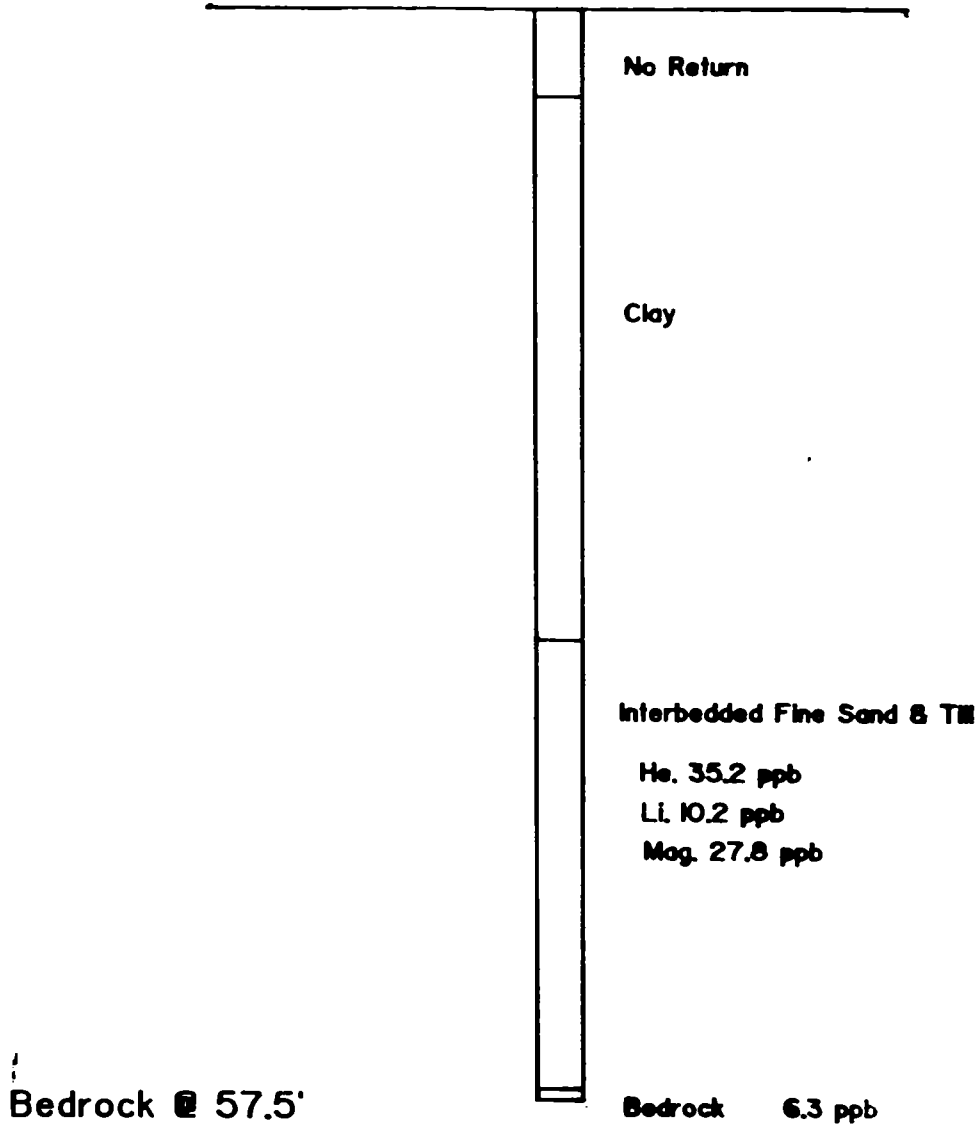
<b>E.H. van Hees Geological Services Inc.</b>		
for Consolidated Thompson Lundmark Gold Mines Limited		
<b>Reverse Circulation Drill Hole</b>		
<b>OVB-87-II</b>		
Twp/Area	Tisdale	Prov.: Ontario
Mining Div.	Cochrane	Proj. Bell Lake
References:		N.T.S.:
Drawn: J. Fink	Drafted: J. Fink	Checked: J. Walmsley
Scale: 1" = 10'	Date: November, 1987	Sheet:

OVB-87-12



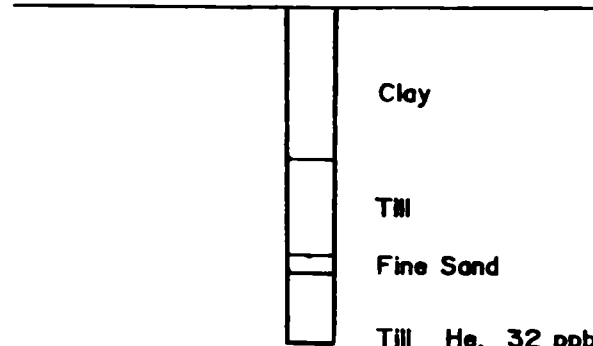
E.H. van Hees Geological Services Inc.		
for Consolidated Thompson Lundmark Gold Mines Limited		
Reverse Circulation Drill Hole		
OVB-87-12		
Twp/Area: Tisdale	Prov.: Ontario	
Mining Div.: Cochrane	Proj.: Bell Lake	
References:	N.T.S.:	
Drawn: J. Fink	Drafted: J. Fink	Checked: J. Walmsley
Scale: 1" = 10'	Date: November, 1987	Sheet:

OVB-87-13



E.H. van Hees Geological Services Inc.		
Consolidated Thompson Lundmark Gold Mines Limited		
Reverse Circulation Drill Hole		
OVB-87-13		
Twp/Area	Tisdale	Prov.: Ontario
Mining Div.	Cochrane	Proj.: Bell Lake
References:		N.T.S.:
Drawn: J. Fink	Drafted: J. Fink	Checked: J. Walmsley
Scale: 1:10	Date: November 1987	Sheet:

i  
OVB-87-14



circulation lost @ 17.5'

Clay

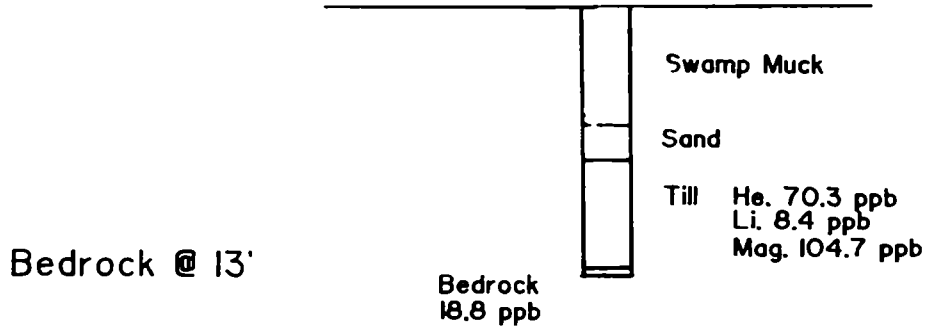
TM

Fine Sand

Till He. 32 ppb  
Li. 11.6 ppb  
Mg. 140.9 ppb

E.H. van Hees Geological Services Inc.	
for Consolidated Thompson Lundmark Gold Mines Limited	
Reverse Circulation Drill Hole  OVB-87-14	
Twp/Area: Tisdale	Prov.: Ontario
Mining Div.: Cochrane	Proj.: Bell Lake
References:	N.T.S.:
Drawn: J. Fink	Drafted: J. Fink
Scale: 1" = 10'	Date: November, 1987
	Checked: J. Walmsley Sheet

OVB-87-15



E.H. van Hees Geological Services Inc.

for  
Consolidated Thompson Lundmark  
Gold Mines Limited

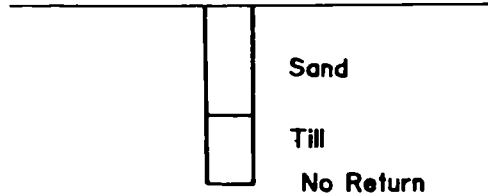
Reverse Circulation Drill Hole

OVB-87-15

Twp/Area: Tisdale		Prov.: Ontario
Mining Div.: Cochrane		Proj.: Bell Lake
References:		N.T.S.:
Drawn: J. Fink	Drafted: J. Fink	Checked: J. Walmsley
Scale: 1" = 10'	Date: November, 1987	Sheet:



OVB-87-16



E. H. van Hees Geological Services Inc.

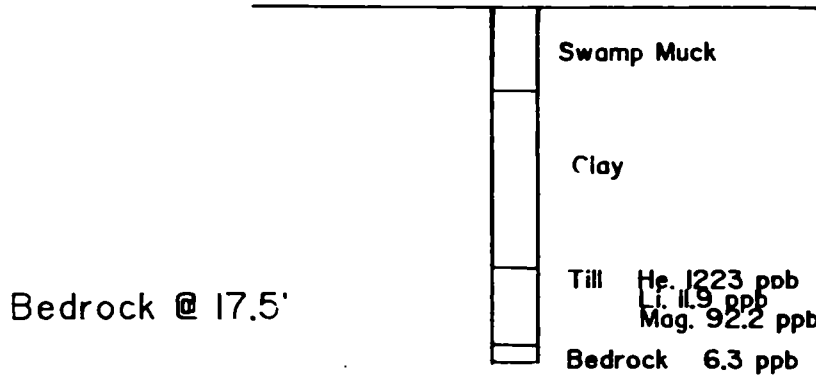
for  
Consolidated Thompson Lundmark  
Gold Mines Limited

Reverse Circulation Drill Hole

OVB-87-16

Twp/Area	Tisdale	Prov.	Ontario
Mining Div	Cochrane	Proj	Bell Lake
References:		N.T.S.:	
Drawn:	J. Fink	Drafted:	J. Fink
Scale:	1:10	Checked:	J. Walmsley
		Date:	November, 1987
		Sheet	

OVB-87-17



E. H. van Hees Geological Services Inc.

for  
Consolidated Thompson Lundmark  
Gold Mines Limited

Reverse Circulation Drill Hole

OVB-87-17

Twp/Area	Tisdale	Prov.	Ontario
Mining Div	Cochrane	Proj.	Bell Lake
References		N.T.S.	
Drawn	J. Fink	Drafted	J. Fink
Scale		Date	November 1987
		Checked	J. Walmsley
		Sketch	



DIAMOND DRILL HOLE RECORD

Diamond Drill Hole Number: CTL-87-01

Project : Bell Lake

Northing : 8+75 S Length: 658'

Easting : 16+00 W

Elevation: Surface

Location: Tisdale Township  
Timmins, Ontario

Tests

N.T.S. :

Depth	Azm.	Dip
Collar	360	-50
300'		-40
600'		-40

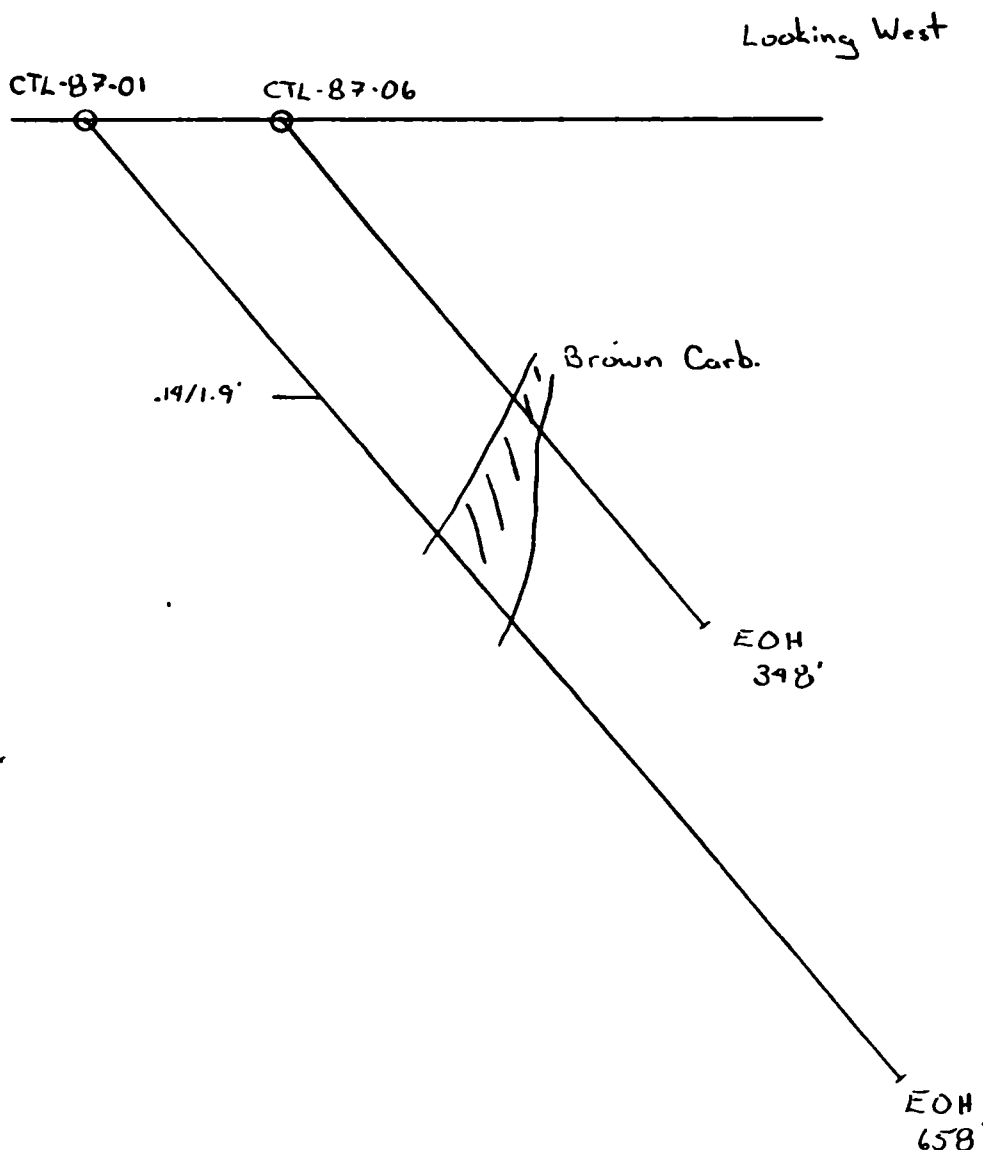
UTM:

Logged By: A. Amos

Purpose: Test high resistivity anomaly, carbonate, zone and grab sample of quartz vein of 0.07 opt.

Comments: Assay of 0.236 opt over 1.9 ft. at 188.8'. Reassay of 0.057 c difference caused by nugget effect. Atomic analysis of 0.062 opt.

Sketch of Diamond Drill Hole Number: CTL-87-01  
Scale: 1"=100'



E. H. van Hees Geological Services Inc.

Project: Bell Lake

Hole No.: CTL-87-01  
 Logged By: A. C. Amos  
 Date: October 1987

Page 1 of 4

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY OPT
0	10.0	Casing					
10.0	278.9	Pillowed Volcanic					
		- light grey green in colour, fine grained, relatively hard except for narrow chlorite/serpentine sections between pillows, locally amygdoloidal, best example, see 52.5'					
		- 24.2 - 28.0 - quartz/carbonate zone, 40%, mainly 20-40 deg CA, 1-2% sulphides, mainly pyrrhotite, best at 25.5' in chl/serp. adjacent to qtz. cb	24.2	28.0	P 887	3.8'	N11
		- 37.7 - 38.5 - pillow margins both 50 deg CA					
		- 48.4 - 1-2" grey/white qtz. vein 55 deg CA	48.0	48.8	P 888	0.8'	N11
		- 53,54, 55 - pillow rims at 40 deg, 20 deg & 55 deg CA resp.					
		- 65.6 - 1" brown carbonate (80%)-qtz (20%) vein 60 deg CA					
		- 80.6 - 82.5 - quartz-carbonate zone, 20-30%, abundant brown tourmaline (dravite) consid. sericite, 2-3% sulphides mainly cpy. some py	80.6	82.5	P 889	1.9'	N11
		- 83.0, 85.0 - pillow rims 40-50 deg CA					
		- 101.8 - 104.1 - quartz-carbonate breccia, 20%, minor suls. mainly: 101.8 - 104.1 : P 890 : 2.3' : N11 pyrr. in chl. serp. adjacent to qtz. cb					
		- 139.6 - 141.0 - 5% qtz. - cb. veining, minor diss. pyrr.	139.6	141.0	P 891	1.4'	N11

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY
10.0	278.9	Continued					
		- 159.8 - 168.0 - quartz-carbonate stringers					
		- 5% quartz-carbonate	159.8	163.5	P 892	3.7'	N11
		- 30% quartz-carbonate, <1% pyrr, patch of sphalerite	163.5	165.5	P 893	2.0'	N11
		- <5% quartz-carbonate	165.5	168.0	P 894	2.5'	N11
		- 180.3 - 181.7 - dark glassy quartz vein, 40%, minor py plus pyrr	180.3	181.7	P 895	1.4'	N11
		- 188.8 - 190.7 - dark grey quartz vein, 60%, 1-2% pyrr	188.8	190.7	P 896	1.9'	.236/.057 [reassay metallic]
		- 205.5 - 206.5 - minor pyrr in qtz cb str. 30-40 deg CA					
		- 228.0 - 233.1 - qtz. carbonate zone					
		- 5-20% qtz-carb	228.0	230.5	P 897	2.5'	N11
		- 30% qtz.-carb <1% pyrrhotite	230.5	233.1	P 898	2.6'	N11
		- 243.5 - 1 1/2" qtz cb (40%) chlorite/sericite sheared 30 deg CA:					
		- 261.0 - brecciated contact 60-70 deg CA					
		- 278.0 - 278.9 - at boundary of > carb. alteration, 1-2% fine pyrr	278.0	278.9	P 899	0.9'	N11
278.9	347.2	- strong brown carbonate, fine grained, uniform as above					
		- 292.0 - 1 1/2" white qtz vein 60 deg CA	291.6	292.5	P 900	0.9'	N11
		- highly altered brown carb	292.5	294.3	M4801	0.8'	N11
		- 10-15% irregular bleby sulphides, pyrite and pyrr.	294.3	295.8	M4802	1.5'	N11
		- 301.0 - 305.5 - Fault Zone? Schistose at 50 deg. CA for first foot, rest of section badly broken					
		- 311.6 - 1/2" qtz vein minor suls, > sericite rest of sample qtz veining, consid. ser., < 1% of suls.	310.5	312.8	M4803	2.3'	N11
		<1% diss. py	314.0	315.8	M4804	1.8'	N11
			322.8	323.8	M4805	1.0'	N11

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY
278.9	347.2	Continued					
		- 311.6 - Continued					
		- 1% diss. py in brown carb volc as above					
347.2	405.3	Massive Andesite					
		- typical green colour, medium grained, contact sharp against 1/2" qtz vein 40 deg CA					
		- numerous narrow qtz cb strcs. 20-30 deg CA (10-15%), 1% py	358.0	359.7	M4807	1.7'	N11
		- 389.7 - 1/2" dark grey qtz veining with ser. plus minor suls, margin of flow?	389.4	390.1	M4808	0.7'	N11
		- 398.0 - 3" white qtz cb vein 40 deg CA, minor py	397.6	398.6	M4809	1.0'	N11
405.3	429.3	Leucoxene Andesite					
		- darker green than above, massive and uniform, abundant white leucoxene very fine at start but becoming coarser along section:					
		- 429.3 - sharp contact 35 deg CA - 1/4" dark grey qtz, abundant sericite					
429.3	608.4	Massive (Andesite) Volcanic					
		- medium grained, medium green, leucoxene increasing down hole					
		- 455.2 - 469.4 - coarse, mottled texture					
		- 460.6 - 2" 20% qtz cb 35 deg CA, abundant sericite					
		- 474.7 - 486.5 - coarse, mottled texture as above, abundant leucoxene					
		- 510.8 - 1/4" py st 45 deg CA, narrow ser/carb strcs.	510.7	512.5	M4810	1.8'	N11
		- 512.4 - py on slip face 90 deg CA					

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY OPT
429.3	608.4	Continued					
		- 523.1 - 2" 30% grey qtz. cb. 40 deg CA					
		- 539.7 - 561.7 distinctive course Leucoxene					
		- 539.7 contact gradational					
		- 550.1 strong 1" talc chl. shear zone (slip) 50 deg CA					
		- 561.7 - 563.3 20-30% white qtz. veining including 5" at 562.2	561.7	563.3	M4811	1.6	N11
		- 606.4 - 608.1 qtz. -epidote zone, light green colour, hard	606.4	608.1	M4812	1.7	N11
608.4	658.0	Leucoxene Andesite as above except leucoxene distinct and more uniformly consistent					
		- 649.4 - 649.8 3" rusty red qtz. epidote zone 50 deg CA, minor suls. > CPY	649.4	649.8	M4813	0.4	N11
		- 656.9 & 6597.7 1" epidote str. 70-80% CA, 1/8" qtz. str. with pyrite in latter.					
		EOH - 658.0					

H. van Hees Geological Services Inc.

For: Consolidated  
Thompson  
Lundmark  
Gold Mines Limited

DIAMOND DRILL HOLE RECORD

Diamond Drill Hole Number: CTL-87-02

Project : Bell Lake

Northing : 8+00 S Length: 817'

Easting : 12+00 W

Elevation: Surface

Location: Tisdale Township  
Timmins, Ontario

N.T.S. :

UTM:

Tests		
Depth	Azm.	Dip
Collar	360	-50
300'		-44
600'		-45

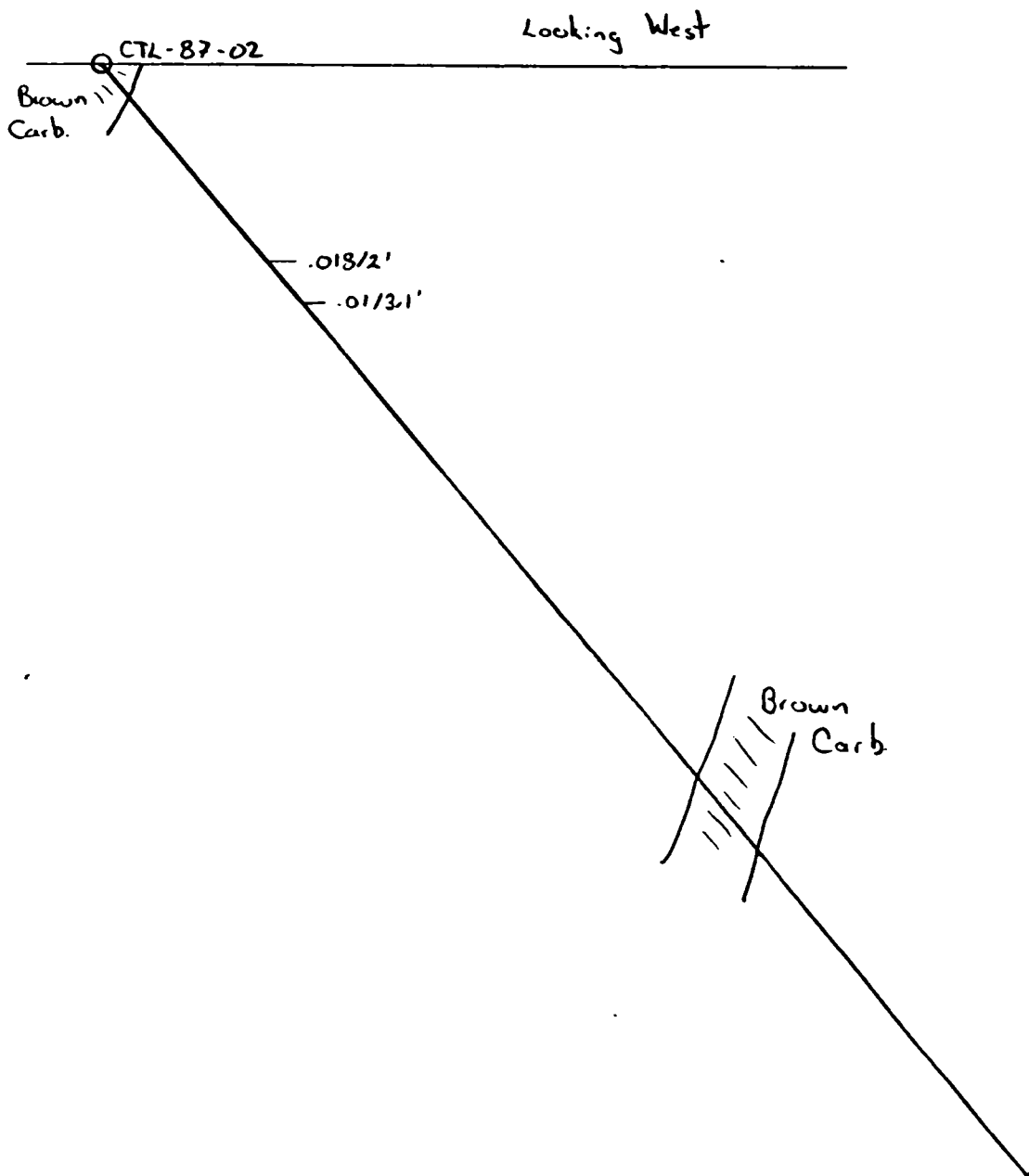
Logged By: J. Walmsley

Purpose: To test high resistivity anomaly on strike from hole  
CTL-87-01 and south carbonate zone. Extended to  
test north carbonate zone.

Comments: No appreciable results. Both carbonate zones tested.

---

Sketch of Diamond Drill Hole Number: CTL-87-02  
Scale: 1"=100'





E. H. van Hees Geological Services Inc.

Project: Bell Lake

Hole No.: CTL-87-02  
 Logged By: J. Walmsley  
 Date: Oct. 1987

Page 1 of 5

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY OPT
0	6	Overburden					
6	255	Andesite (Massive?, pillowed?)	6	9.5	P 801	3.5	.005
		- med grey-green, med to fg, fairly hard, if pillowed, selvages indistinct over upper 15'	9.5	11.75	802	2.25	.004
		- mod strong, spotty to perv brown carb alt'n (quick reaction to HCL)	11.75	15.5	803	3.75	.002
		- weak to mod fract, fract carb & qtz/carb filled, pred 30 deg tca	15.5	18.0	804	2.5	.002
		- 15% to 20% qtz/carb stringers over upper 40' with subhed to euhedral, med to fg dissem py in stringers, 3% py overall	18	21.9	805	3.9	.002
		- slight bleaching of host along stringer contacts (pillow selv.?)	21.9	24.9	806	3.0	.005
		- carb grades to weak & spotty below 41', grades darker green & mg	28	31	807	3.0	.001
		- 67.3-67.8- gv, 60 deg tca, no visible min	37	41	809	4.0	.002
		- 5% to 10% tan carb, pred along fract	46.1	48.8	810	2.7	nil
		- strong chl alt'n along UC, minor sericite	66.5	69	811	2.5	.006
		- grades to med-coarse grained, minor local amygdules					
		- minor mg to fg dissem py & py patches					
		- grades in and out of dark grey (graphitic?), mod strong perv carb: sections					
		- 141-146- fg chl patches & stringers in cg volcanic (poss. indicating near flow bottom ?)					
		- 153.3-158.5- 25% qtz stringers & silicified sections	152.9	155.5	813	2.6	.003
		- main gv 158-158.3, 60 deg tca	155.5	158.5	814	3.0	.002
		- very minor fg dissem py assoc with qtz					
		- contacts & silicified sections weakly sericitic					
		- weak assoc carb					

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY OPT
6	255	- continued					
		- 167-167.7- as described 153.3-158.5 - no visible min.	166	167.5	P 815	1.5	.005
		- 173-173.5- 2 qtz/carb veinlets, obtuse to one another - upper veinlet 45 deg tca, bottom 55 deg tca rotated about 60 deg around the core axis - minor cpy in upper vein, minor py in lower					
		- 178-182- 25% qv & veinlets, 60 deg tca - 3" vein @ 178.4, 30% wispy chl stringers & inclusions, minor carb, minor cpy patch - weak sericite alt'n - carb becomes strong towards bottom of section	177.5	180.6	816	3.1	.010
		- 1% cg dissem py & py patches below above section	180.6	182.8	817	2.2	.002
		- 215.8-216- qtz/carb vein, carb slightly tan - <1% vvfq dissem py along UC	182.8	186	818	3.2	.006
		- strong perv carb alt'n below 220', core slightly grey colour	226.3	230	820	3.7	n11
		- qtz/carb veinlets @ 227.5 & 229.5, rust carb stained	230	233.3	821	3.3	n11
		- carb locally as lath shaped "crystals", up to 15%, dissem. - carb grades to weak by 335'	233.3	235.3	822	2.0	n11
		- 241-243- qv, 30 deg tca - milky-white, minor carb along fract - weak sericite patches, minor fg black tourmaline	241.25	243.3	823	2.05	n11
		- 245.3-245.5- irreg qtz veinlet, 45 deg tca - very minor dissem py in hanging wall	243.3	245.3	824	2.0	n11
255	280	- Tuff? grades to fg from above, poss tuff, minor relict clasts - weak perv carb, slow reaction to HCl, mod hard					

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY
255	280	- continued					
		- 273.3-273.5 - core quite broken, rust ank stained	271.25	273.75	P 825	2.5	.023
		- qtz/carb stringer through center of ank alt'n					
		- mg subhed py in fw					
		- grades to strong perv carb below 280', minor dissem py & po patches					
		- grades to mg and quite hard (barely scratches with knife)					
		- "clasts" grade out					
280	685	Massive (Leucoxene) Andesite					
		- grades from above, locally up to 5% leucoxene-strong perv carb					
		- 324.5-324.8 - qv, 40 deg tca, barren	322.5	325.8	826	3.3	nil
		- carb grades out below 468'	350.25	352.4	827	2.15	nil
		- 504.7 - qtz/carb veinlet, irreg att'd	356.75	359.7	828	2.95	nil
		- minor weak sericite along contacts	359.7	362.9	829	3.2	nil
		- chl. alt'n grades stronger, particularly along fract.	362.9	366.2	830	3.3	nil
		- minor local qtz/carb stringers, pred 45 deg & 30 deg tca,	366.2	367.2	831	1.0	
		<5% overall	380.6	381.9	832	1.3	.007
		- 568.3-568.9 - qtz/sericite veinlet, 30 deg tca	381.9	383	833	1.4	nil
		- 15% mg sericite	409.1	410.2	834	1.1	nil
		- <1% mg dissem py in fw	449.75	451.25	835	1.5	nil
		- carb grades alternately between strong & perv and weak & spotty	452.25	453.5	836	1.25	nil
		- 613.3-613.7 - qtz/carb vein, 40 deg tca	470	470.7	837	0.7	.002
		- carb slight pink tinge					
		- <1% py patches	479.25	480	838	0.75	nil
		- 645.4-645.6 - qv, 30 deg tca, minor fg dissem py in fw	500.25	501	839	0.75	nil
		- minor, very weak sericite along UC					

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY
:	:	:	:	:	:	:	OPT
6	685	-continued	505.6	506.4	P 840	0.8	nil
		- chl alt'n grades to mod	511	511.8	841	0.8	nil
685	690	Flow Top Breccia	525.5	526.5	842	1.0	nil
		- aphan, med grey-green, angular to subrounded clasts, often with hyalocrystalline rims	531.4	532.3	843	0.9	nil
		- mod, perv carb alt'n	563	564.6	844	1.6	nil
		- local mg to cg dissem, euhedral to subhedral py & py patches	564.6	565.8	845	1.2	nil
690	817	Massive Andesite	568	569.1	846	1.1	nil
		- fg, med hardness, med grey-green	569.1	570.3	847	1.2	nil
		- locally amygdaloidal over upper 20'	570.3	571.7	848	1.4	nil
		- minor local varloles	579.4	580	849	0.6	nil
		- grades from above unit	599.7	600.4	850	0.7	nil
		- aphan grading to fg	613	614	851	1.0	.004
		- minor local silicified sections with <1% dissem py & py patches	625.8	627.5	852	1.7	nil
		- minor qtz/carb veinlets, <5%, 20 & 40 deg tca	627.5	629.4	853	1.9	nil
		- mod llnation, elongation of varloles below 768' along plane 40 deg tca	633.25	634.1	854	0.85	nil
		- 774-778- strong silicified section, light grey-green colour (epidotized)	639.5	640.5	855	1.0	.004
		- can't be scratched with a knife	645.1	646	856	0.9	nil
		- gv @ 775', 1" thick, 40 deg tca, weak sericite	659.7	660.5	857	0.8	nil
		- 781.7-782.3- qtz/sericite veinlet, irreg	670	673	858	3.0	nil
		- 10% sericite, cg flakes					
		- minor py patches in fw					
		- 789- gv as described above					
		- 40 deg tca					
		- 797-798.7- 40% irreg gv with 20% sericite and 40% silicified host					
		EOH 817'					

FROM	TO	SAMPLE NO.	LENGTH	ASSAY OPT	ASSAY OPT	ASSAY OPT	ASSAY OPT	ASSAY OPT	ASSAY OPT
677.5	679.3	P 859	1.8						
687.4	689.75	860	2.35						
689.75	691.5	861	1.75						
693	695.9	862	2.9						

J. H. van Hees Geological Services Inc.

For: Consolidated  
Thompson  
Lundmark  
Gold Mines Limited

DIAMOND DRILL HOLE RECORD

Diamond Drill Hole Number: CTL-87-03

Project : Bell Lake

Northing : 1+00 N      Length: 355'  
Easting : 11+00 W  
Elevation: Surface

Location: Tisdale Township  
Timmins, Ontario

N.T.S. :

Tests		
Depth	Azm.	Dip
Collar	360	-50
200'		-50

UTM:

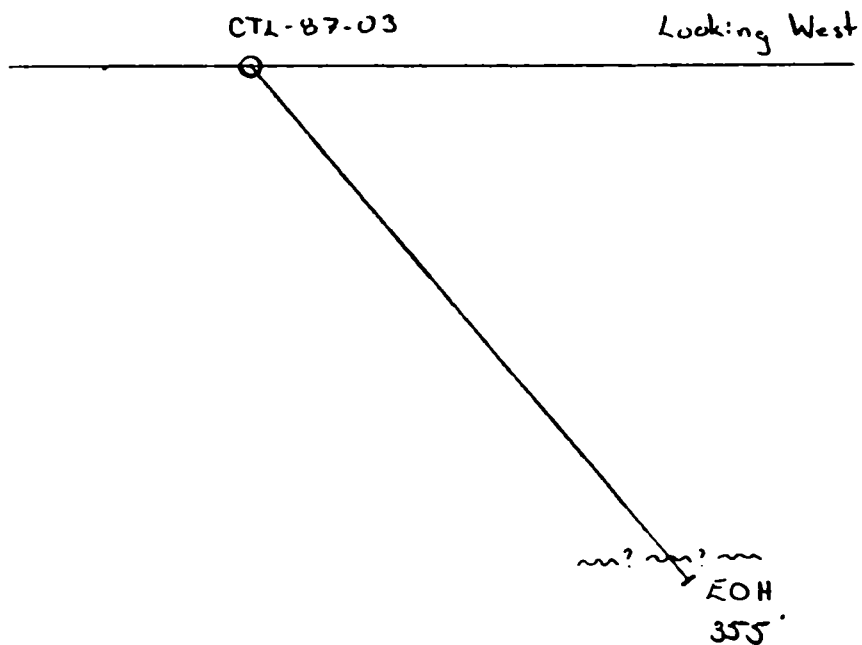
Logged By: J. Walmsley

Purpose: To test high resistivity anomaly south of lake and  
RCD value.

Comments: Intersected weakly conductive, graphitic fault  
near EOH.

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Sketch of Diamond Drill Hole Number: CTL-87-03  
Scale: 1"=100'



E. H. van Hees Geological Services Inc.

Project: Bell Lake

Hole No.: CTL-87-03  
 Logged By: J. Walmsley  
 Date: October 1987

Page 1 of 3

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY
0	9	Overburden					
9	355	Leucoxene Andesite					
		- mg with 15% leucoxene porphyroblasts up to 1/10"					
		- med dark grey-green	33	35	M1001	2.0	Tr
		- mod. chl. alt'n, mod hard					
		- leucoxene gen equi-crystalline though locally linedated and elongated 30 deg tca					
		- core mod broken, strongly broken in spots					
		- weak spotty carb					
		- 5% qtz/carb stringers gen 30 deg to 40 deg tca; eg. at 35 feet					
		- minor py patches assoc with stringers					
		- 57.9 - 58.1 - irreg qtz/carb vein	57	59	M1002	2.0	N11
		- <1% fgd py along UC					
		- 72.8 - 73 - qtz/carb vein, offset along plane parallel tca	71	74	M1003	3.0	N11
		- <5% chl stringers, irreg					
		- 108.5 - 109.2 - qtz/carb vein, 20 deg tca	108	110	M1004	2.0	N11
		- 25% chl incl					
		- 1% fg py & py patches near LC	154	156	M1005	2.0	N11
		- hairline red hem? seam along LC					
		- carb grades to mod, spotty below 150'					
		- leucoxene locally grades out					
		- minor local hem staining with chl alt'n on fract. slips					
		- 195 - 208 - core mod broken					
		- 10% qtz/carb patches & irreg stringers					
		- minor mgd subhed py cubes in host					

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY OPT
9	355	Continued					
		- py in host minor, often appears to be replacing leucoxene porphyro's	228	233	M1009	5.0	.002
		- 239 - qtz/carb veinlet, 3/4" thick, 35 deg tca	238	240	M1006	2.0	N11
		- carb as irreg shaped, "variolitic-like", rimmed by chl and very fg py patches					
		- 1% py					
		- 278.3 - 278.9 - 40% qtz "patch"	278	279	M1007	1.0	Tr
		- 3% sulphides, pred py rimming qtz patch & dissem in host					
		- py vvfeg					
		- minor cpy patch in qtz					
		- 288.5 - 288.9 - aphan, mafic dykelet, 45 deg tca					
		- thin contact metamorph of fw					
		- 1% cg py patches					
		- mod hard with more chl rich veinlets concord to contacts					
		- strong perv. carb below 300', weakly graphitic producing light-grey colour	293	298	M1008	5.0	Tr
		- also becomes strongly fract, gen. qtz/carb filled					
		- 324 - 324.5 - qv, 45 deg tca	323	326	M1026	3.0	Tr
		- no visible min	328	333	M1027	5.0	N11
		- 334.8 - 337.9 - strongly sheared, 50 deg tca					
		- <5% qtz/carb patches					
		- strongly chl alt'd					
		- becomes weakly graphitic towards bottom of section					



FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY
9	355	Continued					
		- 338 - fault gouge, 50 deg tca					
		- strongly chl alt'd					
		- mod graphitic on fract surfaces					
		- graphite very weakly conductive					
		- 347.3 - 347.6 - qtz/carb vein, 45 deg tca	346.5	348.5	M1021		Nil
		- minor py patches					
		- 351.5 - 351.9 - mafic dykelet as prev described					
		EOH 355'					

E. H. van Hees Geological Services Inc.

For: Consolidated  
Thompson  
Lundmark  
Gold Mines Limited

DIAMOND DRILL HOLE RECORD

Diamond Drill Hole Number: CTL-87-04

Project : Bell Lake

Northing : 1+25 S    Length: 538'  
Easting : 19+75 W  
Elevation: Surface

Location: Tisdale Township  
Timmins, Ontario

N.T.S. :

UTM:

Tests		
Depth	Azm.	Dip
Collar	360	-45
300'		-37
538'		-41

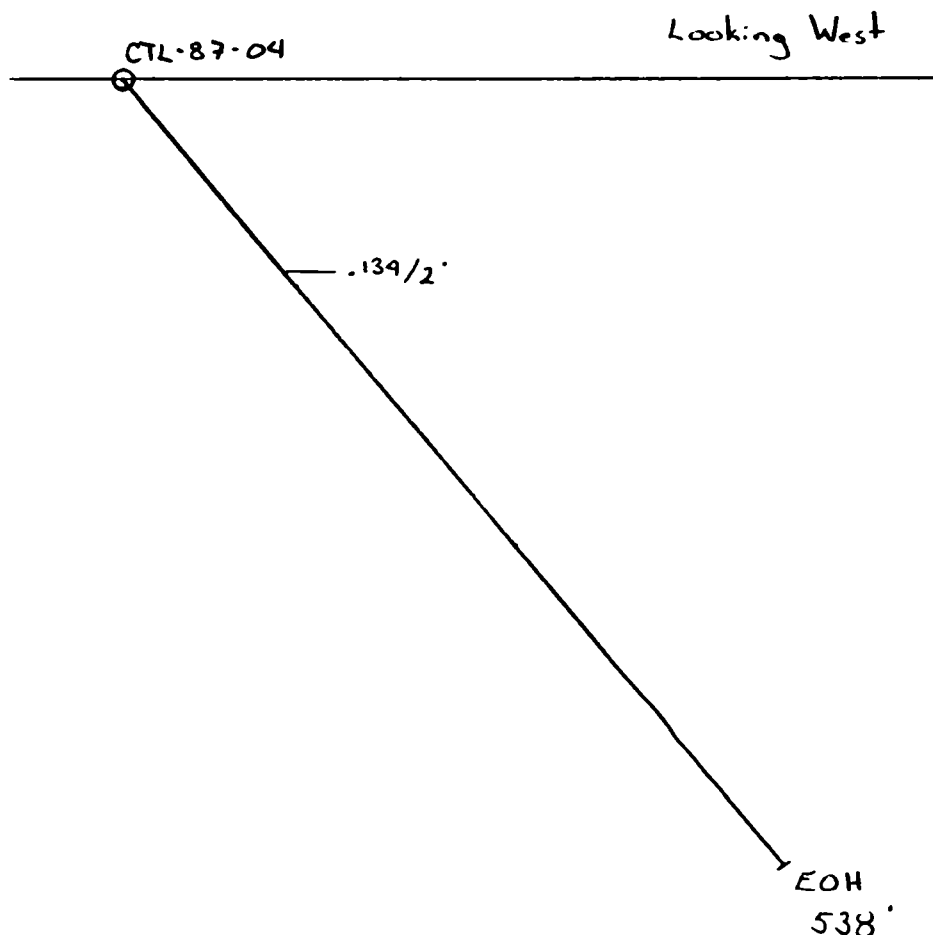
Logged By: J. Walmsley

Purpose: To test IP anomaly and RCD value.

Comments: Some fairly significant quartz veining. Graphitic alteration near EOH. Some conductive pyrite stringers. Faulting. Fairly consistent trace gold values with quartz veining.

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Sketch of Diamond Drill Hole Number: CTL-87-04  
Scale: 1"=100'



E. H. van Hees Geological Services Inc.

Project: Bell Lake

Hole No.: CPL-87-04  
 Logged By: J. Walmsley  
 Date: October 1987

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FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY
0	27	Overburden					
27	160	Massive Andesite					
		- mg, med grey, mod hard					
		- core quite broken over upper 40'	38	43	M1010	5.0	Tr.
		- mod - strong perv carb alt'n, readily reacts to HCL	48	53	M1011	5.0	N11
		- 15% irreg. discontln qtz/carb stringers, pred att'd 45 deg tca	63	68	M1012	5.0	Tr.
		- <1% mg dissem py assoc with stringers, gen localized up to 2% over a few inches					
		- local <1" thick silicified sections with weak chl and sericite alt'n					
		- fg py patches assoc with silicified sections					
		- 70.7 - 71.1 - <5% qtz/carb stringers, irreg	70	72	M1013	2.0	N11
		- 1% cpy patches					
		- 90 - 92 - 5% mg leucoxene phenos	83.5	88	M1014	4.5	N11
		- 95.4 - qtz/carb veinlet 75 deg tca with slight reddish tinge					
		- 102.5 - 103.2 - 30% qtz/carb patches and stringers	102	105	M1015	3.0	N11
		- 1% cpy patches in qtz/carb					
		- minor py, rimmed by cpy					
		- 105.5 - 106.2 - 2" thick gv breccia, 25 deg tca					
		- 50% ang host frags					
		- pred qtz matrix					
		- 120.1 - 120.5 - irreg qtz/carb veinlet, subparallel tca	119	121	M1016	2.0	N11
		- carb slight orange tinge	121	125	M1017	4.0	N11

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY OPT
27	160	Continued					
		- 120.1 - 120.5 - Continued	125	127	M1018	2.0	.134
		- 1% fg py patches	127	132	M1019	5.0	Tr.
		- 125.5 - 126.5 - qv, 45 deg tca					
		- 5% carb along fract					
		- 10% incl as stringers					
		- 1% py patches with incl					
		- strong sericite patch in fw, mg					
		- strong chl alt on fract slips poss some graphite					
		- 136.7 - qtz/carb/sericite veinlet, 45 deg tca	136	137	M1020	1.0	Tr.
		Leucoxene Andesite	158	163	M1022	5.0	Tr.
		- grades into 5%, fg leucoxene flecks below 160'					
		- carb grades too weak, spotty below 178', colour becomes dark-grey green					
		- core quite broken below 180'	168	172	M1023	4.0	Tr.
		- 173.0 - 173.2 - qtz/carb vein, 45 deg tca	172	174	M1024	2.0	Tr.
		- carb orangey					
		- very minor py					
		- 182 - strong hem stringer in qtz/carb stringer, sub-parallel tca	180	183	M1025	3.0	Tr.
		- 190.5, 195 and 200.6 - as above with minor py patches	190.5	195	M1028	4.5	Tr.
			195	198	M1029	3.0	Tr.
			198	203	M1030	5.0	Tr.
		- 210.1 - 1/4" qtz/hem/py veinlet, 40 deg tca	210	211	M1031	1.0	Tr.
		- py as continuous stringers, mod-weak conductive					
		- 218.5 - 219 - 40% qtz/carb filling fract no pred att'd.	218	220	M1032	2.0	Tr.
		- <1% sulphides, py > cpy, fg					

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY
27	160	Continued					
		- 218.5 - 219 - Continued					
		- weak hem staining					
160	263	- 238 - 3/4" qtz/carb veinlet, 40 deg tca	228	233	M1033	5.0	Tr.
		- minor hem	233	238	M1034	5.0	Tr.
		- minor cpy, py					
263	380	Massive Andesite	262	264	M1035	2.0	Tr.
		- as prev described green					
		- poss faulted at contact	275	278.5	M1036	3.5	Tr.
		- core too broken for alt'd of contact					
		- fg med dark grey mod soft					
		- strong perv carb alt'n					
		- 5-10% qtz/carb stringers gen 45 deg tca					
		- 298 - 299 - 50% silicified section 20 deg tca	297	299.5	M1037	2.5	Tr.
		- 3% vfgd py, very minor mgd py patches	299.5	301	M1038	1.5	Tr.
		- mod chl alt'n. strong on fract. slips	318	323	M1039	5.0	Tr.
		- grades into <5% leucoxene	323	328	M1040	5.0	Tr.
		- 5-10% qtz/carb filled fract. as before					
		- minor hem staining on fract. slips					
		- 337 - 337.1 - qtz/carb veinlet, 65 deg tca	336	338	M1041	2.0	N11
		- <1% hem along UC					
		- 1% vfgd py	353	354	M1042	1.0	N11
380	382	Variolitic Flow Top					
		- dark grey, aphan, mod hard, UC 20 deg tca					
		- mod-weak perv. carb					
		- varioles often coalesced					
		- minor cg py patches					
J2	387	Pillow Breccia					
		- pillows aphan to fg, variolites are amygd					

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY OPT
382	387	Pillow Breccia - Continued					
		- amygdules qtz/calc filled					
		- 1-2% py patches pred in interpillow qtz/calc					
		- weak, spotty carb					
		- 2% hem staining of fract					
		- fract. gen 45 deg tca					
387	453.5	Massive Andesite					
		- med green fg grading coarser					
		- mod soft, weak spotty carb					
		- minor qtz/calc filled amyg					
		- <1% py patches and mg to cg dissem					
		- carb grades strong below 420'					
		- colour grades to light grey-brown below 420' due to carb					
453.5	488	Graphitic Volcanic Breccia					
		- fg, weakly graphitic, weak spotty carb, dark grey	453	458	M1043	5.0	N11
		- local more massive; grey-green sections	458	459.6	M1044	1.6	N11
		- breccia frags faint dark grey in darker grey graphitic matrix	459.6	460.4	M1045	0.8	N11
		- no response to voltmeter	460.4	461.5	M1046	1.1	N11
			461.5	469	M1047	7.5	N11
			469	470	M1048	1.0	N11
		- 459.6 - 461.5 - 60% qv's in 2 veins, 45 deg tca					
		- specular hem crystal in upper vein, minor py					
		- upper vein 70% qtz, 30% silicified host					
		- lower vein 90% qtz, fw silicif, minor sericite					
		<1% dissem py near fw contact in qtz					
		- graphite grades out					
		- LC marked by graphitic fault gouge 70 deg tca					
488	538	Massive Andesite					
		- grades from above, fg, quite hard	498	500	M1049	2.0	N11
		- weak graphitic on fract slips					
		- very weak spotty carb to 513' then grades to mod perv	510	513	M1050	3.0	N11
		- colour grades to med-dark green with increase in carb					
		E.O.H. - 538'					

J. H. van Hees Geological Services Inc.

For: Consolidated  
Thompson  
Lundmark  
Gold Mines Limited

DIAMOND DRILL HOLE RECORD

Diamond Drill Hole Number: CTL-87-05

Project : Bell Lake

Northing : 6+00 N Length: 695'

Easting : 20+00 W

Elevation: Surface

Location: Tisdale Township  
Timmins, Ontario

N.T.S. :

UTM:

Tests

Depth	Azm.	Dip
Collar	360	-45
308'		-41.5
618'		-45

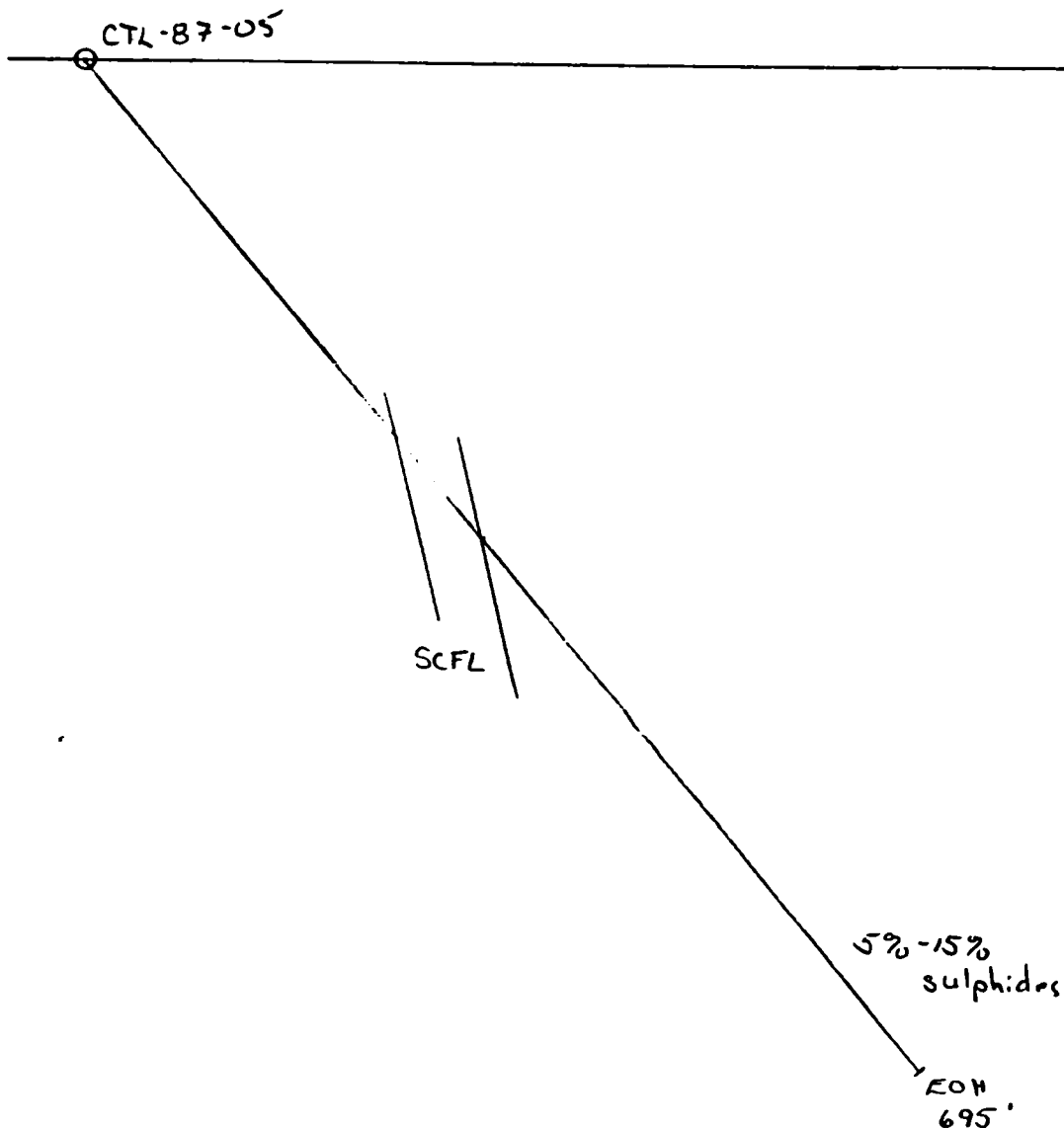
Logged By: J. Walmsley

Purpose: To test resistivity high and IP anomalies.

Comments: 10% sulphide mineralization over bottom 60 to 100 feet with some weak gold values.

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Sketch of Diamond Drill Hole Number: CTL-87-05  
Scale: 1"=100'



E. H. van Hees Geological Services Inc.

Project: Bell Lake

Hole No.: CTL-87-05  
 Logged By: J. Walmsley  
 Date: November 10, 1987

Page 1 of 6

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY
0	13.5	Overburden					
13.5	21	Subcrop - Leucoxene Andesite					
21	37	Sand					
37	96	Massive Leucoxene Andesite					
		- med. dark grey to grey-green colour					
		- grey due to graphite					
		- fg to mg with 15% fine leucoxene porphyroblasts					
		- fairly hard, hard to scratch with knife					
		- weak perv. carb, quick reaction to HCL					
		- core mod broken to 78'					
		- mod. fract locally strong, att'd. gen 40 deg tca & subparallel tca					
		- fract filled with hard black fg material, graphite & qtz (?)					
		- 5% qtz/carb veins & veinlets below 68', 50 deg and 75 deg tca					
		- carb in qv's reacts quickly to HCL, has slight brown tinge					
		- 50 deg veins cross-cut graphite filled fract's					
		- veining often graphitic with strong graphite along contacts					
		- minor mineralization, py & cpy assoc. with veins					
		- 69.8 - 70.5 - 40% qv's as described in 2 veins	69	71	M1069	2.0	
		- 1 patch cpy in qtz in lower vein, minor py in stringer in fw of lower vein					
		- grades to med cg, med green, leucoxene grades coarser					
96	108	Massive Andesite					
		- contact with above broken, quick change from med cg to fg and lacking leucoxene					
		- slight brownish tinge due to mod perv carb					
		- mod fract, qtz graphite filled oriented as before					



FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY
96	108	- continued					
		- qtz/carb stringers <5%, 50 deg tca, rotated 90 deg around ca from: fract					OPT
		- 100.6 - 101.2 - upper 1/2 qtz/carb vein, 50 deg to 60 deg tca					
		- lower 1/2 qtz/graphite					
		- oriented along graphite fract plane					
		- qv 15% chl alt'd inclusions					
		- qtz/graphite vein, 10% host frags					
		- weak shearing wraps around frags					
		- possibly fault or shear zone					
		- 2-3% py patches in qtz/graphite					
		- <5% qtz/carb stringers cut everything including sulphide patches 50 deg tca as described above					
		- 102 - 104 - 4% qtz/graphite filled fract. & minor py patches in qtz/graphite					
		- 5% qtz/carb stringers @ start of section cross-cutting plane of fract, weakly graphitic	98	100.5	M1070	2.5	
		- 105.8 - 107.1 - graphitic shear zone from 105.8 - 106.1	100.5	101.2	M1071	0.7	
		- approx. 20 deg tca oriented to fract	101.2	105.2	M1072	4.0	
		- 10% sulphides in shear zone as stringers, mod. conductive - sulphides po=py	105.2	106.2	M1073	1.0	
		- fw weakly silicified with 4 indistinct qtz/carb/graph veinlets with minor assoc sulphides	106.2	108	M1074	1.8	
		- veinlets 50' tca rotated 90 deg around ca from shear plane					
108	262	Massive Leucoxene Andesite					
		- med grained grading to cg					
		- 10-15% leucoxene					
		- grades from above					
		- brown colour grades out & carb becomes weak & spotty by 118'	116	117	M1075	1.0	
		- 124 - 126 - core broken & pitted					
		- weak chl. alt'n.					

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY OPT
108	262	- continued					
		- 124 - 126 - minor red patches, hematite					
		- core light green, mottled to 140'					
		- grades to brownish tinge, mod. perv carb					
		- 5% qtz/carb/graphite veins, 35 deg tca with accompanying host silicified					
		- gv's often talcy along contacts with also graphitic or black tourm stringers along contacts	145	146.5	M1076	1.5	
		- minor assoc sulphides	146	148	M1077	1.5	
		- examples @ 145.8, 147, 158, 160, 166.0, 168.6, 181	153	158	M1078	5.0	
		- leucoxene often lined around gv's, 50 deg tca	158	161	M1079	3.0	
		- more strongly graphitic 155' - 172.3, sharp LC, 30 deg tca, no graphite below	161	166	M1080	5.0	
			166	168.5	M1081	2.5	
			168.5	169.2	M1082	0.7	
			169.2	174.2	M1083	5.0	
		- 168.5 - 169.1 - qtz/carb vein, 30 deg tca					
		- hairline black tourm (?) stringer along UC					
		- 15% talcy incl. sheared concord to gv					
		- 1% vfg cpy along and near UC					
		- <1% po, minor py					
		- minor pv in hw					
		- 197.1 - 197.4 - rip-up cobble or alteration ?	180	180.6	M1084	0.6	
		- sharp irreg contacts, about 90 deg tca					
		- fg in cg host, med grey-green					
		- fairly soft in fairly hard host					
		- lacks leucoxene					
		- strong perv carb, has mod perv carb, fw, no carb					
		- 5% qtz/carb veinlets and stringers below 200'					
		- weak spotty carb below 198'					
		- cg, 15% leucoxene					
		- mod weak chl alt'n, strong along fract. slips, minor red staining with chl on fract					
		- other carb alt'd sections as described in 197.7 - 197.4 at 212.3, 213.3, 227.7					

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY
108	262	- 251.1-252.1 - core quite broken, shear zone ? subparallel tca - 15% qtz with 5% massive sulphide stringers concord to shearing in shearing and qtz - sulphides strongly oxidized in shearing, fresh in qtz, py in qtz - mid graphitic along shear planes	251	252.2	M1085	1.2	
262	336.8	- 260.9 - 261.3 - irreg qtz/carb stringer subparallel tca - 3% py patches	260.8	262	M1086	1.2	
262	336.8	Spherulitic Chickenfeed Lava (Variolitic Flow) - med green, fg to crystalline - upper 3.5' pillow or flow top breccia - UC broken, possibly 30 deg tca, contact strongly chloritic - 5% to locally 15% qtz/calc stringers & patches - <5% amygdules over upper 25', <1% below, qtz/carb filled - grades from breccia to hyaloclastite to spherulitic & hyaloclastite - general lineation of hyaloclastic frags and spherules 35 deg tca - spherules & hyaloclastite locally absent - minor local irreg qtz veinlets concord to lineation with minor fgd py in qtz, eg @ 278.2 - <5% mod. brown carb patches eg @ 292, with 5% dissem po - <1% po and py overall - sharp LC 25 deg tca	278	280	M1087	2.0	
336.8	630.8	Massive Andesite - aphan grading to fg - light apple green grading to med grey-green - upper 15' finely fract, discontn. gen. 50 deg tca becoming more randomly oriented by end of section	321	322	M1089	1.0	
			325.5	326.5	M1090	1.0	
			329.5	330.5	M1091	1.0	
		- 339.6 - 1" qtz/carb vein, 50 deg tca	335	336	M1092	1.0	N11
		- 20% chl stringers	339.1	340.1	M1093	1.0	N11
		- 1% py in qtz/carb, minor in hw					

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY OPT
336.8	630.8	- continued					
		- 346.2 - 346.8 - qtz/carb alt'd patch, similar to above with sharp contact but very irreg					
		- <1% fgd py & py patches					
		- <5% qtz/carb veinlets below above, 50 deg & 85 deg tca, very little visible mineral					
		- 411.7 - qtz/carb stringers with 1/4" silicified fw, 50 deg tca	411.5	412.5	M1094	1.0	N11
		- 1% po with 3% py					
		- 416.6 - 417 - qtz/cb vein 50 deg tca					
		- qtz slight purple tinge	416	418	M1095	2.0	N11
		- minor py in qtz					
		- 1% py patches over 6" in fw					
		- below 430' to 473', 5-7% qtz/cb veinlets, stringers & silicified carbonatized sections, pred 50 deg tca, py assoc with qv's					
		- 440.2 - 440.7 - 30% qv's in 2 veins, 50 deg tca	440	441	M1096	1.0	N11
		- strong chl. alt'n along contacts					
		- 3-5% fg py as discontin stringers & dissem					
		- 1% dissem po					
		- grades to mg					
		- 531.9 - 532.7 - silicified section, 20% carb with pink tinge	531.9	532.7	M1097	0.8	N11
		- very minor fg dissem py					
		- irreg, indistinct qv at LC					
		- some qtz stringers subparallel tca from 540 to 575, rotated 90 deg around the ca from 50 deg stringers					
		- carb grades to mod, perv by 600'					
0.8	695	- pillowed Andesite					
		- UC, 40 deg tca					
		- carb alt'n absent below contact					
		- pillows & pillow breccia, fg to aphan, amygdaloidal, qtz/cb filled:					

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY
630.8	695	- continued					
		- locally strong chl alt'n					
		- >5% sulphides in interpillow qtz/cb, veinlets & shear/breccia zones, and fgd in pillows					
		- sulphides as dissem patches & stringers					
		- po >py in interpillow material, py >po overall					
			628	631	M1098	3.0	N11
		- 647 - 648 - silicified shear, 35 deg tca	631	632	M1099	1.0	N11
		- 35% qtz. & qtz/carb veinlets concord to shearing, near LC	632	635	M1100	3.0	N11
		- 25% sulphides, py > po pred hw as dissem patches	635	638	M4814	3.0	N11
			638	643	M4815	5.0	N11
			643	646	M4816	3.0	N11
		- 649.2 - 650.9 - fault zone	646	648	M4817	2.0	.003
		- upper 1/2' 35% massive py patches, minor cg subhed py cubes, no po	648	649	M4818	1.0	N11
		- UC strongly silicified over 1" with 3% vfgd py	649	651	M4819	2.0	N11
		- 10% py patches over bottom 1.2' in matrix and partially replacing frags	651	654	M4820	3.0	.007
		- bottom section actual annealed fault zone with clasts up to 1/3"	654	656	M4821	2.0	N11
		- mod to strong chl alt'n	656	658	M4822	2.0	N11
		- clasts gen elongated 35 deg tca	658	660	M4823	2.0	.003
		- 20-25% py overall	660	663	M4824	3.0	.008
			663	668	M4825	5.0	N11
		- <1% sulph overall below 678'	668	673	M4826	5.0	N11
		- chl alt'n grades to mod.	673	678	M4827	5.0	N11
			678	683	M4828	5.0	.008
		E.O.H. - 695'					

J. H. van Hees Geological Services Inc.

For: Consolidated  
Thompson  
Lundmark  
Gold Mines Limited

DIAMOND DRILL HOLE RECORD

Diamond Drill Hole Number: CTL-87-06

Project : Bell Lake

Northing : 7+75 S Length: 348'

Easting : 16+00 W

Elevation: Surface

Location: Tisdale Township  
Timmins, Ontario

N.T.S. :

UTM:

Tests		
Depth	Azm.	Dip
Collar	360	-50
348'		-41

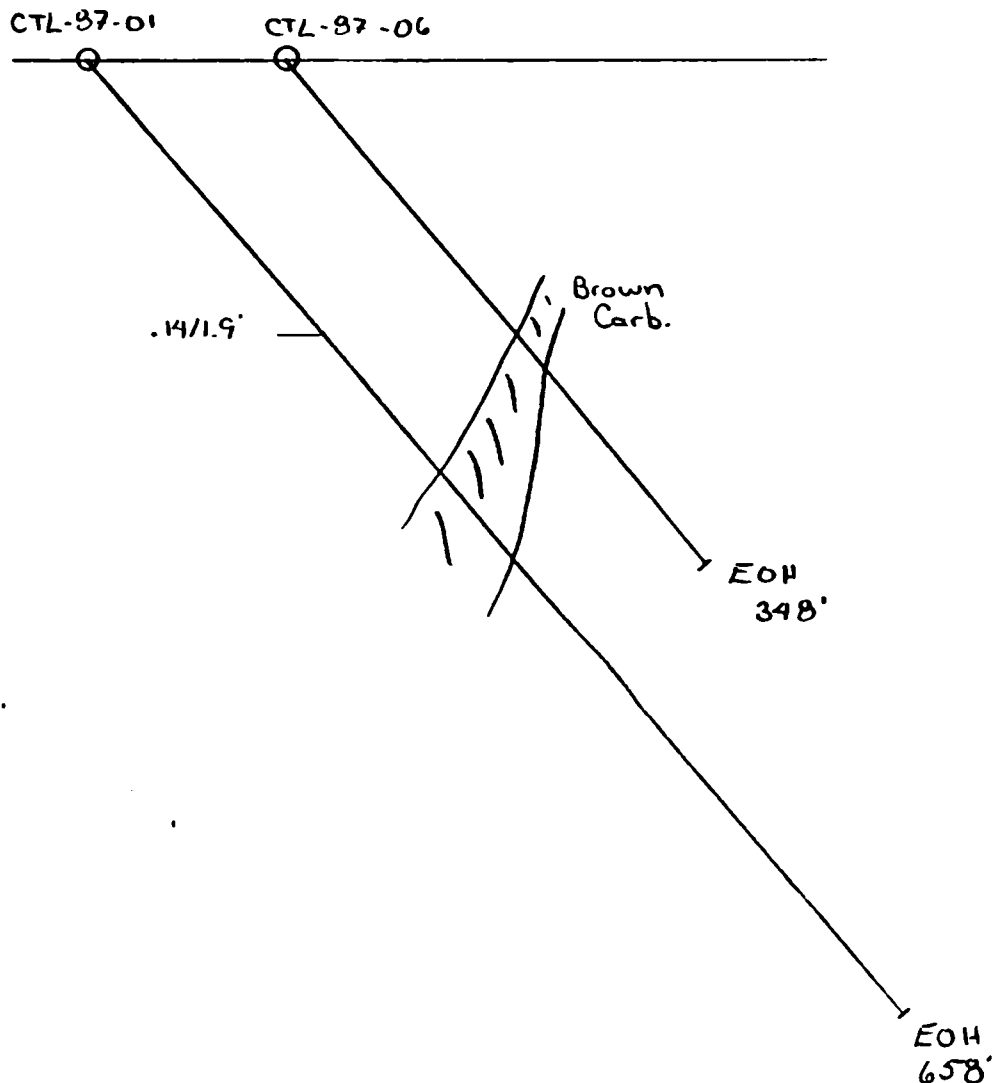
Logged By: J. Walmsley

Purpose: To test up dip of value in hole CTL-87-01

Comments: No significant results. Brown carbonate zone intersected.

---

Sketch of Diamond Drill Hole Number: CTL-87-06  
Scale: 1"=100'



E. H. van Hees Geological Services Inc.

Project: Bell Lake

Hole No.: CTL-87-06  
 Logged By: J. Walmsley  
 Date: October 1987

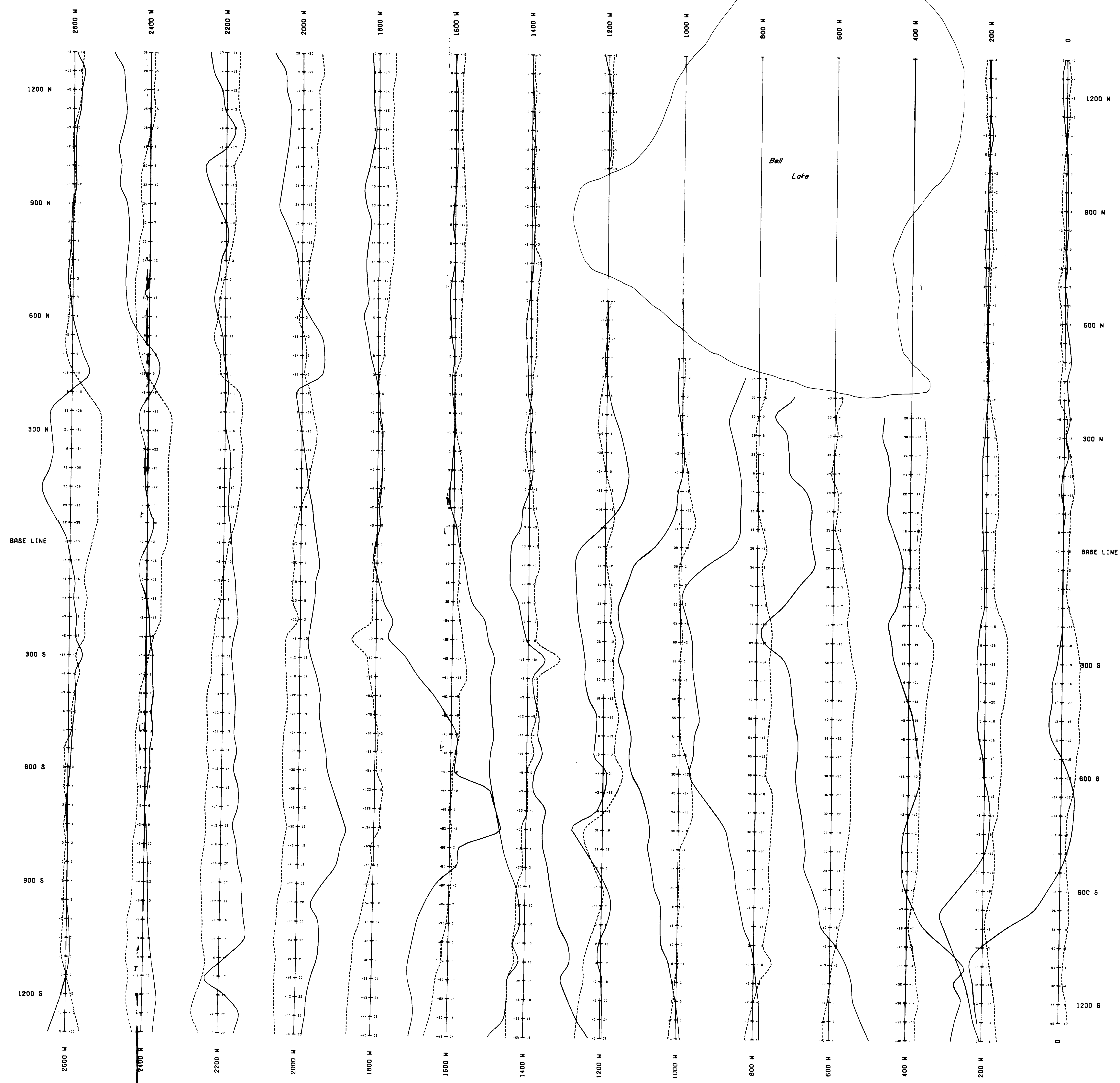
Page 1 of 3

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY OPT
0	4	Overburden					
4	211	Pillowed Andesite					
		- local pillow breccia	10.5	11.5	M1051	1.0	n11
		- med dark grey-green	20.5	21.5	M1052	1.0	n11
		- mod fract. qtz/cb/graph(?) filled randomly oriented					
		- aphan. mod chl. alt'n mod soft	32	34.5	M1053	2.5	n11
		- mod perv. card (quick reaction to HCl)					
		- minor local amygdules, qtz/cb/graph filled					
		- <5% qtz veining, gen irreg interpillow eg at 11', 21.5', 33'					
		- very minor vfgd py or nonmag po in interpillow material					
		- 42					
		- flow contact					
		- colour quickly changes to med- light grey-green					
		- rock aphan, pillow selvages gen indistinct					
		- strongly fract, qtz/cb/graph. and cb filled					
		- 55 - 57					
		- brown perv cb alt'n, strong reaction to HCl	54	55.9	M1054	1.9	n11
		- 1.5" gv at 56', 55 deg tca	55.9	58	M1055	3.1	n11
		- gv milky-white, translucent, no assoc min					
		- fw more strongly cb alt'id					
		- 70.0 - 71.2					
		- silicif. section	70	72	M1056	2.0	n11
		- gv 70.3-70.7, milky-white, 20% brown cb					
		- fw strongly silicif, purply colour					
		- radial prismatic beige crystals up to 1/4" long in tourmaline (?)					

FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY
4	211	Continued					
		- no visible assoc metallic min					
		- gv irreg poss. - 50 deg tca					
		- selvages become more distinct below 78', mod graphitic					
		- no carb alt'n till 108', grades to mod perv					
		- 123.2 - 123.8 - Interpillow breccia/shear	123	124	M1057	1.0	n11
		- matrix strongly graphitic, strongly conductive					
		- frags elongated 30 deg tca					
		- carb grades out by 128' and back in by 185'					
		- graphite grades out by 148' and back in by 188'					
		- 189 - 190 - 10% massive po patches in interpillow material	189	190.2	M1058	1.2	n11
		- 190.3 - 208 - light brown strong perv carb alt'n					
		- pillows fairly massive, locally amygdaloidal					
		- 210.9 - 211 - gv 70% tca	210.5	211.5	M1059	1.0	n11
		- milky-white					
		- minor sericite patch					
		- fw mod graphitic					
211	222.6	Flow Top Breccia/Fault Breccia (?)					
		- brecciation localized					
		- strongly fract., mod to strongly graphitic					
		- breccia section matrix mod graphitic					
		- mod shearing in breccia sections, frags elongated, 40 deg tca					
		- frags lacking hyaloclastic rims so may actually be fault					
		- minor local coarse py patches in mod perv graph. sections					
		- core fairly broken					
		- 214.1 - 216.3 - 1/2" thick irreg gv subparallel tca	214	216.5	M1060	2.5	n11
		- very minor cpy patches, fg less fgd py all in qtz					
		- matrix pred carb over last 1'					



FROM	TO	UNIT/DESCRIPTION	FROM	TO	SAMPLE NO.	LENGTH	ASSAY OPT
222.6	348	Massive Andesite	222	223	M1061	1.0	n11
		- mg, med grey-green					
		- graph grades out					
		- med soft					
		- cb as mg to cg patches giving cg appearance to rock					
		- faint lineation of cb about 35 deg tca					
		- 239.6 - 240.3 - irreg silicif patch 75%	239.5	240.5	M1062	1.0	n11
		- 20% qtz, minor sericite 50% weak epidot-ization (?)					
		- <1% mg and py in fw					
		- 293 - qtz veinlet 60 deg tca	292.7	293.3	M1063	0.6	n11
		- weak sericite, minor py in hw and fw					
		- 319.5 - 348.0 - 5% qtz veining	319	320	M1064	1.0	n11
		- milky-white 70 deg tca					
		- minor weak sericite; weak silicif of host	329	330	M1068	1.0	n11
		- minor py in qtz <1% mgd py in host localized around veins	324	327	M1065	3.0	n11
		- 239.7 - gv with 15% dark brown tourm along LC	332	335.5	M1066	3.5	n11
		- gv's at 319.5, 325.3, 325.6, 327.4, 329.5, 332.5:					
		334.5, 335.1, 336.3, 339.7, 341 and 347.5	339	340	M1067	1.0	n11
		- all gen <1/2"					
		EOH 348'					

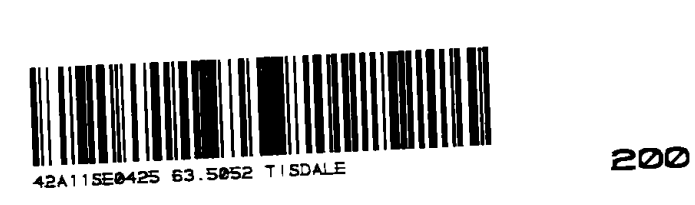


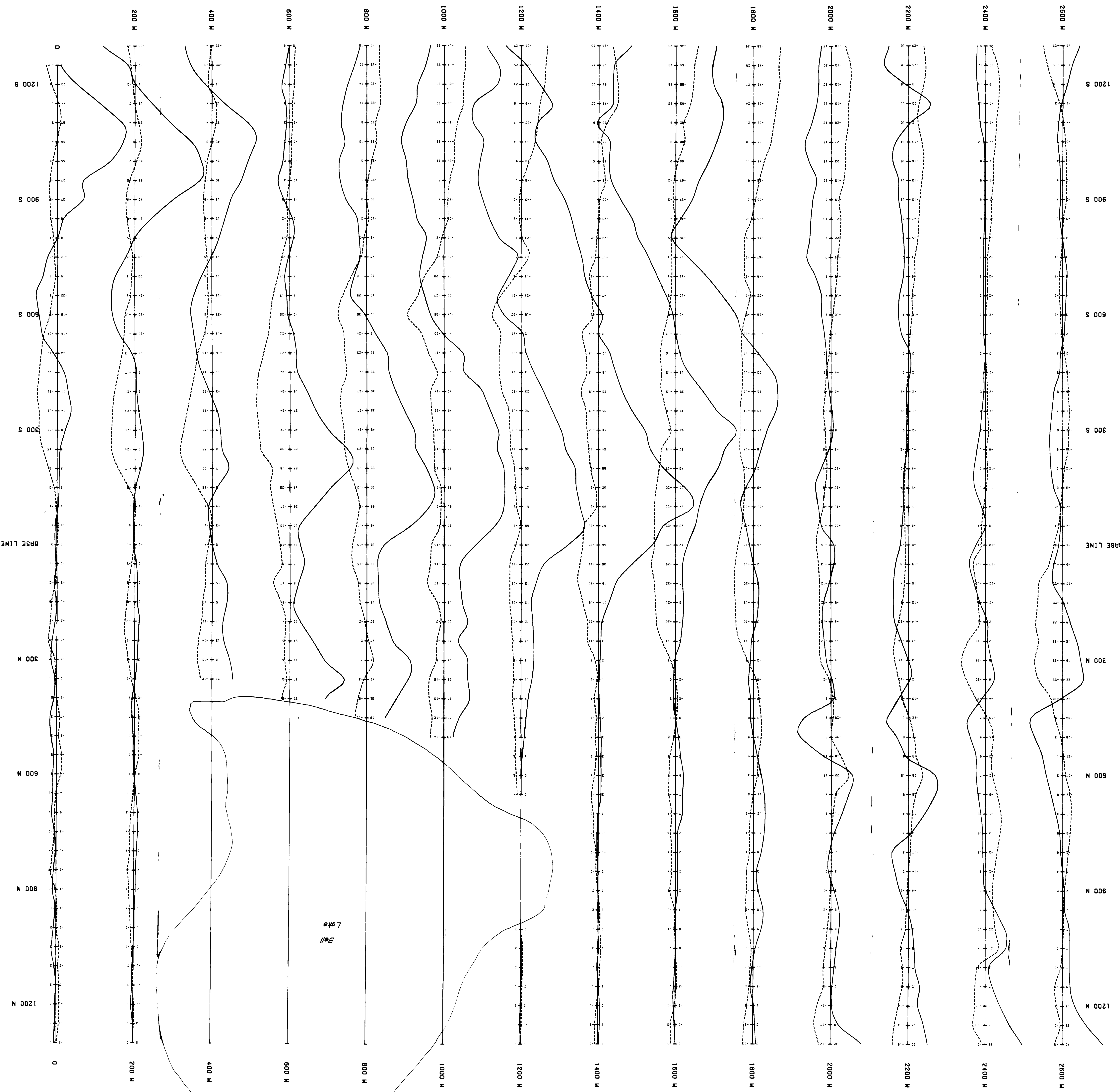
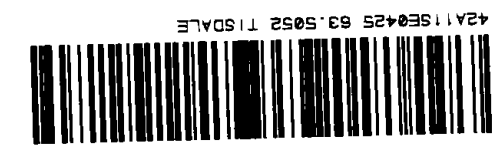
SURVEY LEGEND	
Instrument: EM 16	
Serial No: 1	
Coil separation: 17 m 400	
Profile Scale: 1:1000	
In Phase	Quadrature

Facing: Northeast

E. H. van Hees Geological Services Inc.		
Consolidated Thompson Lundmark Gold Mines Limited		
VLF-EM Profiles		
Station NSS		
Township: Tisdale	Province: Ontario	
Mining Division: Cochrane	Project: Bell Lake	
Reference:	N.T.S.	
Drawn: Northern Geo.	Drafted: Northern Geo.	Checked: J.W.
Scale: 1:1000	Date: November, 1987	Sheet:

63.5052  
0187-106

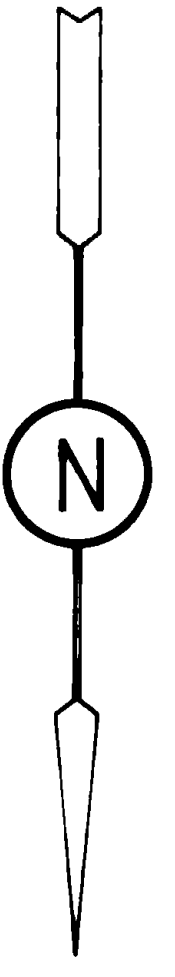




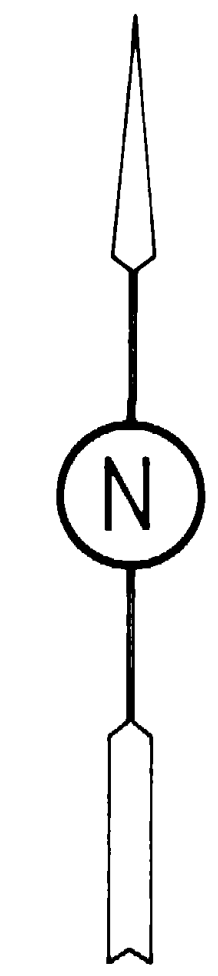
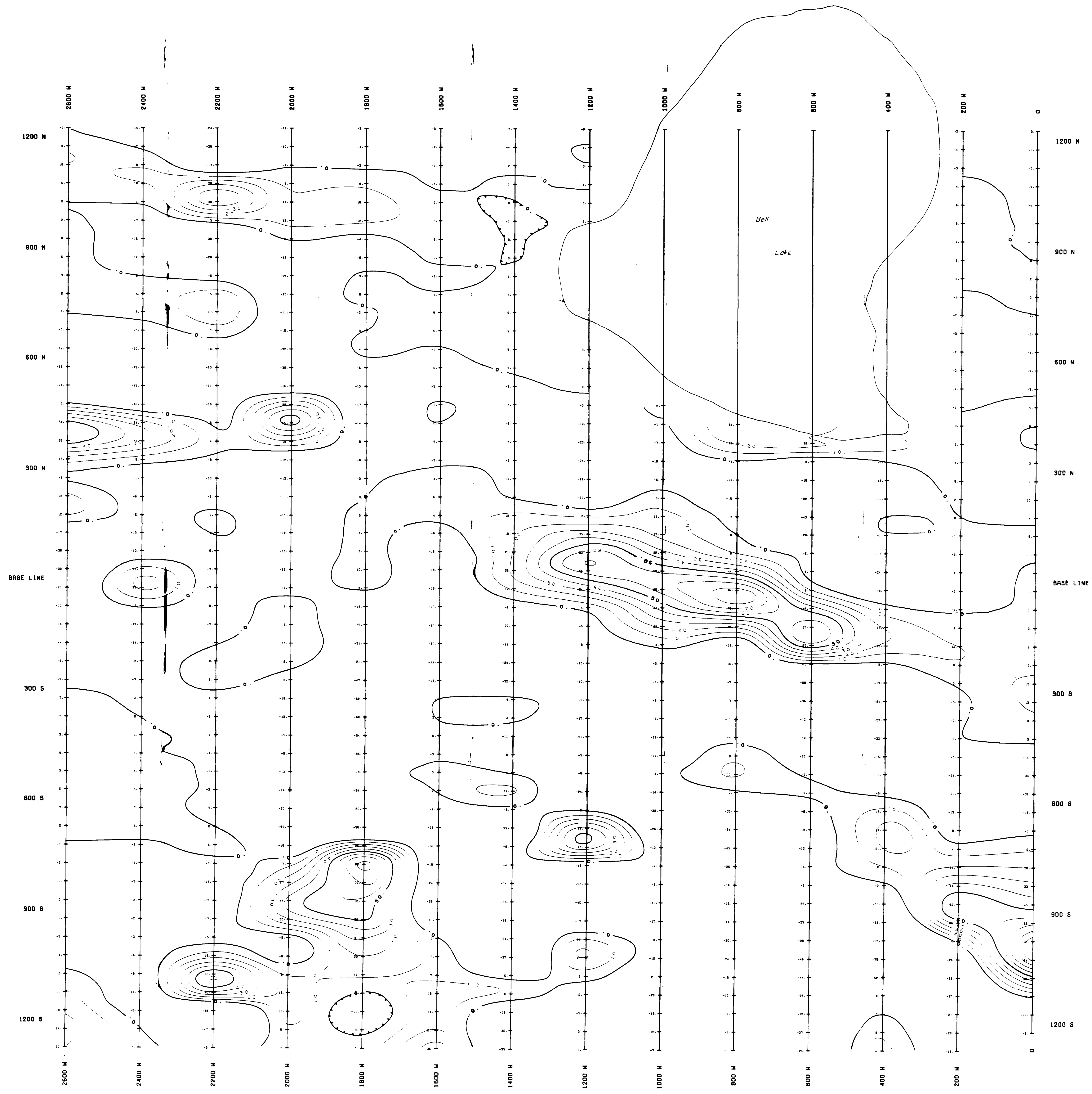
**SURVEY LEGEND**

1. INSTRUMENT EM 16  
 2. OPERATOR  
 3. DATE  
 4. SCALE 1 m = 40%  
 5. QUANTUM

Facing North



Scale: 1:100	
Drawn: Northern Geo.	Date: November, 1987
Checked: J.W.	
Reference: N.T.S.	
Mining Division: Cochran	
Project: Bell Lake	
Township: Tisdale	
Province: Ontario	
Station NAA	
VLF-EM Profiles	
Consolidated Thompson Lundmark Gold Mines Limited	
E. H. van Hees Geological Services Inc.	
087106 63.5052	



SURVEY LEGEND	
Instrument: EM-8	
Scale: As Shown	
Datum: C	
Contour Interval: 100	
Contour	
Degree of contour	

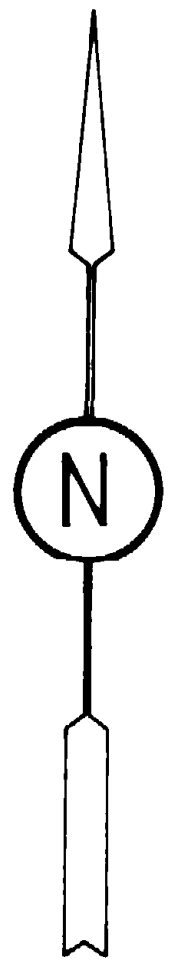
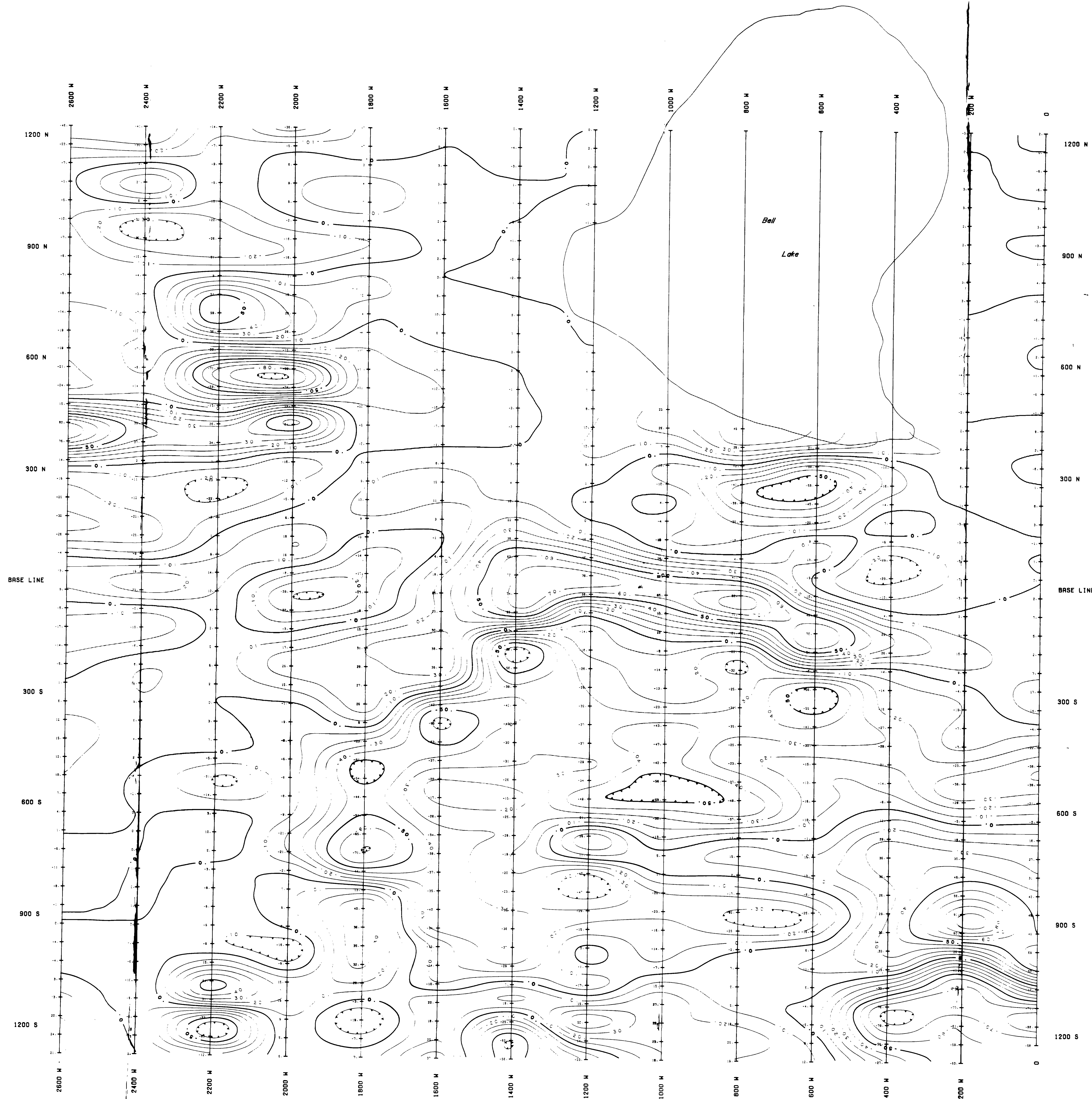
- Interval 0 - 20
- Interval 20 - 40
- Interval 40 - 50
- Interval Over 50

63.5052  
0457-106

E. H. van Hees Geological Services Inc.	
for Consolidated Thompson, L.L. & J.R. Gold Mines Limited	
VLF-EM Fraser Filter Contour Map Station 155	
Township: Tisdale	Province: Ontario
Mining Division: Cochrane	Project: Bell Lake
Reference:	N.T.S.
Drawn By: Northern Geo.	Drafted: Northern Geo.
Scale: 1:50,000	Date: 10-19-86
Checked: J. W.	Sheet:







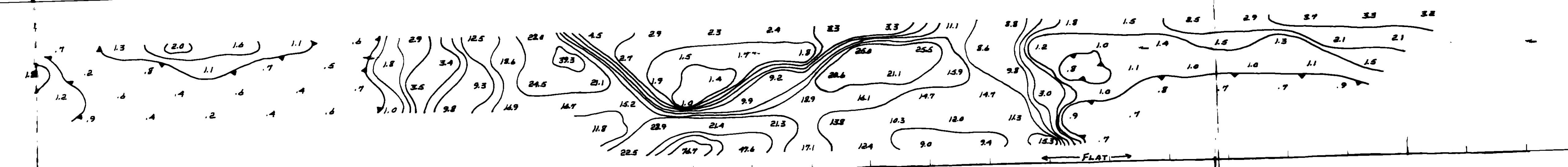
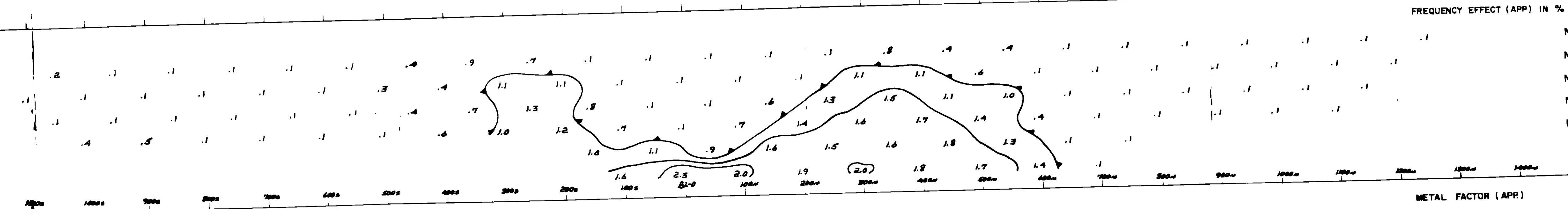
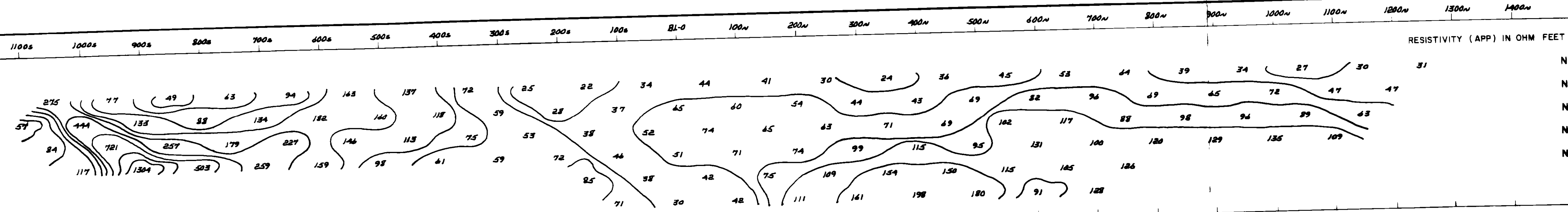
SURVEY LEGEND	
Instrument	EM 16
Series	Neut
Datum	C
Contour Interval	1:00
Contour	
	1000
Depression contour	

- Interval 0 - 20
- Interval 20 - 40
- Interval 40 - 50
- Interval Over 50

63.5052  
0M87-106

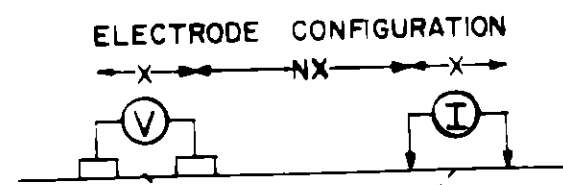
E. H. van Hees Geological Services Inc.	
Consolidated Thompson Lundmark Gold Mines Limited	
VLF-EM Fraser Filter Contour Map Station N42	
Township: Tisdale	Province: Ontario
Mining Division: Coburne	Project: Bell Lake
Reference:	N.T.S.
Drawn By: Northern Geo.	Checked: J. W.
Date: 1-1-82	Date: November 86





COMPANY: \_\_\_\_\_  
 PROPERTY: \_\_\_\_\_

LINE NO - 0



PLOTTING POINT X = 100'

SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE PROBABLE POSSIBLE

FREQUENCIES: 25 & 40 HZ

NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1, 1.5, 2, 3, 5, 7.5, 10.0

INSTRUMENT PHOENIX IPV-1 IPT-1

CONTRACTOR REMY BELANGER ENRG

DATE SURVEYED JUNE 22-27 1987 APPROVED 63-5052 GMRZ-106

OPERATOR ANDRE FAUBERT DATE \_\_\_\_\_

## INDUCED POLARIZATION AND RESISTIVITY SURVEY

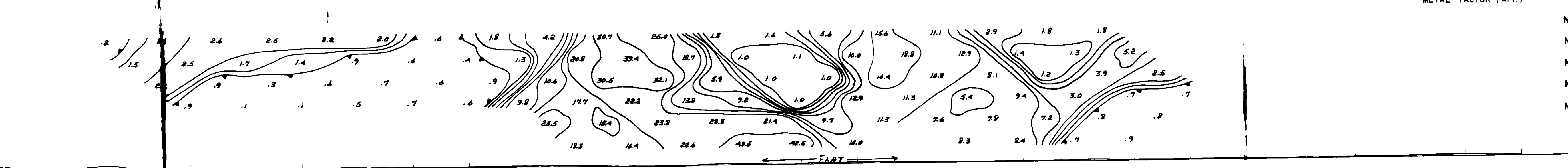
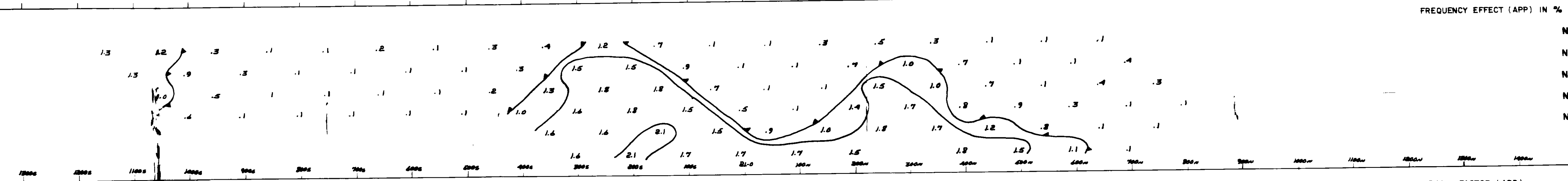
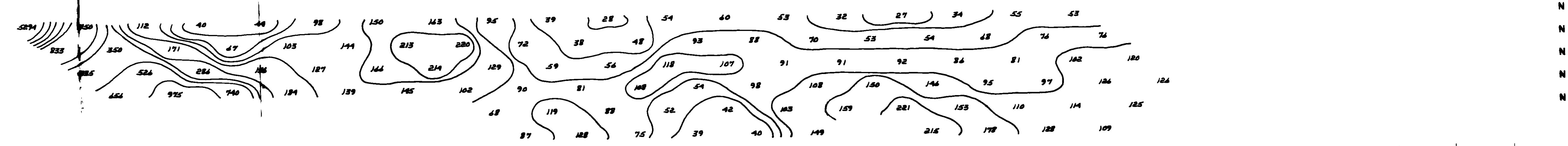
N=1  
 N=2  
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 N=4  
 N=5  
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 N=4  
 N=5  
 N=1  
 N=2  
 N=3  
 N=4  
 N=5



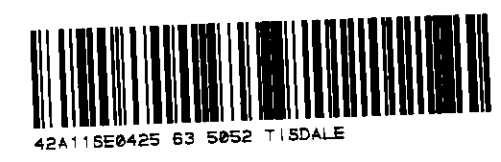
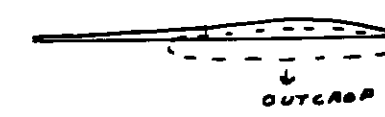
240  
 OVER  
 JAN



1200s 1100s 1000s 900s 800s 700s 600s 500s 400s 300s 200s 100s 81-0 100w 200w 300w 400w 500w 600w 700w 800w 900w 1000w 1100w 1200w 1300w 1400w



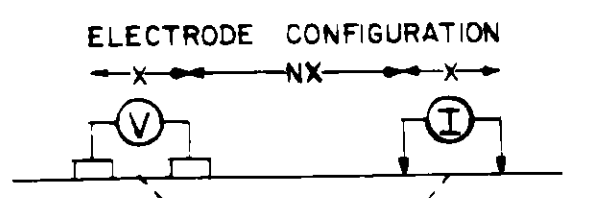
250



COMPANY: \_\_\_\_\_

PROPERTY: \_\_\_\_\_

LINE NO - 2-W



PLOTTING POINT X = 100'

SURFACE PROJECTION OF ANOMALOUS ZONES  
DEFINITE   
PROBABLE   
POSSIBLE

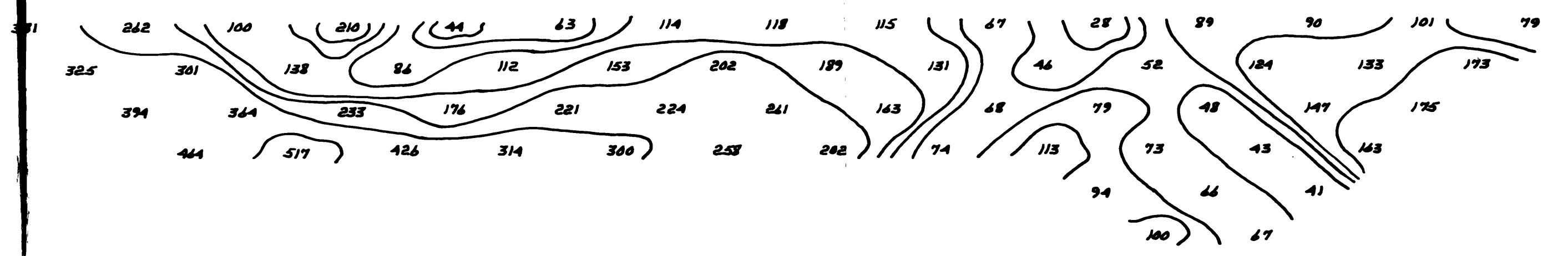
FREQUENCIES: 25 & 4.0 HZ  
NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1, 1.5, 2, 3, 5, 7.5, 10, 0

INSTRUMENT PHOENIX IPV-1  
IPT-1  
CONTRACTOR REMY BELANGER ENRG  
DATE SURVEYED JUNE-23-24-1987  
APPROVED 63.5052  
DM87-106  
OPERATOR AUDRE FAUBERT  
DATE \_\_\_\_\_

# INDUCED POLARIZATION AND RESISTIVITY SURVEY

1300s 1200s 1100s 1000s 900s 800s 700s 600s 500s 400s 300s 200s 100s Bl-0 100w 200w 300w 400w

RESISTIVITY (APP) IN OHM FEET



N = 1  
N = 2  
N = 3  
N = 4  
N = 5

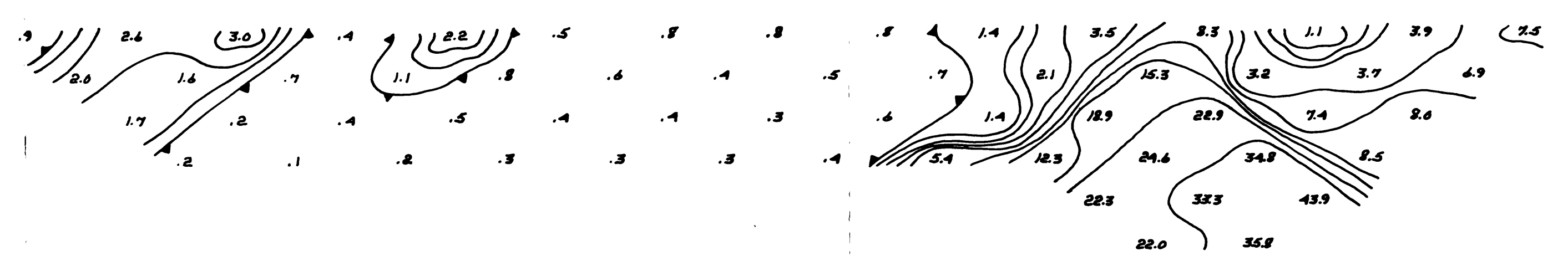
FREQUENCY EFFECT (APP) IN %



N = 1  
N = 2  
N = 3  
N = 4  
N = 5

1300s 1200s 1100s 1000s 900s 800s 700s 600s 500s 400s 300s 200s 100s Bl-0 100w 200w 300w 400w

METAL FACTOR (APP)

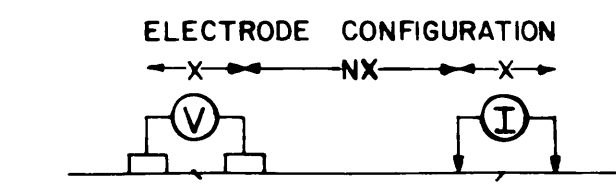


N = 1  
N = 2  
N = 3  
N = 4  
N = 5

COMPANY: \_\_\_\_\_

PROPERTY: \_\_\_\_\_

LINE NO. - 4-W



SURFACE PROJECTION OF ANOMALOUS ZONES

FREQUENCIES: .25 & 4.0 H.Z.

DEFINITE —————  
PROBABLE |||  
POSSIBLE / / / /

NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1, 1.5, 2, 3, 5, 7.5, 10.0

INSTRUMENT : PHOENIX IPV-1 IPT-1

CONTRACTOR : REMY BELANGER ENRG.

DATE SURVEYED: \_\_\_\_\_

APPROVED: \_\_\_\_\_

JUNE-23-24-1987

63.5052  
OM87-106

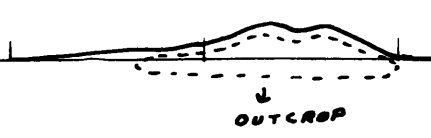
OPERATOR: ANDRE FAUBERT

DATE: \_\_\_\_\_

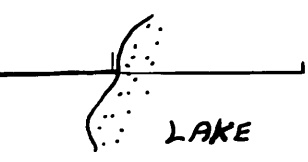
# INDUCED POLARIZATION AND RESISTIVITY SURVEY



260

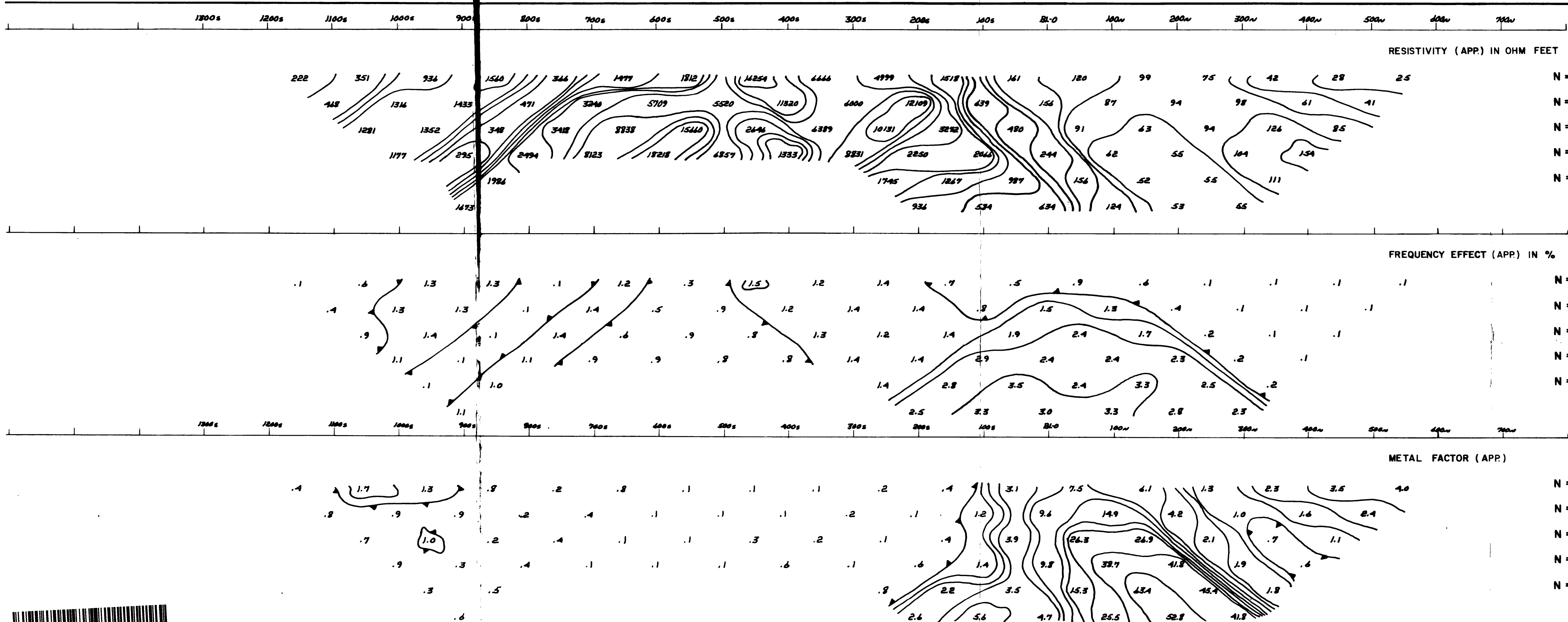


← FLAT →





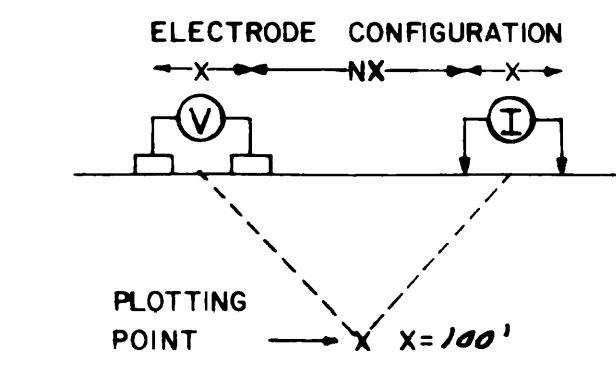




COMPANY: \_\_\_\_\_

PROPERTY: \_\_\_\_\_

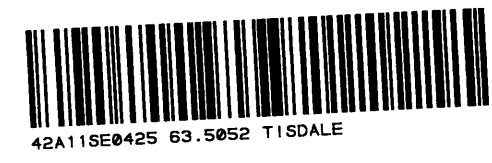
LINE NO. - 12-W



SURFACE PROJECTION OF ANOMALOUS ZONES  
 DEFINITE —————  
 PROBABLE |||||  
 POSSIBLE /////  
 FREQUENCIES: 25 & 40 H.Z.  
 NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1, 1.5, 2, 3, 5, 7.5, 10.0

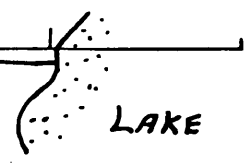
INSTRUMENT : PHOENIX IPV-1  
 IPT-1  
 CONTRACTOR : REMY BELANGER ENRG.  
 DATE SURVEYED: \_\_\_\_\_ APPROVED: 63.5052  
JUNE - 24 - 21 - 1987 0N87-106  
 OPERATOR: ANDRE FAUBERT DATE: \_\_\_\_\_

# INDUCED POLARIZATION AND RESISTIVITY SURVEY

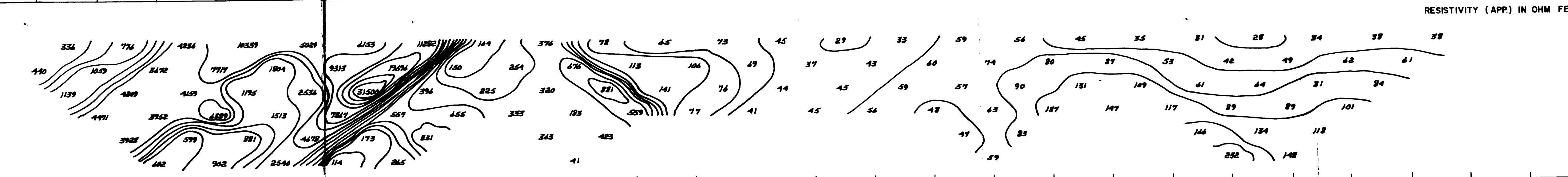


280

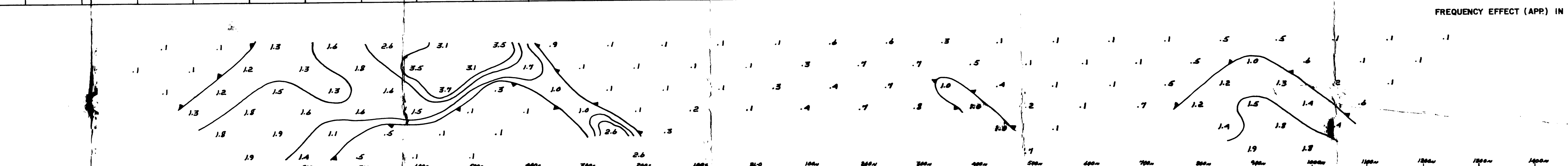
← FLAT



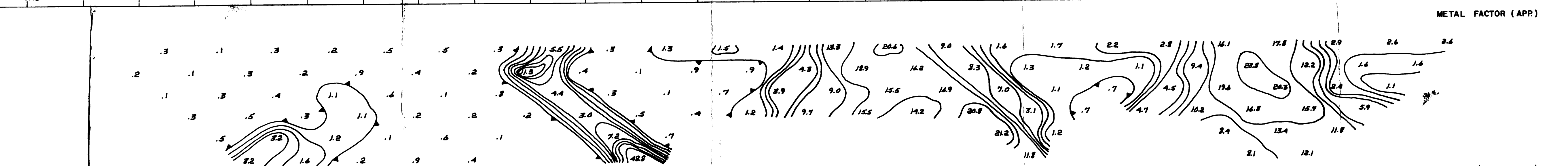
1300s 1200 1100s 1000s 900s 800s 700s 600s 500s 400s 300s 200s 100s 50-0 100w 200w 300w 400w 500w 600w 700w 800w 900w 1000w 1100w 1200w 1300w 1400w



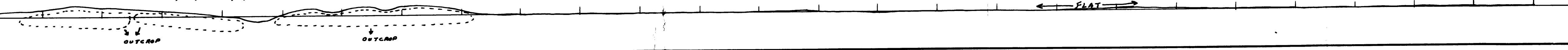
RESISTIVITY (APP) IN OHM FEET  
 N=1  
 N=2  
 N=3  
 N=4  
 N=5



FREQUENCY EFFECT (APP) IN %  
 N=1  
 N=2  
 N=3  
 N=4  
 N=5

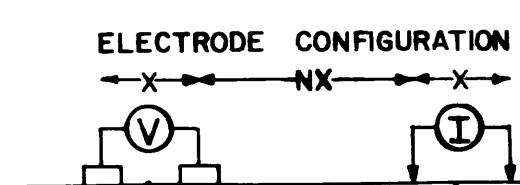


METAL FACTOR (APP)  
 N=1  
 N=2  
 N=3  
 N=4  
 N=5



COMPANY: \_\_\_\_\_  
 PROPERTY: \_\_\_\_\_

LINE NO. - 12-W

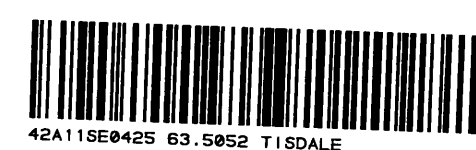


PLOTTING POINT X=100'

SURFACE PROJECTION OF ANOMALOUS ZONES  
 DEFINITE —————  
 PROBABLE |||||  
 POSSIBLE // / / /  
 FREQUENCIES: 25 & 40 HZ  
 NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1, 1.5, 2, 3, 5, 7.5, 10.0

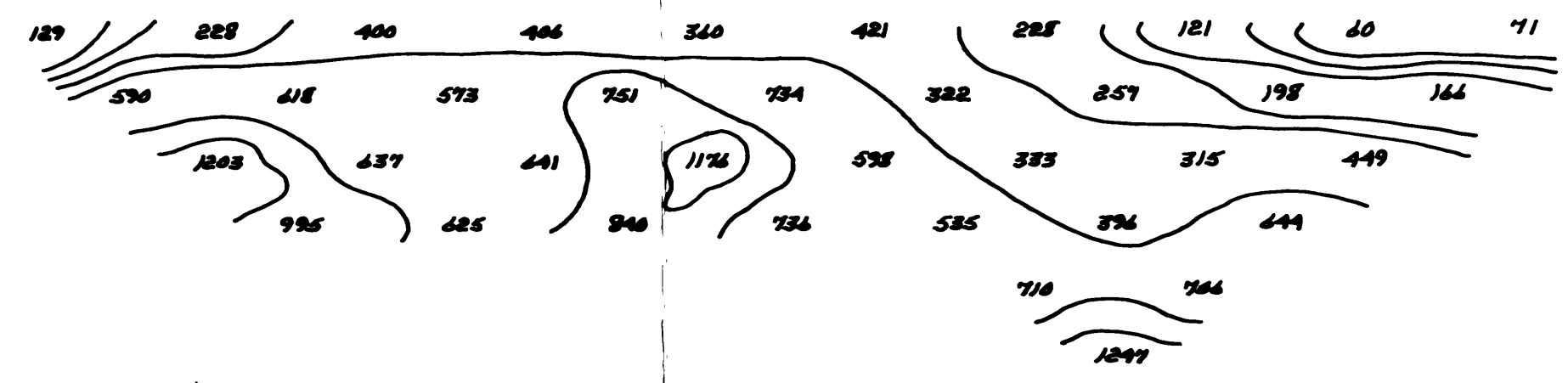
INSTRUMENT : PHOENIX IPV-1  
 IPT-1  
 CONTRACTOR : REMY BELANGER ENRG.  
 DATE SURVEYED: \_\_\_\_\_ APPROVED: 63.5052  
 June-24-24-1987 OMR7-106  
 OPERATOR: Andre Faubert DATE: \_\_\_\_\_

# INDUCED POLARIZATION AND RESISTIVITY SURVEY



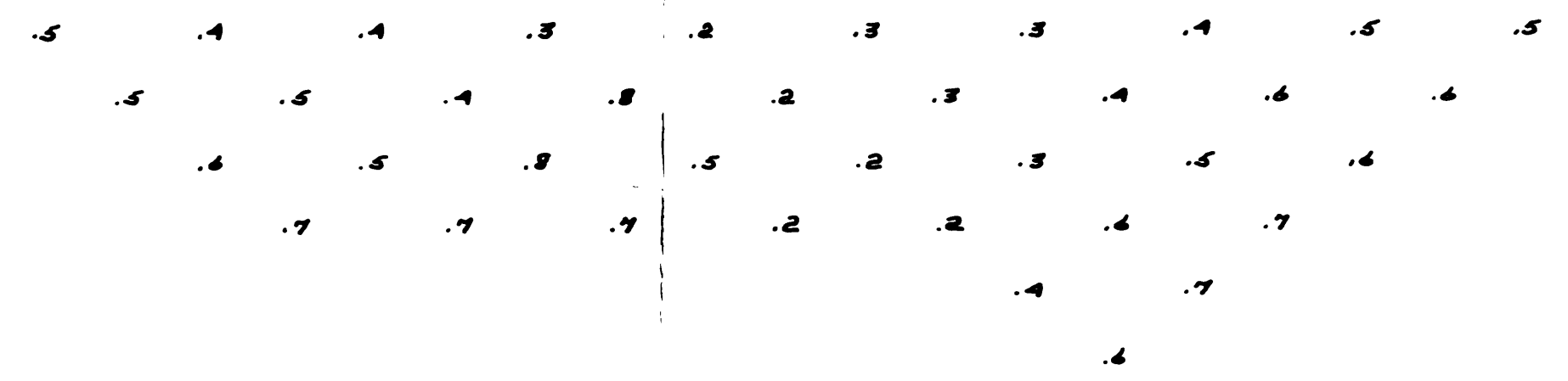
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RESISTIVITY (APP) IN OHM FEET



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N = 2  
N = 3  
N = 4  
N = 5

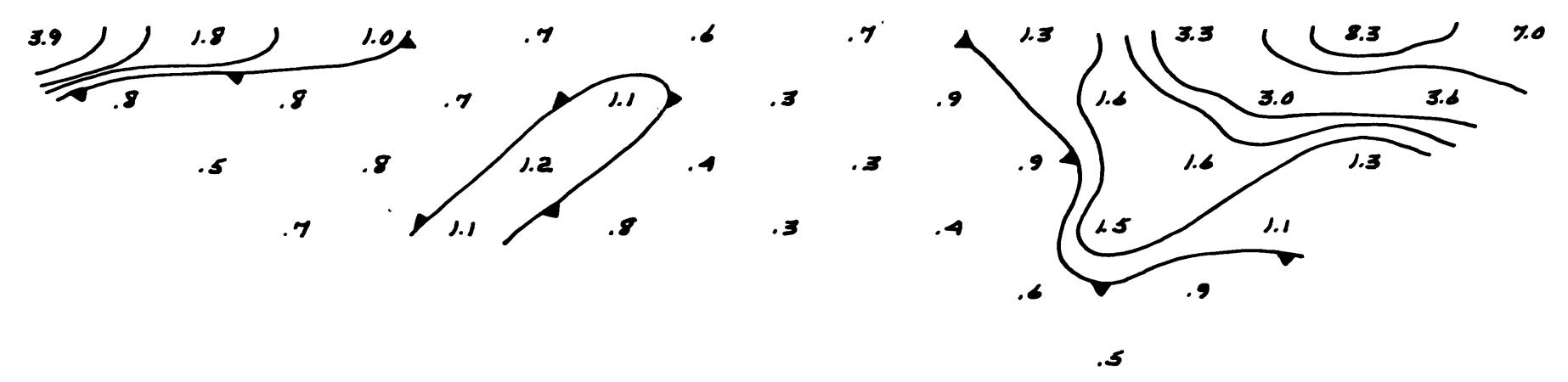
FREQUENCY EFFECT (APP) IN %



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N = 2  
N = 3  
N = 4  
N = 5

1200s 1100s 1000s 900s 800s 700s 600s 500s 400s 300s 200s 100s Bl-0

METAL FACTOR (APP)

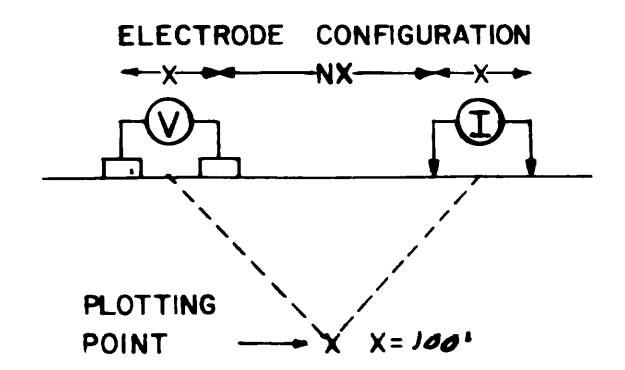


N = 1  
N = 2  
N = 3  
N = 4  
N = 5

COMPANY: CONSOLIDATED THOMPSON AND LUNDMARK

PROPERTY: BELL LAKE  
TIMMINS ONTARIO

LINE NO. - 18-W



SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE   
PROBABLE   
POSSIBLE

FREQUENCIES: 25 & 1.0 H.Z.

NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1, 1.5, 2, 3, 5, 7.5, 10.0

INSTRUMENT : PHOENIX IPV-1 IPT-1

CONTRACTOR : REMY BELANGER ENRG.

DATE SURVEYED:

APPROVED:

JUNE 22 - 1984

63.5052

OPERATOR: ANDRE FOUBERT

DATE: 0MB7-106

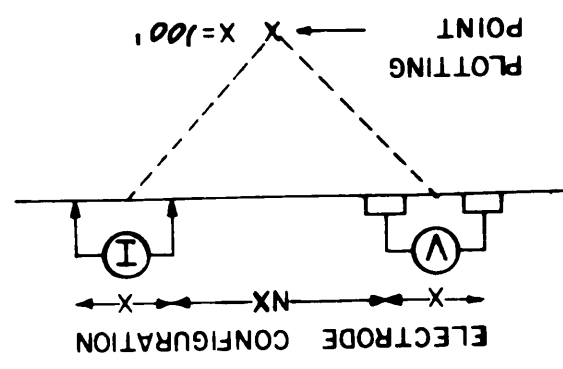
# INDUCED POLARIZATION AND RESISTIVITY SURVEY



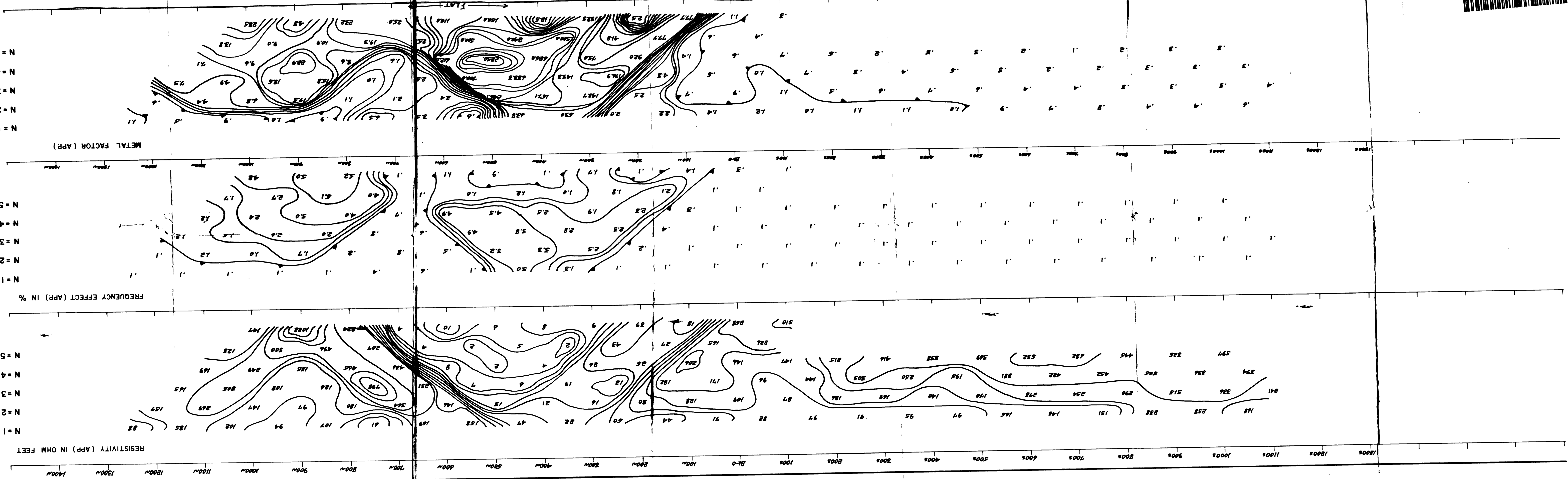
# INDUCED POLARIZATION AND RESISTIVITY SURVEY

OPERATOR: *Alvin Faust*  
 DATE SURVEYED: *1987*  
 APPROVED: *63.5052*  
 CONTRACTOR: REMY BELANGER ENRG.  
 INSTRUMENT: PHOENIX IPV-1  
 I.P.T-1  
 1.15, 2.3, 5, 7.5, 10.0

SURFACE PROJECTION  
 OF ANOMALOUS ZONES  
 DEFINITE   
 PROBABLE   
 POSSIBLE   
 NOTE: CONTOURS AT  
 LOGARITHMIC INTERVALS  
 FREQUENCIES: *25 & 40 H.Z.*

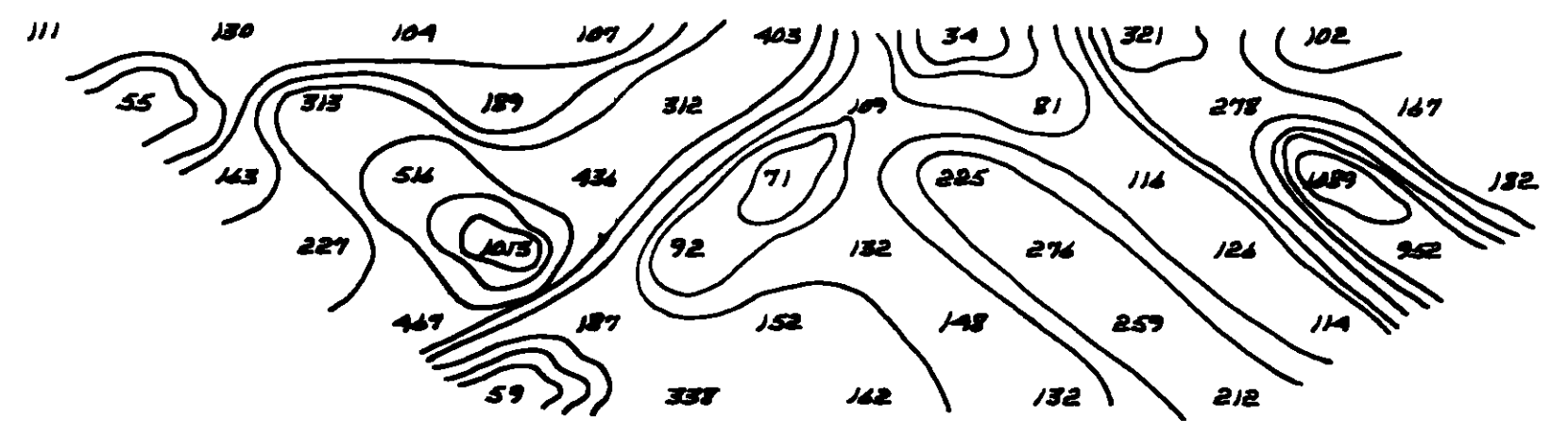


COMPANY: \_\_\_\_\_  
 PROPERTY: \_\_\_\_\_  
 LINE NO. - *20-W*



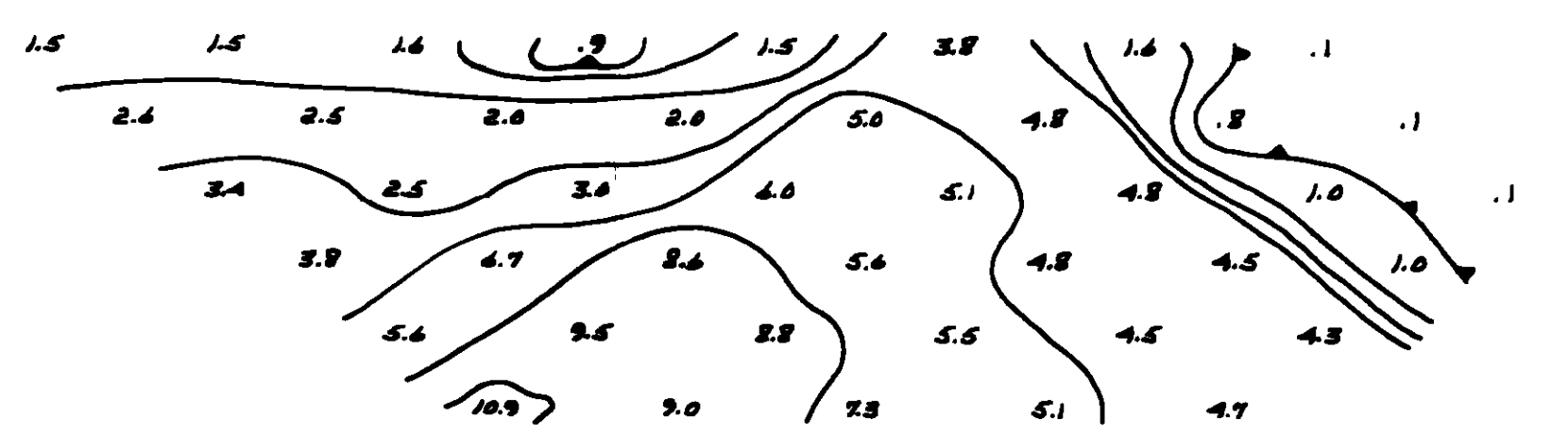
400w 500w 600w 700w 800w 900w 1000w 1100w 1200w 1300w 1400w 1500w 1600w

RESISTIVITY (APP) IN OHM FEET



N = 1  
N = 2  
N = 3  
N = 4  
N = 5

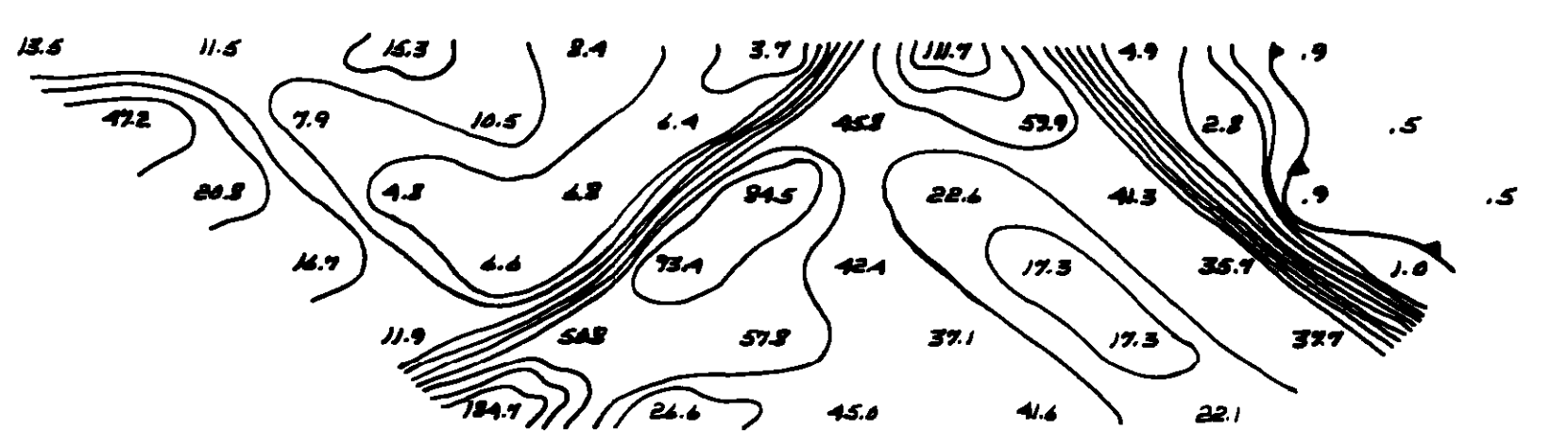
FREQUENCY EFFECT (APP) IN %



N = 1  
N = 2  
N = 3  
N = 4  
N = 5

400w 500w 600w 700w 800w 900w 1000w 1100w 1200w 1300w 1400w 1500w 1600w

METAL FACTOR (APP)



N = 1  
N = 2  
N = 3  
N = 4  
N = 5

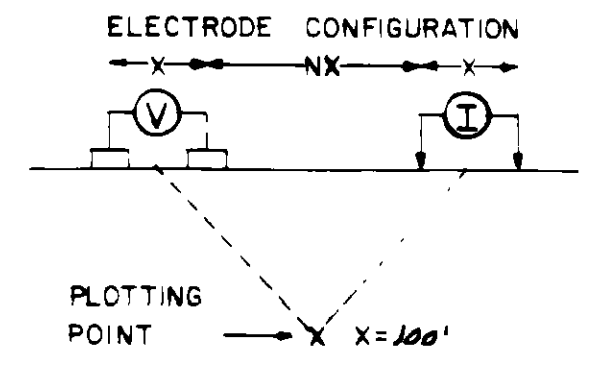
FLAT  
HYDRO LINE

COMPANY: CONSOLIDATED, THOMPSON AND LUNDMARK

PROPERTY: BELL LAKE

JIMMIES ONTARIO

LINE NO - 22-W



SURFACE PROJECTION OF ANOMALOUS ZONES  
FREQUENCIES 25 & 4.0 HZ.

DEFINITE —————  
PROBABLE |||||  
POSSIBLE ////

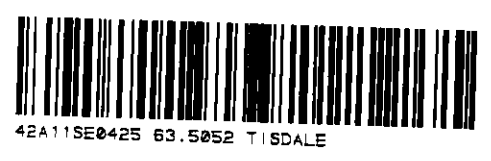
NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1, 1.5, 2, 3, 5, 7.5, 100

INSTRUMENT PHENIX IPV-1  
IPT-1  
CONTRACTOR REMY BELANGER ENRG

DATE SURVEYED JUNE-22-1987 APPROVED 63.5052  
OM87-106

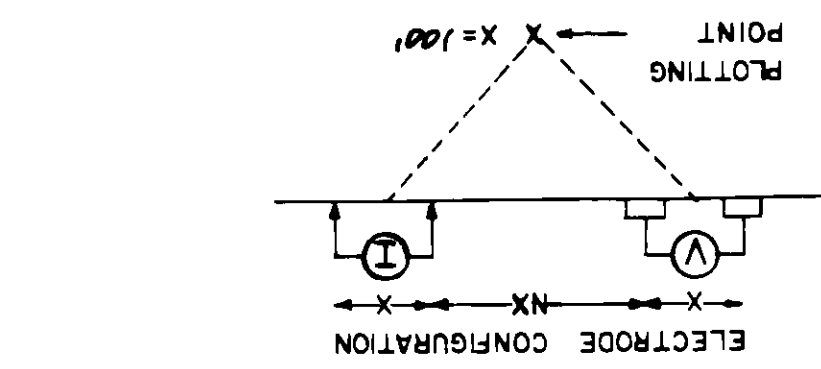
OPERATOR ANDRE FAUBERT DATE \_\_\_\_\_

# INDUCED POLARIZATION AND RESISTIVITY SURVEY

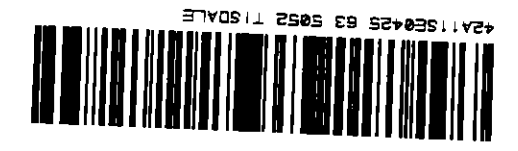
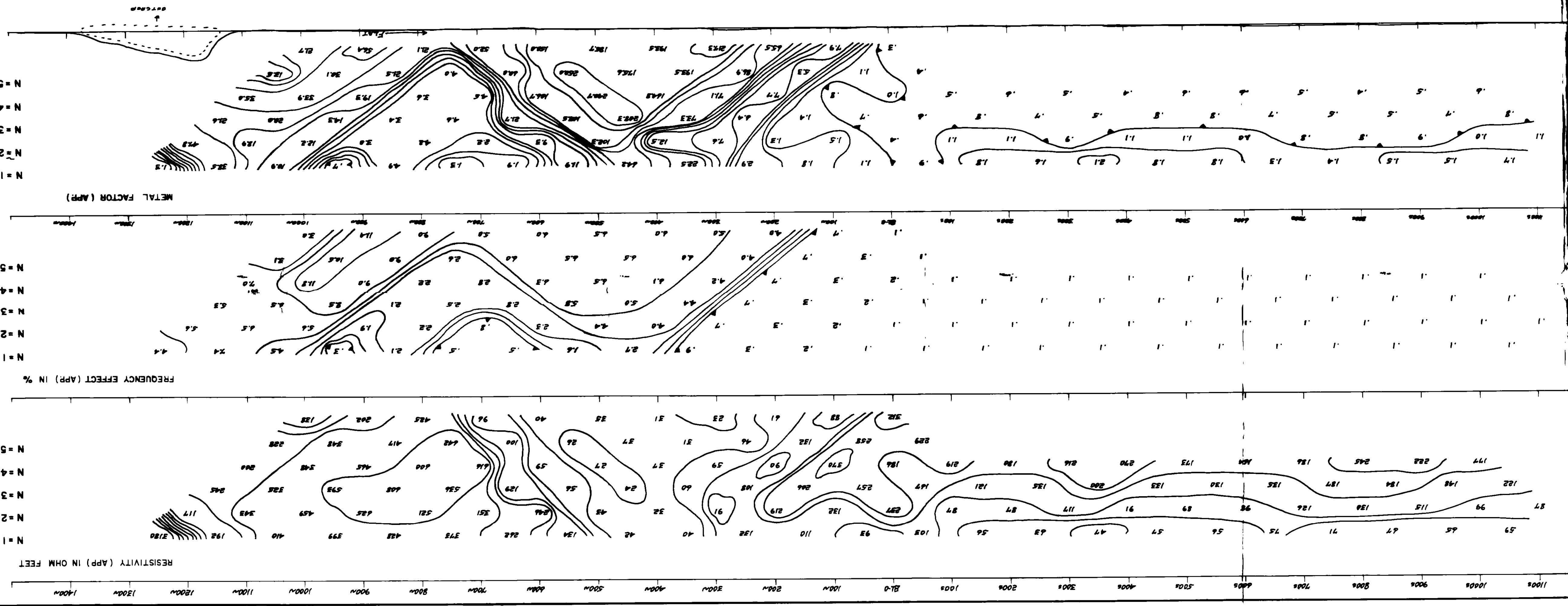


# INDUCED POLARIZATION AND RESISTIVITY SURVEY

OPERATOR: Randy Forester  
 DATE SURVEYED: June-26-1987  
 APPROVED: 63.5052  
 CONTRACTOR: REMY BELANGER ENRG.  
 INSTRUMENT: PHOENIX IPT-1  
 SURFACE PROJECTION: LOGARITHMIC INTERVALS  
 FREQUENCIES: 25 & 50 HZ



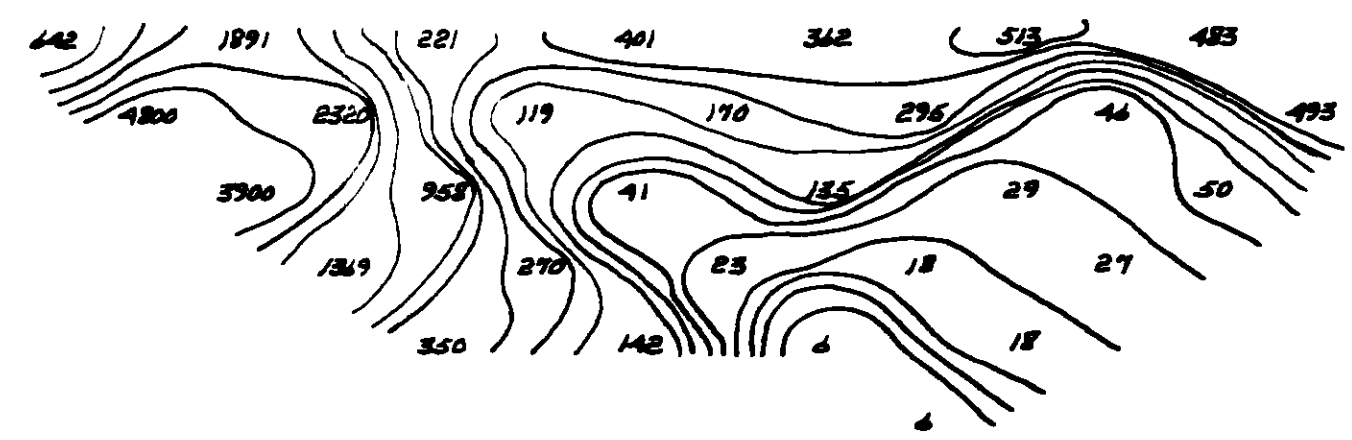
COMPANY: \_\_\_\_\_  
 PROPERTY: \_\_\_\_\_  
 LINE NO - 24-X





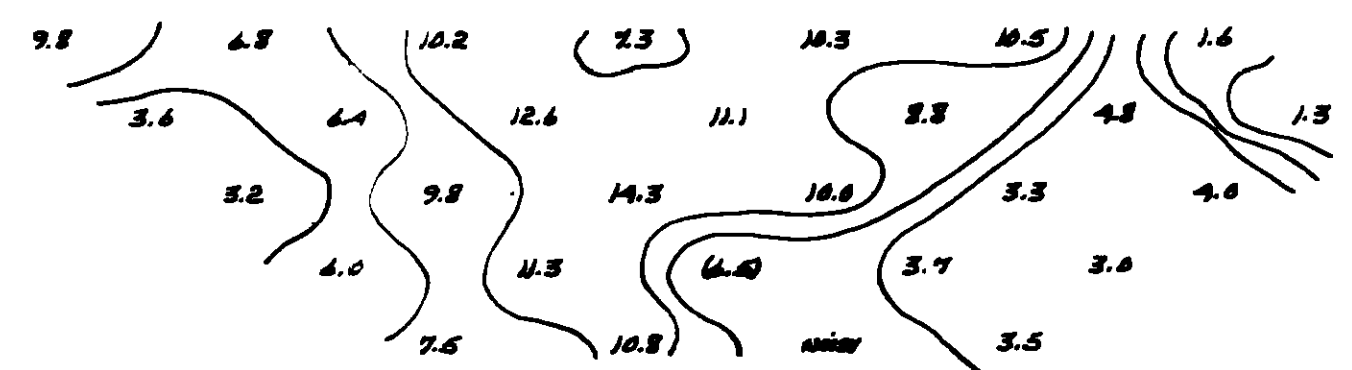
500N 600N 700N 800N 900N 1000N 1100N 1200N 1300N 1400N 1500N

RESISTIVITY (APP) N OHM FEET



N = 1  
N = 2  
N = 3  
N = 4  
N = 5

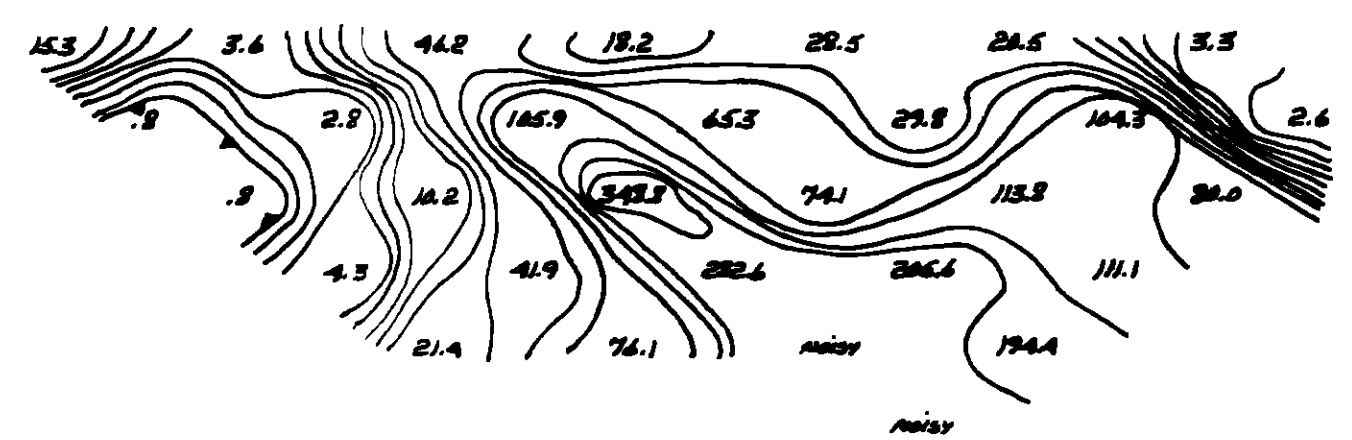
FREQUENCY EFFECT (APP) IN %



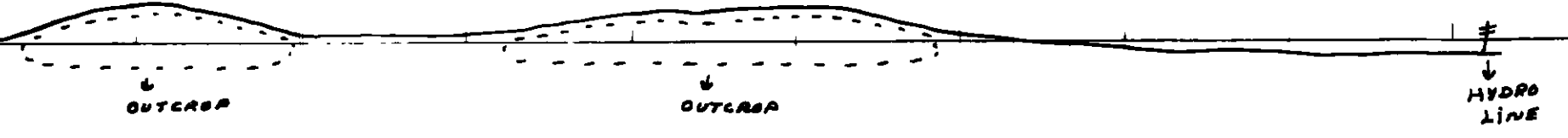
N = 1  
N = 2  
N = 3  
N = 4  
N = 5

500N 600N 700N 800N 900N 1000N 1100N 1200N 1300N 1400N 1500N

METAL FACTOR (APP)



N = 1  
N = 2  
N = 3  
N = 4  
N = 5

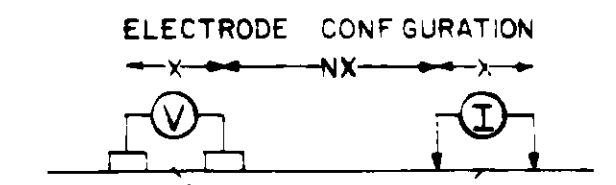


COMPANY: CONSOLIDATED, THOMPSON AND LUNDMARK

PROPERTY: BELL LAKE

TIMMINS ONTARIO

LINE NO - 26-W



PLOTTING POINT X = 100'

SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE   
PROBABLE   
POSSIBLE

FREQUENCIES: 25 & 9.0 HZ

NOTE CONTOURS AT LOGARITHMIC INTERVALS 1, 1.5, 2, 3, 5, 7.5, 10, 100

INSTRUMENT PHOENIX IPV-1 IPT-1

CONTRACTOR REMY BELANGER ENRG

DATE SURVEYED

APPROVED 63.5052

JUNE-22-1987

0MB7-106

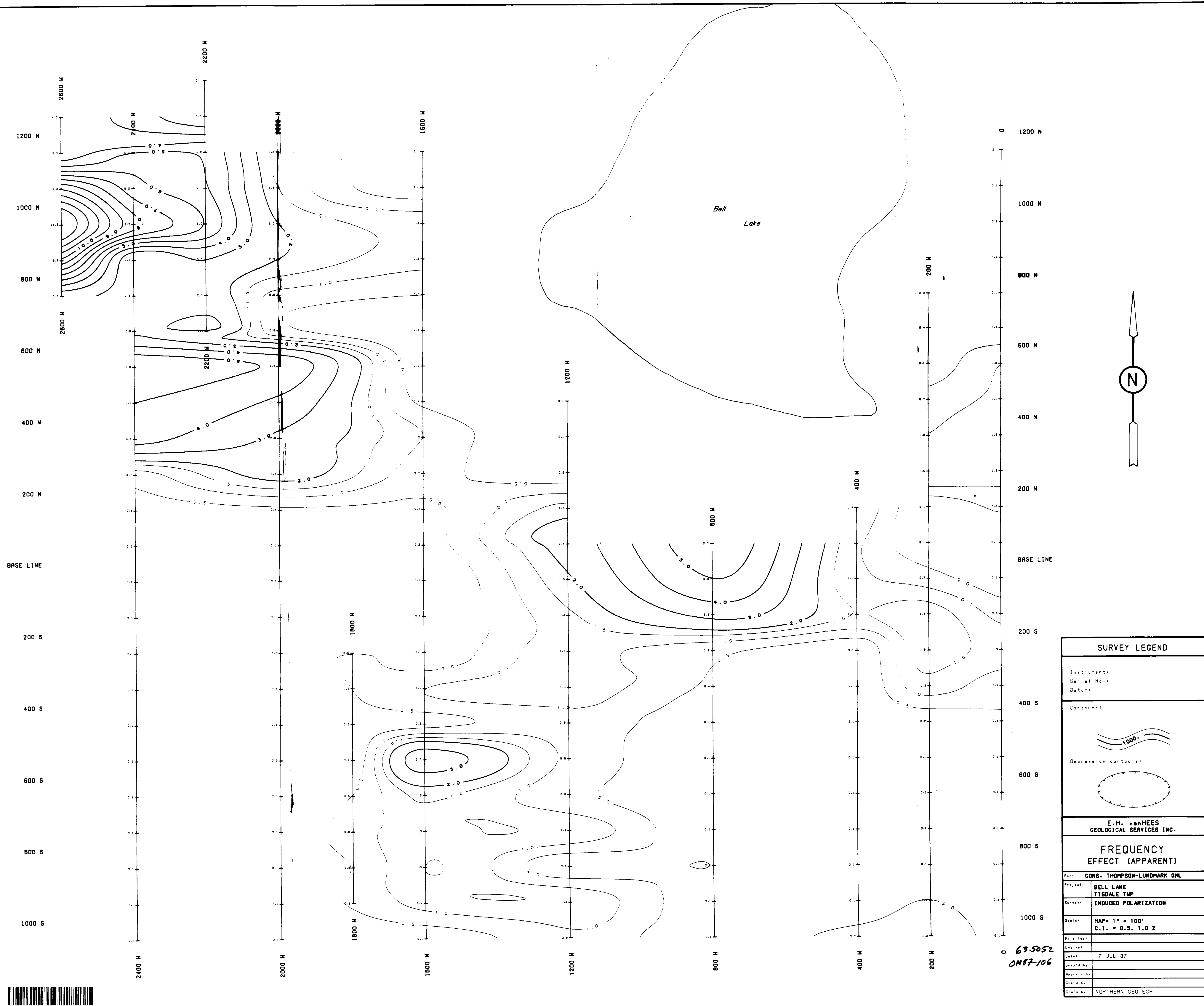
OPERATOR ANDRE FAUBERT

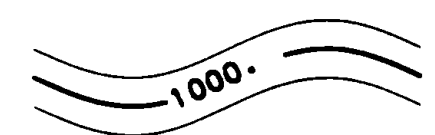
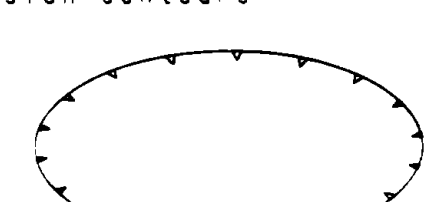
DATE \_\_\_\_\_

# INDUCED POLARIZATION AND RESISTIVITY SURVEY

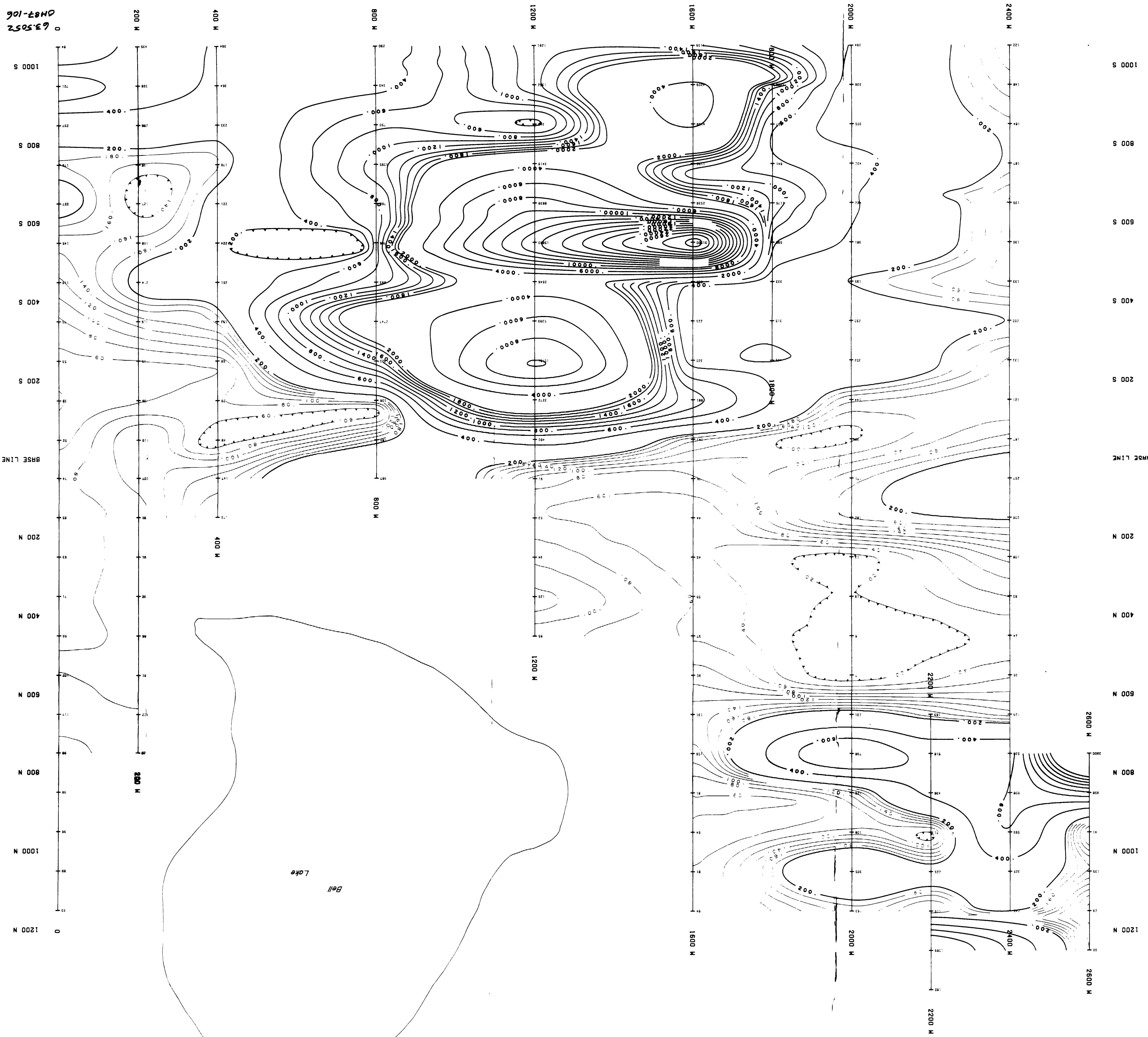
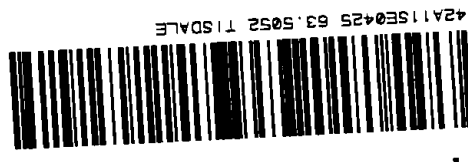






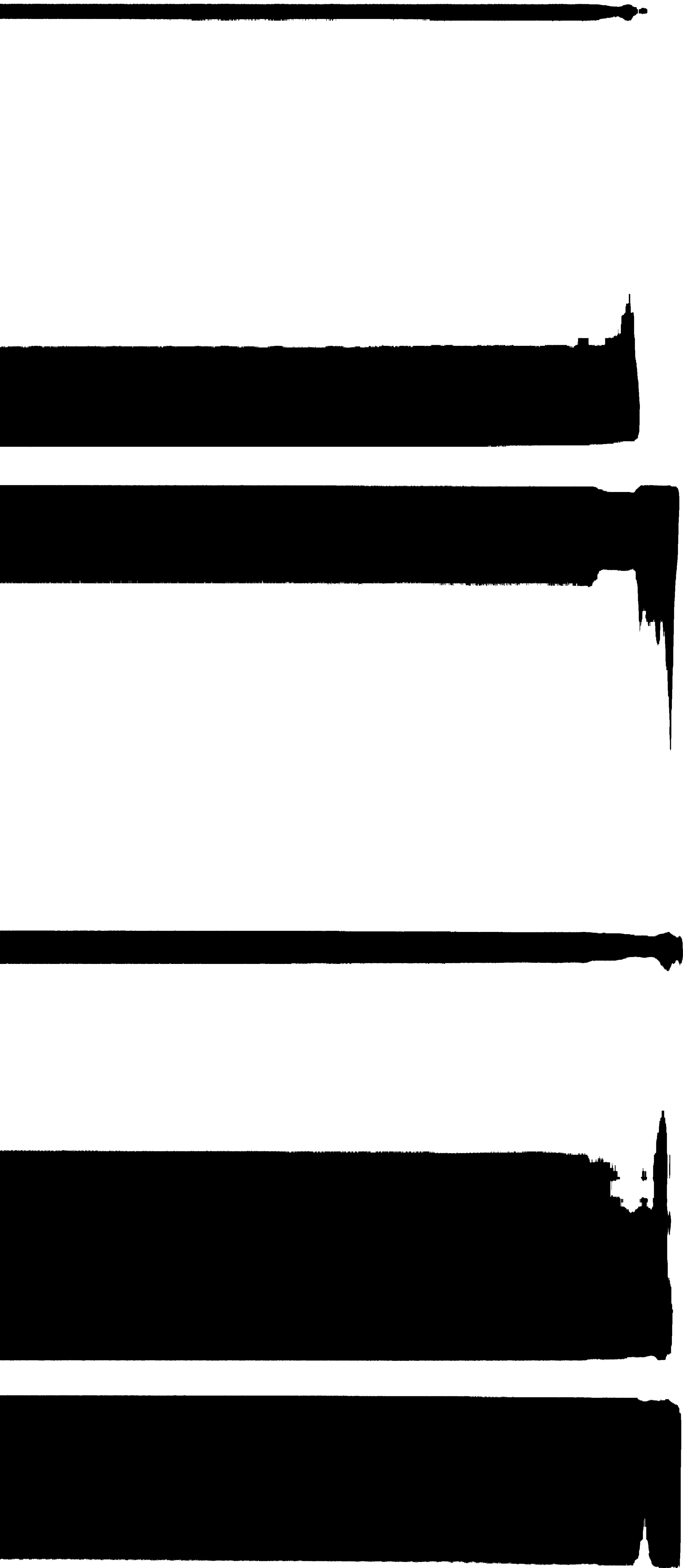
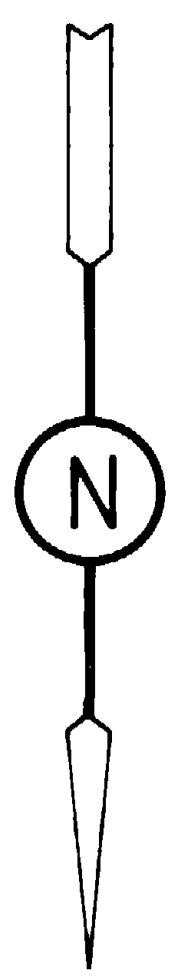
SURVEY LEGEND	
Instrument:	
Serial No.:	
Datum:	
Contour:	
Depression contour:	
E.H. vanHEES GEOLOGICAL SERVICES INC.	
<b>FREQUENCY EFFECT (APPARENT)</b>	
Part:	CONS. THOMPSON-LUNDMARK GHL
Project:	BELL LAKE TISDALE TWP
Survey:	INDUCED POLARIZATION
Scale:	HAF: 1" = 100' C.I. = 0.5, 1.0 Z
Date:	
Drawn:	7-JUL-87
Checked by:	
Approved by:	
Checked by:	
Drawn by:	NORTHERN GEOTECH

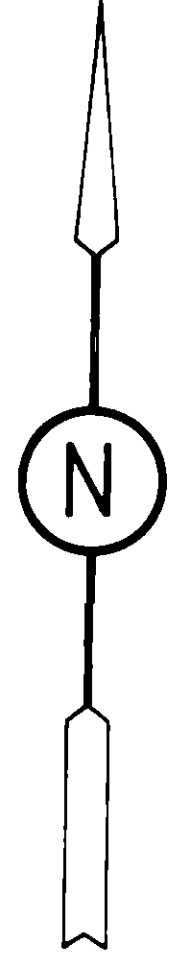
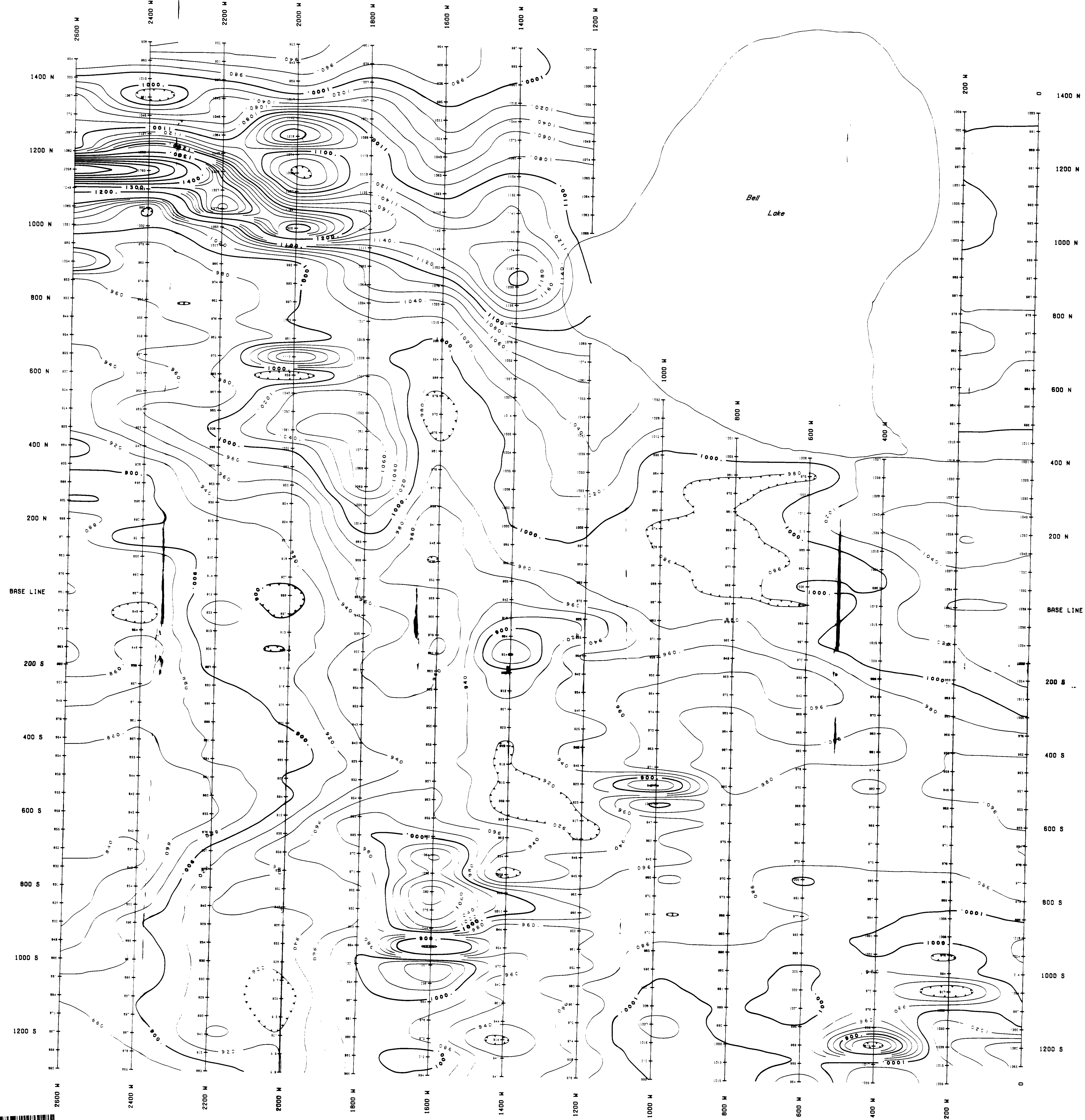



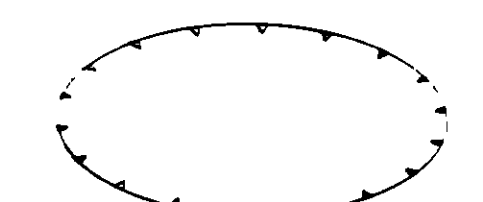


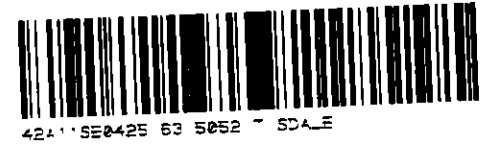
901-106  
 23552

NORTH N 80° E	
DATE: 10/10/80	
PROJECT: 901-106	
SHEET: 23552	
SCALE: 1" = 200 FT	
METHOD: INDUCED POLARIZATION	
CLIENT: BELL LAKES TISDALE TWP.	
CONTRACTOR: COMS. THOMPSON-LUNDHAK G.M.	
<b>RESISTIVITY (APPARENT)</b>	
E.H. WAHRES GEOLOGICAL SERVICES INC.	
SURVEY LEGEND	

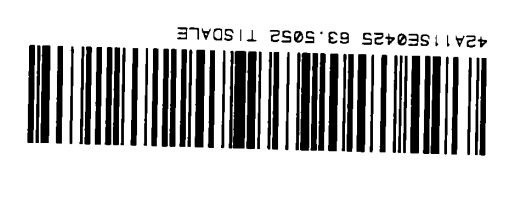




SURVEY LEGEND	
Instruments	PROTON PRECISION
Serial No.	561000
Details	561000
Contour	
Depression contour	
E.H. vanMeer GEOLOGICAL SERVICES INC.	
<b>MAGNETIC 63.5052</b> SURVEY 0417-106	
Client	CONS. THOMPSON-LUNDMARK GHL
Project	BELL LAKE TISDALE TWP
Scale	1 in. = 100 ft. C.I. = 20 gamma
Sheet	22-1-106
Drawn by	
Checked by	
Scale	NATIONAL ELECTED



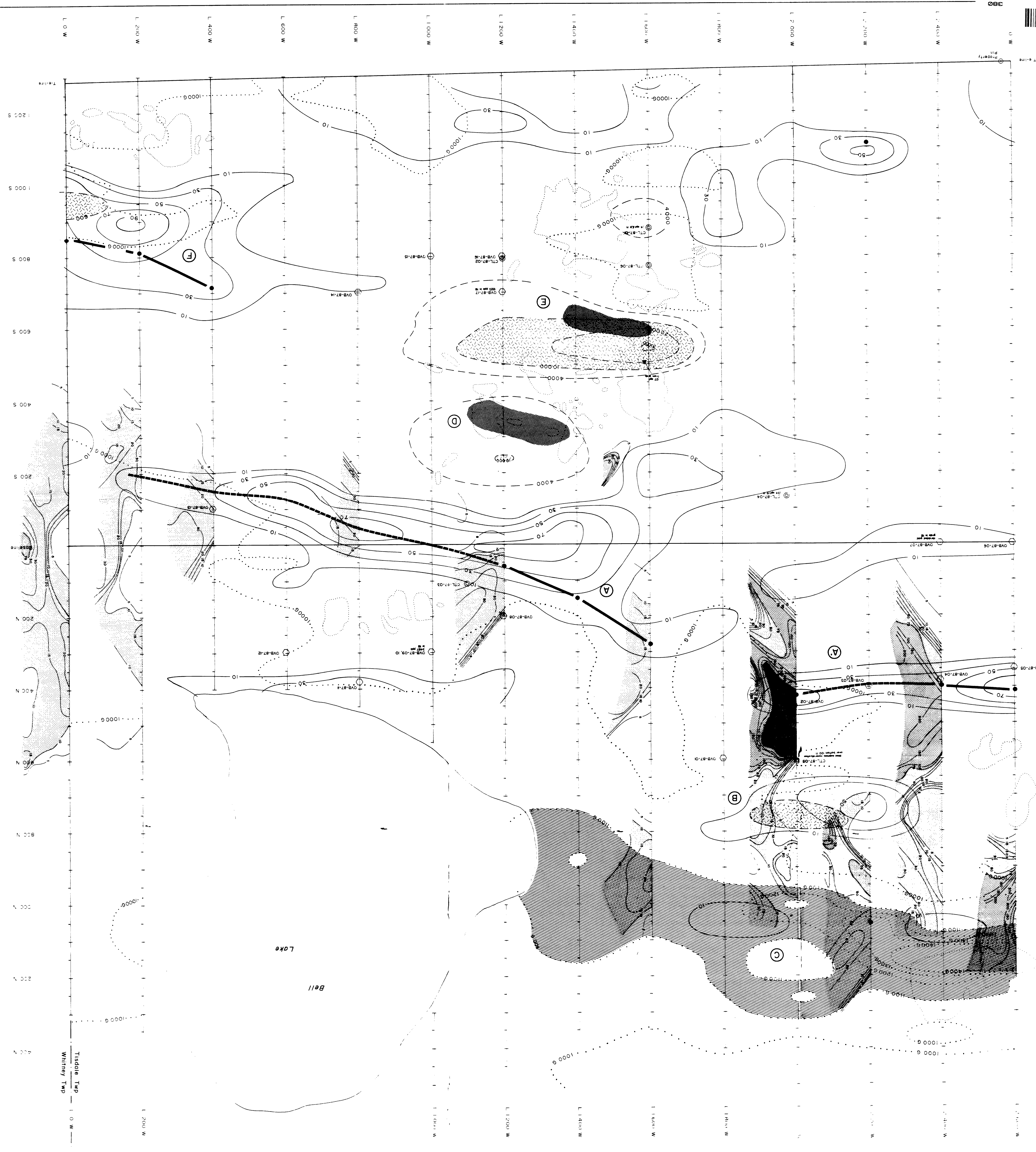
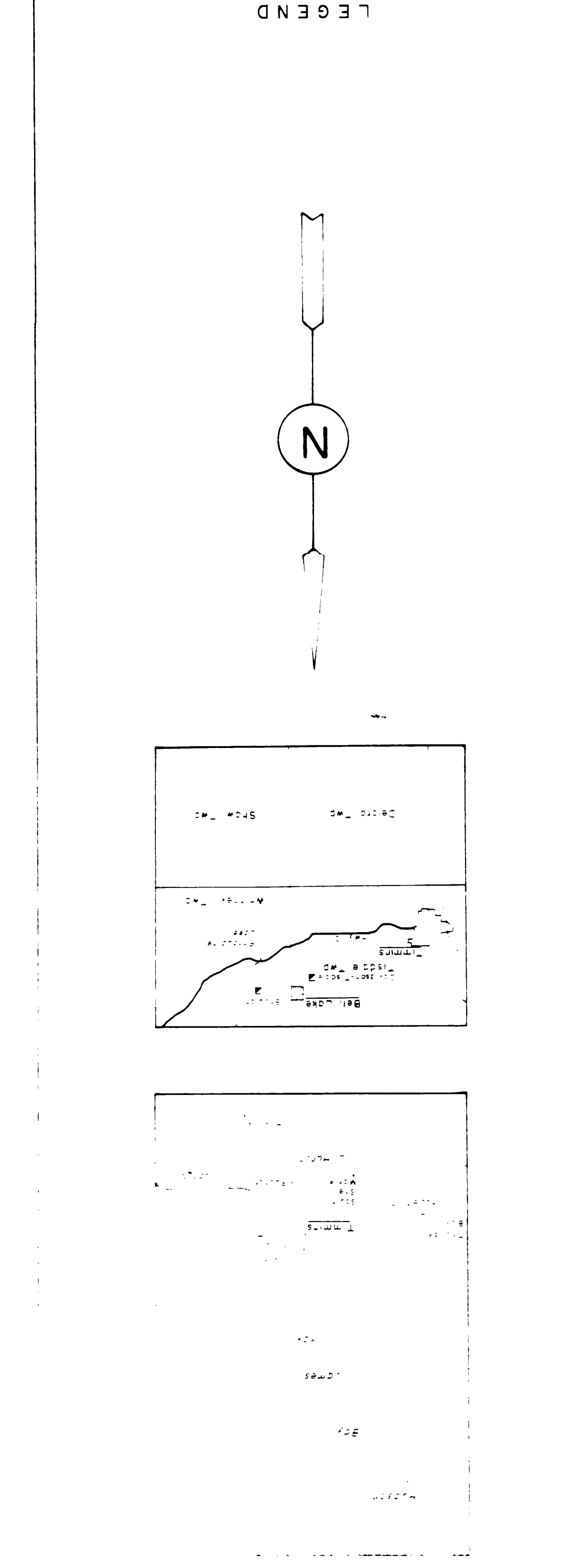




Title: **Geophysical Completion**  
 Client: **E. H. van Hees Geological Services Inc.**  
 Project: **Consolidated Thompson-Lundmark Gold Mines Limited**  
 Date: **November, 1987**  
 Author: **J. Wainley**  
 Scale: **1:50,000**  
 Map No: **23-5072**  
 Sheet No: **048-9-106**

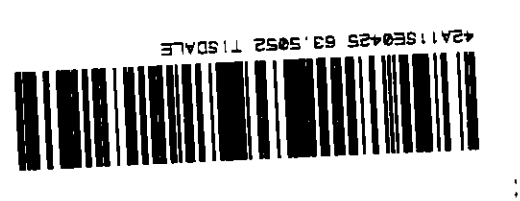
Compiled by: **J. Wainley**  
 Legend:

- Magnetometer High - Datum = 58000 G, Shaded Area Greater than 100 G above datum
- VLF - EMG Frasier Filter High, Station N55
- VLF - EMG Frasier Filter High, Station N44
- VLF - EMG Frasier Filter High, Station N55, Associated with Cross-overs
- VLF - EMG Frasier Filter High, Station N55
- IP Survey, Resistivity High (App) Shaded Area Greater than 600 and 1000 OHM FEET
- IP Survey, Pseudo-sections, App. Model Factor, Light Shade 10 to 75, Dark Shade Greater than 500, Pseudo-sections from N3 to N6
- Outcrop
- Brown Carbonate Alteration



1200 S  
 1000 S  
 800 S  
 600 S  
 400 S  
 200 S  
 Baseline  
 200 N  
 400 N  
 600 N  
 800 N  
 1000 N  
 1200 N

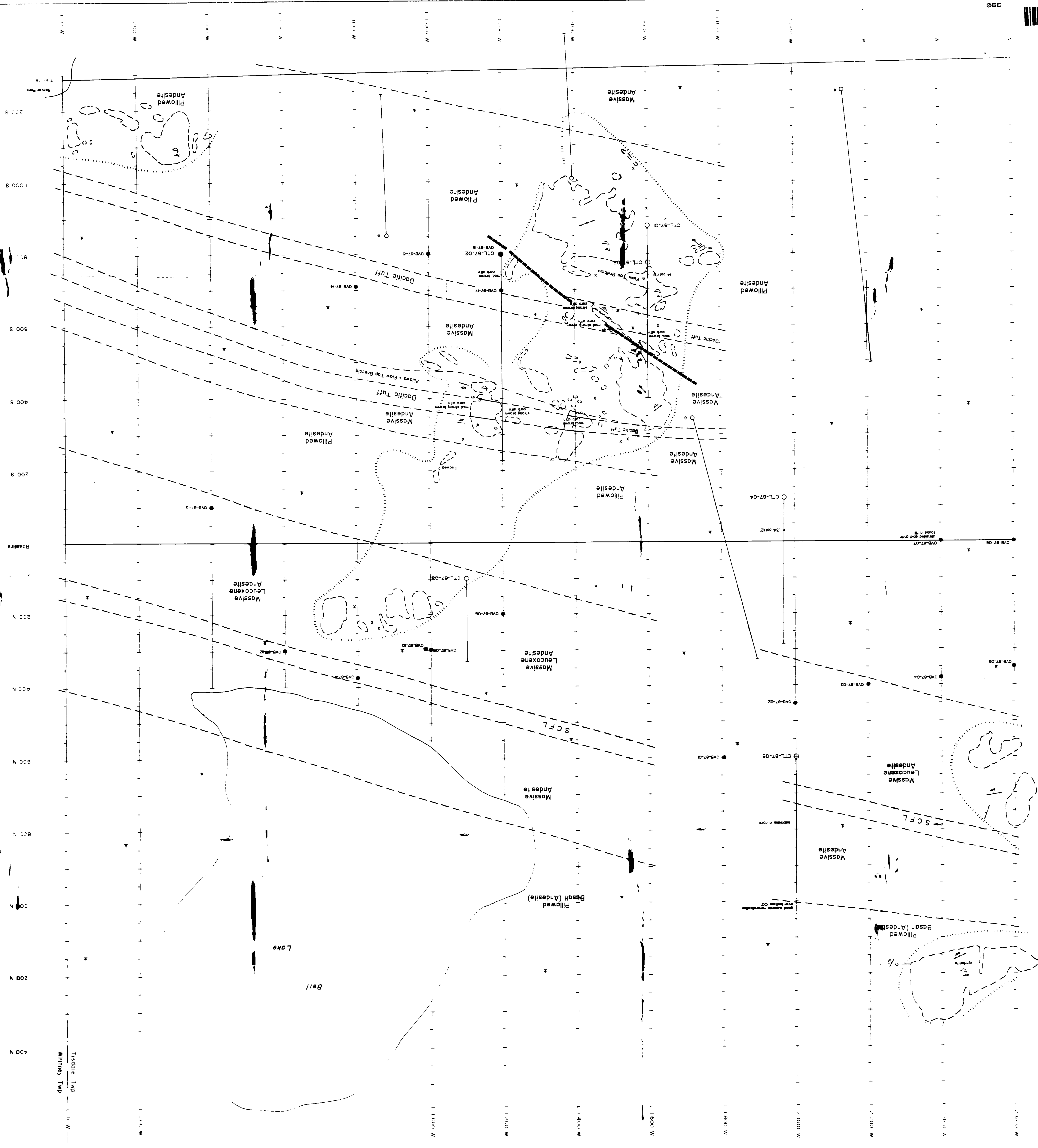
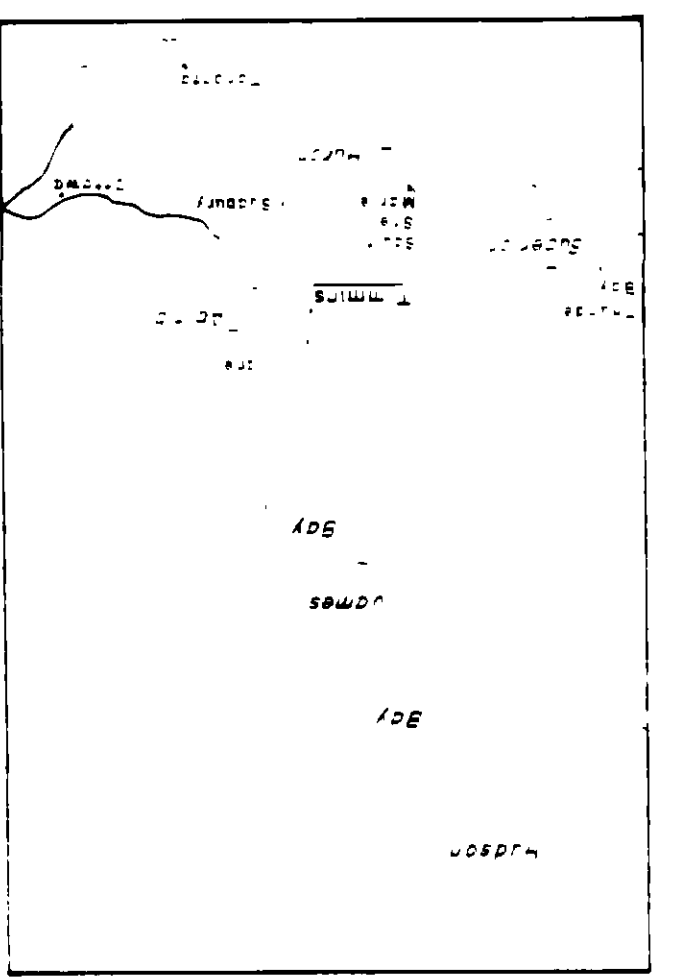
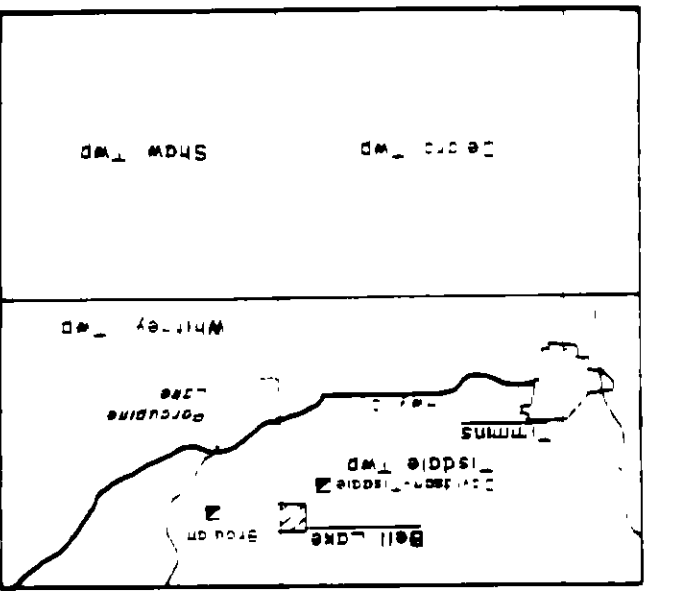
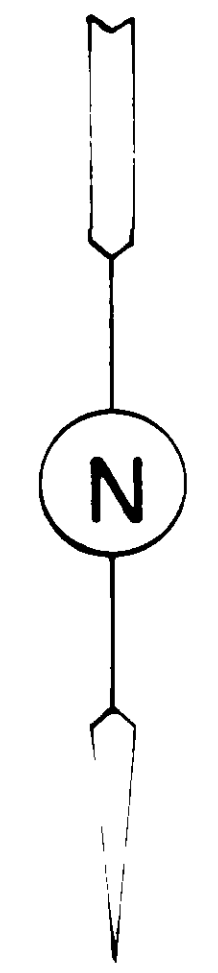
1000 W  
 1100 W  
 1200 W  
 1300 W  
 1400 W  
 1500 W  
 1600 W  
 1700 W  
 1800 W  
 1900 W  
 2000 W



Scale 1:50,000	Date November, 1987
Drawn by J. Whitley	Checked by J. Whitley
References	
Mining Div. 202578	Map Bell Lake
T.M.C. Area 2500	From Ontario
<b>Interpreted Geology</b>	
Consolidated Thompson-Lundmark Gold Mines Limited	
E. H. van Hees Geological Services Inc.	
63-5072	

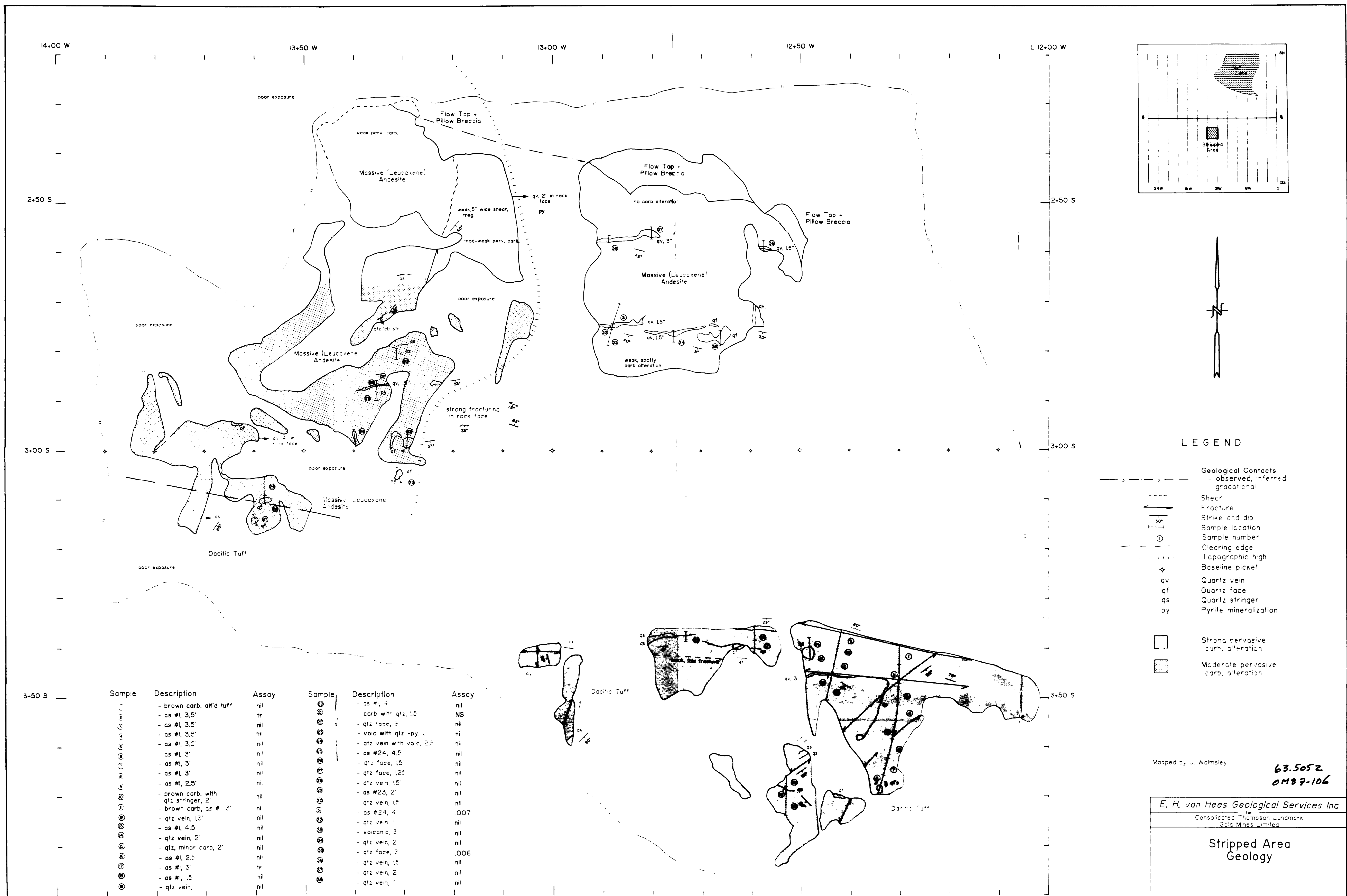
Topographic high	-----
Swamp	▲
Outcrop	○
RCD hole	●
Diamond drill hole	○
Quartz vein, quartz stringer	—
Bedding, veining, strike and dip	—
Fracture, strike and dip	—
Shear	—
Overturned pillows	—
Fault	—
Contact, interpreted	—
Contact, observed	—

LEGEND



Saddle Twp  
Whitney Twp





LEGEND

- Geological Contacts
  - observed, inferred
  - gradational
- Shear
- Fracture
- Strike and dip
- Sample location
- Sample number
- Clearing edge
- Topographic high
- ◆ Baseline picket
- qv Quartz vein
- qf Quartz face
- qs Quartz stringer
- py Pyrite mineralization
- Strong pervasive carb. alteration
- Moderate pervasive carb. alteration

Mapped by J. Walmsley  
 63.5052  
 0M87-106

E. H. van Hees Geological Services Inc.	
Consolidated Thompson Lundmark S&L Mining Limited	
<b>Stripped Area Geology</b>	
Township: Tisdale	Province: Ont.
Mining Division: Cochrane	Proj.: Bell Lake
Reference:	N.T.S.
Drawn: J. W.	Checked: J. W.
Drafted: J. W.	Date: Nov. 1987
Scale: 1" = 10'	Sheet:

Sample	Description	Assay	Sample	Description	Assay
1	- brown carb. att'd turf	nil	28	- as #1, 4	nil
2	- as #1, 3.5'	tr	29	- carb with qtz, 1.5'	NS
3	- as #1, 3.5'	nil	30	- qtz face, 3'	nil
4	- as #1, 3.5'	nil	31	- volc with qtz + py, 1'	nil
5	- as #1, 3.5'	nil	32	- qtz vein with volc, 2.5'	nil
6	- as #1, 3'	nil	33	- as #24, 4.5'	nil
7	- as #1, 3'	nil	34	- qtz face, 1.5'	nil
8	- as #1, 3'	nil	35	- qtz face, 1.25'	nil
9	- as #1, 2.5'	nil	36	- qtz vein, 1.5'	nil
10	- brown carb. with qtz stringer, 2'	nil	37	- as #23, 2'	nil
11	- brown carb, as #1, 3'	nil	38	- qtz vein, 1.5'	nil
12	- qtz vein, 1.3'	nil	39	- as #24, 4'	.007
13	- as #1, 4.5'	nil	40	- qtz vein, 1'	nil
14	- qtz vein, 2'	nil	41	- volcanic, 3'	nil
15	- qtz, minor carb, 2'	nil	42	- qtz vein, 2'	nil
16	- as #1, 2.5'	nil	43	- qtz face, 3'	.006
17	- as #1, 3'	tr	44	- qtz vein, 1.5'	nil
18	- as #1, 1.5'	nil	45	- qtz vein, 2'	nil
19	- qtz vein,	nil	46	- qtz vein, 1'	nil

14+00 W

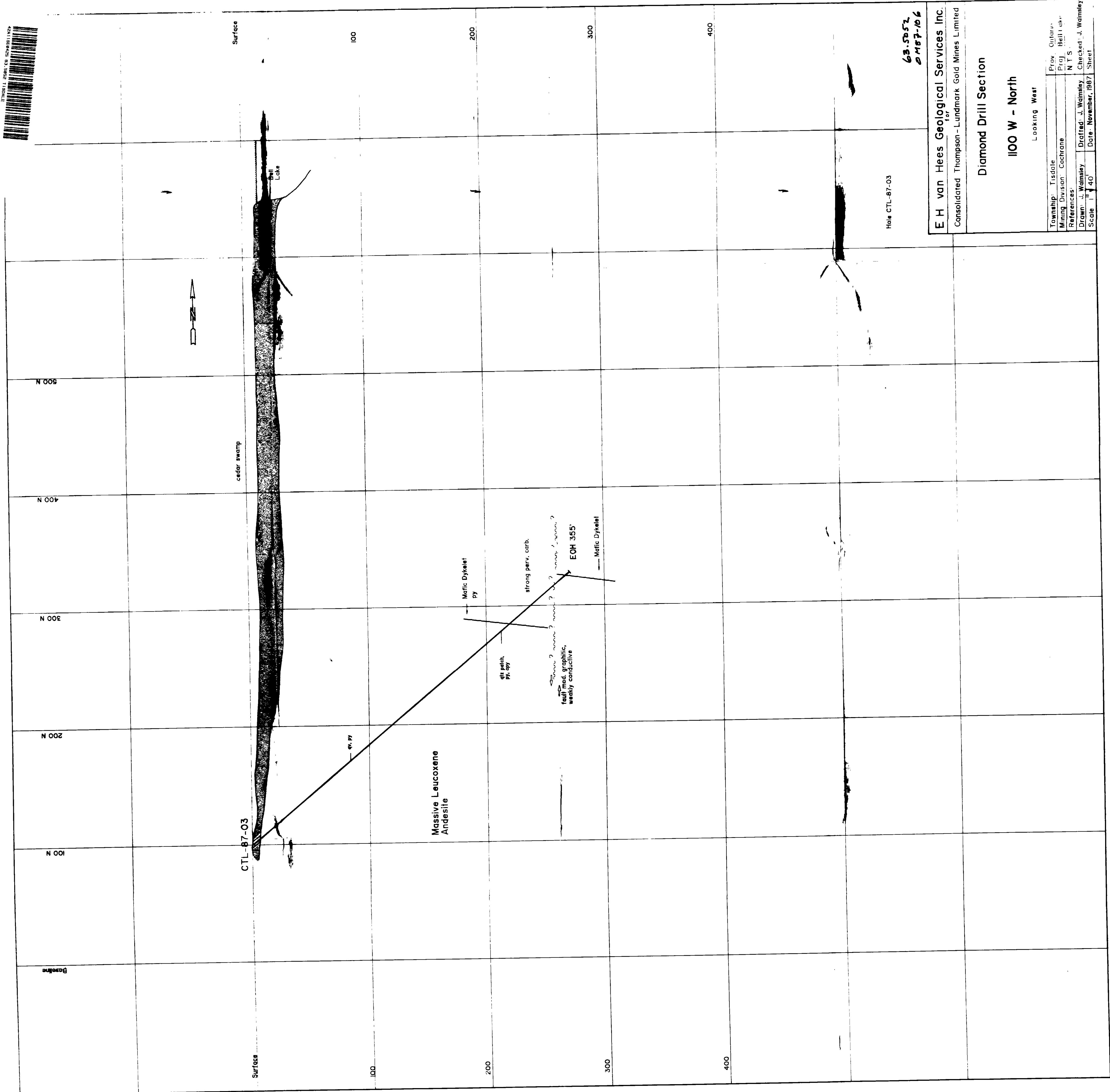
13+50 W

13+00 W

12+50 W

12+00 W

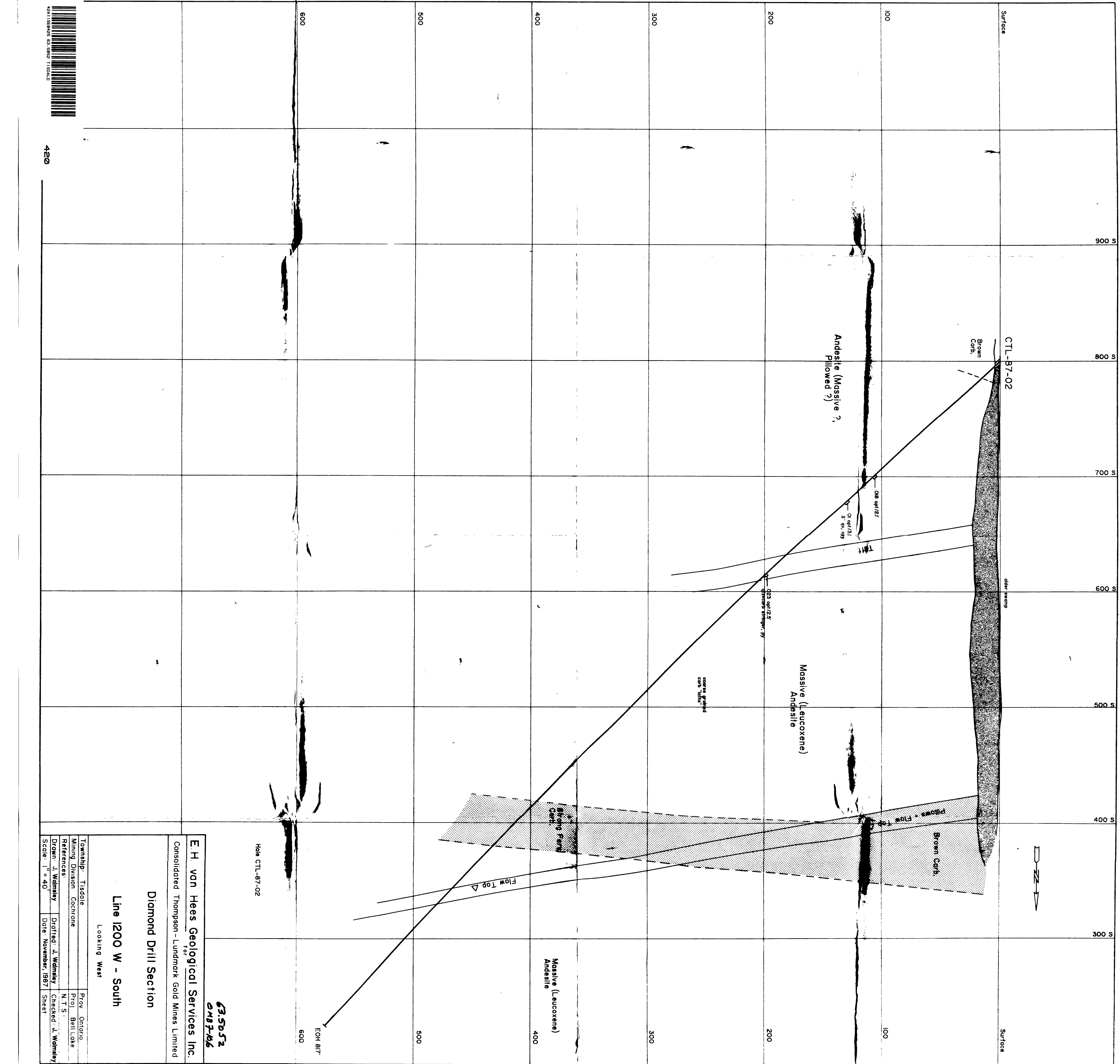




Hole CTL-87-03

63.5052  
2187-106

<b>E H van Hees Geological Services Inc.</b>	
Consolidated Thompson - Lundmark Gold Mines Limited	
<b>Diamond Drill Section</b>	
<b>1100 W - North</b>	
Looking West	
Township: Tisdale	Prov: Ontario
Mining Division: Cochrane	Proj: Hell Lake
References:	N.T.S.
Drawn: J. Wainmley	Drafted: J. Wainmley
Scale: 1" = 40'	Date: November, 1987
	Sheet



Hole CTL-87-02

63.5052  
0487.86

E. H. van Hees Geological Services Inc.  
for  
Consolidated Thompson - Lundmark Gold Mines Limited

Diamond Drill Section

Line 1200 W - South

Looking West

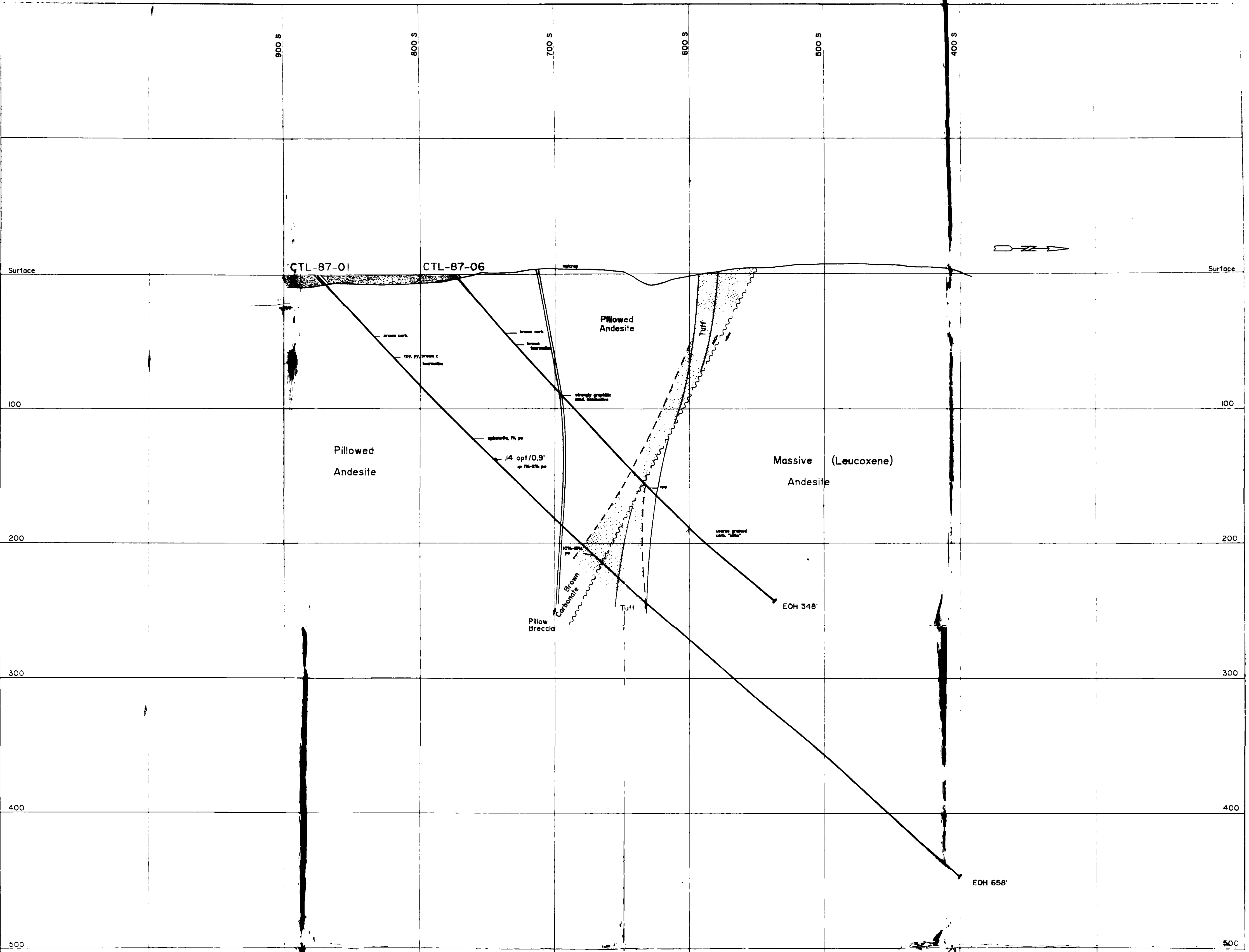
Township: Tisdale		Prov. Ontario	
Mining Division: Cochrane		Proj. Bell Lake	
References: N.T.S.			
Drawn: J. Wainman	Drafted: J. Wainman	Checked: J. Wainman	
Scale: 1" = 40'	Date: November, 1987	Sheet:	



401159495 53 5982 17304E

4220





Holes CTL-87-01  
and CTL-87-06

63 5052  
0M87-106

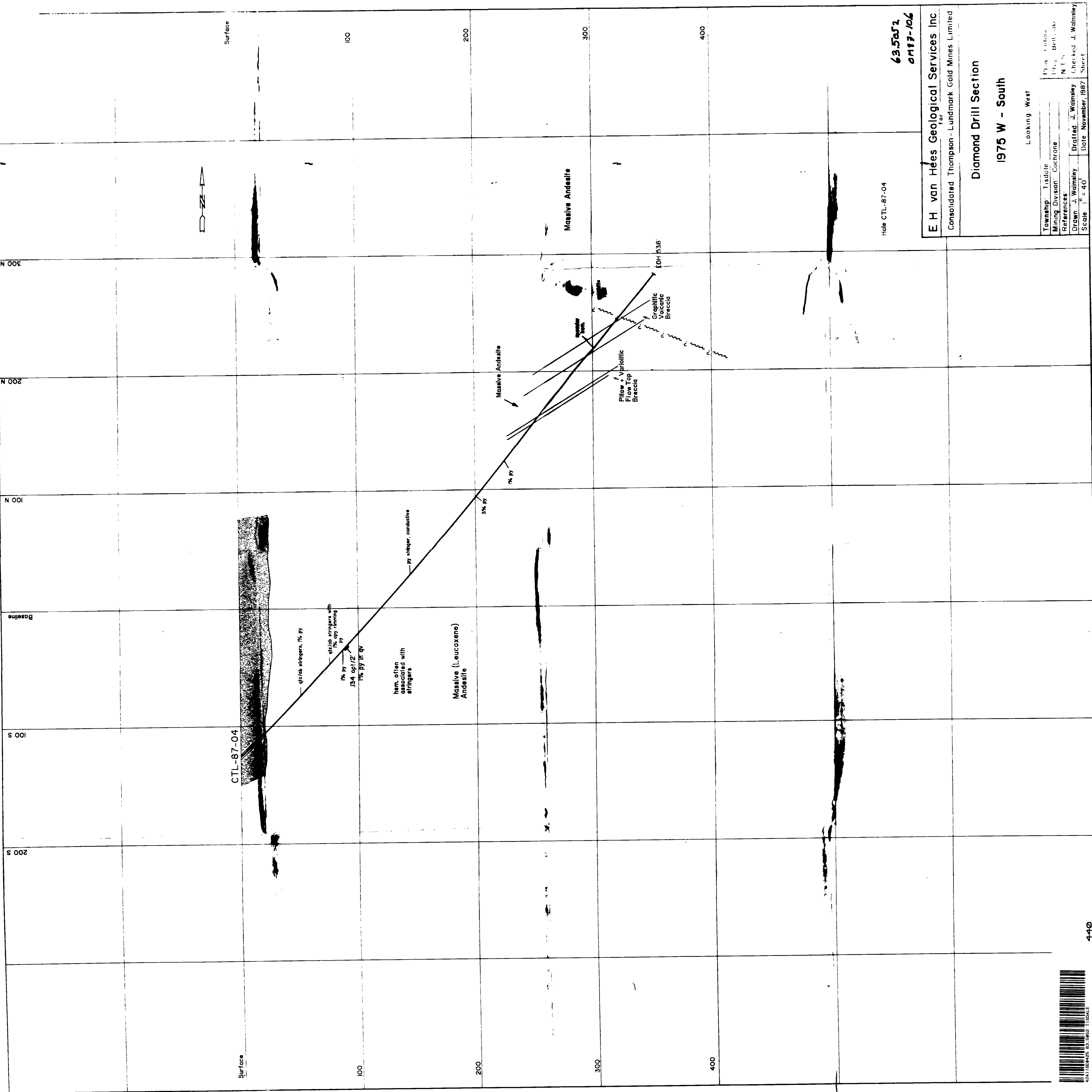
E.H. van Hees Geological Services Inc.  
for  
Consolidated Thompson-Lundmark Gold Mines Limited

Diamond Drill Section  
Line 1600 W - South

Looking West

Township	Tisdale	Range	12
Mining Division	Cochrane	Block	26
References	N.T.S.		
Drawn	J. Walsley	Drafted	J. Walsley
Scale	1" = 40'	Date	November, 1987





Hole CTL-87-04

63.5372  
0117-106

**E H van Hees Geological Services Inc.**  
for  
Consolidated Thompson - Lundmark Gold Mines Limited

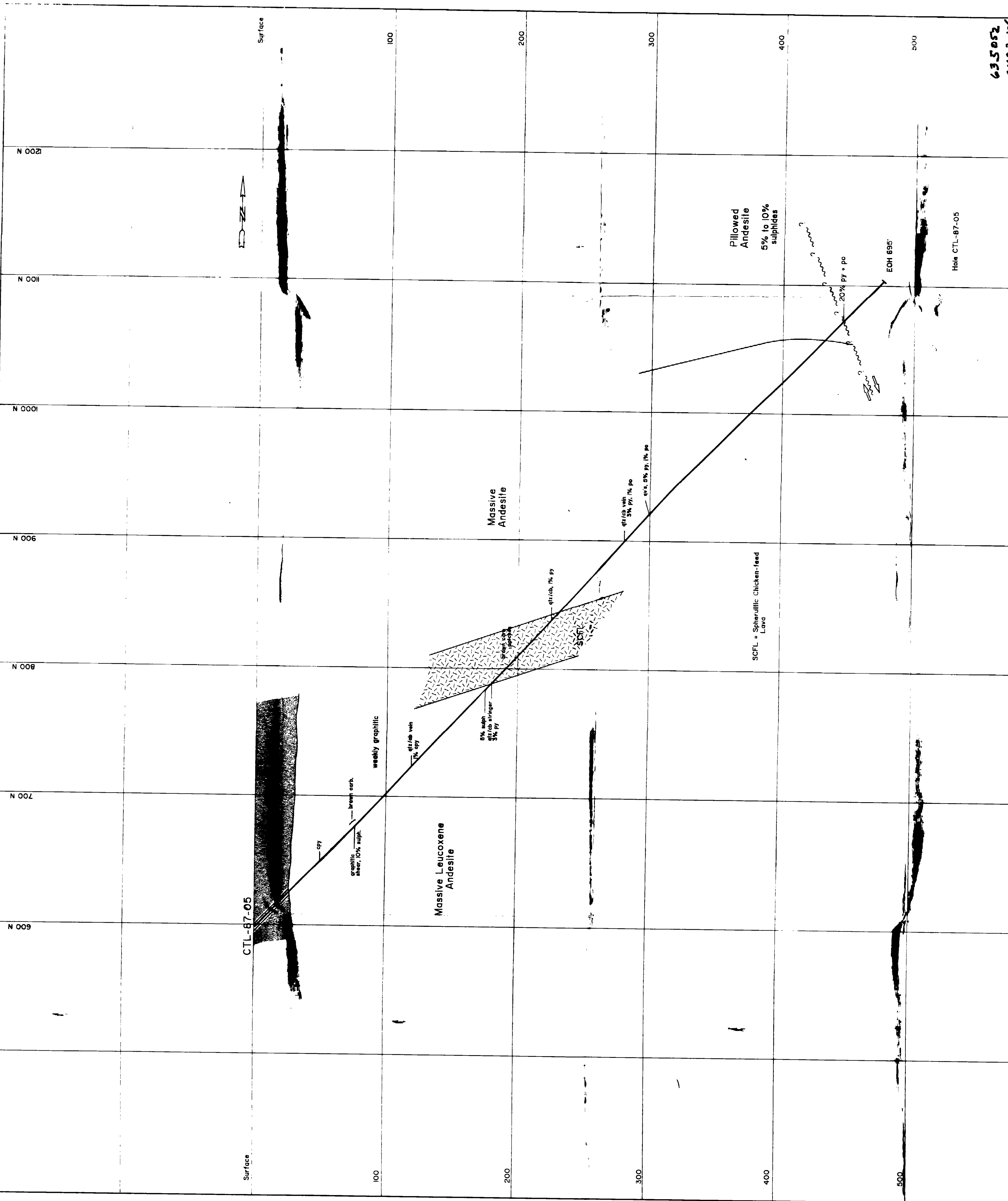
**Diamond Drill Section**  
**1975 W - South**

Looking West

Township: Tisdale	Proj: UTM
Mining Division: Cochrane	Proj: British
References:	N.T.S.
Drawn: J. Wainaley	Checked: J. Wainaley
Scale: 1" = 40'	Date: November, 1987
	Sheet



424132825 81-1982 T1304LE



635052  
0MB 7-106

<b>E. H. van Hees Geological Services Inc.</b>	
Consolidated Thompson - Lundmark Gold Mines Limited	
<b>Diamond Drill Section</b>	
<b>Line 2000 W - North</b>	
Looking West	
Township	Tisdale
Mining Division	Cochrane
References:	N.T.S.
Drawn	J. Walmaley
Scale	1" = 40'
Drafted	J. Walmaley
Date	November, 1987
Sheet	



4241158425 63 5862 TISDALE