METALORE RESOURCES LTD.

REPORT ON A MAGNETOMETER AND VLF-EM SURVEYS ON THE KNOX LAKE NORTH GRID IRWIN TOWNSHIP, ONTARIO

FEBRUARY 1987

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SUMMARY

Ground magnetic and VLF-EM surveys were conducted on the Knox Lake North Grid in Irwin Township, northeast of Beardmore, Ontario. It was the purpose of this program to compile a regional geophysical survey and isolate potential areas for deformed and altered zones. A detailed geological map is required for this program to be complete prior to drilling.

The magnetics on the grid are generally lensoidal with magnetic highs and associated magnetic lows, They are primarily concentrated between L32+00W and L56+00W south of Foxear Creek.

The VLF-EM survey results indicate the presence of six conductors, where two of the conductors occur in close proximity to the magnetism.

INTRODUCTION

The purpose of this report is to briefly summarize the geophysical results of a magnetometer and VLF-EM surveys conducted during January 1986, on the Knox Lake North Grid located in Irwin Township. The Metalore Resources property near Beardmore, Ontario is accessible by a good gravel road north from Provincial Highway 11. The Knox Lake North Grid is accessible by bush road traversing southwest, across the Brookbank Contact Zone to the west shore of Knox Lake. A location map is provided on each Plate.

PREVIOUS WORK AND GEOLOGY

Limited prospecting, trenching, geophysical and geological programs were conducted by previous operators on the east-west strike of a metasedimentary-volcanic contact and possible shear zones within the volcanic-intrusive contact sequences.

Noranda, in 1975 conducted a limited geophysical and geological program on part of the Knox Lake North Grid. No recorded report was found with the survey and geology maps. The author has not been able to locate any other previous work in this area.

GEOPHYSICS

Magnetometer Survey

A magnetic survey was conducted using a Scrintrex Proton MP 2Magnetometer where readings were recorded at 25 foot intervals..A base station at camp, was used at the beginning and end of the recordings during each day. No untoward magnetic disturbance was experienced during the survey dates and the readings were corrected for diurnal drifts.

Results

The magnetic signature is useful in defining volcanic trends and boundaries. At locations where sediments lie in contact with volcanics, an abrupt change commonly occurs from low magnetic relief over the sediments, to variable generally high magnetic relief over the volcanics with associated intrusives. The Knox Lake North Grid is an example where a pronounced lithology of polymictic metaconglomerates occur along the north shore of Knox Lake, that is, associated with a magnetic flat. At the contact between the conglomerates and the volcanics a pronounced change of magnetics occur. At least three broad series of magnetic highs and lows occur trending approximately east-west. They are as follows:

1. Between L40+00W to L66+00W; at the baseline;
2. Between L24+00W to L58+00W, in particular L38+00W to L48+00W; at approximately 6+00N.
3. Between L48+00W to L88+00W (continued to Patter Lake); at approximately 10+00N.

Interpretation within the Volcanics

The narrow, yet very distinct magnetic highs and lows may represent intrusives (highs) in contact with ductile volcanics or sediments which may be sheared and subsequently altered (lows). The lenses of magnetism which are of particular interest are located between L38-41W, L51-56W, (as mentioned above), on the north side of the magnetic highs.

The results are plotted and contoured on the magnetometer survey map.

Geonic EM-16 Survey

A Geonics EM-16 unit was used for the survey and Cutler Maine (17.8 Hz frequency) was utilized for the transmitter station. Normal accepted operational procedures were used at all times. Both the dip angle and the horizontal field strength (HFS) were measured at 100 foot intervals.

Results Knox Lake North Grid L0+00 to L68+00W

Conductor A L0+00 to L36+00W

This conductor is a long linear feature that is disrupted at L36W by conductor E.

Conductor B L4+00W to L64+00W- interrupted at L46+00W

This conductor is a long linear feature that traverses across the length of Knox Lake. It is interpreted as a shear zone within the polymictic metaconglomerate unit.

Conductor C L38+00W to L48+00W

This conductive zone is located just north of Knox Lake. It is a shorter linear feature and must be investigated.

Conductor D L50+00W to L68+00W

This conductive zone is a long linear feature which continues to Patter Lake.

Conductor E L38+00W to L68+00W

As mentioned for Conductor A.

Conductor F L36+00W to L50+00W

This conductive zone is a shorter linear feature that is located just south of Foxear Creek. This conductor must be investigated.

There is a magnetic correlation with Conductors E and F, which warrants further investigating for possible gold bearing zones.

Conclusions

The Knox Lake North Grid is an area with numerous magnetic lenses , particularly between L32+00W and L56+00W, which are of interest. Associated with this area of magnetism are Conductors E and F. They occur in close proximity to the flanks of the magnetic low to the north and magnetic high to the south. This area warrants further investigating for possible gold bearing zones.

Recommendations

1. A detailed geological mapping program must be made for the Knox Lake North Grid.

2. A diamond drilling program should be conducted in the area of magnetism with associated VLF conductors and contacts between two different rock lithologies with an intrusive in close proximity.

REFERENCES

Moffat, G.W. 1975: Noranda Geology Map in Irwin Township, Ontario.

Swire, G. and Junkal, B. 1975: Noranda VLF-EM Map in Irwin Township, Ontario.

APPENDIX

PROGRAM STATISTICS

Magnetometer Survey

9.3 Line Miles

1964 Station Readings

VLF-EM Survey

9.3 Line Miles

984 Station Readings

Author's Qualifications

I Barbara Kowalski received my B.Sc. degree in geology from McMaster University,Hamilton, Ontario in 1983. Since that time I have been employed as a geologist for the Ontario Geological Survey (Economic Division), and as a senior geologist to chief geologist for Metalore Resources Ltd.

I am author of this report and am responsible for its contents.

Barbara S. Kowalski

NOTE: The geophysical maps at the back of this report were prepared by GLM EXPLORATIONS SERVICES, Murillo, Ontario.

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METALORE RESOURCES LTD.

SUMMARY REPORT OF THE 1985-86 GEOLOGICAL, GEOPHYSICAL AND DIAMOND DRILL PROGRAM ON THE CHERBOURG GOLD PROPERTY

IRWIN TOWNSHIP, ONTARIO

OM84-408

Barbara Kowalski
Chief Geologist

BK

SUMMARY

The 15 leased claims on the Cherbourg (Knox Lake) property are located approximately 14 miles northeast of Beardmore, Ontario. A nominal amount of stripping, trenching, sampling and a few Winkie holes were completed in the 1930's, on the following areas:

1. Three trenches were located on or in close proximity to the contact between a polymictic metaconglomerate to the north and mafic volcanic to the south. Extreme deformation and alterations with associated mineralization occur along this westerly extension of the Metalore Contact Zone. The Metalore Contact Zone consists of an anastomosing fault from the regional Paint Lake Fault that meanders and defines the contact between two rock lithologies.

2. Numerous pits and trenches were located along a well mineralized quartz-carbonate vein known as the 'Galena Vein'. This vein can be traced over a 2,000 foot strike length, where significant gold values occur primarily in the deformed and altered wallrocks which partially follows, that is, parallels and in contact with a thin lens of conglomerate.

3. An analogous quartz-carbonate vein occurs on the most easterly section of the grid. Lower gold values occur within the deformed and altered wallrocks.

4. A chert horizon which extends over 3,200 feet across the Cherbourg occurs 500 to 600 feet south of the baseline. Three narrow and erratic high grade quartz-carbonate stockwork veins occur at and south of the chert.

A magnetometer (6 mi) survey was conducted over the Cherbourg (Knox Lake) grid. The magnetic signature strongly defines the diorite by a high magnetic relief. Moderate magnetic relief is expressed in the volcanics and a flat low magnetic relief indicate areas where sediments or possible alteration zones exist.

RECOMMENDATIONS

There are four areas on the Cherbourg property which are of particular interest and should be investigated with a diamond drill hole program. They are as follows:

1. The contact between the polymictic metaconglomerate and mafic volcanic, with a diorite in close proximity to the contact. Close attention should be given to areas where braod or tight folds might occur along the contact, which may be indicated by VLF or by the magnetics. The contact should be tested at 300 to 400 foot intervals with an average of 300 foot holes, with emphasis on the following locations:

a)	DDH C-2+80W-1	Line 2+80W,	8+00N	Az.	342°	Dip	-42°
b)	C-13W-1	13+00W,	6+70N		342°		-45°
c)	C-17W-1	17+00W,	9+00N		342°		-42°
d)	C-21W-1	21+00W,	8+30N		342°		-42°
e)	C-25W-1	25+00W,	7+50N		342°		-42°
f)	C-27W-1	27+00W,	7+50N		342°		-42°
g)	C-35W-1	35+00W,	7+50N		162°		-45°
h)	C-39W-1	39+00W,	7+60N		162°		-45°
i)	C-43W-1	43+00W,	4+00N		342°		-45°

Nine holes, 300 feet in length (average), total footage 2,700 ft.

Should any of the above holes encounter silicification with finely disseminated mineralization or mineralization associated with chlorite and sericite veinlets additional adjacent drilling at 200' or less spacings should immediately be considered.

2. The two holes drilled on the 'Galena Vein',(C-31W-1, C-33W-1) indicate a lens of sediments at the contact with volcanics to the north (not exposed on surface). An alteration zone exists where gold enrichment occurs. The 'Galena Vein' should be drilled at two hundred foot spacings across the area of principal trenching as follows:

a)	DDH C-35W-2	Line 35+00W,	3+50N	Az.	162°	Dip	-42°
b)	C-29W-1	29+00W,	3+50N		162°		-42°
c)	C-27W-2	27+00W,	3+00N		342°		-42°

Should an intense zone of alteration with mineralization be encountered the hole should be steepened to -65° and drilled deeper. In addition adjacent holes should be drilled at 100 foot spacings.

The vein should be further investigaed to the east with 400

foot spaced holes as follows:

d)	DDH C-23W-1	Line	23+00W, 3+00N	Az.	342°	Dip	-42°
e)	C-19W-1		19+00W, 4+00N		342°		-42°
f)	C-15W-1		15+00W, 5+00N		342°		-42°
g)	C-13W-1		13+00W, 5+00N		342°		-42°

Holes a and b should be drilled to an average depth of 400 feet, hole c to a depth of 200 feet.
Holes d to g should be drilled to an average depth of 250 feet, for a total footage of 2,000 feet.

3. The third area of interest is located at and just north of the baseline between Line 0 and Line 8+00W. This quartz-carbonate zone should be investigated by drilling two hundred foot spaced holes at the following locations:

a)	DDH C-7W-1	Line	7+00W, 1+00N	Az.	162°	Dip	-42°
b)	C-1W-1		1+00W, 0+50S		342°		-45°

Two holes to be drilled to an average of 350 feet, for a total footage of 700 feet.

Once again should significant alterations with mineralization occur, -65° holes are to be drilled to depth.

4. The last area of interest is a chert horizon with a quartz-carbonate vein cross-cutting in the vicinity of Lines 24+00W to 28+00W, 4+00 to 4+50S. A series of 400 foot spaced holes should be drilled across the chert, (average length 250') as follows:

a)	DDH C-32W-1	Line	32+00W, 2+00S	Az.	162°	Dip	-42°
b)	C-28W-1		28+00W, 6+00S		342°		-42°
c)	C-24W-1		24+00W, 6+00S		342°		-42°
d)	C-20W-1		20+00W, 6+00S		342°		-42°
e)	C-16W-1		16+00W, 6+50S		342°		-42°
f)	C-12W-1		12+00W, 6+50S		342°		-42°
g)	C-8W-1		8+00W, 7+00S		342°		-42°
h)	C-4W-1		4+00W, 7+00S		342°		-42°
i)	C-0W-1		0+00 , 5+00S		342°		-42°

Nine holes for a total footage of 2,250 feet.

In addition the following holes should be drilled across the vein in the area of principal trenching, with associated magnetics as follows:

a)	DDH C-33W-1	Line	33+00W, 6+00S	Az.	342°	Dip	-42°

b)	DDH C-30W-1	Line 30+00W,	6+00S	Az.	342°	Dip	-42°
c)	C-25W-2		25+00W, 3+50S		162°		-42°
d)	C-22W-1		22+00W, 2+90S		162°		-42°

Four holes for an average length of 200 feet, for a total footage of 800 feet.

There are two analogous quartz-carbonate stockwork of veins and stringers which should be tested by drilling an average of 250 foot holes across the area of principal trenching and associated geophysical signatures as follows:

a)	DDH C-29W-2	Line 29+00W,	8+50S	Az.	342°	Dip	-42°
b)	C-28W-1		28+00W, 6+00S		162°		-42°
c)	C-32W-2		32+00W, 8+50S		342°		-42°
d)	C-28W-2		28+00W,10+50S		162°		-42°
e)	C-26W-1		26+00W,11+50S		342°		-42°

Five holes for an average length of 250 feet, for a total footage of1,250 feet.

The total footage for the program is 9,700 feet.

INTRODUCTION

The purpose of this report is to briefly summarize the 1985-86 work program on the Cherbourg (Knox Lake) property in Irwin Township. This property is accessible by a good gravel road four miles north from Provincial Highway 11 and eight miles east of Beardmore, Ontario.

PREVIOUS WORK AND HISTORY

The first recorded exploration work was performed by K.L. Exploration Company Limited in 1935. At that time three showings were investigated as follows: 1. The 'Galena Vein', 2. the westerly extension of the Brookbank 'break' and 3. the southern quartz veins. Coleman optioned the southern portion of the property and examined the showings with stripping, trenching, pitting, detailed sampling and some short drill holes (average 50'). A sample plan map of the workings is available in the Ministry of Northern Development and Mines in Thunder Bay. The descriptions of the three main showings were recorded in Mackasey's report (1975).

The 15 leased claims were held by Cherbourg Gold Mines Limited since 1967. In March of 1985 Metalore Resources Limited purchased the property from Cherbourg Gold Mines Limited.

REGIONAL GEOLOGY

The Beardmore-Geraldton area is geologically located within the Superior Province of the PreCambrian Shield. It is comprised of a series of east-west striking volcanic-sedimentary rocks, characterized by parallel regional faults and localized mafic and felsic intrusives. Numerous gold-bearing occurrences and past producing gold mines occur within the greenstone belt. Detailed descriptions of the various gold properties are referred to in the 1975 Geological Report No. 122 by W.O. Mackasey.

PRESENT WORK AND RESULTS

A) Property Geology

The geological lithologies on the Cherbourg grid may be classified into four distinct areas, from north to south, as follows:

1. The east-west trending stratigraphic succession consists of massive mafic volcanics overlain by polymictic metaconglomerates. The basal unit of the metaconglomerates is in turn overlain by a pebbly sandstone conglomerate. These units

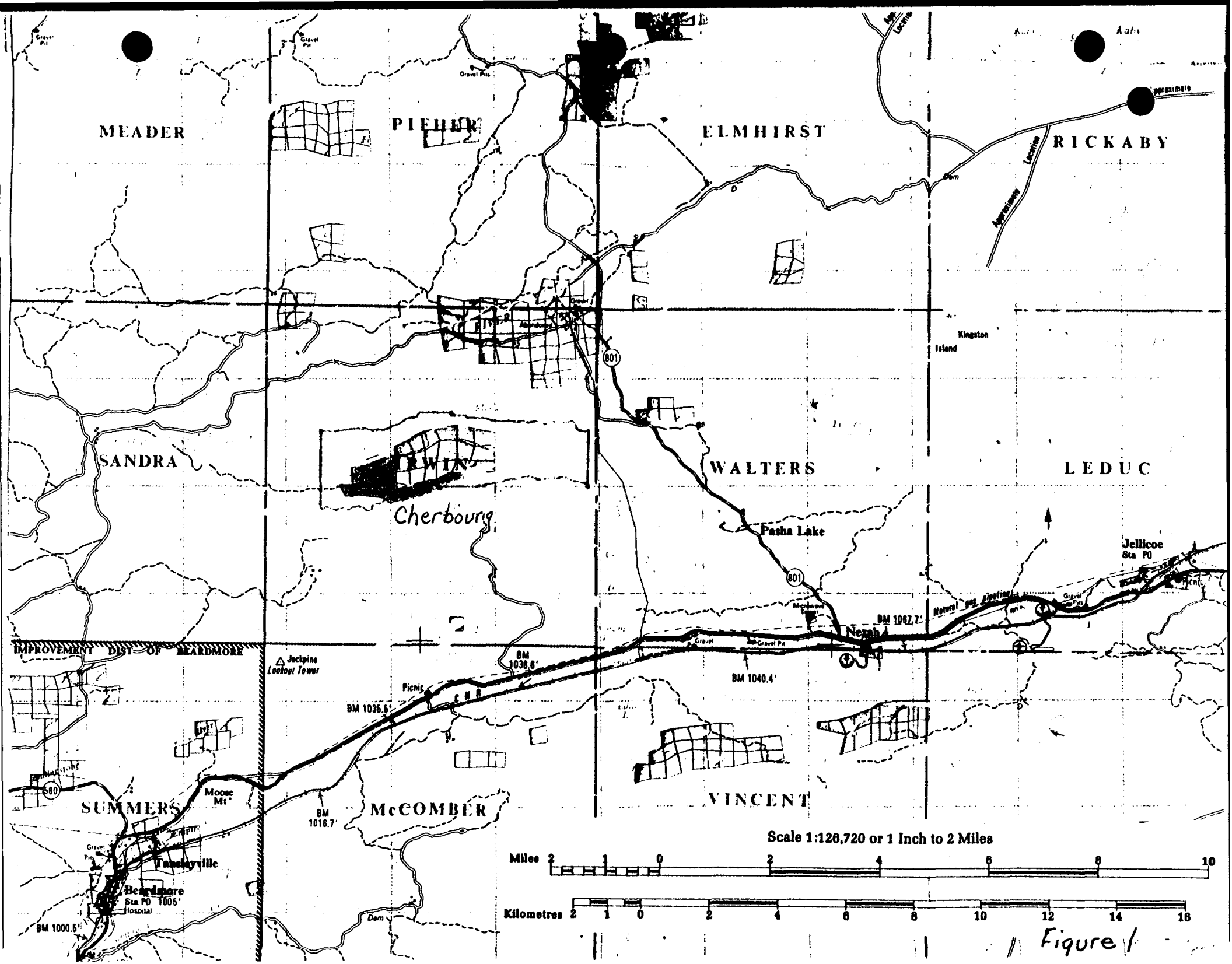

MEADER
PIEHER
ELMHIRST
RICKABY
Kingston Island
SANDRA
IRWIN
Cherbourg
WALTERS
LEDUC
Pasha Lake
Jellicoe Sta PO
Nezah
BM 1067.2'
BM 1040.4'
BM 1038.6'
BM 1036.5'
IMPROVEMENT DIST OF BEAUMONT
Jackpine Lookout Tower
Picnic
C N R
SUMMERS
Moose Mt
McCOMBER
VINCENT
BM 1016.7'
Tabbyville
Beaumont Sta PO 1005'
Hospital
BM 1000.5'
Scale 1:126,720 or 1 Inch to 2 Miles
Miles 2 1 0 2 4 6 8 10
Kilometres 2 1 0 2 4 6 8 10 12 14 16

Figure 1

were overturned in the geological progression and the volcanics now dip to the south with pillow tops facing north. A diorite intrudes the mafic volcanics and extends for several thousand feet along the flank of the volcanic-sedimentary contact.

This volcanic-sedimentary contact is an extension of the Brookbank 'break' and is characterized by a zone of intense deformation and alterations as indicated in a trench located on Line 43+00W, 5+50N. Within the trench, the rocks have been sheared and altered. The volcanics at or in close proximity to the contact have been altered with Fe-carbonate, hematite, chlorite and possibly silicified. The mineralization primarily consits of fine-grained disseminated pyrite and specularite. Alterations which are common to the conlgomerates are sericite, chlorite and silicification. Finely disseminated pyrite is the main sulphide within the sediments.

The Brookbank contact zone is also characterized by a narrow band of silicified black amorphous graphite with white quartz stockwork, which marks the contact between the altered volcanics and recognizable conglomerates. This was observed in DDH C-21W-1.

2. The southern margine of the diorite is marked by a contact with mafic volcanics. The volcanics are in turn in contact with a lens of sediments, where extreme deformation and alterations make it very difficult to recognize the sediments. This lens of sediments was observed in two diamond drill holes C-31W-1 and C-33W-1 (200' apart). A quartz carbonate vein known as the 'Galena Vein' (by Laird) occurs within the deformed and altered zone and strikes NE into the diorite. The quartz-carbonate vein characteristically boudinages from an inch to a maximum of 30 inches on surface (Mackasey, 1975) but has been observed in the two diamond drill holes to be 6 and 8 inches in corelength. The vein may not necessarily be mineralized; however, the wallrocks are commonly mineralized with galena, chalcopyrite, pryite, specularite and may carry gold values. The vein can be traced on surface for a length of approximately 2,000 feet.

3. An analogous second quartz-carbonate zone occurs within a volcanic unit south of the diorite, from Line 7+00W, 0+50N, eastward onto the Brookbank property. The wallrocks to the vein are deformed, altered and are typically mineralized with pyrite and minor chalcopyrite, specularite and galena. This deformed and altered zone carries nominal gold values, generally lower than the 'Galena Vein'.

4. A narrow chert horizon occurs within the mafic volcanics,

approximately 5+00S of the baseline. The chert can be traced on surface for a strike length of approximately 3,200 feet and continues eastward onto the Brookbank property. The chert is siliceous and occurs in variable colours such as beige, orange and lime. The distinct colours are due to hematite and epidote staining. The chert is sparsely mineralized with local finely disseminated pyrite and does not carry significant gold values where sampled.

A quartz-carbonate vein cross-cuts the chert at approximately Line 28+00W, 4+00S at an angle of N13°E and dips 70°S. This vein is narrow (inches) and the wallrocks are weakly to moderately deformed and altered. The principal alteration being chlorite. The wallrocks are mineralized with pryite, however, in the area of Line 30+00W, 5+00S galena and chalcopyrite are the main sulphides with associated gold. This enrichment of gold appears to be isolated or lensoidal with no significant strike length, however, the vein itself can be traced over 1,400 feet with numerous pits and trenches along the length of the vein.

Two similar quartz-carbonate stockwork of narrow veins and stringers occur on Line 29+00W, 8+00S and Line 27+00W, 11+00S. Some significant gold values occur; however, several similar types of veins would have to be located to establish tonnage. Although these veins initially appear to be too small to have economic implications. This operation could be very time consuming where extensive stripping, mapping and sampling are necessary. These two veins were worked by Coleman, as previously mentioned.

The property was mapped in detail and sampled by the author. The results of the grab samples taken from the old workings are listed and described in Table 1 and Plate 1.

A short diamond drill hole program was conducted on the property with 6 holes drilled for a total footage of 1,865'. The results are listed on Plate 2 and on the diamond drill logs.

Table 1 Cherbourg (Knox Lake) Surface Sample Results

Location	Sample #	Description	Au oz/ton
1. 43+00W 5+50N	10396	-contact between the mafic volcanics and conglomerate -sheared mafic volcanic quartz-carbonate vein -Fe-carbonate,silicified -specularite and pyrite	0.02
2. 39+00W 1+00N	10395	-quartz-carbonate vein -2% grey silicification -arsenopyrite, pyrite	0.008
35+00W Baseline	10393	-quartz-carbonate vein -pyrite	0.02 (Cu 17ppm)
34+00W 0+50N	2029	-quartz-carbonate vein -40% qtz+carb,10% chlorite+ sericite,2% grey silicif-ication -less than 1% fine-grained disseminated pyrite	0.44
33+00W 2+25N	10383	-3 to 4 foot quartz-carb. vein. It is milky white. -3% fine- to coarse-grained pyrite, 2% chalcopyrite, galena	0.022 (Ag 0.11) (Cu 16ppm)
	10384	-sugary quartz-carb. vein -3% chlorite veinlets with associated fine-grained pyrite (3%), chalcopyrite (much less than ½%)	0.068 (Ag 0.19) (Cu 32ppm)
32+40W 2+50N	10385	-quartz-carbonate vein -30% grey silicification -1% fine-grained pyrite 1% fine-grained chalcopyrite 1% fine-grained galena	0.068 (Ag 0.75) (Cu 18ppm)
32+00W 2+15N	10386	-quartz-carbonate vein -30-50% smoky silicif-ication -15% massive chalcopyrite 1% fine grained pyrite	2.91 (Ag 2.45) (Cu 98ppm) (Mo 286ppm)

Table 1 cont'd.

Location	Sample #	Description	Au oz/ton
31+55W 2+50N	10387	-quartz vein (smoky to white in colour) -Ca- and Fe-carbonate -2% very fine-grained pyrite, less than ½% chalcopyrite	0.052 (Cu 97ppm)
	10388	-brecciated and carbonated quartz vein -less than 1% fine-grained pyrite, less than 1% fine-grained chalcopyrite	0.528 (Cu 244ppm)
	10389	-30% dark grey silicification in sugary white quartz vein -2% fine-grained pyrite -less than ½% chalcopyrite	0.166 (Cu 76ppm)
31+35W 2+50N	10390	-30% dark grey silicification in sugary white quartz vein -2% fine-grained pyrite -less than 1% fine-grained chalcopyrite -less than 1% fine-grained galena	0.446 (Ag 1.97) (Cu 131ppm)
31+00W 2+65N	10391	-sugary white quartz-carb vein -2% fine-grained pyrite, less than ½% chalcopyrite	0.056 (Cu 170ppm)
	10392	-wallrock chlorite-sericite schist -1% fine- to coarse-gained pyrite, less than ½% cpy	0.132 (Cu 130ppm)
30+00W 3+00N	2036	-20% grey silicification in quartz-carbonate vein -10% chlorite and sericite -2% fine-grained pyrite	0.01

Table 1 cont'd.

	Location	Sample #	Description	Au oz/ton
	30+00W 3+00N	2035	-30% grey silicification in mafic volcanic -2% very fine-grained pyrite, less than ¼% specularite	0.24
	29+50W 3+00N	2034	-wallrock with Fe-carbonate -less than ½% fine-grained pyrite	0.005
	14+50W 6+00N	10359	-white quartz-carbonate -pyrite and specularite	0.01
		10360	-white quartz-carbonate -pyrite and specularite	0.008
	13+70W 7+00N	10356 10357 10358	-white quartz-carbonate -pyrite and specularite	0.006 0.012 Trace
3.	7+50W Baseline	10621 10617	-silicified quartz with pyrite	0.23 0.054
	5+00W 0+75N	10347	-quartz-carbonate vein -pyrite	0.335
4.	33+00W 5+50S	2024	-quartz-carbonate vein -pyrite	0.12
	32+00W 4+00S	10374	-green chert -less than ½% pyrite	0.01
	30+00W 5+00S	10370	-milky quartz vein with carb. -chlorite veinlets throughout -native copper, 3% chalcopyrite and less than ¼% pyrite	0.214 (Cu 1578ppm)
		10371	-white to pale grey silicification in quartz-carb. vein -2% pyrite and less than ½% chalcopyrite	0.134 (Cu 132ppm)

Table 1 cont'd.

Location	Sample #	Description	Au oz/ton
30+00W 5+00S	10372	-wallrock to quartz-carbonate vein -50% dark grey silicification, 2% fine-grained pyrite	0.218
	10373	-brecciated mafic volcanic, 20% grey silicification, 2% pyrite, less than 1% chalcopyrite	0.158 (Cu 170ppm)
29+00W 5+20S	2027	-fissile mafic volcanic -pyrite and chalcopyrite	0.08
25+00W 4+40S	2032	-white quartz-carb. vein -less than 1% smoky silicification, 10% sericite+ chlorite -2% pyrite, less than ½% chalcopyrite, copper stain	0.36
	2033	-white quartz-carb. vein -less than 1% smoky silicification, 10% sericite + chlorite -less than 1% pyrite, less than ½% chalcopyrite	0.06
22+00W 3+75S	2540	-pyrite in weak carbonated diorite	Trace
	2541	-white quartz-vein with pink brown wallrock, 2% pyrite	Trace
21+00W 3+00S	2539	-quartz-carb. vein with weak silicification in diorite -15% medium- to coarse-grained pyrite, 1% chalcopyrite.	Trace
Coleman workings			
29+50W 7+70S	10381	-pink carbonate in mafic volcanic, 3% fine-grained pyrite	1.52
33+00W 8+00S	2025	-silicified quartz vein, py	0.06

Table 1 cont'd.

Location	Sample #	Description	Au oz/ton
29+50W 7+70S	10382	-very dark grey silicification -3% pyrite, less than ½% chalcopyrite	0.102
29+00W 7+70S	10377	-quartz vein with 30% grey silicification -3% pyrite, less than 1% chalcopyrite	1.32 (Cu 1774ppm)
	10378	-mafic volcanic wallrock to quartz vein -well foliated -less than 1% pyrite	0.170
	10379	-very dark grey silicification (90%), 2% chlorite veinlets with associated 3% pyrite and 1% chalcopyrite.	0.650 (Cu 710ppm)
28+60W 7+70S	10376	-quartz-carbonate vein with 40% grey silcification -5% pyrite,1% chalcopyrite, native copper	1.89 (Ag 1.10) (Cu 412ppm)
	10380	-carbonated mafic volcanic	0.120
	2028	-20% grey silicification -2% pyrite, less than ½% cpy	0.26
28+20W 7+70S	10375	-well foliated mafic volcanic, sugary texture -3% pyrite	0.158 (Cu 57ppm) (Mo 148ppm)
27+00W 11+00S	2030	-white quartz-carb. vein -3% silicification in sheared mafic volcanic -1% pyrite	0.03
	2031	-wallrock to quartz vein sheared mafic volcanic -30% silicification, 2% finely disseminated pyrite	0.26

B) Geophysics

Magnetometer Survey

A magnetic survey was conducted using a Scrintrex Proton MP 2Magnetometer where readings were recorded at 25 and 50 foot intervals. A progressing base station was used along Baseline 'C' at 200 foot intervals. No untoward magnetic distrubance was experienced during the survey dates and the readings were corrected for diurnal drift by comaprison of the secondary base station readings at the beginning and end of each line-loop.

Results

The magnetic signature is useful in defining volcanic trends and boundaries and mafic intrusives. At locations where sediments lie in contact with volcanics, an abrupt change commonly occurs from flat low magnetic relief over the sediments (may also represent alteration zones), to variable generally moderate magnetic relief over the volcanics. High magnetic relief is expressed in the diorite, as is the case on the Cherbourg. The results are plotted and contoured on the magnetometer survey map Plate 3.

CONCLUSIONS

The contact between the mafic volcanics and polymictic metaconglomerates indicate a zone of intense strain and alterations which are normally mineralized.

The 'Galena Vein' is a strong quartz-carbonate vein, with deformed and altered wallrocks. It is very well mineralzied and is enriched with gold over a 500 foot strike length. The vein occurs within a zone of defomred and altered volcanic-sedimentary units, between Lines 29+00W and 34+00W. The vein extends into the diorite, eastward to Line 13+00W and probably continues under the lake. The wallrock alterations within the diorite are enriched with hematite as opposed to the volcanic-sedimentary units, which are prominantly altered with chlorite.

A second quartz-carbonate vein occurs between Line 7+50W, eastward onto the Brookbank property. A deformed and altered zone occurs at or in close proximity to the vein.

A chert horizon occurs south of the baseline and extends over a 3,200 foot strike length. A stockwork of high grade veins and stringers occur at and south of the chert horizon.

REFERENCES

Mackasey, W.O. 1975. Geology of Dorthea, Sandra, and Irwin Townships, District of Thunder Bay. Ontario Div. Mines, GR122, 83p.

AUTHORS QUALIFICATIONS

I Barbara Kowalski, author of this report, carried out the geological mapping, sampling and magnetometer survey over the Cherbourg property.

I am a graduate from McMaster University (1983) in econonomic geology. Since graduation I have been employed with the economic division of the Ontario Geological Survey and with Metalore Resources Ltd..

METALORE RESOURCES LIMITED

REPORT ON A MAGNETOMETER AND VLF-EM SURVEYS ON THE PATTER LAKE NORTH GRID IRWIN AND SANDRA TOWNSHIPS, ONT.

FEBRUARY 1987

Barbara Kowalski
Project Geologist

SUMMARY

Ground magnetic and VLF-EM surveys were conducted on the Patter Lake North Grid in Irwin and Sandra Townships, northeast of Beardmore, Ontario. It was the purpose of this program to compile a regional geophysical survey and isolate potential areas for deformed and altered zones. A detailed geological map is required for this program to be complete prior to drilling.

The magnetics on the grid are generally lensoidal with magnetic highs and associated magnetic lows. They are primarily concentrated between L88+00W to L106+00W.

The VLF-EM survey results indicate the presence of at least four long linear features, and a few shorter linear features. Conductor G' occurs in close proximity to a distinct area of magnetism immediately to the east of the diabase dike.

INTRODUCTION

The purpose of this report is to briefly summarize the geophysical results of a magnetometer and VLF-EM surveys conducted during January 1986, on the Patter Lake North Grid located in Irwin and Sandra Townships. The Metalore Resources property near Beardmore, Ontario is accessible by a good gravel road north from Provincial Highway 11. The Patter Lake North Grid is accessible by bush road traversing southwest, across the Brookbank Contact Zone to the west shore of Knox Lake. A canoe is required to cross the length of Knox Lake to Patter Lake. A location map is provided on each Plate.

PREVIOUS WORK AND GEOLOGY

Limited prospecting, trenching, geophysical and geological programs were conducted by previous operators on the east-west strike of a metasedimentary-volcanic contact and possible shear zones within the volcanic-intrusive contact sequences.

Cowan (1975) conducted a limited geophysical and geological program on part of the Patter Lake North Grid.

GEOPHYSICS

Magnetometer Survey

A magnetic survey was conducted using a Scrintrex Proton MP 2Magnetometer where readings were recorded at 25 foot intervals. A base station at camp, was used at the beginning and end of the recordings during each day. No untoward magnetic disturbance was experienced during the survey dates and the readings were corrected for diurnal drifts.

Results

The magnetic signature is useful in defining volcanic trends and boundaries. At locations where sediments lie in contact with volcanics, an abrupt change commonly occurs from low magnetic relief over the the sediments, to variable generally high magnetic relief over the volcanics with associated intrusives. The Patter Lake North Grid is an example where a pronounced lithology of polymictic metacong-

lomerates occur across and to the north of Patter Lake, that is, represented by a magnetic flat with lows. In close proximity to the contact between the conglomerates and the volcanics a pronounced change of magnetics occur. At least three broad series of magnetic highs and lows occur trending approximately east-west and one magnetic high occurring to the north-south. These broad series of highs and lows are located as follows:

1. Between L68+00W to L88+00W at Foxear Creek. This magnetic trend continues from the Knox Lake North Grid as described in the Knox Lake North Grid report.
2. Between L88+00W to L106+00W; at approximately 3+00N to 9+00N a broad series of magnetic highs and lows occur. This magnetic trend is abruptly cut of by a broad north-south trending magnetic high.
3. The broad north-south trending magnetic high occurs between L106+00W to L110+00W from the baseline north to Foxear Creek.
4. From L126+00W westward,off of the grid, an analogous (above) lensoidal magnetic highs associated with magnetic lows occur at approximately 14+00N.

Interpretation within the Volcanics

The narrow, yet very distinct magnetic highs and lows may represent intrusives (highs) in contact with ductile volcanics or sediments which may be sheared and subsequently altered (lows). The lenses of magnetism which are of particular interest occur between L68+00W to L88+00W at Foxear Creek and the series of magnetics which occur immediately to the east of the north-south trending diabase dike.

The results are plotted and contoured on the magnetometer survey map.

VLF-EM Survey

A Geonics EM-16 unit was used for the survey and Cutler Maine (17.8 Hz frequency) was utilized for the transmitter station. Normal accepted operational procedures were used at all times. Both the dip angle and the horizontal field strength (HFS) were measured at 100 foot intervals.

Results Patter Lake North Grid L68+00W to L136+00W

CONDUCTORS A,B,C,D,E AND F ARE LOCATED ON THE KNOX LAKE NORTH GRID ACCOMPANYING THIS REPORT. (L0+00 to L68+00W)

Conductor B' L72+00W to L112+00W

This conductor is a long linear feature that traverses across the length of Patter Lake. It is interpreted as a shear zone within the polymictic metaconglomerate unit. Conductor B' is a continuation of Conductor B at Knox Lake.

Conductor D' L72+00W to L92+00W

This conductive zone is a long linear feature which is a continuation of Conductor D at the Knox Lake North Grid.

Conductor G L72+00W to L 92+00W and anastomoses northwest between L80+00W and L106+00W (Cond. G').

This conductor is a long linear feature that traverses to the east contact with the diabase dike. At the dike the conductor terminates.

There are a few shorter linear features from L112+00W westward which should be investigated and correlated with a detailed geological map.

There is a magnetic correlation with Conductor G', which warrants further investigating for possible gold bearing zones.

CONCLUSIONS

The Patter Lake North Grid is an area with numerous local magnetic lenses (highs and lows), particularly between L88+00W to L106+00W , which are of interest. Associated with this area of magnetism is Conductor G'. It traverses across the magnetic area and warrants further investigating for possible deformed and altered zones.

REFERENCES

Cowan, M.F. 1984: Report on the Geology of Patter Lake Claims TB 768664-675, TB 732037-042 Irwin Township, Thunder Bay Mining Division, Ontario. 8p.

APPENDIX

PROGRAM STATISTICS

Magnetometer Survey

14.19 Line Miles

2996 Station Readings

VLF-EM Survey

14.19 Line Miles

1498 Station Readings

Author's Qualifications

I Barbara Kowalski received by B.Sc. degree in geology from McMaster University, Hamilton, Ontario in 1983. Since that time I have been employed as a geologist for the Ontario Geological Survey (Economic Division), and as a senior geologist to chief geologist for Metalore Resources Ltd..

I am author of this report and am responsible for its contents.

Barbara S. Kowalski

Barbara S. Kowalski

NOTE: The geophysical maps at the back of this report were prepared by GLM EXPLORATION SERVICES, Murillo, Ontario.

RECOMMENDATIONS

1. A detailed geological mapping program must be made for the Patter Lake North Grid.

2. A diamond drilling program should be conducted in the area of magnetism with associated VLF conductors and contacts between two different rock lithologies with an intrusive in close proximity.

METALORE RESOURCES LTD.

REPORT ON THE 1985-1986

DIAMOND DRILLING PROGRAM

IN

IRWIN TOWNSHIP, ONTARIO

FEBRUARY 1987

Barbara Kowalski
Project Geologist

SUMMARY

From June 1985 to March 1986, a diamond drilling program was carried on by Metalore Resources Ltd., on gold prospects in Irwin Township, Northwestern Ontario. The objectives of this program were the following:

1. To continue evaluating the extent, potential and continuity of the 'Brookbank Contact Zone', below the 1000 foot level.

2. To continue evaluating the extent, potential and continuity of the 'Foxear Contact Zone', located southeast of the 'Brookbank Contact Zone'.

3. A) To test the 'Contact Zone' on a reconnaissance scale to the west of the 'Brookbank Contact Zone', on the Knox-Patter Lakes grid.

B) To test a quartz-carbonate vein and chert horizon on the Knox-Patter Lakes grid.

4. To test the 'Contact Zone' and two quratz-carbonate zones on the Cherbourg grid, located to the west and southwest of the Brookbank respectively.

Forty (40) diamond drill holes were completed, 4 on the 'Brookbank Contact Zone', 11 on the 'Foxear Contact Zone', 19 on the Knox-Patter Lakes grid and 6 on the Cherbourg grid. The total footage drilled is 15,350 feet. Drill hole results are summarized in Table 1.

INTRODUCTION

The purpose of this report is to briefly summarize the diamond drilling program during 1985-1986, carried on gold prospects in Irwin Township. The Metalore Resources property near Beardmore, Ontario is accessible by a good gravel road north from Provincial Highway 11. The Brookbank, Foxear, Knox-Patter Lakes and Cherbourg grids are accessible by bush roads.

PREVIOUS WORK

The following reports summarize the previous work performed on the:

1. Brookbank grid- Mackasey (1975), Skrecky (1982), Lassila (1983), Kowalski (1984), (1985).
2. Foxear grid- Lassila (1983), Kowalski (1985).
3. Knox-Patter Lakes grid- Lassila (1983).

GENERAL GEOLOGY

The 'Contact Zone' lies along the contact between a polymictic metaconglomerate unit to the north and a mafic metavolcanic unit to the south. The volcanics and in some places the sediments were intruded by a diorite. The intrusion of the diorite caused incipient faulting and/or shearing along the contact. Late hydrothermal activity altered the volcanic-sedimentary units and may have precipitated and/or remobilized gold from another source.

The quartz-carbonate veins and chert horizon are interpreted as anxillary fractures possibly from the main fault contact, during late hydrothermal activity. These fracture systems were enriched in sulphur but not necessarily in gold.

PRESENT WORK AND RESULTS

The following table is a summary of the diamond drill hole results obtained on the above mentioned grids.

TABLE 1: Summary of the diamond drill hole results on the 1.Brookbank grid, 2.Foxear grid, 3. Knox-Patter Lakes grid, 4.Cherbourg grid.

1.BROOKBANK GRID

Line	Hole No.	Grade (oz Au/ton)	Apparent Width of Intersection (Feet)	Total Depth of Hole (Feet)
16+00W	B-16W-2	0.114	1352-1354.6=2.6"	1476
		0.302	1365.6-1450=84.6"	
	B-16W-2A	0.150	1385-1480 =95.0	221
26+00W	B-26W-2	0.036	1372-1375 =3.0	1420
		0.046	1387-1389.6=2.6"	
	B-26W-2A			301

2.FOXEAR GRID

24+00E	85-F24SE-2	0.133	216.6-218.9=2.3"	461
24+00E	85-F24SE-3	-no samples taken		205
26+00E	85-F26SE-5	0.12	249.6-251.6=2.0	416
		0.09	315-317 =2.0	
		0.10	394.8-396.8=2.0	
		0.03	396.8-398.8=2.0	
		0.04	398.8-401.4=2.8"	
28+00E	85-F28SE-4	0.038	265.6-267.6=2.0	352
		1.24	267.6-268.4=0.8"	

TABLE 1:cont'd

Line	Hole No.	Grade (oz Au/ton)	Apparent Width of Intersection (Feet)	Total Depth of Hole (Feet)
2. FOXEAR GRID- cont'd				
28+00E	85-F28SE-4	0.245	270.3-279.10=9.7"	352
44+00E	85-F44SE-1	0.222	210-214.6 =4.6"	228
	85-F44SE-2	0.096 0.105	317-319.9 =2.9" 320.9-322 =1.3"	367
46+00E	85-F46SE-1	0.06 0.28	204-205.3 =1.3 205.3-206.6 =1.3	310
	85-F46SE-2	-no significant assays		380
48+00E	85-F48SE-1	0.07	156.6-157.2 =0.8"	212
	85-F48SE-2	-no significant assays		382
54+00E	85-F54SE-1	-no significant assays		267
3. KNOX-PATTER LAKES GRID				
10+00W	85-K10W-1	-no significant assays		415
	85-K10W-2	-no significant assays		301
15+00W	85-K15W-1	-no significant assays		461
18+00W	85-K18W-1	-no significant assays		370

TABLE 1: cont'd

Line	Hole No.	Grade (oz Au/ton)	Apparent Width of Intersection (Feet)	Total Depth of Hole (Feet)
3. KNOX-PATTER LAKES GRID cont'd				
18+00W	85-K18W-2	0.042	149.1-150.9 =1.8"	301
24+00W	85-K24W-1A	-no significant assays		602
	85-K24W-1B	-no samples taken		16
28+00W	85-K28W-1	-no significant assays		416
	85-K28W-2	-no significant assays		301
34+00W	85-P34W-1	0.042	99.7-101.1 =1.6"	292
		0.103	101.1-102.8 =1.7"	
36+00W	85-P36W-1	-no samples taken		236
40+00W	85-P40W-1	-no significant assays		283
44+00W	85-P44W-1	-no significant assays		236
52+00W	85-P52W-1	-no significant assays		355
	85-P52W-2	0.68	44.8-46.0 =1.4"	341
58+00W	85-P58W-1	0.03	121.6-123.6 =2.0	143
70+00W	85-P70W-1	-no significant assays		500
74+00W	85-P74W-1	-no samples taken		355

TABLE 1: cont'd

Line	Hole No.	Grade (oz Au/ton)	Apparent Width of Intersection (Feet)		Total Depth of Hole (Feet)
4. CHERBOURG GRID					
3+00W	86-C3W-1	0.068	162-164	=2.0	305
5+00W	86-C5W-1	0.07	116-118.8	=2.8"	426
7+50W	86-C7W-1	0.047	237-248	=11.0	297
21+00W	86-C21W-1	-no significant assays			337
31+00W	86-C31W-1	0.36	178.6-185	=6.6"	500
33+00W	86-C33W-1	0.03	186.6-188	=1.6"	378
		0.07	222-224	=2.0	

CONCLUSIONS and RECOMMENDATIONS

1. Brookbank grid. Significant gold values were obtained on line 16+00W below the 1000' level, however, on line 26+00W gold values decreased due to in part, to the increase in carbonate and reduction of sulphides.

2. Foxear grid. Encouraging gold values indicated deeper and more extensive drilling is required.

3. Knox-Patter Lakes grid. No significant Au values nor alteration zones obtained along the contact. Localized Au enrichment occurs in quartz-carbonate veins and a chert horizon. Gold appears to be concentrated near surface and there is no strong indication for mineralization to continue at depth.

4. Cherbourg grid. Two quartz-carbonate vein systems which may mark a contact between two lithologies require on strike drilling to the east and west. Encouraging Au values also indicate deeper drilling is necessary, due to the pronounced hematite and silicification obtained. These alterations along with the fine-grained remobilized pyrite are similar to the Brookbank Contact Zone.

REFERENCES

Kowalski, B. 1984. Summary Report of the 1983-1984 Diamond Drilling program on the Brookbank Gold Property Irwin Township, Ontario. 10p.

Kowalski, B. 1985. Summary Report of the 1984-1985 Diamond Drilling program on the Brookbank Gold Property Irwin Township, Ontario. Vol. 1, 7p.

Lassila, P. 1983. Geological, Geophysical and Diamond Drilling Program Irwin Township, Ontario. 46p.

Lassila, P. 1983. Report on a Geological Mapping and Magnetometer Survey Tieline 17+00S Grid Irwin Township, Ontario. 14p.

Mackasey, W.O. 1975. Geology of Dorthea, Sandra, and Irwin Townships, District of Thunder Bay. Ontario Div. Mines, GR122, 83p.

Skrecky, G. 1982. Summary Report on the Brookbank Gold Property, Irwin Township, Ontario. 24p.

Author's Qualifications

Barbara Kowalski, author of this report, received her B.Sc. degree in geology from McMaster University (Hamilton) in 1983. Since that time she was employed with the Economic Division of the Ontario Geological Survey, and presently she is working for Metalore Resources Ltd. as their proj. geologist (3 years 3 months).

Barbara Kowalski carried out the drill program, logged, sampled and supervised the splitting of the drill core.

Barbara Kowalski

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: CHERBOURG

Hole No. 86-C3W-1

Latitude: 0+40S. Departure 3+00W Elevation: _____ Length: 305' Core Size NQ-1 7/8" Claim No. TB 27246 Started JAN. 24, 1986

Azimuth: 342° Tropari/Dip Tests: 40°/305' Completed: JAN. 25, 1986

Dip: -45° Logged by: BARBARA KOWALSKI

Purpose: TEST MAGNETIC low-High ; MV-Di contact ; qtz vein Drilled by: MORISSETTE

Hole: 86-C3W-1 ØL

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
0.0	4.0	CASING.					
4.0	54.6"	MAFIC VOLCANIC HOMOGENEOUS, WEAKLY FRACTURED VOLCANK PILLOW SELVAGES THROUGHOUT. Ca-CARBONATE AND EPIDOTE STRINGERS AND VEINLETS (1%) THROUGHOUT. MAGNETITE X-TALS. 24.0' DOWNHOLE → < 1/2% EPIDOTE STRINGERS; 1% WHITE QTZ-CARB STRINGERS + VEINLETS (TRANSLUCENT QTZ). LESS THAN 1% MEDIUM GRAINED DISSEMINATED Py IN ISOLATED PLACES. 53.6" - 54.6" BRECCIA AND POSSIBLE CHILL MARGIN CONTACT WITH A FINE-GRAINED DIORITE.					
54.6"	65.0	DIORITE. MASSIVE, HOMOGENEOUS AND DARK GREEN IN COLOUR. IT IS WEAKLY FRACTURED WITH 1% EPIDOTE, QTZ-CARB AND HEMATITE VEINLETS. IT IS MODERATELY MAGNETIC. LESS THAN 1/2% COARSE-GRAINED DISSEMINATED PYRITE.					
65.0	104.4"	MAFIC VOLCANIC. AS 4.0-54.6" 1% EPIDOTE AND QTZ-CARB VEINLETS. LESS THAN 1% COARSE-GRAINED DISSEMINATED PYRITE. 78.6" - 81.0' VESICULAR PILLOW SELVAGES .. WITH EPIDOTE. 3-5% COARSE-GRAINED PYRITE AND PYRRHOTITE (MAGNETIC).					
104.4"	107.4"	DIORITE. AS 54.6" - 65.0. MAGNETIC					
107.4"	123.0	MAFIC VOLCANIC. AS 4.0-54.6". MAGNETIC.					

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: CHERBOURG

Hole No: 86-C3W-1

Footage From	Footage To	Description 86-C3W-1	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton "C"	Assays Au oz/ton "PL"
23.0	137.0	MAFIC VOLCANIC. NON-MAGNETIC. RICH MEDIUM GREEN COLOUR AND LIGHTER IN WEIGHT THAN 107.4"-123.0'. VOLCANIC IS SILICEOUS AND QTZ-CARB VEINLETS. LAMINAE THROUGHOUT. ISOLATED HEMATITE ALTERATION. 2% MED.- TO COARSE-GRAINED DISSEM. Py.						
37.0	162.0	DEFORMED AND ALTERED SECTION. SPECTROMETER 200-500 C.P.M. (BKG 200 C.P.M.). 137.0'-145.7" IT IS WELL FOLIATED AND BRECCIATED. QTZ-CARB VEINLETS DEFINE THE FOLIATION AND HEMATITE FRAGMENTS DEFINE THE BRECCIATION. ROCK IS DARK BLUE-BLACK WITH BUFF-ORANGE-RED BX FRAGMENTS. 2% SILICIFIED. 2-3% MED.- TO COARSE-GRAINED Py. SPECULARITE VEINLETS THROUGHOUT.	2172	140.7"	145.7"	5.0	TR	Nil
		145.7"-148.1" RAZOR SHARP CONTACT WITH A 4" QTZ VEIN (SILICIFIED) WITH Fe-CARB VEINLETS. 10-15% VEINLETS AND DISSEMINATIONS OF FINE- TO COARSE-GRAINED PYRITE. WALLROCK QTZ-CARB-CHL-SER SCHIST 47° TO C/A. 10% SILICIFIED. 1-2% EXTREMELY FINE-GRAINED DISSEMINATED Py.	2173	145.7"	148.1"	2.6"	0.008	0.011
		148.1"-151.7" AS 145.7"-148.1"	2174	148.1"	151.7"	3.6"	0.004	0.006
		151.7"-157.0' AS 137-145.6" 1-2% MED.- TO COARSE-GRAINED DISSEMINATED PYRITE	2175	151.7"	154	2.5"	Nil	
			2176	154	157	3.0	TR	
		157.0'-160.0' MARBLED QTZ VEIN WITH WELL BRECCIATED HEMATITE, Fe-+Ca-CARB FRAGMENTS AND VEINLETS RESPECTIVELY OF WALLROCK THROUGHOUT VEIN. 30-40% SILICIFIED. 5-25% DISSEMINATED MED.- TO COARSE-GRAINED DISSEMINATED AND MASSIVE VEINLETS OF PYRITE AND PYRRHOTITE. <1/2% CHALCOPYRITE, 3-4% BLUISH (SPECULARITE) VEINLETS	3031	157	160	3.0	TR	

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: CHERBOURG.

Hole No: 86-C3W-1

Footage From	Footage To	Description 86-C3W-1	Sample No.	Footage From	Footage To	Length	"C" Assays "PL" ↓ Au oz/ton	
		160.0'-162.0' ONE FOOT GREY SILICIFICATION WITH HEAVY CONCENTRATION OF FINE-GRAINED TO MASSIVE OF Py AND Po. INCLUDED IN SAMPLE IS MINERALIZED MAFIC VOLCANIC WALLROCK. <1/2% Cpy.	3032	160	162	2.0	0.004	
		162.0'-164.0' D.BLUE TO GREY SILICIFIED (50%) QTZ. 20% FINE-GRAINED Py.	2177	162	164	2.0	0.068	
162.0	180.0	MAFIC VOLCANIC. IT IS WELL FOLIATED 46° TO C/A WITH Ca-+Fe-CARB VEINLETS DEFINING FONATION. <1% EPIDOTE VEINLETS.						
180.0	193.0	DIORITE. IT IS HOMOGENEOUS, FINE-GRAINED AND MAGNETIC.						
193.0	204.0	MAFIC VOLCANIC. GRADATIONAL CONTACT TO VOLCANIC WITH VESICULAR PILLOW SELVAGES. 3% EPIDOTE.						
204.0	265.0	DIORITE. GRADATIONAL CONTACT TO MAGNETIC DIORITE (FINE-GRAINED). 237.0'-245.0' V. WEAKLY HEMATIZED SECTION WITH ASSOCIATED MED-GRAINED DISSEMINATED Py. 1% Fe-+Ca-CARB VEINLETS. MAGNETITE CRYSTALS THROUGHOUT. 245.0' DOWNHOLE EPIDOTE+CARBONATE OCCUR AS BLEBS, STRINGERS & VEINLETS (4%).						
265.0	285.0	MAFIC VOLCANIC. GRADATIONAL CONTACT AS 193'-204'. 276'-A 1' BRECCIATED QTZ VEIN WITH CHLORITE VEINLETS THROUGHOUT. 1% FINE- TO COARSE-GRAINED DISSEMINATED PYRITE. VOLCANIC IS NON-MAGNETIC.						
285.0	305.0'	DIORITE. AS 204.0-265.0						
EOH								

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: CHERBOURG — Hole No. 86-C5W-1

Latitude: 0+50S — Departure 5+00W — Elevation: — Length: 426' — Core Size NQ-1 7/8" — Claim No. TB 27246 — Started JAN. 26, 1986

Azimuth: 342° — Tropari/Dip Tests: NONE — Completed: JAN. 30, 1986

Dip: -45° — Logged by: BARBARA KOWALSKI

Purpose: TEST: ① QTZ VEIN ② MAGNETIC HIGH + LOW — Drilled by: MORISSETTE

Hole: 86-C5W-1

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
0.0	4.0	CASING.					
4.0	109.0	MAFIC VOLCANIC. VESICULAR PILLOW SELVAGES IN THIS HOMOGENEOUS VOLCANIC. IT IS WEAKLY FRACTURED WITH CARBONATE AND EPIDOTE STRINGERS AND VEINLETS.					
109.0	138.0	DEFORMED AND ALTERED VOLCANIC. 111.0'-113.0' FAINTLY ALTERED WITH HEMATITE. LOCAL <1% CONCENTRATION OF FINE- TO COARSE- GRAINED DISSEMINATED PYRITE.	2186	111.0	113.0	2.0	0.005
		113.0'-116.0' DARK BROWN TO BUFF COLOUR ALTERATION WITH SPECULARITE VEINLETS. 2% FINE- TO MEDIUM- GRAINED DISSEMINATED AND VEINLETS OF PYRITE.	2178	113	116	3.0	0.02
		116.0'-118.8" QTZ VEIN WITH BRECCIATED WALLROCK FRAGMENTS OF HEMATITE AND VEINLETS OF CHLORITE. 30% BLACK SILICIFICATION. 3% SPECULARITE VEINLETS, 2% FINE- TO MED GRAINED DISSEMINATED AND VEINLETS OF PYRITE WITHIN VEIN.	2179	116	118.8"	2.8"	0.07
		118.8"-121.0' CHLORITE-SERICITE SCHIST. QTZ VEIN THAT IS BRECCIATED WITH WALLROCK. SPECULARITE CROSS-FRACTURE STRINGERS. 3-6% FINE- TO MED- GRAINED DISSEMINATED AND VEINLETS OF Py ALSO Po. <½% Cpy.	2180	118.8"	121	2.4"	0.01

METALORE RESOURCES LTD. DIAMOND DRILL LOG Location: CHERBOURG.

Hole No: 86-C5W-1

Footage From	Footage To	Description 86-C5W-1	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		121.0'-122.6" WELL FOLIATED WITH PINK ALTERATION. SPECTROMETER 200-400 C.P.M. (BKGD 200 C.P.M.). HIGHLY SILICIFIED AND MOTTLED WITH PINK ALTERATION. SPECULARITE CROSS FRACTURES, QTZ GASHES AND STRINGERS THROUGHOUT. 1% F.G. DISSEM. Py.	2181	121	122.6"	1.6"	0.001
		122.6"-123.6" SILICIFIED SECTION WITH BRECCIATED HEMATITE FRAGMENTS. SPECULARITE CROSS FRACTURE VEINLETS. 6-8% FINE-GRAINED TO COARSE-GRAINED DISSEMINATED PYRITE. LESS THAN ½% CPy.	2182	122.6"	123.6"	1.0	0.01
		123.6"-131.0' MODERATELY TO VERY WELL FOLIATED (35° C/A) ALTERNATING BLACK WITH BUFF-PINK ALTERATIONS. (SPECTROMETER READING BKGD 200 COUNTS PER MINUTE). SPECULARITE CROSS-FRACTURE STRINGERS THROUGHOUT. LESS THAN 1% FINE-TO COARSE-GRAINED DISSEMINATED PYRITE AND TRACE CPy.	2183 2184	123.6" 127	127 131	3.6" 4.0	0.001 0.001
		131.0-132.6" QTZ VEIN THAT IS MOTTLED WITH HEMATITE + CARBONATE WALLROCK. 2% FINE- TO COARSE- GRAINED PYRITE AND TRACE CPy.	2185	131	132.6	1.6"	0.016
38	314	MAFIC VOLCANIC. VESICULAR PILLOW SELVAGES (EPIDOTE + CARBONATE) IN THIS HOMOGENEOUS VOLCANIC. <1% C.G. DISSEM. PYRITE.					
314	353	DIORITE. MAGNETIC FINE-GRAINED HOMOGENEOUS. <1% C.G. PYRITE					
353	363	MAFIC VOLCANIC. AS 138'-314'.					
363	426	DIORITE. AS 314-353. GRADING TO A COARSE-GRAINED HOMOGENEOUS					
EOH		DIORITE. 5% EPIDOTE. 3% DISSEM. VERY C.G. PYRITE. MAGNETIC.					

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: CHERBOURG — Hole No. 86-C7W-1

Latitude: 0+80N — Departure 7+ 0W — Elevation: — Length: 297' — Core Size NQ- 1 7/8" — Claim No. TB 27246 — Started JAN 31, 1986

Azimuth: 162° — Completed: FEB 2, 1986

Dip: -42° — Logged by: BARBARA KOWALSKI BK

Purpose: TO TEST VALUES OBTAINED IN TRENCH — Drilled by: MORISSETTE

Hole: 86-C7W-1

Tropari/Dip Tests:							

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
0.0	7.0	CASING					
7.0	205	MAFIC VOLCANIC. IT IS HOMOGENEOUS WITH VESICULAR PILLOW SELVAGES THROUGHOUT. 2% EPIDOTE, 3% CARBONATE. IT IS WEAKLY FRACTURED ½% HEMATITE ALONG SLIPPAGE PLANES. ½% DISSEM. PY. BROKEN CORE TO 50'.					
205	267	DEFORMED AND ALTERED VOLCANIC-SEDIMENT VERY WELL FOLIATED 42° TO C/A VOLCANIC WITH CHLORITE AND CARBONATE DEFINING FOLIATION. AT 215' AN ALTERED ALTERNATING BLACK TO BUFF COLOURS WITH A PROMINANT FOLIATION OCCURS IN THIS SECTION. GENERALLY LESS THAN ½% DISSEM. PYRITE, HOWEVER, ISOLATED <1' SECTIONS ARE HEAVILY MINERALIZED. AT 219'-220' BUFF TO PINKISH BRECCIA, WHERE SPECULARITE VEINLETS CROSS CUT CORE AXIS AND DEFINES THE BRECCIATION. <½% SULPHIDES. 224.6"-225.6" QTZ VEIN WITH MOTTLED HEMATITE-CARBONATE WALL-ROCK. 2% FINE- TO MEDIUM-GRAINED DISSEMINATED AND VEINLETS OF SULPHIDES.					
		227-231 PARTLY SILICIFIED RED TO PINKISH ALTERATION (HEMATITE)	2195	227	231	4.0	0.008

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: CHERBOURG

Hole No: 86-C7W-1

Footage From	Footage To	Description 86-C7W-1	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton	
		IN THIS FOLIATED-BRECCIATED SECTION. 3-4% DISSEM AND VEINLETS OF PYRITE, CHALCOPYRITE AND MINOR SPECULARITE.						
		237-238.6" WELL FOLIATED & BRECCIATED BUFF-PINK ALTERATION. 1% VERY F.G. TO C.G. VEINLETS AND DISSEMINATIONS OF PYRITE. 1% SPECULARITE VEINLETS. 1% WHITE QTZ VEINLETS.	2188	237	238.6	1.6"	0.02	
		238.6"-240.6" TWO WHITE QTZ VEINS 3" & 4" RESPECTIVELY WITH MICROVEINLETS OF EXTREMELY FINE-GRAINED SULPHIDES (2%). 5" OF SILICIFIED WALL ON BOTH SIDES OF QTZ VEINS CARRYING 15% COARSE-GRAINED PYRITE AND 2% FINE-GRAINED PYRITE.	2187	238.6"	240.6"	2.0	0.03	
		240.6"-241.6" BROWN (Fe-CARB) SILICIFIED BRECCIA. 5% VERY COARSE-GRAINED DISSEMINATED PYRITE. 2" OF 30% WHITE MOTTLED QTZ AT END OF SAMPLE	2189	240.6"	241.6"	1.0	0.02	
		241.6"-244 BROWN (Fe-CARB) SILICIFIED FRAGMENTED MATRIX WITH 50% WHITE BRECCIATED QTZ. 10% F.G. TO M.G. DISSEM & VEINLETS OF QTZ	2190	241.6"	244	2.6"	0.04	"C" 0.009
		244-244.6" DARK GREY BLUE SILICIFICATION IN 10% WHITE QUARTZ. 15% ULTRA FINE- TO MEDIUM-GRAINED SULPHIDES. 15% COARSE-GRAINED VEINED PYRITE.	2191	244	244.6"	0.6"	0.07	
		244.6"-245.6" 10" WHITE QTZ VEIN WITH NUMEROUS GREY CROSS-FRACTURED VEINLETS WITH MICRO FINE SULPHIDES 7%. APPROXIMATELY ½" OF BOTH QTZ WALLS CARRY 50% MASSIVE-COARSE- TO FINE-GRAINED PYRITE.	2192	244.6"	245.6"	1.0	0.05	"C" 0.08

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: CHERBOURG.

Hole No: 86-C7W-1

Footage From	Footage To	Description 86-C7W-1	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton	
		245.6"-246.6" VERY DARK GREY TOTAL SILICIFICATION WITH 50%+ SULPHIDES.	2193	245.6"	246.6"	1.0	0.08	0.07
		246.6"-248' 8" GREYISH WHITE BRECCIATED QTZ VEIN WITH NUMEROUS CROSS FRACTURE VEINLETS IN ALL DIRECTIONS CARRYING FINE AND COARSE-GRAINED PYRITE (5%). SOME SERICITE ACCOMPANIES QTZ. A HEAVILY SERICITIZED SCHIST ON THE 8" FOOTWALL WITH 5-10% PYRITE. AT 246.6"-246.8" 20% COARSE-GRAINED PYRITE.	2194	246"	248	1.6	0.09	
						0.047 oz/ton over 11.4"		
		248'-251' SERICITE SCHIST WITH ^WHITE (PINK) FELDSPATHIC FLATTENED PEBBLES. PASTEL COLOURS. <1/2% FINE-GRAINED DISSEMINATED PYRITE.	2196	248	251	3	0.005	
		251'-252.8" TOTAL SMOKY SILICIFICATION WITH 2% CHLORITE AND SERICITE VEINLETS CARRYING 1-2% ULTRAFINE-GRAINED DISSEMINATED PYRITE AND 1-2% MED- TO COARSE-GRAINED PYRITE	2197	251	252.8"	1.8"	0.006	
		252.8"-254.3" 25% SMOKY SILICIFICATION. HEMATITE AND CARB ENRICHED WALLROCK WITH 10% SERICITE-CHLORITE VEINLETS. SOME BRECCIATION + FOLIATION. 1% ULTRA FINE-GRAINED AND 1% COARSE-GRAINED DISSEMINATED PYRITE.	2198	252.8"	254.3"	1.7"	0.02	
		254.3"-255.8" AS 252.8"-254.3" 1/2% ULTRA FINE-GRAINED PYRITE, 2% COARSE-GRAINED PYRITE. 5% SILICIFIED.	2199	254.3"	255.8"	1.5"	0.02	
		255.8"-262.6" BLACK-ORANGE-YELLOW (SERICITE) ALTERATIONS. 54° TO C/A → FOLIATION IN SCHIST 257' ALTERATION DECREASES AND ROCK BECOMES MORE MAFIC IN COMPOSITION. 1/4% SULPHIDES. 47° C/A AT 258'.						

METALORE RESOURCES LTD. DIAMOND DRILL LOG Location: CHERBOURG

Hole No: 86-C7W-1

Footage From	Footage To	Description 86-C7W-1	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		262.6"-264 90%+ DARK GREY SILICIFICATION. WHITE QTZ STRINGERS OCCUR IN ALL DIRECTIONS. ABUNDANT SMALL BRECCIATED FRAGMENTS. 3% Fe-CARB. FEW INCHES OF CARBONATE ON WALLS AT EACH END WITH SERICITE ON WALLS. 5% MICRO FINE- TO MEDIUM-GRAINED AND 9% COARSE-GRAINED PYRITE.	2200	262.6"	264	1.6"	0.02
264		1/8"- 1/4" FAULT					
264	267	3" MILKY WHITE QTZ VEIN → MOSTLY BARREN EXCEPT WALLS. VEIN HAS SMOKY TO BLACK SILICIFICATION WITH THE BALANCE 4-5" VERY DARK GREY TO BLACK SILICIFICATION. ABUNDANT CHLORITE SMEARS <1/16" THROUGHOUT. LITTLE SERICITE ON WALLS. 10% MICRO FINE- TO COARSE-GRAINED DISSEMINATED PYRITE.					
267	270	MAFIC VOLCANIC. DEFORMED BUT NO LONGER ALTERED. 4% QTZ-CARB PINKISH TO WHITE VEINS AND STRINGERS THROUGHOUT.					
		DIORITE					
270	297	MEDIUM-GRAINED, HOMOGENEOUS DIORITE WITH 5% EPIDOTE + CARBONATE VEINLETS + STRINGERS.					
EOH							

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: CHERBOURG — Hole No. 86-C21W-1

Latitude: 8+00N — Departure 21+00W — Elevation: — Length: 337' — Core Size NQ- 17/8" — Claim No. TB 27245 — Started FEB 5, 1986

Azimuth: 342° — Dip: -42° — Tropari/Dip Tests: — Completed: FEB 6, 1986 — Logged by: BARBARA KOWALSKI BK

Purpose: TO TEST THE CONTACT BETWEEN VOLCANICS- SEDIMENTS — Drilled by: MORISSETTE

Hole: 86-C21W-1

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
0.0	12.0	CASING.					
12.0	29.0	MAFIC VOLCANIC. IT IS HOMOGENEOUS WITH EPIDOTE-CARB FILLED PILLOW SELVAGES. VESICLES THROUGHOUT. GENERALLY 1/2% COARSE-GRAINED PYRITE. NON-MAGNETIC. AT 26' A 1" FAULT (BLACK).					
29.0	73.0	DIORITE. IT IS FINE-GRAINED, MASSIVE & HOMOGENEOUS. <1/2% COARSE-GRAINED PYRITE. 1% EPIDOTE.					
73.0	120.0	MAFIC VOLCANIC. AS 12'-29'. 114'-115.6" WEAKLY DEFORMED WITH MINERALIZED 3% PILLOW SELVAGES 1/2"- 1" INCLUSIVE.					
120.0	190.0	DIORITE FINE- TO MEDIUM- GRAINED. MODERATELY MAGNETIC. 160'- 190' IS MODERATELY-TO STRONGLY- FRACTURED WITH EPIDOTE (10%)					
190.0	210.0	MAFIC VOLCANIC. WEAKLY DEFORMED (FOLIATED + BRECCIATED) AND ALTERED (EPIDOTE + HEMATITE + CARBONATE). SOME SECTIONS MINERALIZED 2% VARIABLE- GRAINED PYRITE.					
210.0	212.0	DIORITE. AS 120'-190'.					
212.0	241.0	MAFIC VOLCANIC. AS 190'-210'.					

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: CHERBOURG.

Hole No: 86-C21W-1

Footage From	Footage To	Description 86-C21W-1	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
241.0	254.0	DEFORMED AND ALTERED VOLCANIC. EXTREMELY WELL FOLIATED (60° TO C/A). WITH PINK-TO RED- QTZ CARB VEINLETS AND STRINGERS. LOCAL <1' SECTIONS OF BRECCIA WITH <1% FINE-GRAINED PYRITE. FAULT 246'-254' INTERMITTENT 'BLACK' FAULT WITH BULL QTZ VEINS TO STRINGERS. THIS SECTION IS INTERMIXED WITH THE BELOW INTENSELY BRECCIATED POLYMICTIC METACONGLOMERATE. FLATTENED PEBBLES ARE VISIBLE IN SECTION. NO SULPHIDES.					
254.0	313.0	POLYMICTIC METACONGLOMERATE. 254.0-262.0 IT IS INTENSELY BRECCIATED & FOLIATED WITH FLATTENED PEBBLES TO COBBLES THROUGHOUT. 15% SERICITE-CHLORITE (40%). 262.0-313.0 HOMOGENEOUS WEAKLY DEFORMED SECTION WITH FLATTENED PEBBLES AND COBBLES (QTZ, FELDSPATHIC, JASPER, MAFIC & GRANITIC). NO SULPHIDES.					
313.0	337.0	PEBBLY SANDSTONE - POLYMICTIC CONGLOMERATE. QTZ-CHLORITE-SERICITE SCHIST WITH PEBBLES AND COBBLES OF VARIABLE COMPOSITION (DESCRIBED 262'-313'). NO SULPHIDES.					
EOH		KINK FOLDS THROUGHOUT.					

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: CHERBOURG — Hole No. 86-C31W-1

Latitude: 4+25N — Departure 31+00W — Elevation: — Length: 500' — Core Size NQ - 17/8" — Claim No. TB 27244 — Started FEB 7, 1986

Azimuth: 162° — Dip: -42° — Completed: FEB. 11, 1986.

Tropari/Dip Tests:							

Logged by: BARBARA KOWALSKI BK

Drilled by: MORISSETTE

Purpose: TO TEST VALUES OBTAINED IN TRENCHES AT DEPTH

Hole: 86-C31W-1

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
0.0	6.0	CASING					
6.0	116.0	MAFIC VOLCANIC. DARK GREEN AND MASSIVE. 1% QTZ-CARB STRINGERS AND IT IS VERY WEAKLY VESICULAR. < 1/2% DISSEMINATED PYRITE.					
116.0	155.6"	DIORITE. VERY COARSE GRAINED DIORITE WITH 10% EPIDOTE THROUGHOUT.					
155.6"	195	DEFORMED AND ALTERED SECTION. 155.6"-158 4" DARK GREY SILICIFICATION WITH 4% MED-GRAINED DISSEMINATED PYRITE. WALLROCK IS A LIGHT BEIGE COLOUR ALTERATION SUPERIMPOSED ON DIORITE 3% VERY FINE-GRAINED PYRITE	2064	155.6"	158	2.6"	0.008
		173.6"-174.6" A 8" QTZ VEIN WITH 2% FINE- TO COARSE-GRAINED PYRITE. SOME MEDIUM GREY SILICIFICATION AND MICROVEINLETS OF SULPHIDES THROUGHOUT.	2065	173.6"	174.6"	1.0	0.03
		174.6"-178 HEAVILY HEMATIZED AND IS WELL FOLIATED 46° TO C/A. IT IS BARREN FROM SULPHIDES.					
		178.6"-180 WALLROCK TO SILICIFIED ZONE BELOW. IT IS HEMATIZED AND INTERMIXED WITH 30% DARK GREY SILICIFICATION. 3% VERY FINE-GRAINED DISSEM. + VEINLETS OF PYRITE AND 2% MEDIUM-GRAINED PYRITE.	2066	178.6	179.10"	1.4"	0.03

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: CHERBOURG

Hole No: 86-C31W-1

Footage From	Footage To	Description 86-C31W-1	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		180-183 TOTAL SILICIFICATION (DARK GREY) WITH STRINGERS OF	2067	179.10"	181.4"	1.6"	0.24
		183-185 CHLORITE IN ALL DIRECTIONS. 15% COARSE-GRAINED	2078	181.4"	183	1.8"	0.95
		SULPHIDES (PYRITE + CHALCOPYRITE) AND 2-3% VERY FINE-GRAINED	2068	183	185	2	0.13
		SULPHIDES.					
						0.36 oz/ton	over 6'6"
		185-187 EXTREMELY WELL FOLIATED (57° C/A), ENRICHED WITH			OR	0.45 oz/ton	over 5'2"
		HEMATITE (SPECTROMETER K-READINGS 300-500 COUNTS PER MINUTE-					
		BACKGROUND 200 COUNTS PER MINUTE). 1% SERICITE VEINLETS					
		THROUGHOUT. NO SULPHIDES.					
		187'-195' CONGLOMERATE					
		187-195 ABRUPT CONTACT TO A LIGHTWEIGHT, PALE GREEN TO					
		BUFF FRAGMENTS SCHIST. FELDSPATHIC PEBBLES? POSSIBLY					
		INDICATE THAT THIS SECTION COULD BE SEDIMENTARY. TWO TO					
		THREE PERCENT SERICITE VEINLETS THROUGHOUT. NO SULPHIDES.					
		DIORITE →					
195	500	ABRUPT CONTACT TO A MEDIUM-TO COARSE-GRAINED DIORITE.					
		IT IS HOMOGENEOUS WITH 3-5% FRACTURING (QTZ-CARB + HEMATITE					
		VEINLETS AND STRINGERS). EPIDOTE APPEARS ~205' AS STRINGERS.					
EOH.							
		246'-283' DIORITE BECOMES WEAKLY FOLIATED, LIGHTER GREEN IN					
		COLOUR. ~276'-283' DIORITE APPEARS TO BE MOTTLED. NO SULPHIDES.					
		<1/4% EPIDOTE.					
		MAGNETICS VARY IN ISOLATED SECTIONS FROM MODERATE- TO NON-					
		MAGNETIC.					

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: CHERBOURG | Hole No. 86-C33W-1

Latitude: 3+35N | Departure 33+00W | Elevation: | Length: 378' | Core Size NQ - 1 7/8" | Claim No. TB 27244 | Started FEB. 13, 1986

Azimuth: 162° | Dip: -45°

Tropari/Dip Tests:							
	NONE						
	WIRE-CABLE BROKE. RODS SHATTERED AND LEFT IN HOLE						

Completed: FEB 15, 1986.

Logged by: BARBARA KOWALSKI BK

Drilled by: MORISSETTE

Purpose:

Hole: 86-C33W-1

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
0.0	12.0	CASING					
12.0	166.0	DIORITE. MASSIVE AND WEAKLY FRACTURED WITH STRINGERS OF QTZ-CARB, EPIDOTE + HEMATITE. 27'-29' AT 28' A 3" DARK GREY SILICIFIED QTZ-CARB VEIN. 23% FINE-GRAINED DISSEMINATED PYRITE. THE WALLROCK CARRIES BULL WHITE VEIN WITH POORLY ALTERED (RED HEMATITE) AND <1% FINE-TO COARSE-GRAINED SULPHIDES. DIORITE BECOMES COARSER GRAINED DOWNHOLE, AND MAGNETIC. 73'-77' A WEAKLY-TO MODERATELY-FOLIATED (52° C/A) SECTION. IT IS FAINTLY ALTERED WITH HEMATITE-CARBONATE- AND <½% EPIDOTE. 1% MEDIUM-TO COARSE-GRAINED SULPHIDES (GENERALLY)					
166.0	207.0	MAFIC VOLCANIC. GRADATIONAL CONTACT. VOLCANIC IS MODERATELY FRACTURED WITH PINKISH-TO WHITE QTZ-CARB VEINLETS AND VEINS. 170'-171.6" A MAZE OF VEINS WHICH ARE CLOSELY SPACED AND CARRY <¼% PYRITE. 178'-188' A WEAKLY ALTERED (3% SILICIFIED) DARK GREEN VOLCANIC WITH NARROW BUFF COLOUR ALTERATION DISPERED THROUGHOUT SECTION. 2% FINE-TO COARSE-GRAINED PYRITE OCCURS AS DISSEMINATIONS & VEINLETS.					

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: CHERBOURG.

Hole No: 86-C33W-1

Footage From	Footage To	Description 86-C33W-1	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		181.7"-182 PALE GREEN-BUFF COLOUR BRECCIA. 5% FINE- TO COARSE-GRAINED DISSEMINATED PYRITE.					
		186.6"-188 QTZ-CARB VEIN + WALLROCK. VEIN IS 30% SILICIFIED (BLUE), 2% CHLORITE VEINLETS AND 1% FINE- TO COARSE-GRAINED DISSEMINATED SULPHIDES ((PY, CPY) APY?). 1"-2" WALLROCK IS BRECCIATED WITH HEMATITE + CARB AS THE MAJOR ALTERATIONS. 5% MED- TO COARSE- GRAINED PYRITE.	2069	186.6	188	1.6"	0.03
207	243	DEFORMED AND ALTERED SECTION					
		209.6"-213 WEAKLY BRECCIATED + FOLIATED VOLCANIC. 3-7% SILICIFIED AND STRINGERS OF QTZ THROUGHOUT. WEAKLY HEMATIZED. <1% FINE- TO MED.-GRAINED SULPHIDES. 212'-212.6" QTZ VEIN <½% CHLORITE VEINLETS WITH MED- TO COARSE- GRAINED SULPHIDES. 1" WALLROCK IS ALTERED WITH HEMATITE + CARB. 10% SULPHIDES.	2070	209.6"	213	3.6"	0.002
		(CONGLOMERATE). 217.6"-220 RAZOR SHARP CONTACT TO A DEFORMED + ALTERED SEDIMENT. IT IS PASTEL BROWN-BUFF WITH PINK (FLATTENED FELDSPATHIC PEBBLES), DARK GREY QTZ PEBBLES, WHITE FELDSPATHIC PEBBLES. IT IS WEAKLY BRECCIATED AND FOLIATED (60° C/A). <1% DISSEMINATED FINE-GRAINED SULPHIDES.	2071	217.6"	220	2.6"	TR
		220-222' AS 217.6"-220	2072	220	222	2.0	0.002
		222-224 INTENSELY FOLIATED ALTERATION AS 217.6"-220 WITH 3% ULTRA FINE- TO MED.-GRAINED DISSEMINATED + VEINLETS OF PY. 10% SILICIFIED. LAST 6" OF SAMPLE GRADES TO THE BARREN WHITE (WITH PASTEL PINK FRAGMENTS) QTZ VEIN. VERY BRIGHT GREEN CHLORITE IN MATRIX AND VEINLETS.	2073	222	224	2.0	0.07
		225-231.6" WELL FOLIATED (60° C/A) MAFIC SEDIMENT. FELDSPAR CRYSTALS THROUGHOUT. MINOR FUCHSITE. NO SULPHIDES.					
231.6"	243	GRADATIONAL CONTACT TO A WEAKLY FOLIATED MAFIC VOLCANIC NO SULPHIDES.					
243	378	DIORITE. MASSIVE FINE-TO MED- GRAINED. NON- TO MOD- MAGNETIC. WEAKLY FRACTURED. <1% SULPHIDES IN GENERAL					
EOH							

Brookbank Grid

These holes are on leased ground

			START	END	
1.	B-16W-2	1476'	HQ	Jan 10, 1986	Jan 13, 1986	
2.	B-16W-2A	211'	HQ	Jan 13, 1986	Jan 14, 1986	wedge in B-16W-2
3.	B-26W-2	1420'	NQ	Feb 20, 1986	Mar 6, 1986	
4.	B-26W-2A	301'	NQ	Mar 6, 1986		wedge in B-26W-2

3408'

No location maps / Drilling dates missing → recd Apr 15/87

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: BROOKBANK - WEST Hole No. B-16W-2

Latitude: 4+80S Departure 15+90.4" Elevation: 1002' Length: 1476' Core Size HQ-2½" Claim No. TB29038 Started Jan. 10, 1986

Azimuth: 349° Completed: Jan 13, 1986

Dip: -81½° Logged by: BARBARA KOWALSKI BK

Tropari/Dip Tests:	47'/82½°	927'/78½°		359½°	-75°	1476'	
Cap. Correc.	637'/80½°	1200'/76°	1476'/75°	2½°	-75°	20S -7C	

Purpose: TEST CONTACT ZONE BETWEEN VOLCANICS & SEDIMENTS. BKG SPECTROMETER-K READING 200 C.P.M

Drilled by: MORISSETTE

Hole B-16W-2

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton		
0.0	6.0	CASING - BEDROCK SET UP.				collar	90	-81S	
6.0	51.0	DIORITE. IT IS COARSE-GRAINED, MASSIVE AND HOMOGENEOUS. MAGNETITE CRYSTALS INTERMITTENTLY DISPERSED THROUGHOUT. PLAGIOCLASE FELDSPAR CRYSTALS OCCUR IN ISOLATED SECTIONS. LESS THAN 2% QTZ-CARB (WHITE) VEINLETS AND <½% EPIDOTE. NO SULPHIDES.				47	9	-82S	
						637	14	80S	
						927	16 22	78S	
						1200	18 35	-76	
						1476	20S	-75	
51.0	183.7"	GRADATIONAL CONTACT TO THE ABOVE DIORITE. VOLCANIC IS HOMOGENEOUS WITH 3-4% QTZ-CARB (PINK + WHITE (Fe+Ca) STRINGERS AND VEINLETS. LESS THAN 3% EPIDOTE VEINLETS. VOLCANIC IS VESICULAR WITH PILLOW SELVAGES THROUGHOUT. GENERALLY <½% DISSEMINATED MEDIUM-GRAINED Py. LOCAL Bx (<1' SECTIONS).							
		131 - 131.8" QTZ-CARB (Fe+Ca) VEIN WITH <½% DISSEMINATED F.G.-M.G. Py.							
183.7"	211.0	183.7" - 188.1" CREAM-COLOURED ALTERATION THROUGHOUT. IT IS SILICEOUS WITH 3-5% C.G. DISSEMINATED Py AND <1% VEINLETS + STRINGERS OF SPECULARITE.	21654	183.7"	188.1"	4.6"		0.03	
		DIORITE IT IS DARK-GREEN, V.F.G., HOMOGENEOUS AND MASSIVE.							
		196' - 197' AS 183.7" - 188.1".							
		207' - 211' AS 183.7" - 188.1"							
		<1¼% C.G. DISSEM. Py							
211.0	240.0	PILLOWED MAFIC VOLCANIC. AS 51.0 - 183.7" WITH MAGNETITE CRYSTALS LOC-							

METALORE RESOURCES LTD. DIAMOND DRILL LOG Location: BROOKBANK · WEST Hole No: B-16W-2

Footage From	Footage To	Description B-16W-2	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		ALLY DISSEMINATED (<1/4%).					
10.0	998.0	DIORITE. IT IS DARK GREEN, V.F.G.-F.G., HOMOGENEOUS AND MASSIVE. 246'-259.6" AS 183.7"-188.1" WITH AN INCREASING FOLIATION DEFINED DOWNHOLE. (20 °C/A).					
		252.2"-254.9" - VERY WELL FOLIATED, ORANGE CARBONATE Bx. FOLIATION 20° TO C/A. 2% F.G.-M.G. DISSEMINATED Py AND 2-4% Spec. VEINLETS.	3016	252.2"	254.9"	2.6"	0.012
		AT ~258' ROCK IS SCHISTOSE WITH <1/8% SERICITE + HEMATITE + K-FELDSPARS AS MINUTE CRYSTALS. K-SPECTROMETER READING 300-500 COUNTS PER MINUTE.					
		292-303' FAINT HEMATITE ALTERATION. 1% C.G. Py, 2-4% VEINLETS OF Spec. 300-500 COUNTS PER MINUTE → K-Spectrometer readings.					
		336.4"-339.7" AS 183.7"-188.1" WITH FAINT RED HEMATITE ALTER-		336.4"	339.7"	3.3"	N/A
		339.7"-342.7" ATION THROUGHOUT. SPECT. 300-500 C.P.M.		339.7"	342.7"	3.0	
		366'-370' AS 183.7"-188.1"					/
		370'- DOWNHOLE LOCAL PLAGIOCLASE FELDSPARS AND EPIDOTE STRINGERS <1%.					
		~430' ROCK BECOMES HARD AND SILICEOUS.					
		443'-514' FAINT TO MODERATELY DEVELOPED ALTERATIONS AS DESCRIBED AT 183.7"-188.1" AND 292'-303'.					
		472.7"-477 CREAM COLOURED ALTERATION THROUGHOUT. IT IS SILICEOUS		472.7"	477	4.5"	
		477-481 AND WEAKLY BRECCIATED. 3-15% M.G.-C.G. Py (DISSEM.)		477	481	4.0	
		481-485 AND <1% Spec VEINLETS AND STRINGERS. QTZ-BULL		481	485	4.0	
		485-489 WHITE-VEINLETS THROUGHOUT 5%.		485	489	4.0	
		489-493		489	493	4.0	
		493-497		493	497	4.0	

METALORE RESOURCES LTD. DIAMOND DRILL LOG Location:

B-16W-1

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		537'- 577'-579' C.G. HOMOGENEOUS DIORITE, INTERMITENT DOWNHOLE AS 183.7"-188.1"					
		NOTE: DIORITE BECOMES U.F.G.- F.G. WHEN ANY ALTERATION APPEARS. ALTERATIONS INCLUDE - FAINT HEMATITE; WEAK TO STRONG CREAM-COLOURED; SILICIFICATION AND K-ALTERATION - DESCRIBED IN THIS LOG.					
		617.0-620.3" MODERATELY BRECCIATED WITH FAINT HEMATITE ALTERATION. 2%-5% F.G.-C.G. DISSEMINATED Py, 2% C.G. Cpy, <5% Spec.	3014	617	620.3"	3.3"	0.006
		620.3"-623.6" BRIGHT PINK-RED ALTERATION IN THIS BRECCIA. 2-5% F.G.-C.G. DISSEM. Py, <2% C.G. Cpy, <5% Spec. VEINLETS. IT IS SILICEOUS WITH NUMEROUS QTZ VEINLETS THROUGHOUT. K-SPECTRO-METER READINGS 200-300 COUNTS PER MINUTE.	3012	620.3"	623.6"	3.3"	0.012
		607'-631' THIS ALTERED AND DEFORMED SECTION IS MARKED BY A 1' BARREN WHITE QTZ VEIN. 6" WALLROCK IS WELL MINERALIZED WITH CARB-HEMATITE ALTERATION. GENERALLY A FAINT HEMATITE ALTERATION PERSISTS THROUGHOUT THE SECTION.					
		732-740' - 736.6"-735.6" WHITE CARB QTZ VEIN, <1% SCHEELITE, WITH WALLROCK ALTERATION AS DESCRIBED AT 183.7"-188.1". 1% C.G. Py, 3% Spec.		736.6"	740	3.6"	
		755'-788' FAINT HEMATITE ALTERATION IN THIS Bx. 765-766.6" WHITE QTZ-CARB VEIN, 3% SCHEELITE. 766.6"-780.6" CREAM COLOURED ALTERATION WITH 3% F.G. TO C.G. DISSEM. Py & 5% Spec. VEINLETS. 780.6" - DOWNHOLE FAINT ALTERATION.		766.6"	780.6"	4.0	

METALORE RESOURCES LTD. DIAMOND DRILL LOG Location: BROOKBANK - WEST

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		537'- C.G. HOMOGENEOUS DIORITE, INTERMITENT DOWNHOLE. 577'-579' AS 183.7"-188.1"					
		NOTE: DIORITE BECOMES U.F.G.- F.G. WHEN ANY ALTERATION APPEARS. ALTERATIONS INCLUDE - FAINT HEMATITE; WEAK TO STRONG CREAM-COLOURED; SILICIFICATION AND K-ALTERATION - DESCRIBED IN THIS LOG.					
		617.0-620.3" MODERATELY BRECCIATED WITH FAINT HEMATITE ALTERATION. 2%-5% F.G.- C.G. DISSEMINATED Py, 2% C.G. Cpy, <5% Spec.	3014	617	620.3"	3.3"	0.006
		620.3"-623.6" BRIGHT PINK-RED ALTERATION IN THIS BRECCIA. 2-5% F.G.- C.G. DISSEM. Py, <2% C.G. Cpy, <5% Spec. VEINLETS. IT IS SILICEOUS WITH NUMEROUS QTZ VEINLETS THROUGHOUT. K-SPECTRO-METER READINGS 200-300 COUNTS PER MINUTE.	3012	620.3"	623.6"	3.3"	0.012
		607'-631' THIS ALTERED AND DEFORMED SECTION IS MARKED BY A 1' BARREN WHITE QTZ VEIN. 6" WALLROCK IS WELL MINERALIZED WITH CARB-HEMATITE ALTERATION. GENERALLY A FAINT HEMATITE ALTERATION PERSISTS THROUGHOUT THE SECTION.					
		732-740' - 736.6"-735.6" WHITE CARB QTZ VEIN, <1% SCHEELITE, WITH WALLROCK ALTERATION AS DESCRIBED AT 183.7"-188.1". 1% C.G. Py, 3% Spec.		736.6"	740	3.6"	
		755'- 788' FAINT HEMATITE ALTERATION IN THIS Bx. 765-766.6" WHITE QTZ-CARB VEIN, 3% SCHEELITE. 766.6"-780.6" CREAM COLOURED ALTERATION WITH 3% F.G. TO C.G. DISSEM. Py & 5% Spec. VEINLETS. 780.6" - DOWNHOLE FAINT ALTERATION.		766.6"	780.6"	4.0	

METALORE RESOURCES LTD. DIAMOND DRILL LOG Location: BROOKBANK WEST Hole No: B-16W2

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		B-16W-2					
		805'-807'; 839'-847'; 867'-870'; 878'-900' WEAKLY DEVELOPED DIORITE ALTERATIONS.					
		905'- DOWNHOLE GRADING TO A FINE-GRAINED DIORITE. IT IS HOMOGENEOUS AND WEAKLY FRACTURED WITH <1% EPIDOTE STRINGERS-VEINLETS.					
		990'-998' 3' WHITE QTZ VEIN. <2% SCHEELITE, <½% CHLORITIC VEINLETS THROUGHOUT. <1% Py IN VERY WEAKLY ALTERED WALLROCK.					
78'	1260'	MAFIC VOLCANIC. VOLCANIC IS COARSE-GRAINED WITH VESICULAR PILLOW SELVAGES. SELVAGES ARE CHLORITE, EPIDOTE AND CARB-HEM FILLED. IT IS HOMOGENEOUS AND WEAKLY FRACTURED. <¼% SULPHIDES					
		1007' - ~1042' WEAK FOLIATION DEVELOPS WITH <2% DISSEMINATED MEDIUM-GRAINED PYRITE.					
		1047.6" - A 4" QTZ-CARB VEIN. IT IS BRECCIATED <1% Py.					
		1046.6" - A ¼" OVAL RED COLOUR FRAGMENT $FeCO_3$. COULD BE MISTAKEN FOR JASPER PEBBLE.					
		1047.10" <u>DEFORMATION DISAPPEARS</u>, DOWNHOLE.					
		PILLOW SELVAGES (VESICULAR IN PLACES) FILLED WITH EPIDOTE AND CARB. 4-8% EPIDOTE, <1% HEMATITE ALONG SLIPS. QTZ-CARB (1%) VEINLETS (WHITE-PINK) THROUGHOUT. <1% VERY COARSE-GRAINED DISSEMINATED PYRITE. <¼% SPECULARITE VEINLETS.					
		AT 1117' - 2" QTZ-CARB VEIN WITH WALLROCK ALTERATION. TOTAL 6" SECTION. 10% FINE- TO COARSE-GRAINED DISSEMINATED PYRITE.					

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: BROOKBANK - WEST Hole No: B-16W-2

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		B-16W-2					
		1150' - 4" QTZ-CARB VEIN WITH WALLROCK ALTERATION. 4-6% MEDIUM- TO COARSE- GRAINED DISSEMINATED PYRITE.					
		1174' - 2" + 1" QTZ-CARB VEIN WITH WALLROCK ALTERATION (EPIDOTE + HEMATITE). 3% FINE- TO MEDIUM- GRAINED PYRITE. TOTAL 8".					
		1183' - 7" QTZ-CARB VEIN INTERFINGERED WITH WALLROCK ALTERATION. 2% FINE- TO MEDIUM- GRAINED DISSEMINATED PYRITE.					
		1196.6" - 1" QTZ-CARB VEIN. 3-5% FINE- TO MED-GRAINED DISSEMINATED PYRITE.					
		1207' - 2" QTZ-CARB VEIN. 1% FINE-GRAINED DISSEMINATED Py.					
		1220' - 8" QTZ-CARB VEIN WITH 10% LIGHT-GREY SILICIFICATION. < ½" WALLROCK ALTERATION (PRIMARILY EPIDOTE).					
		1234.7' - 1237' QTZ-CARB VEIN. <1% SCHEELITE. BRICK RED HEMATITE ALTERATION AS WALLROCK AND VEINLETS IN VEIN. 3% PALE GREY SILICIFICATION. <1% DISSEMINATED MEDIUM- TO COARSE-GRAINED Py.					
		1249' - 1251' FOLIATION (WEAK) DEVELOPED @ 79° TO C/A.					
260	1349	DIORITE. POSSIBLE GRADATIONAL CONTACT TO A COARSE-GRAINED DIORITE. MAGNETITE CRYSTALS THROUGHOUT. THIS SECTION IS VERY HOMOGENEOUS WITH 3% EPIDOTE AND QTZ-CARB (PINK-WHITE) VEINLETS. <1% COARSE-GRAINED DISSEMINATED PYRITE.					
		1325' - 1349' MAFIC VOLCANIC PILLOW SELVAGES AT 1328' + 1335'					

METALORE RESOURCES LTD. DIAMOND DRILL LOG Location: BROOKBANK WEST Hole No: B16W2

Footage From	Footage To	Description B-16W-2	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		VESICULES ARE QTZ-CARB (WHITE-PINK) FILLED.					
49	1450	DEFORMED AND ALTERED MAFIC VOLCANIC					
		1349'-1352 WEAKLY FOLIATED (18° TO C/A) AND BRECCIATED. 15% SILICIFIED. 2½% FINE-GRAINED DISSEMINATED SULPHIDES.	74	1349	1352	3	0.006
		1352-1354.6" PROMINANT HEMATITE ALTERATION (BRIGHT BRICK RED)	73	1352	1354.6	2.6"	0.114
		1354.6"-1357 WITH 30% DARK GREY SILICIFICATION. MINOR SERICITE. 2½% COARSE-GRAINED DISSEMINATED PYRITE.	72	1354.6	1357	2.6"	0.005
		1357-1360.6" PROMINANT BANDS OF SILICEOUS (DARK GREY) HEMATITE (PINK TO BRICK RED) ALTERATIONS. HEMATITE APPEARS FRAGMENTAL. 2% COARSE-GRAINED SULPHIDES, CONCENTRATED LOCALLY, BUT NOT WELL DISSEMINATED.	71	1357	1360.6	3.6"	0.006
		1360.6"-1363 AS 1357-1360.6" BUT WITH 4% COARSE-GRAINED SULPHIDES.	70	1360.6	1363	2.6"	0.01
		1363-1365.6" BRIGHT BRICK RED HEMATITE FRAGMENTS + BUFF COLOUR FRAGMENTS. GREY SILICIFICATION. HEAVILY ENRICHED BLACK SPECULARITE WITH 3% BARREN WHITE QTZ VEINLETS. 2-3% FINE- TO MEDIUM-GRAINED DISSEMINATED PYRITE.	69	1363	1365.6	2.6"	0.02
		1365.6"-1368 PRONOUNCED FOLIATION 17° C/A AND BRECCIATED HEMATITE. MOTTLED GREY TO DARK GREY SILICIFICATION. 2-3% VERY FINE- TO MEDIUM-GRAINED DISSEMINATED PYRITE.	68	1365.6	1368	2.6"	0.074

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: BROOKBANK WEST Hole No: B16W2

Footage From	Footage To	Description B16W-2	Sample No.	Footage From	Footage To	Length	Assays Au	Assays Con
		1368-1370 BRECCIATED HEMATITE FRAGMENTS WITH MEDIUM GREY TO BROWN MATRIX. 3% SERICITE VEINLETS. 3% SPECULARITE VEINLETS. 15% ULTRA FINE- TO MEDIUM- GRAINED SULPHIDES.	67	1368	1370	2	0.182	
		1370-1373 AS 1368-1370	66	1370	1373	3	0.23	
		1373-1375.6" 20% WHITE MARBLED BARREN QTZ WITH DARK GREY TO BROWN MATRIX. 30% SERICITE. 19% ULTRA FINE- TO MEDIUM- GRAINED DISSEMINATED PYRITE.	65	1373	1375.6	2.6"	0.14	
		1375.6"-1378.6" HIGHLY MOTTLED MEDIUM- GREY SILICIFICATION WITH BRICK RED HEMATITE ALTERATION. 4% SERICITE VEINLETS. 6-7% ULTRA FINE- TO MEDIUM- GRAINED DISSEMINATED SULPHIDES.	64	1375.6"	1378.6"	3	0.56	
		1378.6"-1380.6" 10% WHITE MARBLED BARREN QTZ. 4% SULPHIDES (FINE- TO MEDIUM- GRAINED) FAVOURING SERICITE VEINLETS (20%). SOME SPECULARITE.	63	1378.6"	1380.6"	2	0.59	
		1380.6"-1382 AS 1378.6"-1380.6". 3% FINE- TO MEDIUM- GRAINED SULPHIDES FAVOURING SERICITE VEINLETS (20%). SOME SPECULARITE.	62	1380.6"	1382	1.6"	0.353	
		DEFORMED AND ALTERED SEDIMENTS.						
		1382-1384 MARBLED BUFF- TO LIGHT PINK- ALTERATIONS (SPECTROMETER READINGS K-400-500 COUNTS PER MINUTE (BACKGROUND 200 COUNTS PER MINUTE)). 40% SILICIFICATION. 2% FINE- TO MEDIUM- GRAINED SULPHIDES FAVOURING SERICITE VEINLETS (5%).	61	1382	1384	2	0.214	

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: BROOKBANK WEST Hole No: B-16W-2

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		B-16W-2					
		1384-1387 PASTEL PINK-BEIGE TO GREENISH COLOURS. 40-50% SILICIFICATION. MINOR SPECULARITE (BLACK) VEINLETS PARALLEL WITH FOLIATION (17° C/A) THROUGHOUT. 4% MEDIUM-GRAINED DISSEMINATED PYRITE FAVOURING SERICITE VEINLETS (25%).	60	1384	1387	3	0.294
		1387-1388.6" MEDIUM-GREY SLIGHTLY MARBLED SILICIFICATION. MINOR SERICITE. 3% FINE-GRAINED DISSEMINATED SULPHIDES.	59	1387	1388.6"	1.6"	0.30
		1388.6"-1390.6" DARKER MOTTLED MARBLE SILICIFICATION. 10% SERICITE VEINLETS. 4% ULTRA FINE-TO MEDIUM-GRAINED DISSEMINATED SULPHIDES.	58	1388.6"	1390.6"	2	0.642
		1390.6"-1392.6" DARK BLUE-TO BUFF-SILICIFICATION WITH 3% ULTRA FINE-GRAINED DISSEMINATED SULPHIDES.	57	1390.6"	1392.6"	2	0.31
		1392.6"-1394.6" AS 1390.6"-1392.6"	56	1392.6"	1394.6"	2	0.10
		1394.6"-1397 MOTTLED DARK GREY FRAGMENTS AND PROUNCED PINK ALTERATION. 1½% ULTRA FINE-GRAINED DISSEMINATED SULPHIDE ASSOCIATED WITH SERICITE VEINLETS (20%). 1½% COARSE-GRAINED SULPHIDES ALSO ASSOCIATED WITH SERICITE VEINLETS.	55	1394.6"	1397	2.6"	0.11
		DEFORMED AND ALTERED VOLCANICS.					
		1397-1401 SHARP CONTACT WITH A MULTICOLOURED SECTION. SERICITE 30% (YELLOW), CHLORITE (DARK TO MED-BRIGHT GREEN), Fe-CARB (PALE BROWN), BUFF ALTERATION AND BRICK RED HEMATITE THROUGHOUT. SOME MOTTLED QTZ WITH A PINK HUE. 5% EXTREMELY FINE-GRAINED DISSEMINATED PYRITE	54	1397	1401	4	0.15

METALORE RESOURCES LTD. DIAMOND DRILL LOG Location: BROOKBANK WEST Hole No: B16W2

Footage From	Footage To	Description B-16W-2	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		1401-1404 AS 1397-1399	52	1401	1404	3	0.614
		1404-1406.6" VERY DARK BROWN TO BLACK MAFIC SECTION. HEMATITE	51	1404	1406.6	2.6"	0.28
		1406.6"-1409 FRAGMENTS PROMINANT. 10% MOTTLED QTZ WITH FAINT PINK HUE. 2% SERICITE VEINLETS. 1-2% FINE-GRAINED DISSEMINATED PYRITE.	50	1406.6	1409	2.6"	0.32
		1409-1411 45% MOTTLED MARBLE QTZ. 5% Fe-CARB + SERICITE VEINLETS. 10% SPECULARITE VEINLETS. 5% VERY FINE-GRAINED DISSEMINATED PYRITE.	49	1409	1411	2	0.242
		1411-1413.6" TRANSITION BETWEEN ABOVE + BELOW SECTIONS. 15% FINE- TO COARSE-GRAINED DISSEMINATED PYRITE	48	1411	1413.6"	2.6"	0334
		1413.6"-1416 MOTTLED SILICIFIED SECTION. 15% Fe-CARB+SERICITE VEINLETS. DARK BLUE SPECULARITE? VEINLETS THROUGHOUT. 15% FINE- TO COARSE-GRAINED DISSEMINATED PYRITE.	47	1413.6	1416	2.6"	0.312
		1416-1419 WELL FOLIATED WITH BRECCIA FRAGMENTS OF HEMATITE. 85% SILICIFIED WITH SOME MOTTLED CARBONATE. 15% SERICITE VEINLETS. 12-15% VERY FINE-GRAINED TO COARSE-GRAINED DISSEMINATED PYRITE.	46	1416	1419	3	0.24
		1419-1421 AS 1416-1419 WITH AN INCREASE IN WHITE MOTTLED QTZ, AND SPECULARITE. 12-15% VERY FINE- TO COARSE-GRAINED DISSEMINATED PYRITE.	45	1419	1421	2	0.27

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: BROOKBANK WEST Hole No: B16W2

B-16W-2

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		1421-1424 AS 1416-1419 WITH 10-12% VERY FINE-TO COARSE-GRAINED DISSEMINATED PYRITE.	44	1421	1424	3	0.33
		DEFORMED AND ALTERED SEDIMENTS.					
		1424-1427 90% SILICIFICATION ⇒ PASTEL GREY TO BUFF COLOUR. 15% SERICITE VEINLETS, WITH COARSE-GRAINED DISSEMINATED PYRITE FAVOURING VEINLETS. 4% PYRITE.	43	1424	1427	3	0.37
		1427-1430 PASTEL COLOURS THROUGHOUT SECTION. BRECCIATED DARK BROWN HEMATITE FRAGMENTS. 15% SERICITE VEINLETS. VERY WELL FOLIATED 21° TO C/A. 3% VERY FINE-GRAINED DISSEMINATED PYRITE.	42	1427	1430	3	0.242
		1430-1431.6" 47% DARK GREY BLUE SILICIFICATION WITH STRINGERS OF A BLUE MINERAL. 50% MARBLED WHITE QTZ. 10% SERICITE VEINLETS. 3% FINE- TO COARSE-GRAINED SULPHIDES.	41	1430	1431.6"	1.6"	0.322
		1431.6"-1433.6" AS 1430-1431.6"	40	1431.6"	1433.6"	2	0.152
		1433.6"-1435.6" GREY SILICIFICATION WITH 25% SERICITE VEINLETS. IT IS VERY WELL FOLIATED 20° TO C/A. 5% VERY FINE-GRAINED DISSEMINATED PYRITE.	39	1433.6"	1435.6"	2	0.15
		1435.6"-1438 AS 1433.6"-1435.6"	38	1435.6"	1438	2.6"	0.23
		1438-1441 QTZ-SERICITE SCHIST. 20% SERICITE VEINLETS. 5% VERY FINE-GRAINED DISSEMINATED PYRITE.	37	1438	1441	3	0.45

METALORE RESOURCES LTD. DIAMOND DRILL LOG Location: BROOKBANK WEST Hole No: B16W2

B-16W-2

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		1441-1443.6" 85% MOTTLED GREY SILICIFICATION. 5% SERICITE-CHLORITE STRINGERS. 5% FINE- TO COARSE- GRAINED DISSEMINATED SULPHIDES.	36	1441	1443.6"	2.6"	0.312
		1443.6"-1446 80-85% DARK BLUE SILICIFICATION. 15% SERICITE-CHLORITE STRINGERS. CONSIDERABLE FINE-GRAINED DISSEMINATED BLUE-GREY MINERAL. CONSTITUTES ROCK. 8% VERY FINE- TO MEDIUM GRAINED DISSEMINATED PYRITE.	35	1443.6"	1446	2.6"	0.40
		1446-1448 80% PALE GREY SILICIFICATION. SERICITE-CHLORITE VEINLETS THROUGHOUT. BLUE MINERAL IN VEINLETS. 5-7% VERY FINE- TO COARSE- GRAINED DISSEMINATED PYRITE.	34	1446	1448	2	0.242
		1448-1450 AS 1446-1448	33	1448	1450	2	0.48
150	1476	POLYMICTIC META CONGLOMERATE. MODERATELY DEFORMED WITH AN OCCASSIONAL CLAST SUPPORTED BY ANOTHER CLAST. GENERALLY, IT IS MATRIX SUPPORTED, A DISORGANIZED BED IN THE BASAL SECTION OF THE DEBRIS FLOW. MATRIX IS GRANULAR IN APPEARANCE WITH FLATTENED FELDSPATHIC, QTZ, JASPER AND MAFIC CLASTS (PEBBLES-COBBLES) DISPERSED THROUGHOUT.					
OH							

METALORE RESOURCES LTD. DIAMOND DRILL LOG Location: BROOKBANK-WEST PLOT ON ... Hole No. B-16W-2A

Latitude: WEDGE Departure — Elevation: — Length: 1492' Core Size HQ-2½" Claim No. TB 29038 Started Jan 13, 1986

Azimuth: — Completed: Jan 18, 1986

Dip: Logged by: BARBARA KOWALSKI BK

Tropari	Tests:	334°	-76°	354-70			
		341°	-76°				

Purpose: CUT ANOTHER SECTION OF THE ZONE, TO THE WEST. Drilled by: MORISSETTE

Hole: B-16W-2A

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton			
...41	1360.6"	DIORITE. IT IS HOMOGENEOUS, MASSIVE AND MEDIUM- TO FINE-GRAINED. THREE PERCENT EPIDOTE AND QTZ-CARB (PINK-WHITE) VEINLETS THROUGHOUT. <1% COARSE-GRAINED DISSEMINATED PYRITE.								
...60.6"	1419	... WEAKLY FOLIATED (21° C/A) WITH Fe-CARB PLUS HEMATITE VERY FAINTLY DEVELOPED.								
		1361.10"-1363.1" ALTERED WITH Ca-CARBONATE + Fe-CARBONATE STRINGERS AND VEINLETS. 1% FINE- TO MEDIUM-GRAINED DISSEMINATED PYRITE.		1361.10	1363.1"	1.3"				
		1363.1"-1364.8" AS 1361.10"-1363.1"		1363.1"	1364.8"	1.8"				
		1364.8"-1370 DARK GREEN + MODERATELY FOLIATED (15° C/A). 2% BRECCIATED Fe-CARB (ORANGE) OCCURS THROUGHOUT SECTION. <2% MEDIUM-GRAINED DISSEMINATED PYRITE.		1364.8"	1370	5.4"				
		1370-1375 PRONOUNCED FOLIATION. 5% Fe-CARB (ORANGE) + HEMATITE. VEINLETS OF QUARTZ THROUGHOUT. 40-50% EXTREMELY FINE-GRAINED TO MASSIVE SPECULARITE (MAKING ROCK LOOK VERY DARK BLUE AND LUSTROUS). 2% MEDIUM-GRAINED PYRITE DISSEMINATED THROUGHOUT.		1370	1375	5		0.03		
						117.b	-1542 22	-285 65	8848 .41	354
						321				361

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: BROOKBANK-WEST Hole No: B-16W2A

Footage From	Footage To	Description B-16W-2A	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		1375-1380.5" AS 1370-1375 10% BRECCIATED Fe-CARB FRAGMENTS. 9% QTZ VEINLETS. 2% MEDIUM-GRAINED DISSEMINATED PYRITE.	004	1375	1380.5"	5.5"	0.01
201		1380.5"-1385 WELL FOLIATED. 10% DARK GREY SILICIFICATION, 30% Fe-CARB + HEMATITE (ORANGE). 4% QTZ VEINLETS. 20-25% VERY FINE-GRAINED SPECULARITE. 5% FINE- TO MEDIUM-GRAINED DISSEMINATED PYRITE.	2131	1380.5"	1385	4.7"	0.18
		1385-1387 AS 1380.5"-1385 30% VERY FINE-GRAINED SPECULARITE. 5% FINE- TO MEDIUM-GRAINED DISSEMINATED PYRITE.	2135	1385	1387	2	0.03
		1387-1390 3% SILICIFICATION, 50% Fe-CARB + HEMATITE BRECCIATED, <1% SERICITE. 10-20% VERY FINE-GRAINED SPECULARITE VEINLETS. 5-8% FINE- TO MEDIUM-GRAINED DISSEMINATED + VEINLETS OF PYRITE.	2136	1387	1390	3	0.16
		1390-1395 ABRUPT CHANGE TO DARK BUT FAINTLY PINK ALTERATION. MOTTLED MARBLE APPEARANCE WITH 3% SERICITE VEINLETS. 40% DARK BLUE SPECULARITE + 3% VERY FINE-GRAINED DISSEMINATED PYRITE.	003	1390	1395	5	0.13
		1393.6" PRONOUNCED FOLIATION WITH PLETHORA OF COLOURS - SERICITE, CHLORITE, HEMATITE. 40-45% SILICIFICATION. SPECTROMETER 200-400 COUNTS PER MINUTE. (BACKGROUND 200 C.P.M.).					
		1395-1400 AT 1396.2" ABRUPT CHANGE FROM A FINELY FOLIATED (SPECULARITE + CHLORITE VEINLETS) TO A MOTTLED MARBLE (PINK-BROWN). THE LATTER IS 45% SILICIFIED. <2% SERICITE. (12° TO C/A). 4% FINE-GRAINED DISSEMINATED PYRITE.	2138	1395	1400	5	0.18

METALORE RESOURCES LTD. DIAMOND DRILL LOG Location: BROOKBANK-WEST Hole No: B-16W2A

Footage From	Footage To	Description B-16W-2A	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		1400-1405 AS 1396.2"-1401.7" DOWNHOLE → 5-6% PALE- TO MEDIUM-GREY SILICIFICATION. 5-6% VERY FINE- TO COARSE-GRAINED PYRITE.	Q139	1400	1405	5	0.12
		1405-1410 VERY FINELY FOLIATED WITH HEMATITE + CRYSTALS OF SERICITE? OR PLAGIOCLASE FELDSPARS. 1406' STREAKS OF DARK BLUE VEINLETS (SPECULARITE) ALSO OCCUR AS DISSEMINATIONS, IN A PINK-BROWN MATRIX. VEINLETS OF PINKISH QTZ-CARB VEINLETS THROUGHOUT. 30% SILICIFIED. 3-4% VERY FINE-GRAINED DISSEMINATED PYRITE.	Q140	1405	1410	5	0.08
		1410-1415 SCHIST. STREAKS OF SPECULARITE INTERMIXED WITH CARBONATE + CRYSTALS OF SERICITE OR PLAGIOCLASE FELDSPARS (<1mm) QTZ-CARB VEINLETS THROUGHOUT. ONE VEINLET ENRICHED WITH HEMATITE ALTERATION. 25% SILICIFIED. 1% FINE-GRAINED DISSEMINATED PYRITE.	2063	1410	1415	5	0.07
		1415-1419 SCHIST. VERY DARK BLUE WITH BROWNISH-YELLOW MATRIX. CRYSTALS OF PLAGIOCLASE FELDSPARS THROUGHOUT. <5% SILICIFIED. <1% FINE- TO MEDIUM-GRAINED DISSEMINATED PYRITE.	2164	1415	1419	4	0.002
119	1478.6"	DEFORMED + ALTERED SEDIMENT. 1419-1422 FLATTENED QTZ + FELDSPATHIC PEBBLES. FINELY FOLIATED WITH SERICITE, CHLORITE, Fe-CARB (30%), 30% SILICIFIED. 8% EXTREMELY FINE-GRAINED DISSEMINATED PYRITE.	3001	1419	1422	3	0.11
		1422-1424 45% SILICIFIED WITH BRECCIATED Fe-CARB FRAGMENTS. 3% SPECULARITE VEINLETS. 4% SERICITE. 10% VERY FINE- TO COARSE-GRAINED DISSEMINATED PYRITE.	3003	1422	1424	2	0.24

METALORE RESOURCES LTD. DIAMOND DRILL LOG Location: BROOKBANK - WEST Hole No: B16W2A

B-16W-2A

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		1424 - 1427.6" WELL FOLIATED WITH SERICITE, Fe-CARB, HEMATITE AND 2% VEINLETS OF SPECULARITE DEFINE FOLIATION. ≈25% SILICIFIED. AT 1427' QTZ-CARB VEINLET WITH SERICITE + CHLORITE VEINLETS THROUGHOUT. 400-500 K-SPECTROMETER READING COUNTS PER MINUTE. 10% FINE- TO MEDIUM-GRAINED DISSEMINATED PYRITE.	3005	1424	1427.6"	3.6"	0.15
		1427.6" - 1432.6" Fe-CARB-HEMATITE-QTZ-SERICITE SCHIST (10° TO C/A). MINOR FUCHSITE. BOUDINAGED QTZ + FELDSPATHIC PEBBLES. <3% SILICIFICATION IN ISOLATED PLACES. 1% FINE-GRAINED PYRITE.	2165	1427.6"	1432.6"	5	0.12
		1432.6" - 1437.6" CHLORITE-CARBONATE-SERICITE SCHIST. 75% SILICIFIED. YELLOW-GREEN TO BUFF ARE PRIMARY COLOURS. <1% FINE-GRAINED DISSEMINATED PYRITE.	2059	1432.6"	1437.6"	5	0.11
		1437.6" - 1440.6" AS 1432.6" - 1437.6" 3-5% VERY FINE- TO MEDIUM-GRAINED DISSEMINATED PYRITE.	3011	1437.6"	1440.6"	3	0.18
		1440.6" - 1443.9" SHARP CONTACT. MODERATELY FOLIATED BUT MOTTLED MARBLE TEXTURE PROMINANT. 80% SILICIFIED (BLUE-GREY) WITH BUFF COLOUR VEINLETS PASSING ACROSS SECTION. 60% DARK BLUE COLOUR. 4% FINE-GRAINED DISSEMINATED PYRITE. 30% SPECULARITE VEINLETS.	3013	1440.6"	1443.9"	3.3"	0.23
		1443.9" - 1447 90% (70% MEDIUM-GREY, ≈20% BUFF) SILICIFICATION. MOTTLED BLUE-BUFF IN COLOUR. 5% SPECULARITE VEINLETS. 8% SERICITE VEINLETS. 1½% EXTREMELY FINE-GRAINED DISSEMINATED PYRITE.	3015	1443.9'	1447	3.3"	0.36

METALORE RESOURCES LTD. DIAMOND DRILL LOG Location: BROOKBANK - WEST Hole No: B16W2A

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		B16W2A					
		1447-1451 90% PALE- TO MEDIUM-GREY SILICIFICATION. RAZOR SHARP CONTACT WITH A SERICITE ENRICHED SECTION. 6-8% SERICITE, <1% Fe-CARB. WELL FOLIATED 11° TO C/A. 2-3% VERY FINE-GRAINED DISSEMINATED PYRITE.	3017	1447	1451	4	0.18
		1451-1454 AS 1447-1451. FUCHSITE AND SERICITE VEINLETS (8%). 1% VERY FINE- TO MEDIUM-GRAINED DISSEMINATED PYRITE.	3019	1451	1454	3	0.10
		1454-1456.6" AS 1447-1451 FUCHSITE AND SERICITE VEINLETS (8%). 2-3% EXTREMELY FINE-GRAINED DISSEMINATED PYRITE.	3021	1454	1456.6"	2.6"	0.08
		1456.6"-1459.6" 80% MED-GREY SILICIFICATION. MOTTLED AND WELL FOLIATED. 10% CHLORITE-SERICITE-FUCHSITE VEINLETS, <5% BRECCIATED BROWN Fe-CARBONATE. 2% SPECULARITE VEINLETS. 10-13% VERY FINE- TO MEDIUM-GRAINED PYRITE.	2146	1456.6"	1459.6"	3	0.18
		1459.6"-1462.6" 85% PALE- TO MEDIUM-GREY MOTTLED SILICIFICATION. 8% SERICITE-CHLORITE VEINLETS. 10-13% EXTREMELY FINE- TO COARSE-GRAINED PYRITE.	2148	1459.6"	1462.6"	3	0.20
		1462.6"-1465 AS 1459.6"-1462.6" WITH A PALE PINK HUE, DUE TO HEMATITE. 1% EXTREMELY FINE-GRAINED DISSEMINATED PYRITE.	2150	1462.6"	1465	2.6"	0.05
		1465-1467 AS 1459.6"-1462.6" 1-2% EXTREMELY FINE-GRAINED DISSEMINATED PYRITE.	2152	1465	1467	2	0.11
		1467-1468 75% SILICIFIED. IT IS WELL FOLIATED 13° TO C/A. SILICIFICATION IS DARK BLUE- TO MEDIUM-GREY IN COLOUR. 20% CHLORITE-SERICITE VEINLETS. 15% EXTREMELY F.G.-C.G. DISSEM. Py.	2154	1467	1468	1	0.20

METALORE RESOURCES LTD. DIAMOND DRILL LOG Location: BROOKBANK WEST Hole No: B16W2A

B16W2A

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		1468-1471 AS 1454-1456.6" 1% EXTREMELY FINE-GRAINED DISSEMINATED PYRITE.	2167	1468	1471	3	0.12
		1471-1473 AS 1447-1451 4-5% EXTREMELY FINE-GRAINED DISSEMINATED PYRITE.	3024	1471	1473	2	0.32
		1473-1475.6" 80-90% MOTTLED BLUE-GREY SILICIFICATION. 3% SERICITE-CHLORITE VEINLETS. FOLIATION 13° TO C/A. 4-6% EXTREMELY FINE-GRAINED DISSEMINATED PYRITE.	3025	1473	1475.6"	2.6"	0.16
	304'	1475.6"-1477 SCHIST. 60% SILICIFICATION. Ca-CARB VEINLETS. STREAKS OF BLUE MINERAL AS VEINLETS. 15% EXTREMELY FINE- TO COARSE-GRAINED DISSEMINATED PYRITE.	3026	1475.6"	1477	1.6"	0.48
		1477-1478.6" SCHIST. 80% PALE-GREY SILICIFICATION. 10% SERICITE-CHLORITE VEINLETS. WELL FOLIATED 8° TO C/A. 1" FAULT. 5% SPECULARITE VEINLETS. 1% EXTREMELY FINE-GRAINED DISSEMINATED PYRITE.	2169	1477	1478.6"	1.6"	0.04
1486"	1492	POLYMICTIC META CONGLOMERATE.	2171	1478.6"	1480	1.6"	TR.
OH		1478.6"-1480 SERICITE (60%) ENRICHED WITH FLATTENED QTZ PEBBLES. <1% F.G. DISSEMINATED PYRITE.				0.15 oz Hon	over 95.
		MODERATELY DEFORMED WITH AN OCCASSIONAL CLAST SUPPORTED BY ANOTHER CLAST. GENERALLY, IT IS MATRIX SUPPORTED A DISORGANIZED BED IN THE BASAL SECTION OF THE DEBRIS FLOW. MATRIX IS GRANULAR IN APPEARANCE WITH FLATTENED FELDSPATHIC, QTZ, JASPER AND MAFIC CLASTS (PEBBLES-COBBLES) DISPERSED THROUGHOUT.					

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: BROOKBANK

Page No: _____ of _____

Hole No: B16W2

ADDITIONAL ASSAYS. B16W2

#33 → 62 halved core REGULAR ASSAY.
#3101 → #3130 plates ½" ½ ASSAY TONNE & 1 ASSAY TONNE
#63 - #71 plates. & "C"

	Plates	"C"
#63	0.524	0.588
64	0.560	0.556
65	0.130	0.136
66	0.226	0.196
67	0.182	0.162
68	0.066	0.074
69	0.014	TR
70	0.010	0.010
71	0.005.	0.006
72	halves. rej	0.005
73	halves rej	0.114
74	halves. rej	0.006.

3 decimals 0.291 (0.2908)
2 decimals 0.291 (0.2909).

Footage From	Footage To	Sample No.	Length	½	1	Assays Au oz/ton Rej
(33)	3101		3101	0.374	0.365	0.480
			34	3102	0.262	0.193	0.242
			35	3103	0.272	0.281	0.396
			36	3104	0.366	0.350	0.312
			37	3105	0.444	0.442	0.446
			38	3106	0.206	0.215	0.228
			39	3107	0.112	0.121	0.146
			40	3108	0.152	0.143	0.120
			41	3109	0.322	0.317	0.208
			42	3110	0.242	0.242	0.236
			43	3111	0.356	0.367	0.332
			44	3112	0.266	0.268	0.328
			45	3113	0.108	0.109	0.266
			46	3114	0.168	0.178	0.240
			47	3115	0.312	0.304	0.310
			48	3116	0.296	0.297	0.334
			49	3117	0.242	0.239	0.220
			50	3118	0.318	0.300	0.292
			51	3119	0.250	0.222	0.276
			52	3120	0.612	0.583	0.614
			53	3121	0.230	0.216	0.216
			54	3122	0.	0.071	0.076
			55	3123	0.092	0.086	0.110
			56	3124	0.086	0.075	0.100
			57	3125	0.310	0.286	0.258
			58	3126	0.642	0.642	0.604
			59	3127	0.288	0.276	0.296
			60	3128	0.294	0.284	0.282

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: BROOKBANK - WEST Hole No. B26W2

Latitude: 8+10S Departure 26+00W Elevation: 1007' Length: 1420' Core Size NQ - 17/8" Claim No. TB 29039 Started FEB 20, 1986

Azimuth: 334°/347°/350° Dip: -70°

Tropari/Dip Tests:	50' -66°	225' -71°	550' -70°	850' -70°	1150' -64½°	1420' -60°	(-59°)
Cap. Correc.	Az AT 1420' 347° AND 350°						

Completed: MAR 6, 1986

Logged by: BARBARA KOWALSKI BK

Drilled by: MORISSETTE

Purpose: TO TEST THE CONTACT BETWEEN VOLCANICS AND SEDIMENTS

Hole - B26W2

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
0.0	18.0	CASING					
8.0	177.0	DIORITE. IT IS MASSIVE, HOMOGENEOUS AND GRADES FROM EXTREMELY COARSE-GRAINED TO FINE-GRAINED TO COARSE-GRAINED. EPIDOTE OCCURS AS MATRIX (ASSOCIATED MORE WITH COARSER GRAINED THAN FINER-GRAINED), STRINGERS AND VEINLETS. QTZ-CARB (WHITE-PINK) STRINGERS & VEINLETS THROUGHOUT. MODERATELY MAGNETIC. <½% LOCAL MEDIUM-GRAINED DISSEMINATED PYRITE.					
177.0	186.6"	MAFIC VOLCANIC. MASSIVE, HOMOGENEOUS AND FRACTURED WITH EPIDOTE, QTZ-CARB, HEMATITE STRINGERS THROUGHOUT. GENERALLY, TRACE PYRITE. NON-MAGNETIC.					
86.6"	192.0	DIORITE AS 18-177 GRADATIONAL CONTACT TO FINE- TO MEDIUM-GRAINED DIORITE.					
92.0	196.6"	MAFIC VOLCANIC. AS 177-186.6"					
196.6"	197	DIORITE AS 18-177					
197	210	MAFIC VOLCANIC AS 177-186.6"					
210	223	DIORITE AS 186.6" - 192					

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: BROOKBANK-WEST

Hole No: B26W2

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assay Au oz/ton
123	457	B26W2 MAFIC VOLCANIC AS 177-186.6" WITH AN INCREASE IN CARB + HEMATITE. 349'- 1' CARBONATE ENRICHED BRECCIA . 1% M.G. DISSEM. PYRITE 351' - 8" " " " " - 349' & 351' 80% BROKEN CORE THIS VOLCANIC SECTION IS EXTREMELY FRACTURED, LOCALLY BRECCIATED, LOCALLY MASSIVE. EPIDOTE IS PRIMARILY CONCENTRATED IN CLOSE PROXIMITY TO THE VESICULAR PILLOW SELVAGES. THE PILLOW SELVAGES OCCUR LOCALLY. NON-MAGNETIC.					
457	559	DIORITE AS 186.6" - 192.	10632	472.7"	477	4.5"	0.002
559	~567	MAFIC VOLCANIC AS 177-186.6'					
567	681	DIORITE AS 186.6"- 192 WITH AN INCREASE OF HEMATITE ALONG SLIPPAGE PLANES.					
681	707	MAFIC VOLCANIC. AS 177-186.6"					
707	826	DIORITE AS 186.6"- 192					
826	835	MAFIC VOLCANIC AS 177-186.6"					
835	965	DIORITE AS 186.6"- 192					
965	1004	MAFIC VOLCANIC AS 177-186.6" 80% BROKEN CORE					
1004	1021	DIORITE FINE-GRAINED AS 186.6"- 192					

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: BROOKBANK - WEST

Hole No: B26W2

Footage From	Footage To	Description B26W2	Sample No.	Footage From	Footage To	Length	Assay Au oz/ton
021	1031.6"	MAFIC VOLCANIC AS 177-186.6" WITH PILLOW SELVAGES THROUGHOUT.					
031.6"	1300'	DIORITE FINE-GRAINED 186.6" - 192 1047' - 1072.6" DEFORMED DIORITE 1047' - 1050' WELL FOLIATED WITH 5% SPECULARITE VEINLETS.					
		1050' - 1052' SCHIST. BUFF (HEAVY CARBONATE CONTENT). QTZ-CARB VEINLETS THROUGHOUT. 2% SILICIFICATION. <1% SPECULARITE + 10% VERY FINE-GRAINED DISSEMINATED AND VEINLETS OF PYRITE.	10626	1050	1052	2	TR
		1052 - 1055 AN INCREASE OF 5% SPECULARITE VEINLETS. <2% MEDIUM-GRAINED DISSEMINATED PYRITE.	10627	1052	1055	3	0.002
		1055 - 1058 AS 1052 - 1055	10628	1055	1058	3	TR
		1058 - 1060 AS 1050 - 1052	10629	1058	1060	2	0.006
		1060 - 1062.6" MOTTLED MARBLED 1.2" QTZ VEIN. 10-15% MEDIUM- TO COARSE-GRAINED DISSEMINATED AND VEINLETS OF PYRITE	10630	1060	1062.6	2.6"	0.02
		1062.6" - 1064 QTZ WHICH IS VIRTUALLY BARREN FROM SULPHIDES. (<½%) SOME SERICITE. 2% SPECULARITE.					
		1064 - 1067 3" MOTTLED WHITE QTZ VEIN WITH WELL FOLIATED PINK-CARB THROUGHOUT. 5-6% SERICITE VEINLETS. 10% FINE- TO COARSE-GRAINED DISSEMINATED PYRITE.	10631	1064	1067	3	TR
		1067 - 1072.6" WEAKLY DEVELOPED ALTERATION.					

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: BROOKBANK - WEST

Hole No: B26W2

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assay Au oz/t
		B26W2					
		1072.6" - 1075 ALTERED DIORITE BEIGE TO ORANGE COLOUR ALTERATION 4-5% SPECULARITE VEINLETS. <1/2% SULPHIDES.					
		1075-1078 AS 1072.6" - 1075. 4-5% SPECULARITE VEINLETS. 3-4% SULPHIDES.					
		1078 - 1300 DIORITE MASSIVE, FINE-GRAINED AND HOMOGENEOUS. NO EPIDOTE. WHITE TO SLIGHTLY PINK QTZ-CARB VEINS.					
		1089-1092 QTZ-CARB VEIN WITH CHLORITIC VEINLETS THROUGHOUT. 6" WALLROCK WHICH IS WELL FOLIATED AND ALTERED CARBONATE. <1% MEDIUM-GRAINED PYRITE.					
		1098-1216 VERY WEAKLY FOLIATED WITH PLAGIOCLASE FELDSPAR CRYSTALS.					
		1216-1300 LOCAL SECTIONS OF BLACK TO FAINTLY RED HUES. THERE IS SOME SILICIFICATION. 1-2% CONCENTRATION OF MEDIUM- TO COARSE-GRAINED PYRITE.					
300		DEFORMED AND ALTERED MAFIC VOLCANIC. PILLOW SELVAGES THROUGHOUT.					
		1302.6" - 1304.6" WELL FOLIATED WITH BLACK + ORANGE ALTERATION THROUGHOUT. BRECCIATED Fe-CARB PROMINANT. 5% COARSE-GRAINED PYRITE	3155	1302.6"	1304.6"	2	0.008
		1304.6" - 1306.6" AS 3155.	3156	1304.6"	1306.6"	2	0.004

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: BROOKBANK-WEST

Hole No: B26W2

Footage From	Footage To	Description B26W2	Sample No.	Footage From	Footage To	Length	Assay Au oz/ton
		1306.6"-1313 DEFORMED PILLOWED MAFIC VOLCANIC.					
*		1313-1372 GENERALLY, THIS ENTIRE ALTERATION ZONE CAN BE DESCRIBED AS FOLLOWS: EXTREMELY WELL FOLIATED (SCHIST), ALTERED HEAVILY WITH CARBONATE, SOME HEMATITE AND VERY LOCAL SHORT SECTIONS OF SILICIFICATION. PYRITE CONTENT IS VARIABLE AND IS DIRECTLY REFLECTED IN THE ASSAYS.					
		1313-1316 <1% FINE-GRAINED SULPHIDES	3154	1313	1316	3	0.001
		1316-1319 HEAVY WHITE CARBONATE CONTENT IN SCHIST. <1% SULPHIDES.	3153	1316	1319	3	0.004
		1319-1322 LITTLE GREY SILICIFICATION. 1-2% F.G. PYRITE.	3152	1319	1322	3	0.024
		1322-1325 60% GREY SILICIFICATION. 1% DISSEMINATED F.G. PYRITE.	3151	1322	1325	3	0.010
		1325-1328.6" STREAKS OF BLACK BANDS (PILLOW SELVAGES). PROMINANT Fe-CARB < 1% SULPHIDES.	3150	1325	1328.6"	3.6"	TR
		1328.6"-1332 AS 1325-1328.6"	3149	1328.6"	1332	3.6"	0.004
		1332-1335 AS 1325-1328.6"	3148	1332	1335	3	0.020
		1335-1337 AS 1325-1328.6"	3147	1335	1337	2	0.008
		1337-1339.4" 40% SMOKY SILICIFICATION, 40-50% MOTTLED-BRECCIATED Fe-CARB. 1-2% VERY FINE-GRAINED SULPHIDES	3146	1337	1339.4"	2.4"	0.016
		1339.4"-1342 30% SMOKY SILICIFICATION, 40-50% MOTTLED-BRECCIATED Fe-CARB. 1-2% VERY FINE-GRAINED SULPHIDES.	3145	1339.4"	1342	2.8"	0.009
		1342-1344 80% SILICIFIED, BLACK-BRICK RED (HEMATITE)+ BUFF COLOUR BRECCIA. 2% VERY FINE-GRAINED PYRITE.	3144	1342	1344	2	0.014
		1344-1346.6" AS 1342-1344 1% SULPHIDES, 10% SPECULARITE	3143	1344	1346.6	2.6"	0.002
		1346.6"-1355.6" BARREN FROM SULPHIDES.					
		1355.6"-1358.6" SCHIST. 10% BROWN Fe-CARB. 2% SERICITE VEINLETS. 10% SPECULARITE VEINLETS. OCCASSIONAL SULPHIDE CRYSTAL.	3142	1355.6"	1358.6"	3	TR

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: BROOKBANK- WEST

Hole No: B26W2

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assay Au oz/ton
		B26W2					
		1358.6"- 1362.6" AS 1355.6"- 1358.6" SCHIST. <½% SULPHIDES.	3141	1358.6"	1362.6"	4	TR
		1362.6"- 1366.6" AS 1355.6"- 1358.6" SCHIST. <½% SULPHIDES.	3140	1362.6"	1366.6"	4	0.01
		1366.6"- 1369.6" MOTTLED AND WELL FOLIATED. 40% SILICIFIED, 3% SERICITE VEINLETS, 30% CARBONATE, 10% SPECULARITE-CHLORITE VEINLETS. 1-2% VERY FINE-GRAINED DISSEMINATED PYRITE.	3139	1366.6"	1369.6"	3	0.014
		1369.6"- 137 MOTTLED CARBONATE + CHLORITIC WALLROCK 60% SURROUND AN 8" HEAVILY MINERALIZED (2-3% DISSEMINATED PYRITE) MODERATELY WELL SILICIFIED SECTION. <1% SERICITE VEINLETS. FOLIATION 30° TO C/A.	3138	1369.6"	1372	2.6"	0.012
		DEFORMED AND ALTERED SEDIMENTS.					
		1372- 1375 VERY WELL SILICIFIED. 20% FELDSPATHIC MATERIAL (FLATTENED PEBBLES). 10% Fe-CARB. 1-2% EXTREMELY FINE-GRAINED DISSEMINATED PYRITE.	3137	1372	1375	3	0.036
		1375- 1377.8" 60% SILICIFIED, 10% FELDSPATHIC MATERIAL (FLATTENED PEBBLES). 1' HEAVILY MINERALIZED SECTION (10% FINE-GRAINED DISSEMINATED PYRITE). 10% SPECULARITE VEINLETS + WELL SILICIFIED MOTTLED BLACK WALLROCK (WITH 1% PYRITE).	3136	1375	1377.8	2.8"	0.016
		1377.8"- 1380.8" BLACK SILICIFICATION. 10% CARBONATE. 10% SPECULARITE VEINLETS. FOLIATION 30° TO C/A. 1% FINE- TO MEDIUM-GRAINED PYRITE.	3135	1377.8"	1380.8"	3	TR
		1380.8"- 1382 CHLORITE ENRICHED 80%, 10% CARBONATE, <2% SERICITE VEINLETS, <½% SULPHIDES + OXIDES.	3134	1380.8"	1382	1.4"	TR
		1382- 1384.6" BLACK CHLORITE + SPECULARITE ENRICHED SECTION. 10% SERICITE VEINLETS, 10% CARBONATE. <1% MEDIUM-GRAINED PYRITE.	3133	1382	1384.6"	2.6"	0.008
		1384.6"- 1387 20% CHLORITE + FELDSPATHIC MATERIAL. 10% SPECULARITE VEINLETS. <½% SULPHIDES.	3132	1384.6"	1387	2.6"	0.004
		1387- 1389.6" 40% SILICIFIED. 40% CARBONATE. <3% SERICITE-CHLORITE VEINLETS <1% FINE- TO MEDIUM-GRAINED DISSEMINATED PYRITE (CA 30° C/A)	3131	1387	1389.6"	2.6"	0.046

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: BROOKBANK - WEST

Hole No: B26W2

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assay Au oz/ton
		B26W2					
390	1395	FAULT					
395	1420	POLYMICTIC METACONGLOMERATE. DEFORMED WITH AN OCCASSIONAL CLAST SUPPORTED BY ANOTHER CLAST. GENERALLY, IT IS MATRIX SUPPORTED, A DISORGANIZED BED IN THE BASAL SECTION OF THE DEBRIS FLOW. MATRIX IS GRANULAR IN APPEARANCE WITH FLATTENED FELDSPATHIC, QTZ, JASPER AND MAFIC CLASTS (PEBBLES-COBBLES) DISPERSED THROUGHOUT.					
EOH							

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: Brookbank West

Hole No. B-26W-2A

Latitude: 8+00S | Departure 26+00W | Elevation: 999' | Length: 301' | Core Size NQ-1 7/8" | Claim No. | Started March 6, 1986

Azimuth: | Dip:

Tropari/Dip Tests:						
	345° -	-66½°	2 tests taken at 1436'			
	353° -	-64°				

Completed:

Logged by: Barbara Kowalski BK

Drilled by: Morissette

Purpose: to intersect deformed and altered zone -- wedge--

B-26W-2A

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
1135	1306.3'	DIORITE Very fine-grained and homogeneous. 5% quartz-carbonate veinlets. 3' sections are brecciated and altered with potassium feldspars, hematite, carbonate and silica. Generally, 2-3% fine- to coarse- grained disseminated pyrite with minor chalcopyrite.					
1306.3	1342	MAFIC VOLCANIC Well foliated (20° to core axis), with well mineralized chlorite and carbonate veinlets (1-2%) fine- to medium- grained disseminated and veinlets of pyrite.					
1342	1417.6'	DEFORMED AND ALTERED MAFIC VOLCANICS (no deformed and altered sediments) Brecciated and carbonated throughout. Ca-carbonate predominates over Fe-carbonate and silica, (20% silicified). Specularite veinlets throughout. 5% fine- to medium- grained pyrite cross-cutting carbonate veinlets.					
		1342-1345.6' Well foliated 20° to core axis. 20% carbonate and less than 10% silica. Cross fractures of quartz throughout. 1% fine- to medium- grained pyrite along principal foliation.					
		1345.6-1347.6 Very well foliated with pink alteration throughout. 2-3% fine-grained pyrite associated with chloritic veinlets.					
		1347.6'-1350.6' Well foliated with boudinaged quartz veinlets following foliation. 30% hematite throughout, less than 1% sericite veinlets. 2% fine-grained pyrite and 1% coarse-grained					

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: Brookbank West

Hole No: B-26W-2A

Footage From	Footage To	Description B-26W-2A	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		1350.6"-1352.6"Bright hematite and Fe-carbonate;30% silicified. 2% coarse- and 1% fine-grained pyrite along chloritic-sericitic veinlets.					
		1352.6"-1354.6"Less hematite than above section with an increase of specularite and chlorite veinlets.20-25% silicified. Foliation 20° to core axis. 1% fine- to coarse- grained disseminated pyrite.					
		1354.6"-1356.6"Increase in hematite to 30%;30-40% silicification;3% fine-grained disseminated pyrite.					
		1356.6"-1359.6"Kink folds with cross-cutting quartz-carbonate and specularite veinlets.40% sericite-chlorite;10% carbonate;15-20% silicification; 2% fine- and 1% coarse- grained pyrite associated with sericite-chlorite veinlets.					
		1359.6"-1361.6" as 1356.6"-1359.6"					
		1361.6-1363 Bright red brecciated fragments with 30% silicification. Less than 1% fine-grained disseminated pyrite in carbonate (primarily)					
		1363-1371 as 1361.6"-1363 weakly mineralized					
		1371-1373 Well foliated 20° to core axis. Sericite and hematite,30% silica 1% fine-grained pyrite in isolated sections.					
		1373-1376 30-45% silicification;30% hematite and carbonate; 5% very fine-grained disseminated pyrite and 5% coarse-grained pyrite.					
		1376-1377.6" as 1373-1376 less than 1% pyrite.					

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: Brookbank West

Hole No: B-26W-2A

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		B-26W-2A					
		1377.6"-1379.6" Brecciation increases in volcanic within narrow sections. 30% silicification and 2% fine-grained disseminated pyrite.					
		1379.6"-1381.6 1% massive veinlets of pyrite, 1-2% finely disseminated pyrite.					
		1381.6"-1383.6" Less than 1% veinlets and disseminations of pyrite.					
		1383.6"-1386.6" Sericite, carbonate and 20% silcification. Less than 1% fine-grained pyrite associated with brecciation and sericite-chlorite veinlets.					
		1386.6"-1389.6" as 1383.6"-1386.6" but weakly brecciated.					
		1389.6"-1392.6" as 1383.6"-1386.6" but weakly brecciated.					
		1392.6"-1395.6" 60% sericite, chlorite and silicification.Strong foliation 14° to core axis,weakly brecciated.Less than 1% ultra fine-grained pyrite associated with sericite,chlorite veinlets.					
		1395.6"-1397.6" 20% specularite; less than 1% pyrite.					
		1397.6"-1399.6" Less than 5% specularite, 30% sericite and silicification, cross-cutting quartz-carbonate veinlets.2% fine-grained pyrite 1% coarse-grained pyrite.					
		1399.6"-1401.6" 40% specularite and less than 1% pyrite.					
		1401.6"-1403.6" 10% speculariteveinlets, 2% fine-grained pyrit e 3% coarse-grained pyrite associated with sericite-chlorite veinlets.					

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: Brookbank West

Hole No: B-26W-2A

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		B-26W-2A					
		1403.6"-1405.6" Plagioclase feldspars throughout. 15% specularite and less than 1% pyrite.					
		1405.6"-1406.6" Predominated with cream coloured feldspars.No sulphides.					
		1406.6"-1408.6" Well foliated with veinlets of sericite and chlorite.Isolated narrow sections of 1% fine-grained pyrite and 1% coarse-grained pyrite.					
		1408.6"-1411.6" 2-5% specularite, less than 1% fine-grained prytie associated with 4% sericite veinlets.					
		1411.6"-1413.6" Well foliated and brecciated volcanic.Cream-coloured feldspars throughout. Brecciated quartz-carbonate fragments.No sulphides					
		1413.6"-1415.6" 6" quartz-carbonate vein.It is pinkish white, with a 5" section of grey silicification. Less than 1% sulphides.					
		1415.6"-1417.6" Well foliated and brecciated volcanic.					
1417.6	1418.4	10" Black FAULT gouge which has been subsequently silicified.					
1418.4	1436	POLYMICTIC METACONGLOMERATE					
		Clasts range in size(pebble to cobble) and composition (granitic,feldspathic, quartz,jasper and mafic). Matrix is medium-green in colour and has numerous carbonate veinlets. No sulphides.					

FOXEAR GRID - OMEP 1985.
1 copy logs filed for assessment work.

			SIZE	START	END
1.	85-F24SE-2	✓461'	NQ	Oct 23/85	Oct 25/85
2.	85-F24SE-3	✓205'	NQ	Oct 25	Oct 28
3.	85-F26SE-5	✓416'	NQ	Oct 10	Oct 16
4.	85-F28SE-4	✓352'	NQ	Oct 28	Oct 31
5.	85-F44SE-1	✓228'	NQ	Nov 3	Nov 4
6.	85-F44SE-2	~~367'~~ 366'	NQ	Nov 4	Nov 8
7.	85-F46SE-1	✓310'	NQ	Oct 17	Oct 19
8.	85-F46SE-2	✓380'	NQ	Oct 19	Oct 22
9.	85-F48SE-1	✓212'	NQ	Oct 31	Nov 2
10.	85-F48SE-2	✓382'	NQ	Nov 12	Nov 15
11.	85-F54SE-1	✓267'	NQ	Nov 9	Nov 11
	TOTAL FOOTAGE	3580' 3579'			

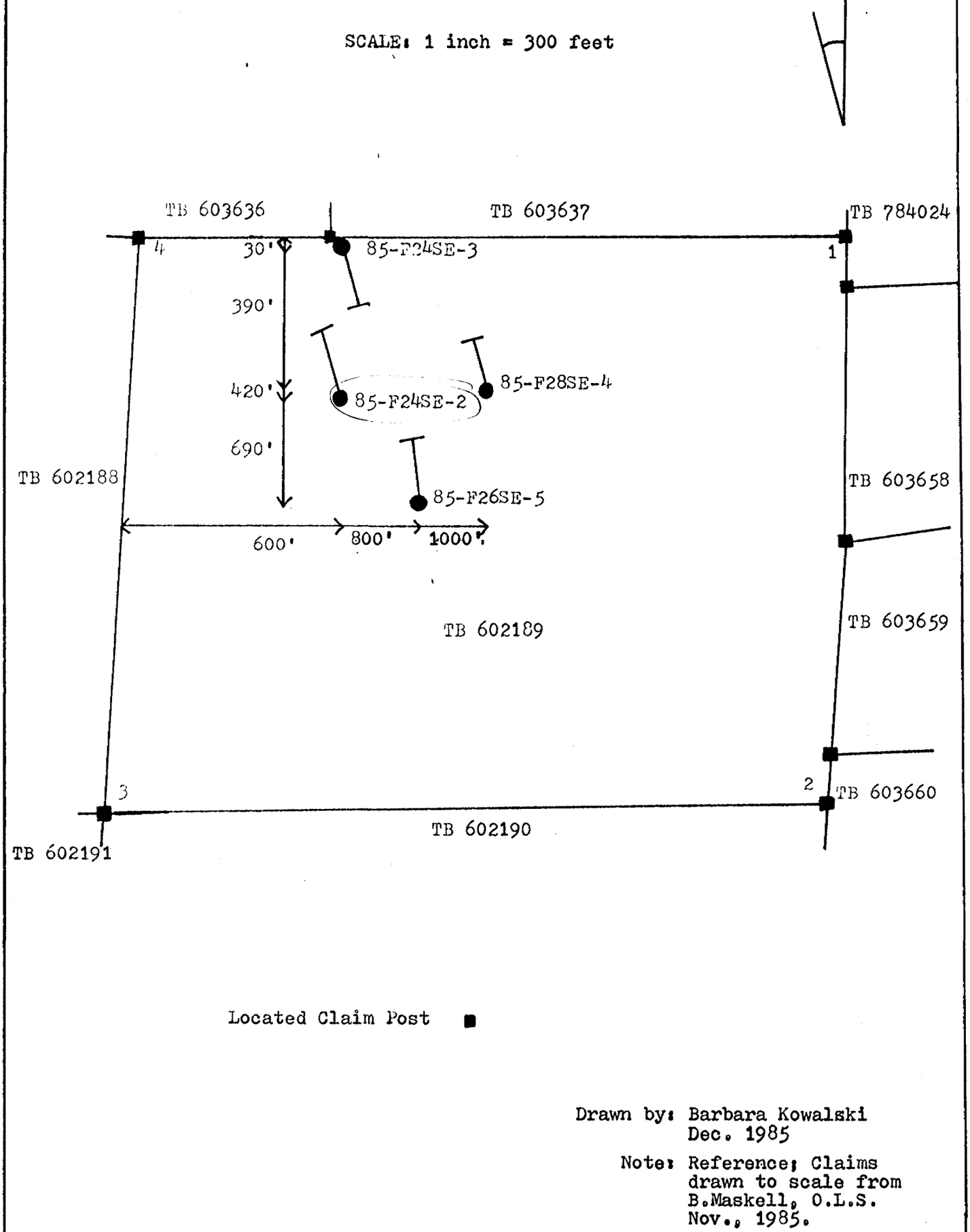
METALORE RESOURCES LIMITED

Location Map of DDH's: 85-F24SE-2 & 3, 85-F26SE-5, 85-F28SE-4

Irwin Township, Ontario

Claim Number TB 602189

SCALE: 1 inch = 300 feet



Located Claim Post ■

Drawn by: Barbara Kowalski
Dec. 1985

Note: Reference; Claims drawn to scale from B.Maskell, O.L.S. Nov., 1985.

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: FOXEAR SOUTHEAST GRID

Hole No. 85-F24SE-2

Latitude: 23 +50S Departure 24+00E Elevation: 1020' Length: 461' Core Size NQ-1 7/8" Claim No. TB 602189 Started OCT. 23, 1985

Azimuth: 344° Dip: -67°

Tropari/Dip Tests:	461'-60°						

Completed: OCT. 25, 1985.

Logged by: BARBARA KOWALSKI BK

Drilled by: MORISSETTE

Purpose: TO TEST MAGNETICS + VOLCANIC-SEDIMENT CONTACT. DOWN DIP

Hole 85-F24SE-2

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
0.0	8.0	CASING.					
8.0	273	MAFIC VOLCANIC. HOMOGENEOUS F.G. VOLCANIC. IT IS HOMOGENEOUS MEDIUM-GREEN IN COLOUR WITH < 1% QTZ-CARB FRACTURING THROUGHOUT. THE OCCASSIONAL QTZ-CARB STRINGER-VEINLETS HAS <1% F.G.-M.G. Py. (HOWEVER THESE SECTIONS ARE ISOLATED AND <6"). WEAKLY MAGNETIC.					
		213.6"-~227 9" WHITE QTZ VEIN 217.7"-218.6" WITH 10% SILICIFICATION AND VEINLETS OF SER-CHL THROUGHOUT. 2-3% F.G. DISSEM. + VEINLETS OF Py + <<1/2% Cpy. WALLROCK CAN BE BEST DESCRIBED AS A QTZ-CARB-HEMATITE BX. IT IS HARD AND BLACK IN COLOUR WITH HEMATITE FRAGMENTS AND WHITE QTZ VEINLETS THROUGHOUT. WALLROCK IS MINERALIZED NEXT TO QTZ VEIN (<1% F.G.-M.G. DISSEM. Py).	2041	216.6"	218.9"	2.3"	0.133
273	309	DIORITE GRADATIONAL CONTACT TO DIORITE (M.G.). IT IS HOMOGENEOUS IN COLOUR WITH ISOLATED FAINT HEMATITE STAIN. IT IS WEAKLY FRACTURED WITH QTZ-CARB VEINLETS. PLAGIOCLASE FELDSPAR CRYSTAL OCCUR DOWNHOLE.					
		MAFIC VOLCANIC. 309.4-310" CONTACT IS MARKED BY A CARBONATE WITH 2% F.G. Py THROUGHOUT. THIS VOLCANIC IS MEDIUM-GREEN WITH FLATTENED PILLOW	2043	309.4"	310	8"	0.012

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: FOXEAR SOUTHEAST GRID

Hole No: 85-F24SE-2

Footage From	Footage To	Description (85-F24SE-2)
		SELVAGES THROUGHOUT. 2% WHITE QTZ-CARB VEINLETS + <2% SERICITE OCCURS IN ISOLATED SECTIONS.
		420 - 2" SILICIFIED SMOKY SECTION. <1% F.G. DISSEMINATED Py COULD BE SPLIT.
445.6"	461	POLYMICTIC META CONGLOMERATE. GRADATIONAL CONTACT WITH AN INCREASE TO 40% QTZ-CARB VEINLETS AND THE APPEARANCE AND INCREASE OF SERICITE DOWNHOLE. QTZ, FELDSPATHIC, MAFIC, JASPER PEBBLES THROUGHOUT. NO SULPHIDES.
EOH		

Sample No.	Footage From	Footage To	Length	Assays Au oz/ton

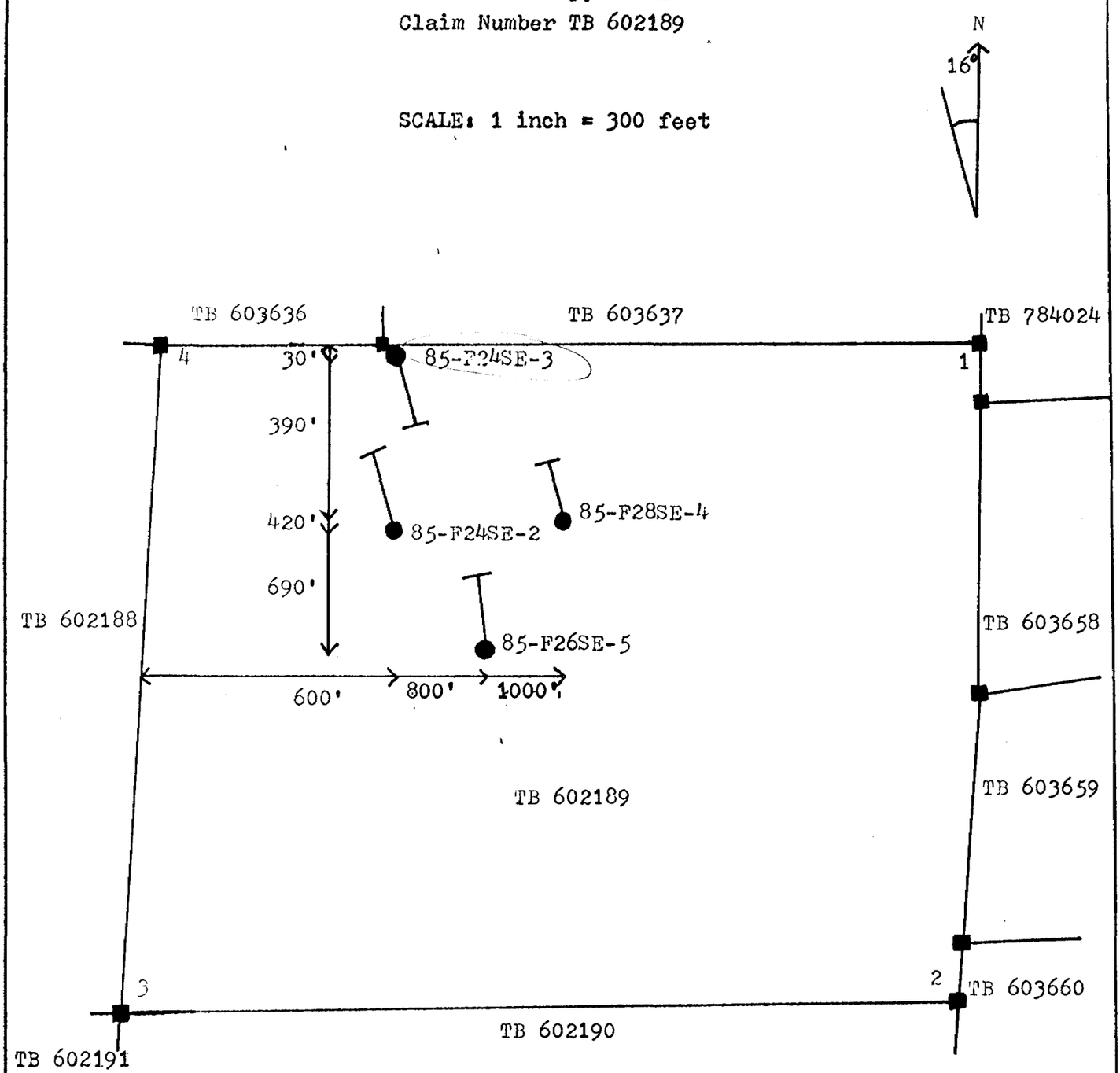
METALORE RESOURCES LIMITED

Location Map of DDH's: 85-F24SE-2 & 3, 85-F26SE-5, 85-F28SE-4

Irwin Township, Ontario

Claim Number TB 602189

SCALE: 1 inch = 300 feet



Located Claim Post ■

Drawn by: Barbara Kowalski
Dec. 1985

Note: Reference; Claims drawn to scale from B.Maskell, O.L.S. Nov., 1985.

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: FOXEAR SOUTHEAST GRID. Hole No. 85-F24SE-3

Latitude: 19+50S Departure 24+00E Elevation: 1005' Length: 205' Core Size NQ-1 7/8" Claim No. TB 602189 Started OCT. 25, 1985

Azimuth: 164° Tropari/Dip Tests: 205'/-40° Completed: OCT. 28, 1985

Dip: -42° Logged by: BARB KOWALSKI BK

Purpose: TO TEST ULF CONDUCTOR + VOLCANIC-SEDIMENT CONTACT. Drilled by: MORISSETTE

Hole: 85-F24SE-3

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
0.0	6.0	CASING					NO SAMPLES TAKEN
6.0	148.0	PEBBLY SANDSTONE. IT IS HOMOGENEOUS WITH 10-80% SERICITE DOWNHOLE. NO SULPHIDES. JASPER PEBBLES THROUGHOUT. 117-117.6' FAULT. WITH <1/2% GRAPHITE.					
148	200	POLYMICTIC META CONGLOMERATE. IT IS DARK GREEN WITH A WELL FOLIATED 40° C/A MATRIX. SERICITE + CHLORITE + QTZ-CARB MAKE UP THE MATRIX. PEBBLES AND COBBLES VARY IN COMPOSITION FROM JASPER, MAFIC, QTZ TO FELDSPATHIC COMPOSITIONS.					
200	205	MAFIC VOLCANIC. GRADATIONAL CONTACT TO A HOMOGENEOUS WELL FRACTURED VOLCANIC. 10-30% QTZ-CARB VEINLETS THROUGHOUT (30° TO C/A). NO VISIBLE SULPHIDES.					
EOH							

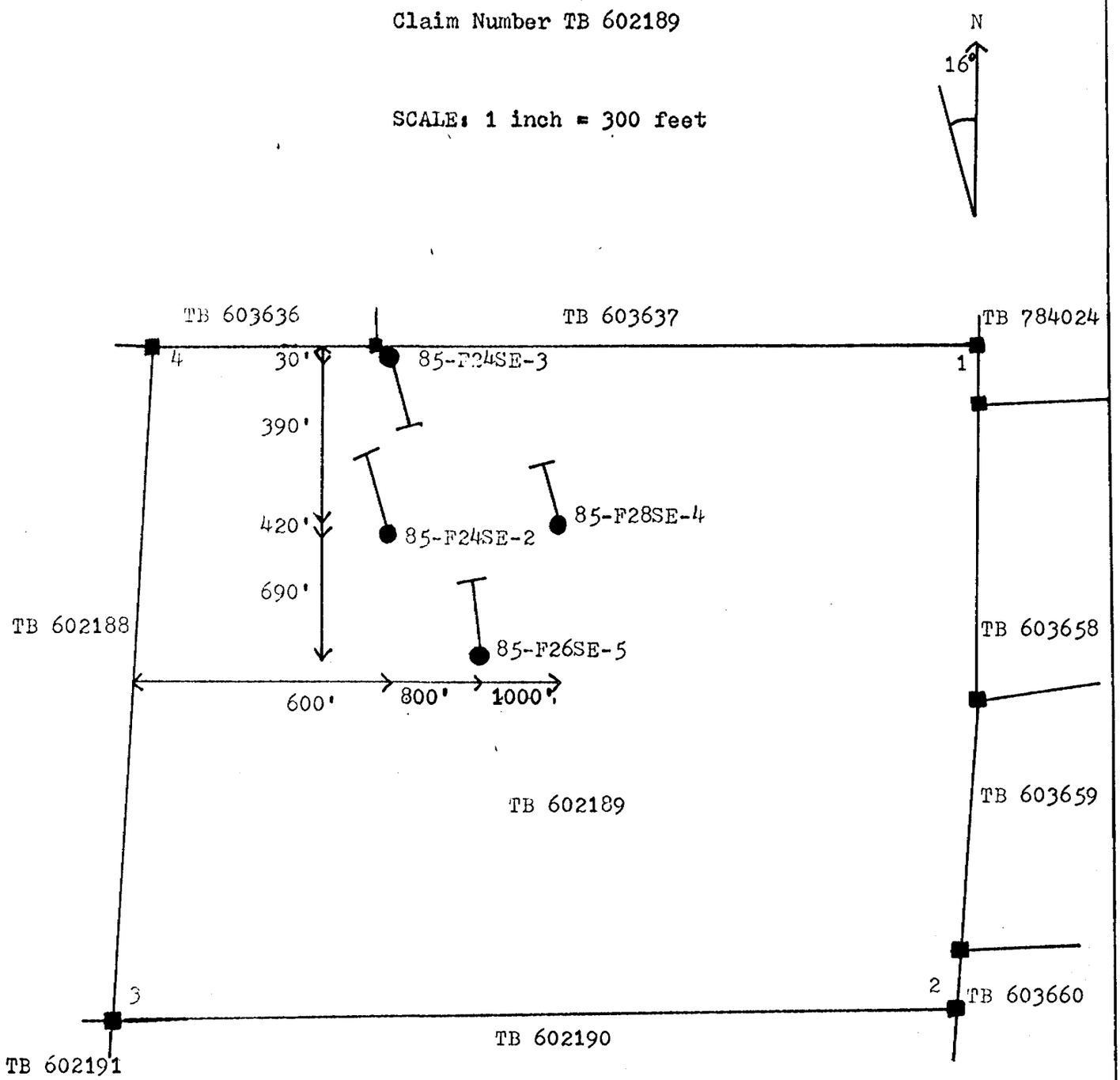
METALORE RESOURCES LIMITED

Location Map of DDH's: 85-F24SE-2 & 3, 85-F26SE-5, 85-F28SE-4

Irwin Township, Ontario

Claim Number TB 602189

SCALE: 1 inch = 300 feet



Located Claim Post ■

Drawn by: Barbara Kowalski
Dec. 1985

Note: Reference; Claims drawn to scale from B.Maskell, O.L.S. Nov., 1985.

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: FOXEAR SOUTHEAST GRID. Hole No. 85-F24SE-3

Latitude: 19+50S Departure 24+00E Elevation: 1005' Length: 205' Core Size NQ - 17/8" Claim No. TB 602189 Started OCT. 25, 1985

Azimuth: 164° Dip: -42° Tropari/Dip Tests: 205'/-40°

Completed: OCT. 28, 1985

Logged by: BARB KOWALSKI BK

Drilled by: MORISSETTE

Purpose: TO TEST ULF CONDUCTOR + VOLCANIC-SEDIMENT CONTACT.

Hole : 85-F24SE-3

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
0.0	6.0	CASING					NO SAMPLES TAKEN
6.0	148.0	PEBBLY SANDSTONE. IT IS HOMOGENEOUS WITH 10-80% SERICITE DOWNHOLE. NO SULPHIDES. JASPER PEBBLES THROUGHOUT. 117-117.6' FAULT. WITH <1/2% GRAPHITE.					
148	200	POLYMICTIC META CONGLOMERATE. IT IS DARK GREEN WITH A WELL FOLIATED 40° C/A MATRIX. SERICITE + CHLORITE + QTZ-CARB MAKE UP THE MATRIX. PEBBLES AND COBBLES VARY IN COMPOSITION FROM JASPER, MAFIC, QTZ TO FELDSPATHIC COMPOSITIONS.					
200	205	MAFIC VOLCANIC. GRADATIONAL CONTACT TO A HOMOGENEOUS WELL FRACTURED VOLCANIC. 10-30% QTZ-CARB VEINLETS THROUGHOUT (30° TO C/A). NO VISIBLE SULPHIDES.					
EOH							

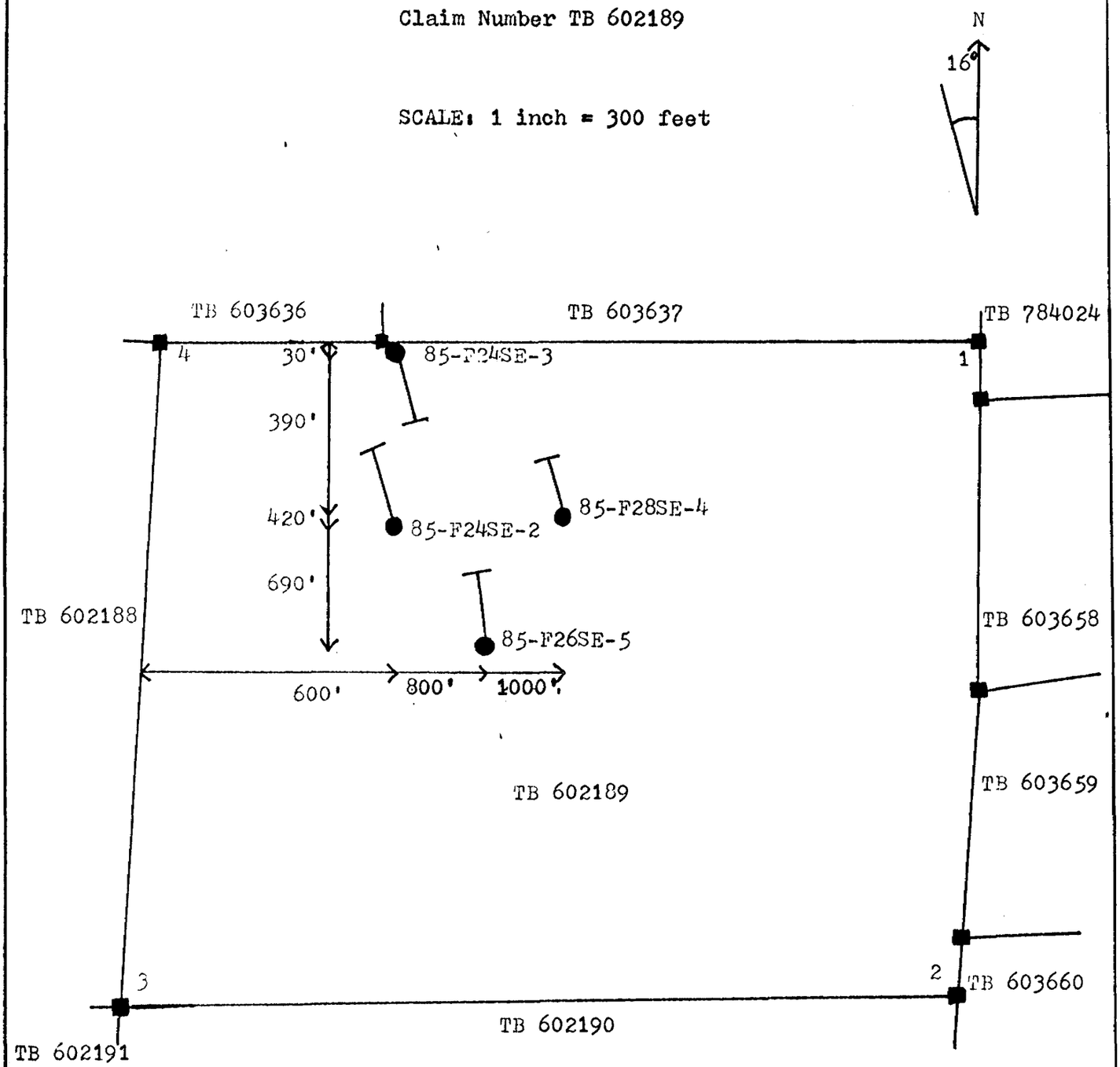
METALORE RESOURCES LIMITED

Location Map of DDH's: 85-F24SE-2 & 3, 85-F26SE-5, 85-F28SE-4

Irwin Township, Ontario

Claim Number TB 602189

SCALE: 1 inch = 300 feet



Located Claim Post ■

Drawn by: Barbara Kowalski
Dec. 1985

Note: Reference; Claims drawn to scale from B.Maskell, O.L.S. Nov., 1985.

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: Foxear - SOUTHEAST GRID. Hole No. 85-F26SE-5

Latitude: 24+00S Departure 26+00E Elevation: 1021' Length: 416' Core Size NQ - 17/8" Claim No. TB602189 Started OCT. 10, 1985

Azimuth: 353° Dip: -67° Tropari/Dip Tests: 416' -60° Cap. Correc.

Completed: OCT. 16, 1985.

Logged by: BARBARA KOWALSKI BK

Drilled by: NORISSETTE

Purpose: TO TEST CONTACT BETWEEN VOLCANICS AND SEDIMENTS.

Hole: 85-F26SE-5

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
0.0	8.0	CASING					
8.0	110.0	MAFIC VOLCANIC HOMOGENEOUS, FINE-GRAINED MASSIVE WITH 2% WHITE QTZ-CARB VEINLETS THROUGHOUT. LESS THAN 1/2% LOCAL Py. 3% EPIDOTE DOWNHOLE. PILLOW SELVAGES THROUGHOUT.					
		36.10" - 38.4" QTZ-CARB VEIN WITH 10% SILICIFICATION (GREY) CHLORITIC VEINLETS THROUGHOUT. 10% EPIDOTE BLEBS AND HEMATITE FRAGMENTS (2%) ARE THE PRIMARY CONSITUENTS OF THE WALLROCK. 3% F.G. DISSEMINATED AND VEINLETS OF Py. FOLIATION 30° TO C/A.	2009	36.10'	38.4'	1.6"	0.005
		~66' DOWNHOLE ^ PILLOW SELVAGES + BX MATERIAL. WEAK-MOD. MAGNETIC. 66.8" - 67.8" WELL FOLIATED VOLCANIC WITH <1% QTZ-CARB AND 2% MEDIUM-GRAINED DISSEMINATED Py. (NO PRONOUNCED DEFORMATION OR ALTERATION FOR A SAMPLE).					
110.0	125.0	DIORITE. HOMOGENEOUS MEDIUM-GRAINED DIORITE WITH 2% - 4% QTZ-CARB VEINLETS, 3% EPIDOTE VEINLETS THROUGHOUT. CONTACT WITH MAFIC VOLCANICS IS GRADATIONAL.					
125.0	146.0	MAFIC VOLCANIC AS DESCRIBED AT 8.0-110.0					
146.0	151.0	DIORITE. VERY COARSE-GRAINED AND HOMOGENEOUS.					

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: FOXEAR - SOUTHEAST GRID

Hole No: 85-F26SE-5

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton	
151.0	405.4"	MAFIC VOLCANIC AS DESCRIBED AT 8.0-110.0.						
		248.6" - DOWNHOLE DEFORMED AND ALTERED VOLCANIC. A PRONOUNCED FOLIATION 40 °C/A DEVELOPS ACCOMPANIED WITH AN INCREASE IN WHITE QTZ-CARB VEINLETS (OCCASSIONALLY FAINTLY PINK).						
		249.6" - 251.6" A 7" QTZ + SILICIFIED (PALE GREY) SECTION. WALLROCK IS 20% CARB AND <1% SILICIFIED WITH <3% F.G. TO M.G. DISSEMINATED Py. QTZ + SILICIFIED SECTION 1% F.G. TO M.G. " Py CONCENTRATED IN CHLORITIC VEINLETS.	2007	249.6"	251.6"	2.0	0.08	0.12
		INTERMITTENT <1' MINERALIZED CARB SECTIONS DOWNHOLE.						
		263-266.6" AS WALLROCK DESCRIBED 249.6"-251.6"	2011	263	266.6"	3.6"	0.01	
		267.6"-269 AS WALLROCK DESCRIBED 249.6"-251.6"	2013	267.6"	269	1.6"	0.01	
		278 - 280.3" AS 249.6"-251.6" (WALLROCK).	2001	278	280.3"	2.3"	TR	
		280.3"-282.6" WELL CARBONATED; <1% SILICIFIED VOLCANIC. 1% F.G. DISSEMINATED Py.	2002	280.3"	282.6"	2.3"	TR	
		282.6"-285.6" VERY WELL CARBONATED 70%; <2% SILICIFIED VOLCANIC. 2% F.G. DISSEMINATED Py.	2003	282.6"	285.6"	3.0	TR	
		285.6"-288.6" AS 280.3"-282.6"	2004	285.6"	288.6"	3.0	TR	
		288.6"-291.9" VERY WELL CARBONATED 55%; 10-30% SILICIFIED (SMOKY)	2005	288.6"	291.9"	3.3"	0.016	

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: FOXEAR - SOUTHEAST GRID

Hole No: 85-F26SE-5

Footage From	Footage To	Description (85-F26SE-5)	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		3% F.G. DISSEMINATED + VEINLETS OF Py.					
		291.9" - 293.7" AS WALLROCK DESCRIBED AT 249.6" - 251.6"	2006	291.9"	293.7"	1.10"	TR
		309 - 312 80% CARBONATE; 10% CHLORITE; <1% SILIC; 3% Py DISSEMINATED + VEINLETS (F.G. TO M.G.).	2015	309	312	3.0	0.01
		312 - 35 80% CARBONATE; 10% CHLORITE; <2% SILIC; 5% Py F.G. TO M.G. DISSEMINATED + VEINLETS.	2017	312	315	3.0	0.02
		315 - 317 70% CARBONATE; <5% SILICIFIED; 3% F.G. TO M.G. Py DISSEMINATED + VEINLETS.	2019	315	317	2.0	0.09
		317 - 319.6" 80% CARBONATE; <3% SILICIFIED; 5% F.G. TO M.G. Py DISSEMINATED + VEINLETS.	2021	317	319.6"	2.6"	0.02
		323.8" - 326.4" 80% CARBONATE; <5% QTZ (WHITE); 3% F.G. TO M.G. Py DISSEMINATED + VEINLETS.	2023	323.8"	326.4"	2.8"	0.005
		355 - 356 60% CARBONATE; <½% SILIC.; 2% Py. FOLIATION 30° C/A.					
		394.8" - 396.8" 10-40% SMOKY SILICIFICATION. IT IS MODERATELY BRECCIATED AND FOLIATED, 50° TO C/A. 10% CARBONATE, <1% SERICITE; <<2% U.F.G. DISSEMINATED AND VEINLETS OF Py.	2008	394.8"	396.8"	2.0	0.10
		396.8" - 398.8" WELL FOLIATED MAFIC VOLCANIC WITH 20-40% CARBONATE; <3% SILICIFICATION; <2% U.F.G. DISSEMINATED + VEINLETS OF Py.	2010	396.8"	398.8"	2.0	0.03

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: FOXEAR- SOUTHEAST GRID

Hole No: 85-F26SE-5

Footage From	Footage To	Description 85-F26SE-5	Sample No.	Footage From	Footage To	Length	Assays Au oz/tor.
		398.8" - 401.4" 40% CARBONATE; 5% SMOKY SILICIFICATION; <2% SERICITE; 2-3% F.G. DISSEMINATED + VEINLETS OF Py.	2012	398.8"	401.4"	2.8"	0.04
		401.4" - 403.10" AS 398.8" - 401.4"	2014	401.4"	403.10"	1.6"	0.02
		403.10" - 405.4" 45% PALE GREY SILICIFICATION; 4% SERICITE; 30% CARBONATE; <2% U.F.G. DISSEMINATED Py. AT 405.4" AN 1/8" FAULT OCCURS.	2016	403.10"	405.4"	1.6"	0.02
405.4"	416	SHARP CONTACT TO AN ALTERED POLYMICTIC METACONGLOMERATE. IT IS VERY WELL FOLIATED 30° C/A WITH BRIGHT YELLOW SERICITE AND QTZ-CARB BEING THE MAJOR MINERALS IN THE MATRIX (SCHIST). PEBBLES AND COBBLES RANGE IN COMPOSITION → QTZ, FELDSPATHIC, JASPER AND MAFIC. AT APPROX 411' 1/4" - 1/2" FAULT OCCURS AND FOLLOWS THE DEFORMATION. <1/4% GREEN MICA NOTED. NO VISIBLE SULPHIDES.					
EOH							

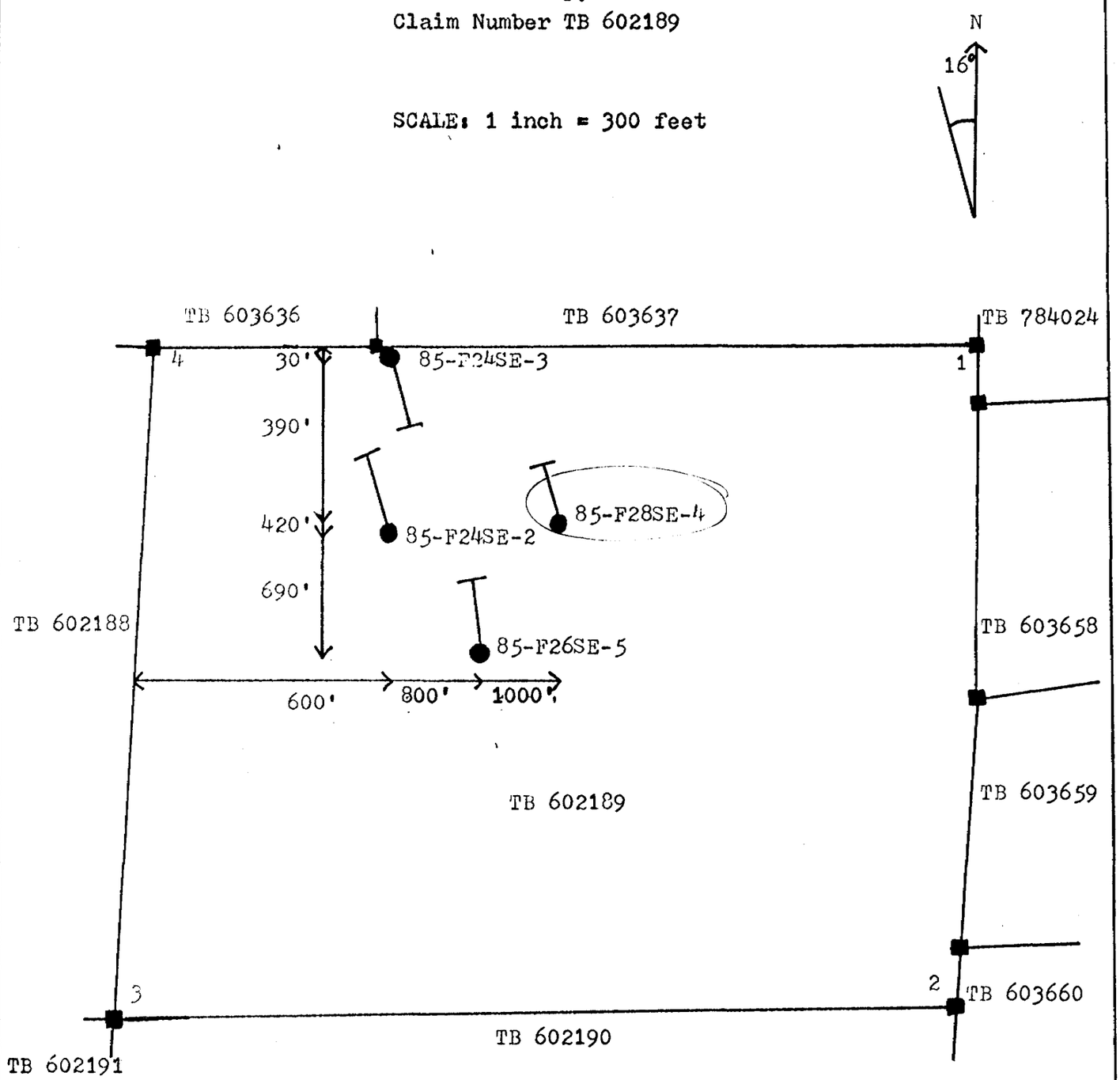
METALORE RESOURCES LIMITED

Location Map of DDH's: 85-F24SE-2 & 3, 85-F26SE-5, 85-F28SE-4

Irwin Township, Ontario

Claim Number TB 602189

SCALE: 1 inch = 300 feet



Located Claim Post ■

Drawn by: Barbara Kowalski
Dec. 1985

Note: Reference; Claims drawn to scale from B.Maskell, O.L.S. Nov., 1985.

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: FOXEAR SOUTHEAST GRID — Hole No. 85-F28SE-4

Latitude: 24+10S — Departure 28+00E — Elevation: 1050' — Length: 352' — Core Size NQ-1 7/8" — Claim No. TB 602189 — Started OCT. 28, 1985

Azimuth: 344° — Dip: -67°

Tropari/Dip Tests:	352'/-61°						
Cap. Corr.							

Completed: OCT 31, 1985.

Logged by: BARBARA KOWAL

Drilled by: MORISSETTE

Purpose: TO TEST SEDIMENT-VOLCANIC CONTACT DOWNDIP AT DEPTH

Hole: 85-F 28SE-4

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
0.0	6.0	CASING.					
6.0	261.0	DIORITE. VERY COARSE-GRAINED, HOMOGENEOUS DARK GREEN DIORITE. AT ~25' DOWNHOLE DIORITE BECOMES FINER GRAINED WITH MAGNETITE CRYSTALS (STRONGLY MAGNETIC) IN ISOLATED SECTIONS. LESS THAN 1% QTZ-CARB (WHITE) VEINLETS THROUGHOUT WITH THE OCCASIONAL PINK VEINLET. HEMATITE OCCURS ALONG SLIPPAGE PLANES (<<¼%) AND <<¼% EPIDOTE OCCURS IN ISOLATED SECTIONS. THE OCCASSIONAL QTZ-CARB STRINGER IS MINERALIZED, HOWEVER, NO OTHER VISIBLE SULPHIDES ARE NOTED. FOLIATION 30 °C/A.					
261.0	343.6"	MAFIC VOLCANIC. GRADATIONAL CONTACT TO A WELL FOLIATED 30 °C/A 3-4% PINKISH-WHITE QTZ CARB VEINLETS THROUGHOUT THIS VOLCANIC.					
		265.6"-279.10" SILICIFIED SECTION.					
		265.6"-267.6" 3" WHITE QTZ-CARB VEIN, 10% GREY SILICIFICATION. 40% CARBONATE, <½% SERICITE IN A WELL FOLIATED (30°C/A) GREEN ROCK. 1% F.G.-C.G. Py.	2037	265.6"	267.6"	2.0	0.038
		267.6"-268.4" 2" WHITE QTZ VEIN, 40% BLUE-GREY SILICIFICATION, 10% CARB, 2% F.G.-C.G. Py.	2040	267.6"	268.4"	8"	1.240
		268.4"-270.3" BLACK HARD (SILIC.), 2% PINK-WHITE QTZ-CARB, <½% Py.	2039	268.4"	270.3"	1.9"	TR

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: FOXEAR SOUTHEAST GRID

Hole No: 85-F28SE-4

85-F28SE-4

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton	
		270.3"-271.4" SILIC. BLUE-BLK ROCK; 20% GREY SILIC., 10% WHITE-PINK CARB; 2% F.G. Py.	2042	270.3"	271.4"	1.1"	0.018	
		271.4"-273 1½+4" WHITE QTZ VEIN, 80% GREY SILIC. 2% M.G. Py VEINLETS	2038	271.4"	273	2.8"	0.584	
		273-274.10" 40% PINK-BROWN CARB; 80% GREY SILIC.; 2% F.G.-M.G. Py.	2046	273	274.10"	1.10"	0.086	0.245 oz/t 15'
		274.10"-277.10" 40% CARB, 4" QTZ VEIN, 2% M.G. Py; WELL FOLIATED.	2045	274.10"	277.10"	3.0	0.058	
		277.10"-279.10" WALLROCK TO 4" QTZ VEIN, 50% GREY SILICIF. 1% F.G. Py < ½% cPy.	2048	277.10"	279.10"	2.0	0.338	
279.10"	343.6"	VOLCANIC BECOMES INTENSELY FRACTURED WITH QTZ-CARB VEINLETS DOWNHOLE TO THE CONTACT, INFERRING FAULTING MAY EXIST. FLATTENED PILLOW SELVAGES THROUGHOUT, AND ~303 S-FOLDS OCCUR. NO VISIBLE SULPHIDES. AT ~321 SER+CHL VEINLETS OCCURS AND INCREASE DOWNHOLE. ALTERED VOLCANIC. AT 331-336.6" ABRUPT CONTACT TO A QTZ-CHL-SER-CARB SCHIST.						
		335.6"-336.6" QTZ-CHL-SER-CARB SCHIST WITH < ½% SILICIFICATION AND 1% FINE- TO MEDIUM-GRAINED DISSEMINATED Py.	2047	335.6"	336.6"	1.0	TR	
		336.6"-336.9" QTZ VEIN WHITE WITH AN 1/8" FAULT.						
		336.9"-343.6" QTZ-CARB-HEMATITE+SERICITE BRECCIA. <1% GREEN MICA NO VISIBLE SULPHIDES						
3436'	352	ALTERED POLYMICTIC METACONGLOMERATE. THE CONTACT IS MARKED BY A 3" QTZ VEIN WITH 1/8" FAULTS THROUGHOUT. THE CONGLOMERATE IS SHEARED WITH A PLETHORA (YELLOW, ORANGE, PURPLE, LAVENDAR, LIME) COLOURS THROUGHOUT. JASPER PEBBLES < ¼" DISPERSED THROUGHOUT. NO SULPHIDES.						
EOH		350-351.6" FAULT. WHITE QTZ WITH FAULT.						

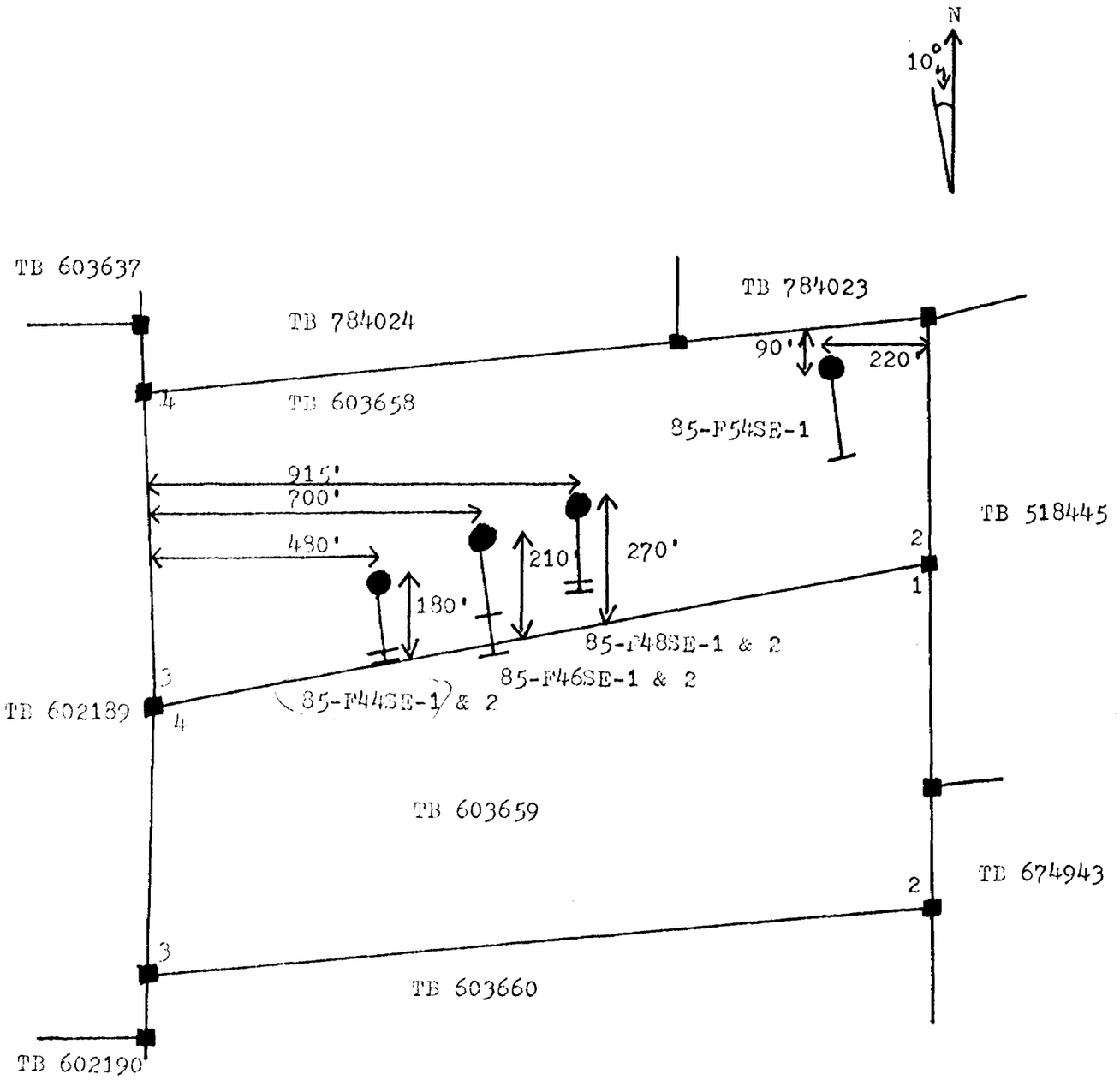
METALORE RESOURCES LIMITED

Location Map of DDH's: 85-F44SE-1 & 2, 85-F46SE-1 & 2,
85-F48SE-1 & 2, 85-F54SE-1

Irwin Township, Ontario

Claim Number TB 603658

SCALE: 1 inch = 300 feet



Located Claim Post ■

Drawn by: Barbara Kowalski
Dec. 1985

Note: Reference; Claims drawn to scale from B. Maskell, O.L.S. Nov., 1985.

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: FOXEAR SOUTHEAST GRID — Hole No. 85-F44SE-1

Latitude: 20+75S — Departure 44+00E — Elevation: 1010' — Length: 228' — Core Size NQ-1 7/8" — Claim No. TB 603658 — Started Nov. 3, 1985

Azimuth: 172° — Dip: -42° — Completed: NOV. 4, 1985

Tropari/Dip Tests:	—						

Logged by: BARBARA KOWALSKI BK

Drilled by: MORISSETTE

Purpose: TO TEST ① VLF COND ② VOLCANIC-SEDIMENT CONTACT

Hole: 85-#F44SE-1

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
0.0	8.0	CASING					
8.0	30.0	POLYMICTIC METACONGLOMERATE MATRIX IS WELL FOLIATED 35°C/A WITH HEMATITE + SERICITE + Fe- & Ca- CARBONATE VEINLETS DEFINING THE FOLIATION. MATRIX IS A HOMOGENEOUS GREEN WITH PEBBLES & COBBLES RANGING IN COMPOSITION (QTZ, FELDSPATHIC, MAFIC & JASPER). NO SULPHIDES.					
30.0	162.0	ALTERED PEBBLY SANDSTONE-CONGLOMERATE THE PEBBLY SANDSTONE IS DEFINED AS A QTZ-SER-CHL SCHIST WHERE CHLORITE IS THE MAJOR ALTERATION PRODUCT WITH <1/8" QTZ "EYES" THROUGHOUT. THE "EYES" ARE REMETAMORPHOSED QTZ CRYSTALS. THE OCCASSIONAL JASPER OR QTZ (WHITE) PEBBLE OCCUR THROUGHOUT. SERICITE IS ALSO A MAJOR ALTER. MINERAL (30%) PEBBLES ARE EXTREMELY FLATTENED. AT APPROX. 56' DEFORMATION INCREASES WHERE ROCK BECOMES EXTREMELY SCHISTOSE WITH KINK FOLDS THROUGHOUT. ACCOMPANYING THE DEFORMATION IS AN INCREASE OF 40% QTZ-Ca+Fe-CARBONATE VEINLETS THROUGHOUT. (40° TO C/A, FOLIATION). AT APPROX. 71' AS 30'-56', WHERE THIS SECTION MAY BE CALLED A HOMOGENEOUS PEBBLY SANDSTONE. AT APPROX 96' AS 56'-71'. INTENSELY DEFORMED PEB. SST.					

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: FOXEAR SOUTHEAST GRID

Hole No: 85-F44SE-1

Footage From	Footage To	Description — 85-F44SE-1	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		104' 9" FAULT WITH ACCOMPANYING WHITE QTZ.					
		105' AS ALTERED PEBBLY SANDSTONE DESCRIBED AT 30'-56' EXCEPT SERICITE (80%) IS THE MAJOR ALTERATION MINERAL.					
		AT APPROX. 125' ALTERED HEM + SER (ORANGE - MAROON) GIVE THIS SECTION A PLETHORA OF COLOURS. THE OCCASSIONAL QTZ, MAFIC, JASPER PEBBLE - COBBLE APPEARS (FLATTENED).					
162.0	210.0	POLYMICTIC METACONGLOMERATE A GRADATIONAL CONTACT TO THIS VERY WELL FOLIATED SECTION AS DESCRIBED AT 8.0-30.0 (FOLIATION 41° TO C/A). GRANITIC, FELDSPATHIC, QTZ, JASPER, MAFIC PEBBLES + COBBLES ARE FLATTENED.					
		ALTERED PEBBLY SANDSTONE - CONGLOMERATE DESCRIBED AS 105'-162' WITH A PLETHORA OF COLOURS IN SERICITE MATRIX.					
		AT 196'-210' PEBBLY SST AS DESCRIBED AT 8.0-30.0					
210.0	214.6"	ALTERATION ZONE. SHARP CONTACT.					
		210.0-211.6" BLUE SILICIFICATION 70%, 10-15% CHL-SER VEINLETS, 3% V.F.G. Py AS DISSEMINATIONS. TR Cpy, Mo	2051	210	211.6"	1.6"	0.272
		211.6"-213.6" BLUE TO GREY SILICIFICATION 40%, 40% CHL-SER VEINLETS (42° FOLIATION TO C/A). 4% V.F.G. Py AS DISSEMINATIONS & VEINLETS. TR Cpy, Mo.	2049	211.6"	213.6"	2.0	0.255
		213.6"-214.6" WELL WHITE TO PINK CARBONATED 50%, FOLIATED SCHIST <3% F.G. DISSEM Py. SER + CHL VEINLETS 40% THROUGHOUT.	2050	213.6"	214.6"	1.0	0.080

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: FOXEAR SOUTHEAST GRID.

Hole No: 85-F44SE-1

Footage From	Footage To	Description 85-F44SE-1	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
@14.6"	228.0	MAFIC VOLCANIC. RAZOR SHARP CONTACT TO A HOMOGENEOUS GREEN WITH 30% WHITE QTZ-CARB VEINLETS THROUGHOUT. IT IS WEAKLY MAGNETIC. NO SULPHIDES.					
EOH							

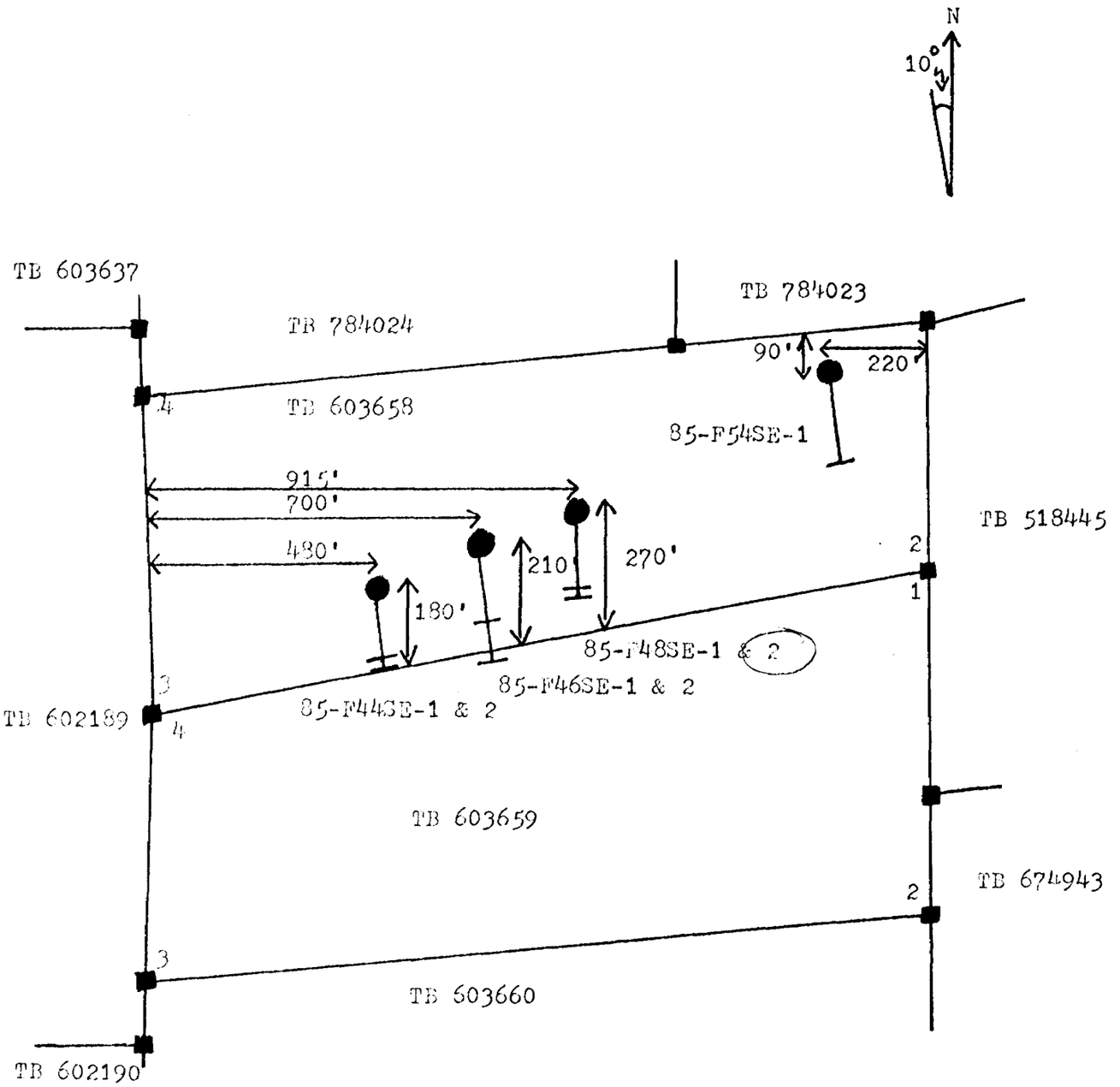
METALORE RESOURCES LIMITED

Location Map of DDH's: 85-F44SE-1 & 2, 85-F46SE-1 & 2,
85-F48SE-1 & 2, 85-F54SE-1

Irwin Township, Ontario

Claim Number TB 603658

SCALE: 1 inch = 300 feet



Located Claim Post ■

Drawn by: Barbara Kowalski
Dec. 1985

Note: Reference; Claims drawn to scale from B. Maskell, O.L.S. Nov., 1985.

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: FOXEAR SOUTHEAST GRID — Hole No. 85-F44SE-2

Latitude: 20+75S — Departure L44+00E — Elevation: 1010' — Length: 366' — Core Size NQ-1 7/8" — Claim No. TB 603658 — Started NOV. 4, 1985

Azimuth: 172° — Dip: -67½° — Completed: NOV. 8, 1985

Tropari/Dip Tests:	366'	-59°					
Cap Core.							

Logged by: BARBARA KOWALSKI

Drilled by: NORISSETTE

Purpose: TO TEST THE ALTERATION ZONE OF F44SE-1 AT DEPTH.

Hole: 85-F44SE-2

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
0.0	8.0	CASING.					
8.0	58.0	POLYMICTIC METACONGLOMERATE MATRIX IS WELL FOLIATED 25-30° TO C/A WITH HEMATITE + SERICITE + Fe- + Ca- CARBONATE VEINLETS DEFINING THE FOLIATION. MATRIX IS A HOMOGENEOUS GREEN WITH PEBBLES + COBBLES RANGING IN COMPOSITION (QTZ, FELDSPATHIC, MAFIC + JASPER). NO SULPHIDES.					
58.0	72.0	ALTERED PEBBLY SANDSTONE-CONGLOMERATE THE PEBBLY SANDSTONE IS DEFINED AS A QTZ-SER-CHL-SCHIST, WHERE CHLORITE IS THE MAJOR ALTERATION PRODUCT WITH < 1/8" QTZ "EYES" THROUGHOUT. "PEBBLY" IS USED HERE AS A DESCRIPTIVE TERM TO DESCRIBE THE REMETAMORPHOSED QTZ "EYES". THE OCCASSIONAL QTZ, MAFIC, JASPER PEBBLE APPEARS. THESE PEBBLES ARE FLATTENED.					
72.0	101.0	POLYMICTIC METACONGLOMERATE AS DESCRIBED AT 8.0-58.0.					
101.0	317.0	CONGLOMERATE ALTERED PEB. SST. AS DESCRIBED AT 58.0-72.0. 40-50% SERICITE, 30% CHLORITE IN THIS DEFORMED SST WITH KINK FOLDS THROUGHOUT. ACCOMPANYING DEFORMATION THERE IS AN INCREASE OF 40% QTZ- Fe- + Ca- CARBONATE VEINLETS THROUGHOUT. (FOLIATION 30-33° TO C/A. FLATTENED PEBBLES + COBBLES THROUGHOUT. APPROX. 140' + 142' 1/4" FAULT. 147', 167'-167.6", 175-177' FAULTS.					

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: FOXEAR SOUTHEAST GRID.

Hole No: 85-FXSE-2

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		AT APPROX. 209' ALTERED HEM+SER. (ORANGE-MAROON) GIVE THIS SECTION A PLETHORA OF COLOURS. THE OCCASSIONAL FLATTENED, QTZ, MAFIC, FELDSPATHIC, JASPER PEBBLE-COBBLE APPEARS. FOLDING THROUGHOUT.					
		AT 297' SHARP COMPOSITIONAL CHANGE FROM SERICITE TO MAFIC.					
317.0	366	MAFIC VOLCANIC. SHARP CONTACT TO A WELL FOLIATED 35° C/A, 60% CARBONATED VOLCANIC. <1% M.G. DISSEMINATED Py.	2058	317	319.9"	2.9"	0.096
		319.9"-320.9" BLACK VERY WELL BRECCIATED ROCK WITH STRINGERS OF QTZ-CARB THROUGHOUT.					
EOH		320.9"-322 V. WELL FOLIATED 36° TO C/A, CARBONATED, <1% M.G. Py.	2059	320.9"	322	1.3"	0.105
		339.10" - A 6" FAULT WITH <1/4% Py.					
		VOLCANIC BECOMESS LESS FOLIATED AND MORE MASSIVE WITH 2% QTZ-CARB VEINLETS THROUGHOUT.					

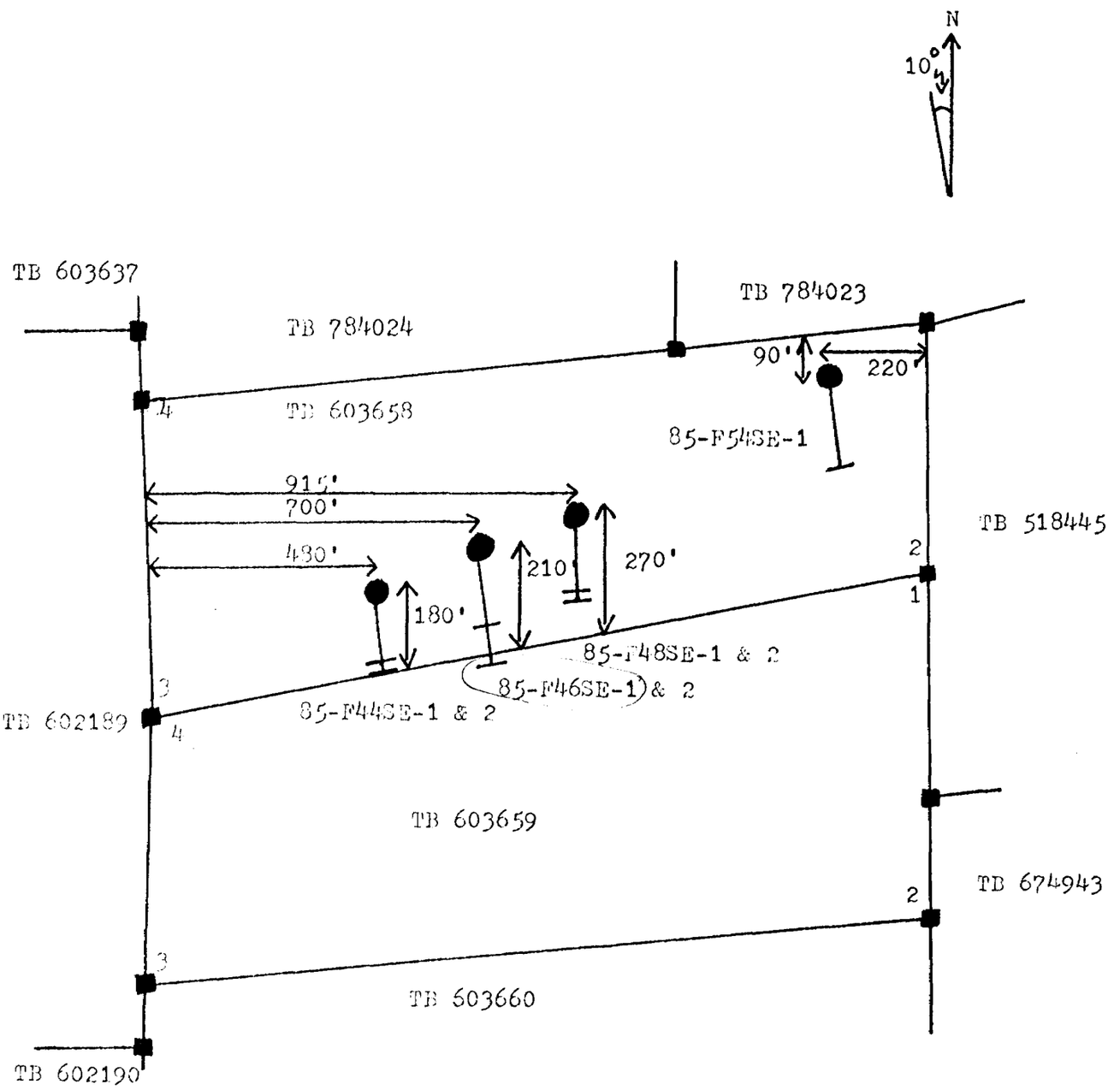
METALORE RESOURCES LIMITED

Location Map of DDH's: 85-F44SE-1 & 2, 85-F46SE-1 & 2,
85-F48SE-1 & 2, 85-F54SE-1

Irwin Township, Ontario

Claim Number TB 603658

SCALE: 1 inch = 300 feet



Located Claim Post ■

Drawn by: Barbara Kowalski
Dec. 1985

Note: Reference; Claims drawn to scale from B. Maskell, O.L.S. Nov., 1985.

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: FOXEAR - SOUTHEAST GRID Hole No. 85-F46SE-1

Latitude: 20+75S Departure 46+00E Elevation: 1010' Length: 310' Core Size NQ - 17/8" Claim No. TB 603658 Started OCT. 17, 1985

Azimuth: 172° Dip: -42°

Tropari/Dip Tests:	310'/ -34°						
Cap. Correc.							

Completed: OCT. 19, 1985

Logged by: BARBARA KOWALSKI

Drilled by: MORISSETTE

Purpose: TO TEST CONTACT BETWEEN SEDIMENTS + VOLCANICS.

Hole: 85-F46SE-1

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
0.0	6.0	CASING					
6.0	199.0	POLYMICTIC METACONGLOMERATE. MATRIX IS A HOMOGENEOUS DARK GREEN WITH A MODERATE FOLIATION (50° C/A). FLATTENED PEBBLES AND COBBLES RANGE IN COMPOSITION → QTZ, MAFIC, FELDSPATHIC, GRANITIC + JASPER). CONGLOMERATE BECOMES MORE DEFORMED APPROX 76' WITH SHEARING, KINK FOLDS AND 10% BRIGHT YELLOW SERICITE. APPROX. 98' GRADATIONAL INCREASE IN DEFORMATION WITH CLASTS BECOMING SPARSE IN THIS PEBBLY SANDSTONE SECTION. PEBBLY SANDSTONE-CONGLOMERATE IS A HOMOGENEOUS GREEN WITH MINUTE QTZ "EYES" THROUGHOUT. <10% SERICITE. ISOLATED NARROW SECTIONS SHOW KINK FOLDS AND BRECCIATION. APPROX. 139' THERE IS AN INCREASE IN SERICITE(80%) WITH <2% HEMATITE [DISCOLOURED DUE TO SERICITE(YELLOW) SUPERIMPOSED]. FLATTENED QTZ-JASPER-MAFIC CLASTS ARE SPARSELY DISTRIBUTED. FOLIATION 80° TO C/A. 170' - 180' HIGHLY DEFORMED (FOLIATED + BRECCIATED) AND ALTERED SECTION. KINK FOLDS AND BRECCIATION OF QTZ+ PEBBLY SANDSTONE + CONGLOMERATE MATERIAL = MELANGE (INDICAT					

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: FOXEAR - SOUTHEAST GRID

Hole No: 85-F46SE-1

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton		
		ES FAULTING).							
		180' - 190' AS 139' - 170'.							
		190' - 199' AS 98' - 139'							
199'	257	MAFIC VOLCANIC. THERE IS A GRADATIONAL CONTACT WITH THE ABOVE SECTION. THE VOLCANIC IS VERY WELL FOLIATED WITH VEINLETS OF PINKISH QTZ-CARB (55° TO C/A). PILLOW SELV. DOWNHOLE.							
		SILICIFIED SECTION: 204-205.3" THIS SECTION IS INTERMIXED WITH THE ABOVE VOLCANIC WALLROCK AND THE BELOW 40% SMOKY SILICIFICATION. <10% QTZ; 5% CHLORITE; 5% SERICITE; 2-3% U.F.G. DISSEMINATED AND VEINLETS of Py.	2018	204	2053"	1.3"	0.06		
		205.3"-206.6" 40-50% SMOKY SILICIFICATION; 15% QTZ; 10-15% CHLORITE; 10% SERICITE VEINLETS; 2-3% U.F.G. DISSEMINATED AND VEINLETS OF Py.	2020	205.3"	206.6"	1.3"	0.27	0.28	
		206.6" - 207.6" BRECCIATED BROWN CARBONATE (FRAGMENTS) 40% + SILICIFICATION 20%; <2% F.G. DISSEMINATED Py.	2022	206.6"	207.6"	1.0	0.01		
		234-237 BRIGHT RED HEMATITE Bx WITH QTZ-CARB VEINLETS THROUGHOUT. <5% Spec. VEINLETS + <½% M.G. DISSEMINATED Py (LOCAL).							
257 EOH	310	GRADATIONAL CONTACT TO M.G. DIORITE. IT IS MODERATELY MAGNETIC + BECOMES COARSE-GRAINED DOWNHOLE (MASSIVE). 20% EPIDOTE.							

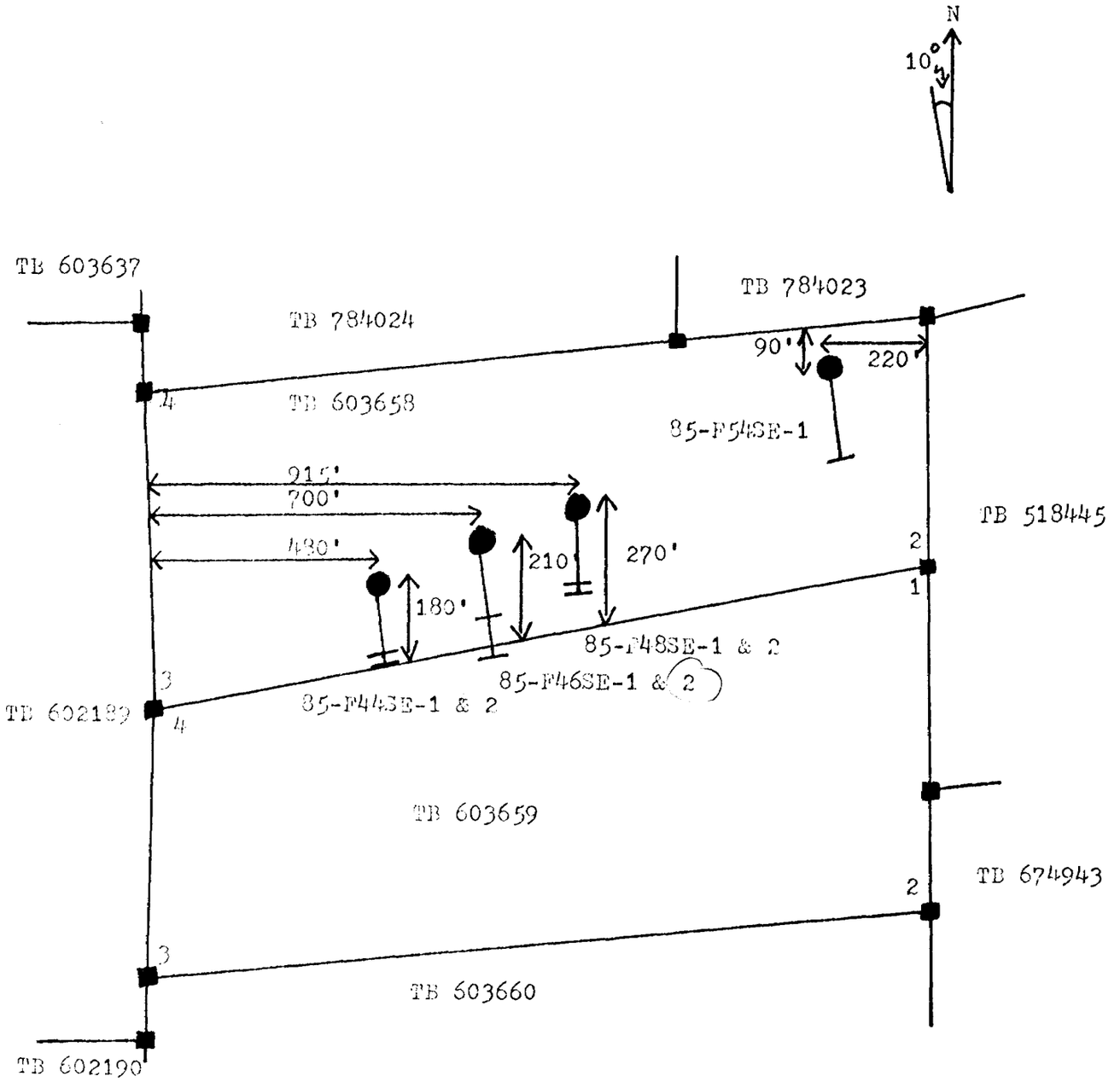
METALORE RESOURCES LIMITED

Location Map of DDH's: 85-F44SE-1 & 2, 85-F46SE-1 & 2,
85-F48SE-1 & 2, 85-F54SE-1

Irwin Township, Ontario

Claim Number TB 603658

SCALE: 1 inch = 300 feet



Located Claim Post ■

Drawn by: Barbara Kowalski
Dec. 1985

Note: Reference; Claims drawn to scale from B. Maskell, O.L.S. Nov., 1985.

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: FOXEAR - SOUTHEAST GRID Hole No. 85-F46SE-2

Latitude: 20+75S Departure 46+00E Elevation: 1010' Length: 380' Core Size NQ-1 7/8" Claim No. TB 603658 Started OCT. 19, 1985

Azimuth: 172° Dip: -67°

Tropari/Dip Tests:	380' / -55°		4° BEFORE CORRECTION				

Completed: OCT. 22, 1985

Logged by: BARBARA KOWALSKI (BK)

Drilled by: MORISSETTE

Purpose: TO TEST CONTACT BETWEEN POLYMICTIC METACONGLOMERATE - VOLCANICS

Hole: 85-F46SE-2

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
0.0	8.0	CASING					
8.0	131.0	POLYMICTIC METACONGLOMERATE. CLASTS RANGE IN COMPOSITION → GRANITIC, QTZ, FELDSPATHIC, JASPER AND MAFIC PEBBLES + COBBLES. MATRIX IS WEAKLY FOLIATED (CLASTS ARE WEAKLY FLATTENED) AND IS A HOMOGENEOUS GREEN COLOUR. APPROX. 111' 20-30% SERICITE WITH ASSOCIATED DEFORMATION 80% DOWNHOLE. FOLIATION 35° C/A. NO SULPHIDES.					
131.0	156.0	PEBBLY SANDSTONE - CONGLOMERATE. IT IS HOMOGENEOUS GREEN WITH SPARSELY DISTRIBUTED PEBBLES + COBBLES (VARIABLE COMPOSITION AS ABOVE) NO SULPHIDES.					
156.0	186.0	AS 8.0-131.0 POLYMICTIC METACONGLOMERATE					
186.0	206.0	SHEARED POLYMICTIC METACONGLOMERATE. IT IS EXTREMELY ALTERED WITH SERICITE 65% + HEMATITE 20%. KINK FOLDS OCCUR THROUGHOUT MATRIX AND WITHIN CLASTS (VARIABLE COMPOSITION AS ABOVE 8.0-131.0). FOLIATION 30° TO C/A.					
206.0	256.0	AS 111'-131' POLYMICTIC METACONGLOMERATE + SERICITE.					
256.0	319.0	AS 186'-206' SHEARED POLYMICTIC METACONGLOMERATE.					
319.0	380.0	MAFIC VOLCANIC. GRADATIONAL CONTACT TO A WELL FOLIATED (40° C/A) HOMOGENEOUS GREEN VOLCANIC. 4-5% PINKISH-WHITE QTZ-CARB					

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: FOXEAR - SOUTHEAST GRID

Hole No: 85-F46SE-2.

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton.
		VEINLETS THROUGHOUT. IT IS WEAKLY MAGNETIC.					
EOH		344.3" - 345.3" 5" QTZ + 15% PALE GREY SILICIFICATION; 1% F.G. DISSEMINATED Py.. 7" INTERMIXED WALLROCK + QTZ+SILICIFICATION 5%; 1% F.G. DISSEMINATED Py..	2044	344.3"	345.3"	1.0	0.026

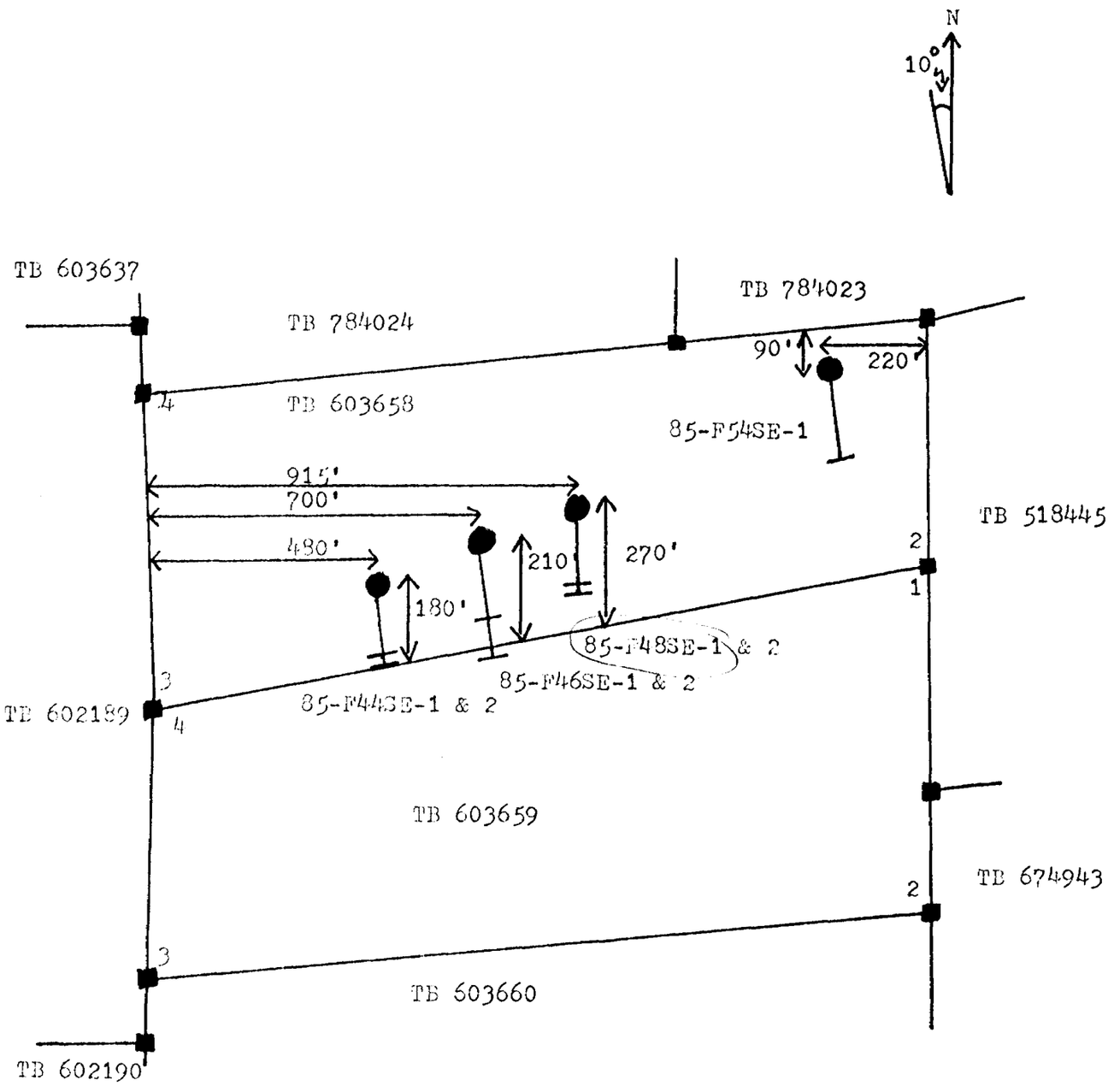
METALORE RESOURCES LIMITED

Location Map of DDH's: 85-F44SE-1 & 2, 85-F46SE-1 & 2,
85-F48SE-1 & 2, 85-F54SE-1

Irwin Township, Ontario

Claim Number TB 603658

SCALE: 1 inch = 300 feet



Located Claim Post ■

Drawn by: Barbara Kowalski
Dec. 1985

Note: Reference; Claims drawn to scale from B. Maskell, O.L.S. Nov., 1985.

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: FOXEAR SOUTHEAST GRID

Latitude: 20+75S | Departure 48+00E | Elevation: 1010' | Length: 212' | Core Size NQ - 1 7/8" | Hole No. 85-F48SE-1

Azimuth: 172° | Claim No. TB 603658 | Started OCT. 31, 1985

Dip: -42° | Tropari/Dip Tests: — | Completed: NOV. 2, 1985.

Purpose: TO TEST CONTACT BETWEEN SEDIMENTS - VOLCANICS | Logged by: BARBARA KOWALSKI

Drilled by: MORISSETTE

Hole: 85- F48 -1

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
0.0	2.0	CASING.					
2.0	47.0	POLYMICTIC METACONGLOMERATE. MATRIX IS WELL FOLIATED 40° C/A WITH <2% SERICITE. IT IS HOMOGENEOUS GREEN WITH PEBBLES AND COBBLES (FLATTENED) OF VARYING COMPOSITION. (QTZ, MAFIC, FELDSPATHIC, GRANITIC AND JASPER. NO VISIBLE SULPHIDES.					
47.0	106.0	PEBBLY SANDSTONE - CONGLOMERATE. MATRIX IS VERY WELL FOLIATED 40° C/A WITH 80% SERICITE-CHL/10% QTZ (EYES) AND JASPER-QTZ PEBBLES THROUGHOUT. INCREASE TO 80% SERICITE DOWNHOLE. FAULT APPROX. 3" AT 71' + 72' ASSOCIATED WITH WHITE QTZ VEINS. 104' 3"; 106' 3"					
106.0	156.6"	POLYMICTIC META CONGLOMERATE (ALTERED) + PEBBLY SANDSTONE. FAULT MARKS THE CONTACT TO THIS WELL FOLIATED 40° C/A + ALTERED (PLETHORA OF COLOURS - HEMATITE (RED) SERICITE (YELLOW) LIME (SER + CHL), ETC.), CONGLOMERATE. PEBBLES ARE EXTREMELY FLATTENED. DOWNHOLE ALTERED CONG. IS INTERMIXED WITH A HOMOGENEOUS DEFORMED CONG. ("HOMOGENEOUS" - MATRIX IS MED. GREEN (CHLORITIC)). FAULT 140' - 4" + 145' - 4" WITH ASSOCIATED BARREN WHITE QTZ. 153' - 4' LOST CORE" BLOCK. CORE V. FRACTURED.					
156.6"	157.4"	DEFORMED + ALTERED SECTION. 8" OF WELL FOLIATED - 30% CARBONATE; 2% F.G. - M.G. DISSEMINATED Py.	2052	156.6"	157.2"	8"	0.070

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: FOXEAR SOUTHEAST GRID.

Hole No: 85-FX8SE-1

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/tone
157.4'	212.0	DEFORMED MAFIC VOLCANIC. IT IS WELL FOLIATED 38° C/A WITH 30-40% QTZ-CARB VEINLETS THROUGHOUT. VOLCANIC IS HOMOGENEOUS GREEN + V. WEAKLY MAGNETIC. VOLCANIC BECOMES MASSIVE DOWN-HOLE. NO VISIBLE SULPHIDES.					
EOH							

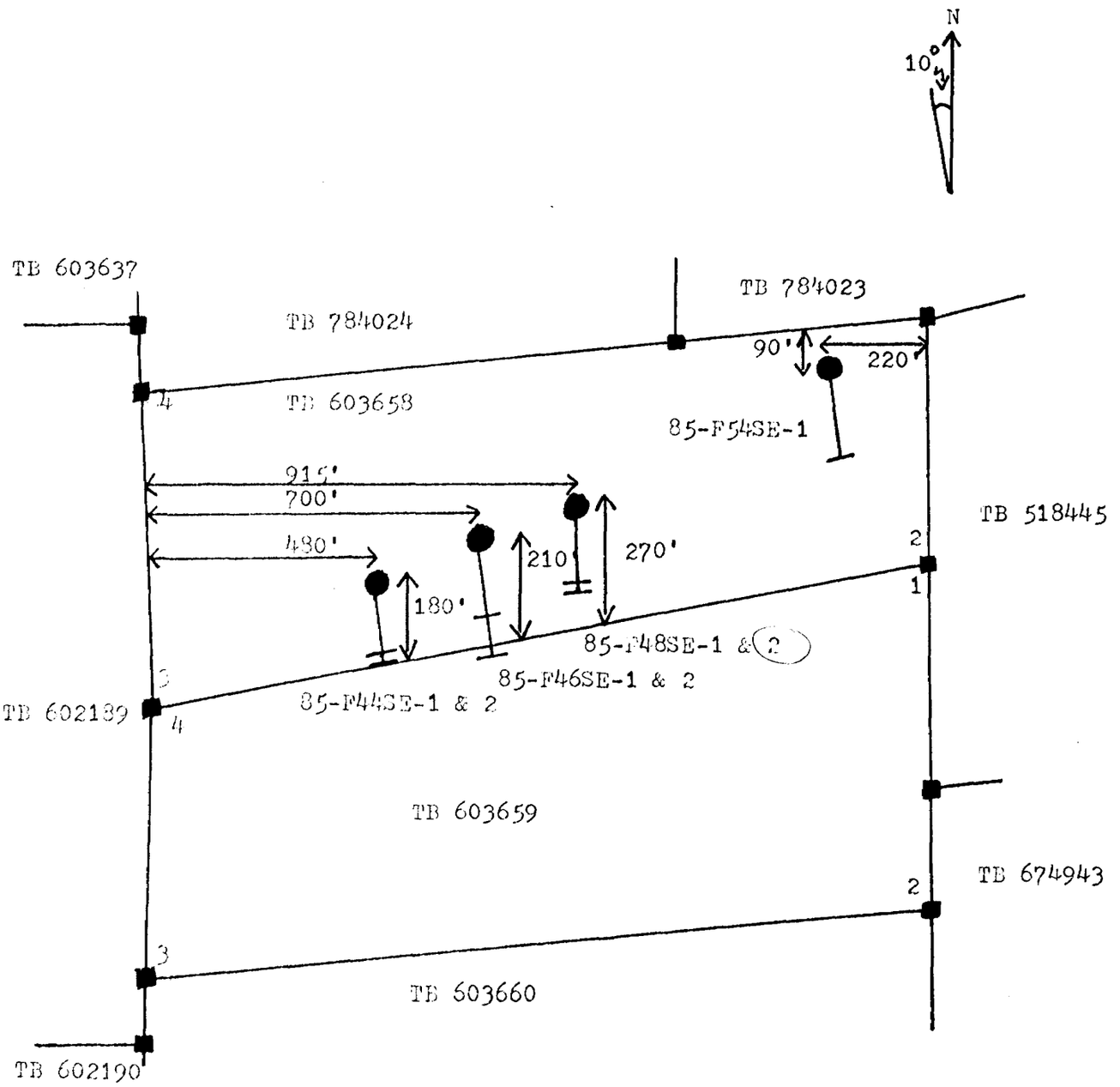
METALORE RESOURCES LIMITED

Location Map of DDH's: 85-F44SE-1 & 2, 85-F46SE-1 & 2,
85-F48SE-1 & 2, 85-F54SE-1

Irwin Township, Ontario

Claim Number TB 603658

SCALE: 1 inch = 300 feet



Located Claim Post ■

Drawn by: Barbara Kowalski
Dec. 1985

Note: Reference; Claims drawn to scale from B. Maskell, O.L.S. Nov., 1985.

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: FOXEAR SOUTHEAST GRID. Hole No. 85-F48SE-2

Latitude: 20+20S Departure 48+00E Elevation: 1004' Length: 382.0 Core Size NQ - 1 7/8" Claim No. TB603658 Started NOV. 12, 1985

Azimuth: 170° Dip: -67½° Tropari/Dip Tests: 382' -44° (Cup Core.) Completed: NOV. 15, 1985.

Logged by: BARBARA KOWALSKI BK

Purpose: TO TEST CONTACT BETWEEN SEDIMENTS + VOLCANICS + POSSIBLE PLUNGE OF ZONE F46, F44 Drilled by: MORISSETTE

Hole: 85-F48SE-2

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
0.0	8.0	0.0 - 4.0 BEDROCK → 8.0 CASING.					
8.0	219.0	POLYMICTIC METACONGLOMERATE. THE MATRIX IS HOMOGENEOUS GREEN WITH STRINGERS OF QTZ-CARB DEFINING A FOLIATION (40° C/A). PEBBLES + COBBLES RANGE IN COMPOSITION → JASPER, QTZ, FELDSPATHIC, GRANITIC + MAFIC. THESE CLASTS ARE FLATTENED. INTERMIXED ALTERED PEBBLY SANDSTONE AT 27'-32'; 38'-42' THE PEBBLY SANDSTONE IS DEFINED AS A QTZ-CHL-SER SCHIST WHERE SERICITE IS THE MAJOR ALTERATION MINERAL WITH << 1/8" QTZ "EYES" THROUGHOUT. "PEBBLY" IS USED HERE TO DESCRIBE THE REMETAMORPHOSED QTZ "EYES". NO SULPHIDES. POLYMICTIC METACONGLOMERATE 42'-169' AS 8.0-27.0. NO SULPHIDES. DEFORMED POLYMICTIC META CONGLOMERATE. MATRIX IS SCHISTOSE WITH 10-15% SERICITE, KINK FOLDS THROUGHOUT. CLASTS ARE FEWER THAN 42'-169' AND ARE EXTREMELY FLATTENED AND BRECCIATED. FOLIATION 45° TO C/A). 209 - 216.6" PINK ALTERATION - K-SPECTROMETER READINGS 300-450 COUNTS PER MINUTE. BACKGROUND 200 COUNTS PER MIN.					
219.0	333.3'	ALTERED PEBBLY SANDSTONE-CONGLOMERATE AS 27'-32'. CONTACT IS RAZOR SHARP AT 219' MARKED BY A 1.6" QTZ VEIN WITH SERICITIC-CHLORITIC VEINLETS THROUGHOUT. WELL FLATTENED CLASTS IN ISOLATED SECTIONS. NO SULPHIDES.					

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: FOXEAR SOUTHEAST GRID.

Hole No: 85-F48SE-2

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
333.3"	382.0	333.3"-333.9" QTZ-CARB IN A WELL FOLIATED MAFIC VOLCANIC. 2% F.G. DISSEMINATED Py.	2056	333.3"	333.9"	0.6"	
EOH		GRADATIONAL CONTACT TO THIS MASSIVE, HOMOGENEOUS MAFIC VOLCANIC. 2-5% QTZ-CARB (WHITE) VEINLETS THROUGHOUT. IT IS V. WEAKLY MAGNETIC.					

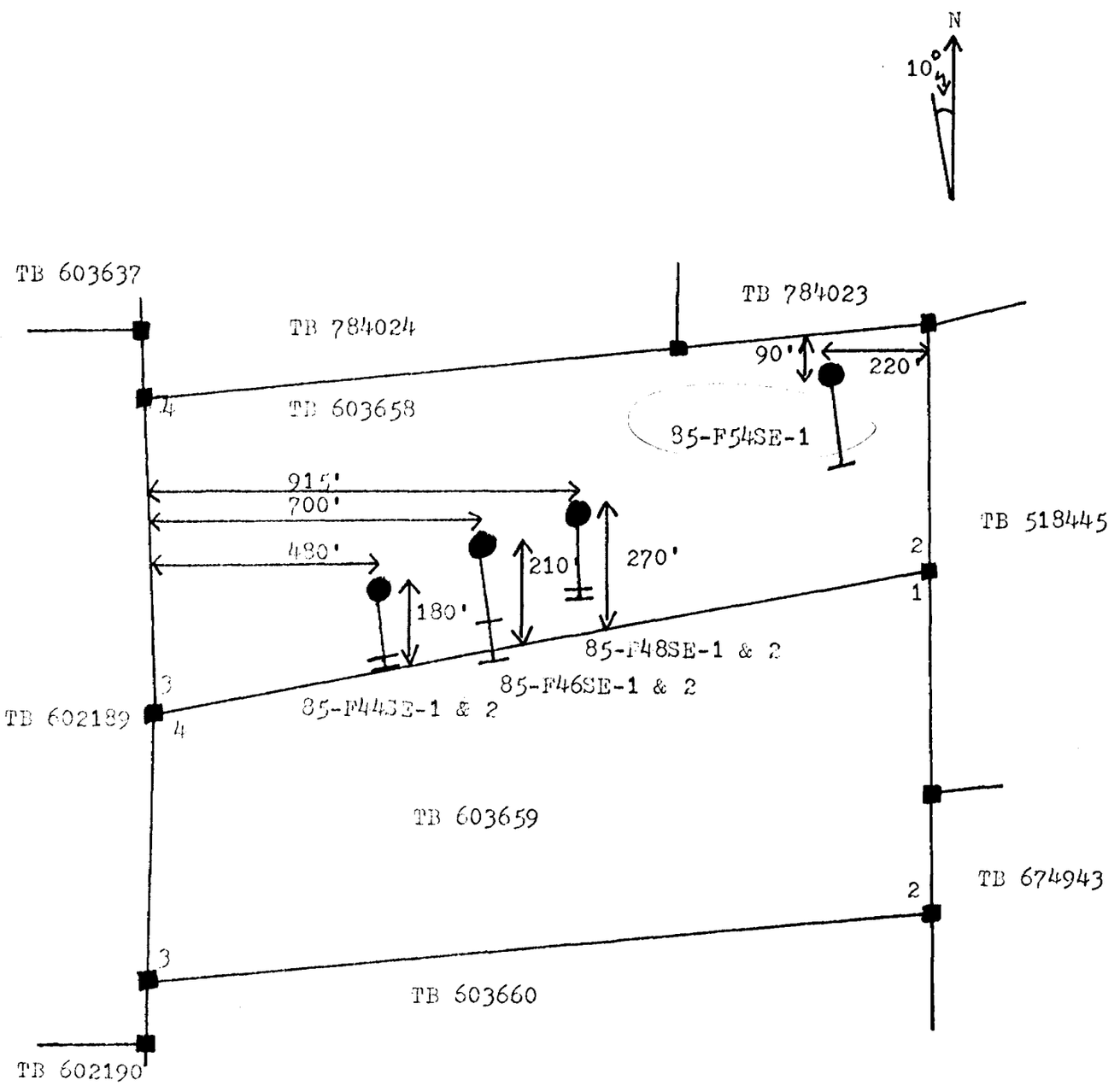
METALORE RESOURCES LIMITED

Location Map of DDH's: 85-F44SE-1 & 2, 85-F46SE-1 & 2,
85-F48SE-1 & 2, 85-F54SE-1

Irwin Township, Ontario

Claim Number TB 603658

SCALE: 1 inch = 300 feet



Located Claim Post ■

Drawn by: Barbara Kowalski
Dec. 1985

Note: Reference; Claims drawn to scale from R. Maskell, O.L.S. Nov., 1985.

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: FOXEAR SOUTHEAST GRID Hole No. 85-F54SE-1

Latitude: 20+50S Departure L54+00E Elevation: 1003' Length: 267.0 Core Size NQ-1 7/8" Claim No. TB 603658 Started NOV 9, 1985

Azimuth: 170° Dip: -42°

Tropari/Dip Tests:	—						

Completed: NOV. 11, 1985

Logged by: BARBARA KOWALSKI

Drilled by: MORISSETTE

Purpose: TO TEST CONTACT BETWEEN SEDIMENTS + VOLCANICS.

Hole: 85-F54SE-1

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
0.0	6.0	0.0-4.0 BEDROCK . . →6.0 CASING.					
6.0	75.6"	POLYMICTIC METACONGLOMERATE. THE MATRIX IS HOMOGENEOUS GREEN WITH STRINGERS OF QTZ-CARB DEFINING A WEAK FOLIATION. (50° C/A). PEBBLES AND COBBLES RANGE IN COMPOSITION → JASPER, QTZ, FELDSPATHIC, GRANITIC AND MAFIC. THESE CLASTS ARE FLATTENED. 61'-75.6" SHEARED POLYMICTIC METACONGLOMERATE. EXTREMELY WELL FOLIATED (63° C/A) WITH 10% SERICITE THROUGHOUT. PEBBLES + COBBLES ARE BRECCIATED. 70' → 3" FAULT; 72' → 5" CRENULATED QTZ-CARB IN FAULT.					
75.6"	146.0	ALTERED PEBBLY SANDSTONE-CONGLOMERATE. THE PEBBLY SANDSTONE IS DEFINED AS A QTZ-CHL-SER-SCHIST, WHERE SERICITE IS THE MAJOR ALTERATION MINERAL WITH << 1/8" QTZ "EYES" THROUGHOUT. "PEBBLY" IS USED HERE TO DESCRIBE THE REMETAMORPHOSED QTZ "EYES". 40% SERICITE. KINK FOLDS THROUGHOUT. FLATTENED MAFIC, JASPER, QTZ, FELDSPATHIC CLASTS THROUGHOUT. TR GREEN MICA. FOLIATION 60° C/A.					
146.0	242.0	146.0-147.0 ALTERED ZONE WELL FOLIATED, 50° TO C/A, WITH CHL + SER DEFINING THE FOLIATION. QTZ-CARB PREDOMINATES. <1% Py.	2061	146.0	147.0	1.0	0.002

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: FOXEAR SOUTHEAST GRID.

Hole No: 85-F54SE-1

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		MAFIC VOLCANIC. IN CLOSE PROXIMITY AND AT THE CONTACT 30% QTZ-CARB VEINLETS OCCUR. DOWNHOLE 2%-5% QTZ-CARB VEINLETS OCCUR IN A HOMOGENEOUS GREEN VOLCANIC. FOLIATION 50° TO C/A. WEAKLY MAGNETIC. PILLOW SELVAGES THROUGHOUT. <1/4% DISSEM. Py IN ISOLATED SECTIONS.					
242.0	267.0	DIORITE. GRADATIONAL CONTACT TO THIS COARSE-GRAINED, WEAKLY MAGNETIC DIORITE. IT IS HOMOGENEOUS WITH <1% QTZ-CARB VEINLETS. EPIDOTE OCCURS IN ISOLATED SECTIONS; EXAMPLE AT 248'-249'. <1/4% DISSEM. Py IN ISOLATED SECTIONS.					
EOH							

PATTER GRID - SOUTH - OMEP 1985

1 copy logs filed for assessment work.

			SIZE	START	END
1.	85-P34W-1	✓292'	BQ	Aug 1/85	Aug 2/85
2.	85-P36W-1	✓236'	BQ	Sept 22	Sept 23
3.	85-P40W-1	✓283'	BQ	Aug 5	Aug 7
4.	85-P44W-1	✓236'	BQ	Sept 17	Sept 21
5.	85-P52W-1	✓355' X	BQ	Aug 8	Aug 16
6.	85-P52W-2	✓341'	BQ	Aug 16	Aug 19
7.	85-P58W-1	✓143'	BQ	Aug 20	Aug 21
8.	85-P70W-1	✓500'	NQ	Aug 25	Aug 30
9.	85-P74W-1	✓355'	NQ	Aug 22	Aug 25

Total Footage ✓2741'

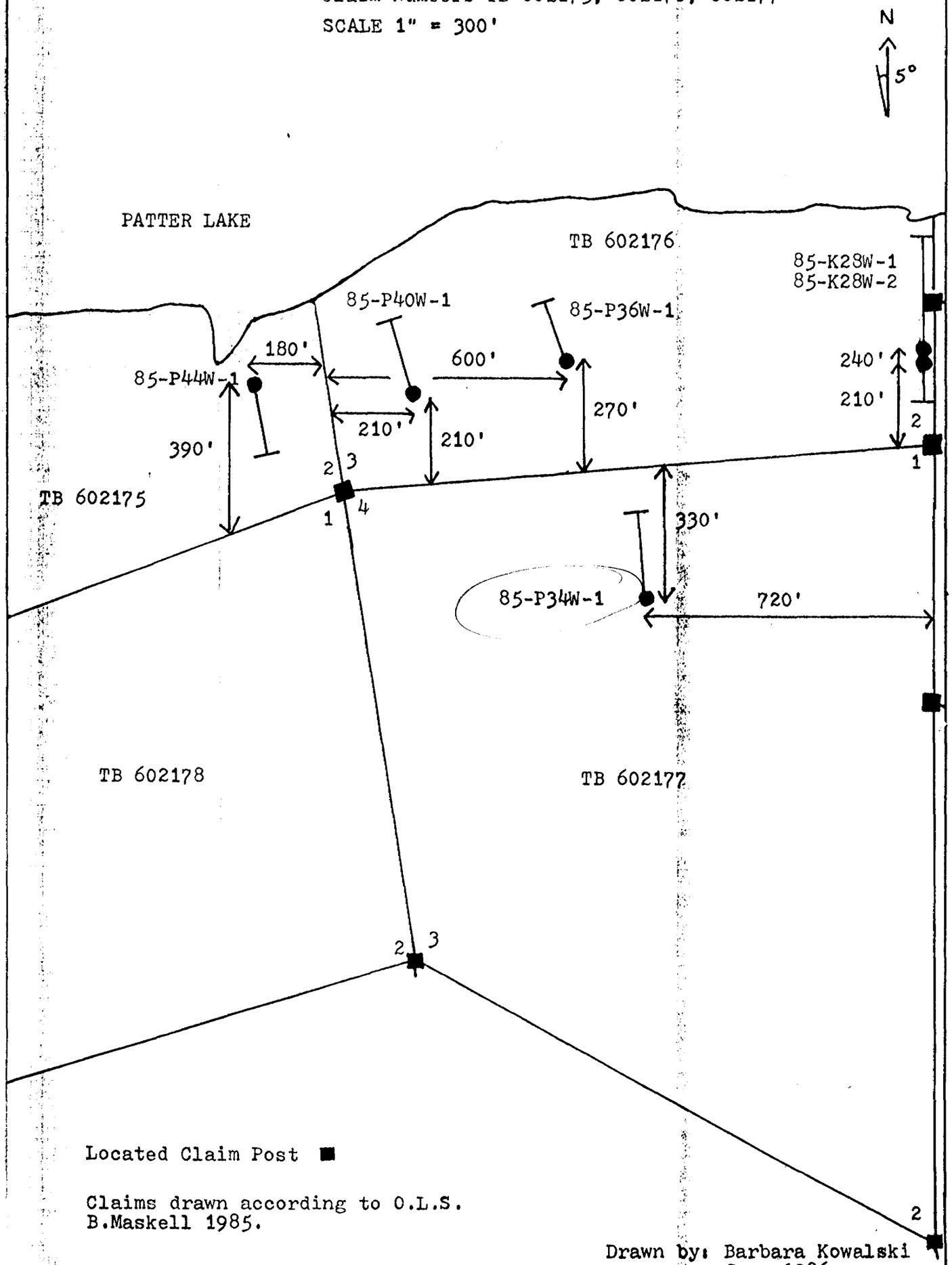
METALORE RESOURCES LIMITED

Location Map of DDH: 85-K28W-1 & 2, 85-P34W-1, 85-P36W-1, 85-P40W-1, 85-P44W-1

Irwin Township, Ontario

Claim Numbers TB 602175, 602176, 602177

SCALE 1" = 300'



Located Claim Post ■

Claims drawn according to O.L.S.
B.Maskell 1985.

Drawn by: Barbara Kowalski
Jan. 1986.

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: PATTER LAKE — Hole No. 85P-34W-1

Latitude: 0+75S — Departure 34+00W — Elevation: — Length: 292' — Core Size BQ - 17/16" — Claim No. TB 602177 — Started AUGUST 1, 1985

Azimuth: 355° — Tropari/Dip Tests: NONE — Completed: AUGUST 2, 1985

Dip: -45° — Logged by: BARBARA KOWALSKI BK

Purpose: TO TEST MAFIC VOLCANIC OR DIORITE → CONGLOMERATE CONTACT. — Drilled by: MORISSETTE

Hole: 85-P-34W-1

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
0.0	8.0'	CASING.					
8.0	59.0	VOLCANICS: HOMOGENEOUS, FINE-GRAINED, PILLOWED MAFIC VOLCANIC. LOCALLY, SECTIONS HAVE Ca-FELDSPAR CRYSTALS. VOLCANIC IS MOD. TO STRONGLY MAGNETIC, << 1/4% - OCCASSIONAL CRYSTAL OF PYRITE.					
59.0	237	DIORITE: GRADATIONAL CONTACT TO A MEDIUM-GRAINED, EPIDOTE FREE, DIORITE. IT IS HOMOGENEOUS AND <2% QTZ-CARB VEINLETS THROUGHOUT.					
		99.7" - 101.1" SILICIFIED 10-15% (D. GREY) WITH Ca & Fe-CARBONATE THROUGHOUT. <2% K-FELDSPAR VEINLETS. 2-4% FINE- TO COARSE-GRAINED PYRITE DISSEMINATED AND AS VEINLETS. <1/4% cpy. Ca-FELDSPAR CRYSTALS THROUGHOUT. THIS ALTERED SECTION IS ALSO WEAKLY FOLIATED (45° C/A) AND V. WEAKLY BRECCIATED.	10398	99.7"	101.1"	1.6"	0.042
		101.1" - 102.8" AS 99.7" - 101.1"	10399	101.1"	102.8"	1.7"	0.103
		200.8" - 201.6" 1/2" QTZ VEIN WITH MINERALIZED, MODERATELY WELL SILICIFIED (3%) WALLROCK. WALLROCK IS BRECCIATED WITH HEMATITE AND Fe-CARB AND WELL FOLIATED WITH CHLORITIC AND SERICITIC VEINLETS. <2% FINE- TO MED-GRAINED DISSEMINATED Py.	10400	200.8"	201.6'	10"	0.010
237	292	MAFIC VOLCANIC: EXACTLY AS 8.0'-59.0'. MAFIC VOLCANIC WITH PILLOW SEL.					
	EOH						

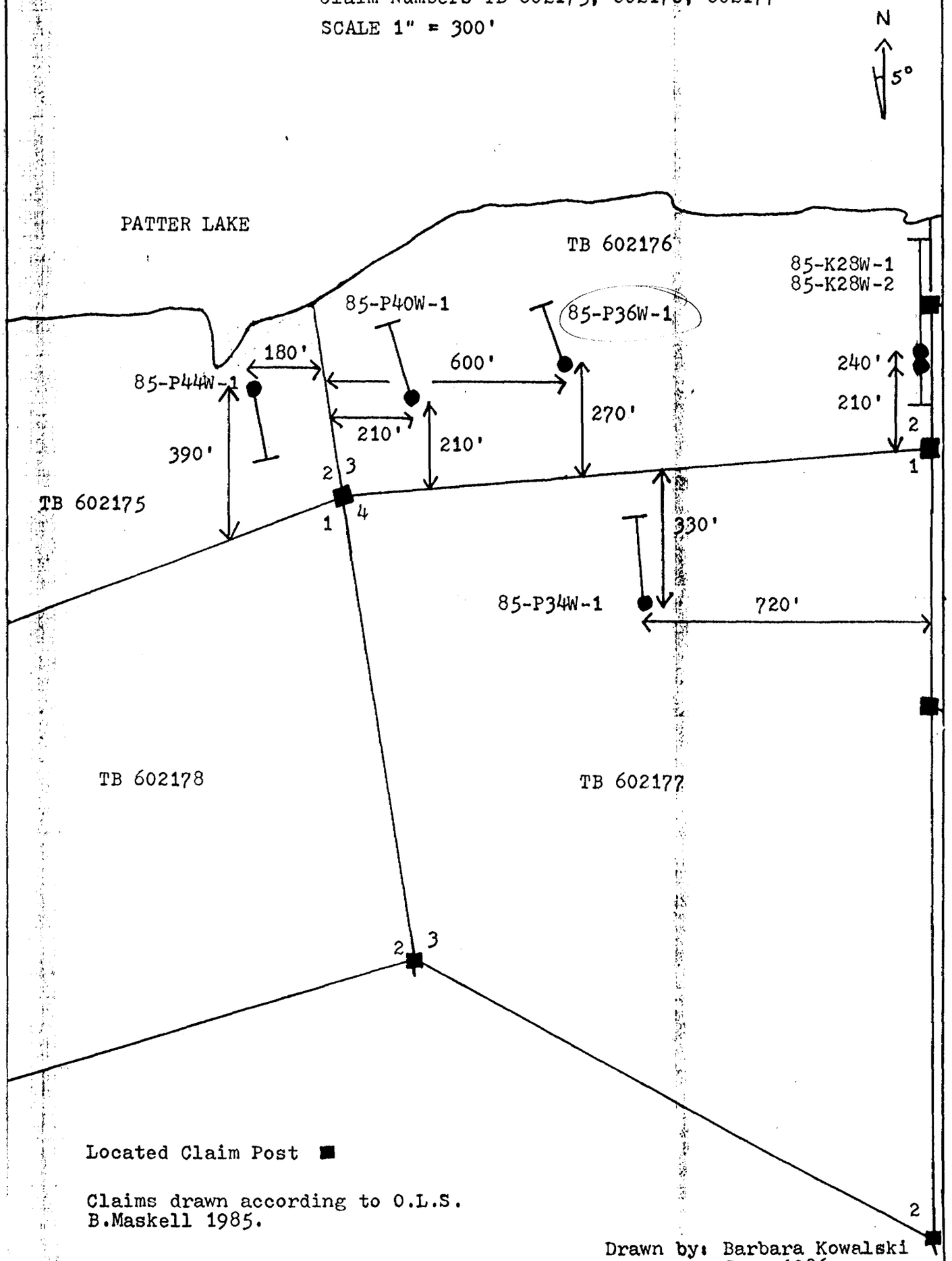
METALORE RESOURCES LIMITED

Location Map of DDH: 85-K28W-1 & 2, 85-P34W-1, 85-P36W-1, 85-P40W-1, 85-P44W-1

Irwin Township, Ontario

Claim Numbers TB 602175, 602176, 602177

SCALE 1" = 300'



Located Claim Post ■

Claims drawn according to O.L.S.
B.Maskell 1985.

Drawn by: Barbara Kowalski
Jan. 1986.

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: PATTER LAKE — Hole No. 85-P36W-1

Latitude: 4+50N — Departure 36+00W — Elevation: — Length: 236' — Core Size BQ-17/16" — Claim No. TB 602176. — Started Sept. 22, 1985

Azimuth: 345° — Dip: -45°

Tropari/Dip Tests:	NONE						

Completed: Sept. 27, 1985

Logged by: BARBARA KOWALSKI BK

Drilled by: MORISSETTE

Purpose: TO TEST CONTACT BETWEEN SEDIMENTS + VOLCANICS.

Hole: 85-P36W-1

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
0.0	14.0	CASING					
14.0	61.0	DIORITE. VERY COARSE-GRAINED, HOMOGENEOUS, MAGNETIC (MAGNETITE). IT IS WEAKLY FRACTURED WITH QTZ-CARB VEINLETS. NO VISIBLE SULPHIDES.					
61.0	91.0	MAFIC VOLCANIC. 61'-75' WELL FOLIATED 35° C/A WITH CRYSTALS OF PLAGIOCLASE FELDSPARS. 75'- HOMOGENEOUS F.G. MAFIC VOLCANIC WITH 2% QTZ-CARB VEINLETS.					
91.0	119.0	DIORITE. MEDIUM-GRAINED, HOMOGENEOUS MODERATELY MAGNETIC. IT IS VERY WEAKLY FRACTURED WITH QTZ-CARB VEINLETS.					
119.0	180.0	MAFIC VOLCANIC. GRADATIONAL CONTACT. DESCRIBED AS 61'-91'. APPROX. 161' GRADATIONAL INCREASE IN QTZ-CARB VEINLETS (INFERS FAULTING) (40%). MINUTE PLAGIOCLASE FELDSPAR CRYSTALS THROUGHOUT.					
180.0	181.0	3" FAULT FOLLOWED BY 9" BULL WHITE QTZ.					
181.0	226.6"	MAFIC SEDIMENT. SHEARED 35-40° TO C/A QTZ-CARB-CHL SCHIST. KINK FOLDS THROUGHOUT. NO VISIBLE SULPHIDES. 1" FAULT 211'. 20-40% SERICITE IN SEDIMENT.					

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: PATTER LAKE

Hole No: 85-P36W-1

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		½" FAULT 217. GRAPHITE 217.6"-218.0					
226.6"	230	PEBBLY SANDSTONE WITH MINUTE JASPER CLASTS THROUGHOUT. IT IS WELL FOLIATED 50° C/A AND IS A HOMOGENEOUS, WEAKLY FRACTURED SECTION. NO SULPHIDES.					
230	236	POLYMICTIC METACONGLOMERATE. CLASTS ARE FELDSPATHIC QTZ AND GRANITIC IN COMPOSITION IS A WELL FOLIATED HOMOGENEOUS GREEN MATRIX. NO VISIBLE SULPHIDES.					
EOH							

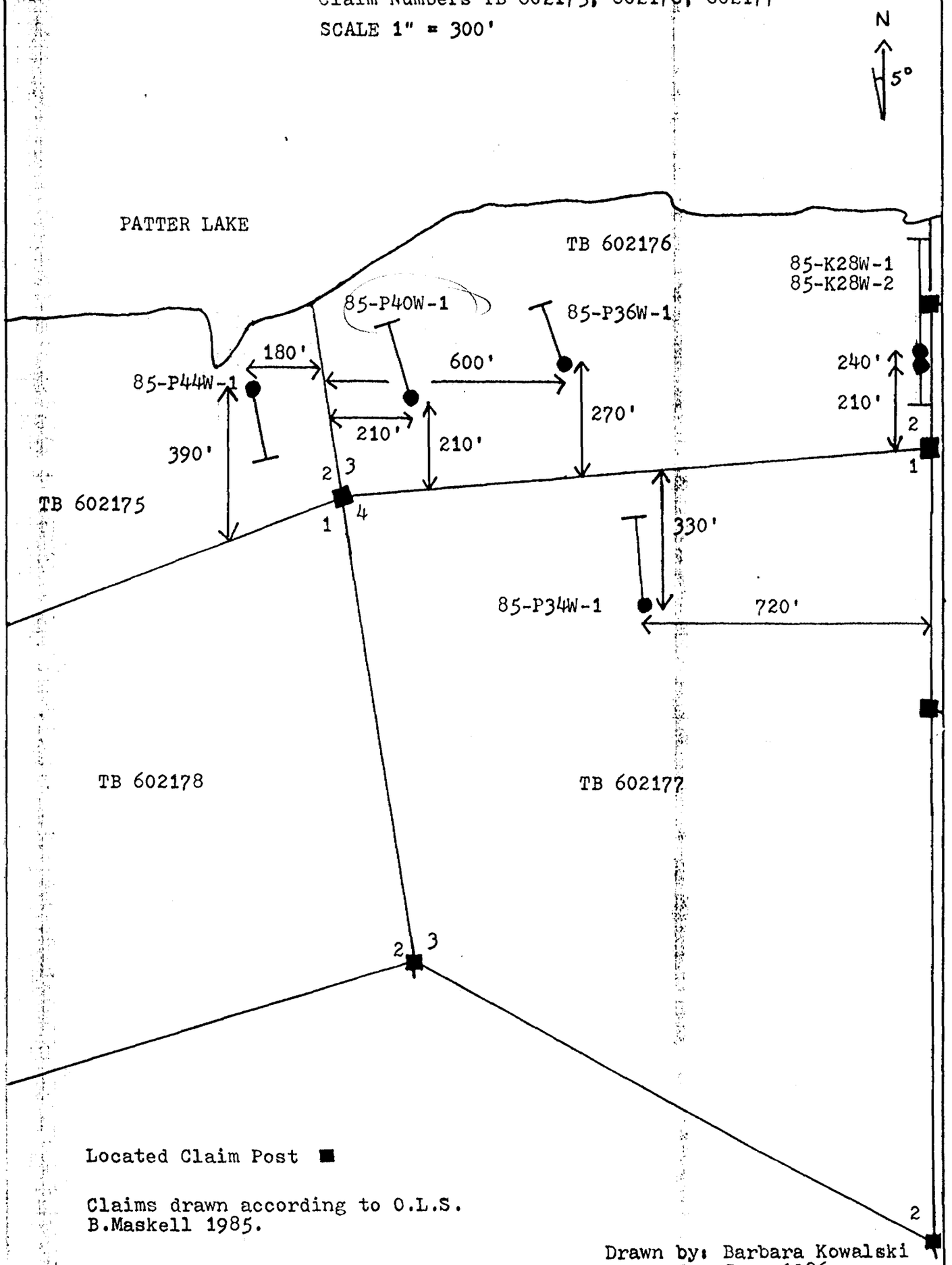
METALORE RESOURCES LIMITED

Location Map of DDH: 85-K28W-1 & 2, 85-P34W-1, 85-P36W-1,
85-P40W-1, 85-P44W-1

Irwin Township, Ontario

Claim Numbers TB 602175, 602176, 602177

SCALE 1" = 300'



Located Claim Post ■

Claims drawn according to O.L.S.
B.Maskell 1985.

Drawn by: Barbara Kowalski
Jan. 1986.

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: PATTER LAKE — Hole No. 85P-40W-1

Latitude: 3+65N — Departure 2.40+00W — Elevation: — Length: 283' — Core Size BQ- 17/16" — Claim No. TB 602176 — Started AUGUST [illegible] 85

Azimuth: 347° — Completed: AUGUST 7, 1985

Dip: -45° — Logged by: BARBARA KOWALSKI BK

Tropari/Dip Tests:	283 / -45°						
Corr Corrected							

Purpose: TO TEST CONTACT BETWEEN MAFICS-SEDIMENTS — Drilled by: MORISSETTE

Hole: 85-P-40W-1

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton.
0.0	10.0	CASING					
10.0	26.5.	CHERT INTERMIXED WITH MAFIC (VOLCANIC?) ROCK: 10.0 - 15.8" MAFIC VOLCANIC WITH QTZ-CARB STRINGERS AND VEINLETS. CHLORITE, SERICITE (<1/4%), AND GREEN MICA (<< 1/4%) STRINGERS AND VEINLETS OCCUR THROUGH THIS SECTION. IN ISOLATED, SCATTERED PLACES MASSIVE VEINLETS (<1/4" IN WIDTH) AS WELL AS DISSEMINATED F.G. TO M.G. Py OCCURS (< 1%). NO ALTERATION (ie. silicification) AND A WEAK FOLIATION OCCURS (30°CA) 15.8" - 19.0 .CHERT: YELLOW-GREEN GRADING TO BRIGHT BROWN-RED (A 17') CHERT. QTZ-CARB (WHITE-TO PINK), CHLORITE, AND THE OCCASSIONAL SERICITIC .STRINGER(S) AND VEINLET(S) OCCUR (<2%). LESS THAN 1% FINELY DISSEMINATED WITH THE OCCASSIONAL MASSIVE Py VEINLET OCCURS. LESS THAN 1/4% SPECULAR HEMATITE NOTED. 19.0 - 21.5" BRIGHT BROWN-RED CHERT. SPECTROMETER READINGS BACK-GROUND 250-300 COUNTS PER MINUTE. LESS THAN 1% QTZ-CARB, CHLORITIC AND OCCASSIONAL SERICITIC VEINLET(S) OCCUR. LESS THAN 1% FINELY DISSEMINATE Py AND SPECULAR HEMATITE VEINLETS OCCUR. 21.5" - 21.7" WHITE QTZ-CARB VEIN. WALLROCK IS MINERALIZED WITH 1% F.G. TO M.G. Py.	10555	19.0	21.5"		TR

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: PATTER LAKE

Hole No: 85-P-40(W)-1

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		21.5" - 24.0 AND 24.0 - 26.5" INTERMIXED CHERT AND MAFIC ROCK. FLESH COLOURED TO YELLOW GREEN MIX CHERT, INTERDIGITATED WITH SLIVERS OF MAFIC ROCK. LESS THAN 1% QTZ-CARBONATE (Fe- + Ca-), CHLORITIC, SERICITIC AND GREEN MICA VEINLETS AND STRINGERS. LESS THAN 1% F.G.- TO C.G.- DISSEMINATED Py. MOST OF THE Py OCCURS IN MAFIC ROCK.					
26.5"	45.0	DIORITE: F.G. TO M.G. DIORITE. MATRIX CONTAINS EPIDOTE <10%, AND <3% AS STRINGERS AND VEINLETS. LESS THAN 2% QTZ-CARB (Fe- AND Ca-) STRINGERS AND VEINLETS OCCUR.					
45.0	47.6"	MAFIC VOLCANIC: GRADATIONAL CONTACT TO ABOVE DIORITE, (WEAKLY FOLIATED 47° C/A). AT 4.6" A 6" HEAVILY Ca-CARBONATED WITH VEINLETS AND 1-1½% F.G. TO M.G. DISSEMINATED Py SECTION.					
47.6"	63.0	METASEDIMENTS: INTERMIXED SEDIMENTS OF A VARIETY OF COMPOSITIONS. SECTIONS APPEAR TO HAVE: A) CREAM-COLOURED FELDSPAR CRYSTALS, B) FLESH, BROWN-RED, YELLOWISH-GREEN CHERT-LIKE MATERIAL, C) SERICITE AND D) MAFIC ROCK.					
		56.5" - 59.7" A 4" BRIGHT BROWNISH-RED CHERT SECTION WITH A MODERATELY WELL FOLIATED WALLROCK (50° C/A). THE WALLROCK CAN BEST BE DESCRIBED AS MODERATELY HARD (4) WITH A PLETHORA OF COLOURS (CHLORITE, SERICITE, GREEN MICA, Ca- + Fe- CARB + OTHER GANGUE MINERALS OF SEDIMENTARY ORIGIN) OCCUR IN <1% PROPORTIONS. 2% F.G. TO C.G. DISSEMINATED TO VEINLETS OF Py IN 4" RED CHERT SECTION. ≤½% SPECULARITE VEINLETS. THE WALLROCK	10556	56.5"	59.7"		TR

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: PATTER LAKE

Hole No: 85-P-40W-1

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		CONTAINS <1% DISSEM. F.G. TO M.G. Py. 59.7" - 63.0 AS WALLROCK DESCRIBED ABOVE WITH < 1/2% DISSEM. Py.					
63.0	152.4"	MAFIC SEDIMENT: IT IS HOMOGENEOUS, GRANULAR IN APPEARANCE WITH < 1% QTZ - CARB STRINGERS AND VEINLETS. WITHIN THIS UNIT ARE <1' CHERT-LIKE MATERIAL (YELLOWISH-GREEN TO BROWNISH-BLACK) WITH << 1/2% DISSEM. Py. 119.0' - 152.4" DEFORMED SEDIMENT. EXTREMELY WELL FOLIATED (35°C/A) WITH KINK FOLDS THROUGHOUT SECTION.					
152.4"	201.6"	MONOLITHIC METACONGLOMERATE + FAULTS					
		152.4" - 156.3" FAULT. IT IS BLACK-WHITE, EX, AND SILICEOUS (HARD) <1% EXTREMELY F.G. DISSEM Py.	10543	152.4"	156.3"		TR
		156.3" - 164 DEFORMED MONOLITHIC METACONGLOMERATE. CLASTS ARE BRECCIATED (QTZ + Ca-FELDSPATHIC CLAST COMPOSITION) WITH CHLORITIC AND SERICITIC VEINLETS IN MATRIX. DOWNHOLE CHLORITE + GREEN MICA PREDOMINATE IN MATRIX.	10544	156.3"	158.3"		0.012
		156.3" - 158.3" AS ABOVE WITH 1% F.G.- TO M.G.- DISSEMINATED PYRITE.					
		164 - 166 INTERMITENT FAULT MATERIAL AS 152.4" - 156.3" AND 156.3" - 164 DEFORMED, POORLY MINERALIZED <1% Py MONOLITHIC METACONGLOMERATE.	10545	164	166		0.002
		166 - 168.4" AS 156.3" - 164 WITH 1% F.G.- TO M.G.- DISSEMINATED PYRITE.	10546	166	168.4"		TR
		168.4" - 173.8" FAULT. IT IS BLACK-WHITE, BRECCIATED, HARD + SILICEOUS. <1% EXTREMELY F.G. DISSEMINATED Py.	10547	168.4"	173.8"		TR

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: PATTER LAKE

Hole No: BS-P-40W-1

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		173.8" - 176.6" + 176.6" - 179.2" WELL FOLIATED 50° C/A, SILICEOUS (30%) WITH CHLORITIC, SERICITIC VEINLETS THROUGHOUT. < 1% F.G. DISSEMINATED Py.	10548	173.8"	176.6"		0.016
			10549	176.6"	179.2"		0.006
		179.2" - 183.2" BLACK + WHITE FAULT WITH SERICITIC VEINLETS THROUGHOUT. < 1% EXTREMELY F.G. Py. DISSEM. THROUGHOUT.	10550	179.2"	183.2"		0.012
		183.2" - 186.1" INTERMIXED 173.8" - 176.6" + 179.2" - 183.2"	10551	183.2"	186.1"		TR
			10554	186.1"	188		0.002
		188.7" - 189 DARK GREY SILICIFIED SECTION WITH <1% EXTREMELY F.G. DISSEMINATED Py.	10552	188.7"	189*		TR
			*SAME				
		189 - 201.6" AS 156.3" - 164	10553	188	189.1*		TR
201.6"	221	SERICITE SCHIST: V. WELL FOLIATED (55° C/A), << ½% CONCENTRATED FINELY DISSEMINATED SULPHIDES. GREYISH-BROWN CARBONATED THROUGHOUT.					
221	283	POLYMICTIC METACONGLOMERATE: GRADATIONAL CONTACT WITH SERICITE SCHIST. CLASTS VARY FROM PEBBLES TO COBBLES, QTZ, FELDSPATHIC, JASPER, MAFIC AND JASPER IN COMPOSITION. MATRIX IS WELL FOLIATED (50° C/A) AND DARK GREEN IN COLOUR.					
EOH							

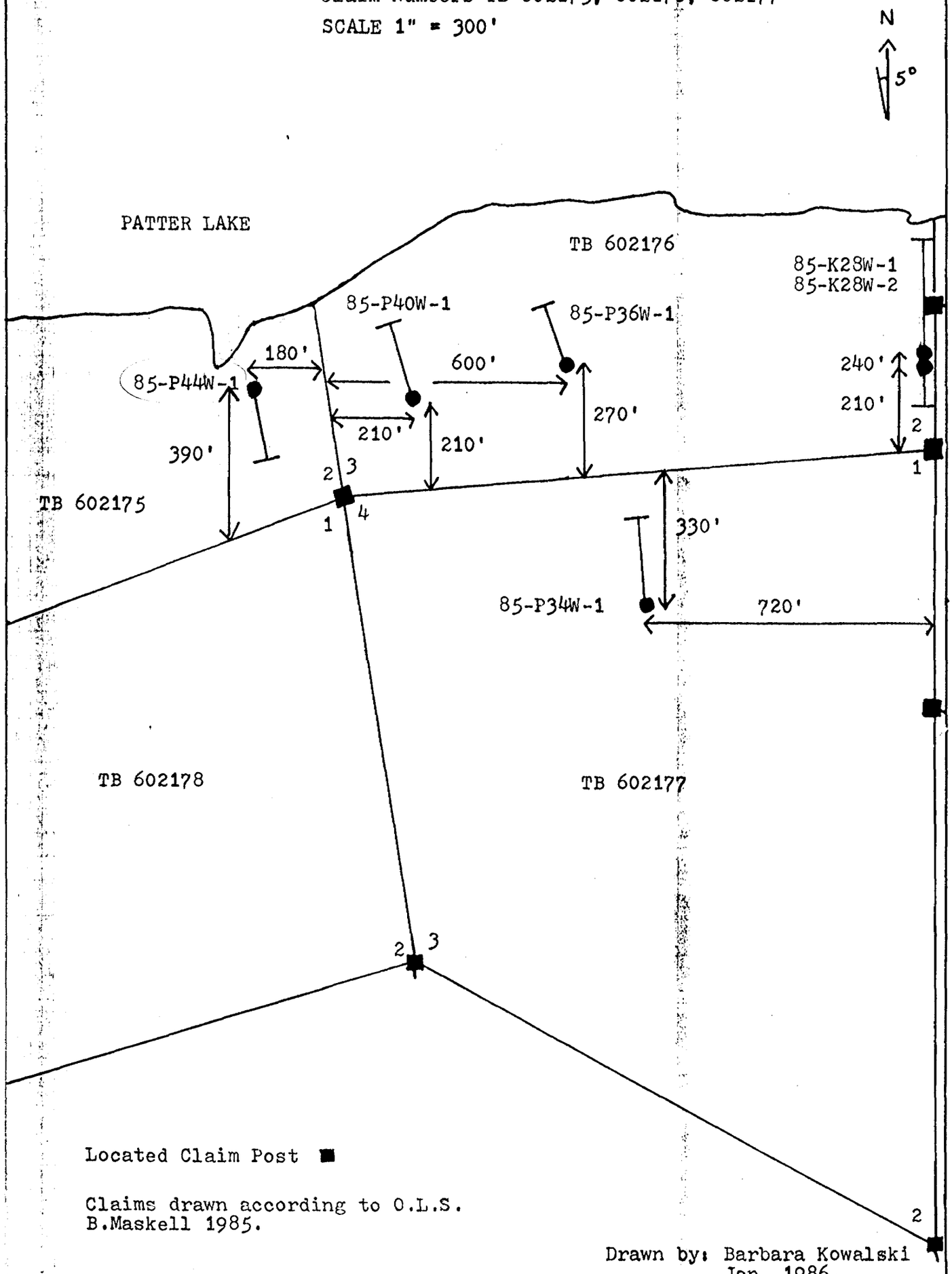
METALORE RESOURCES LIMITED

Location Map of DDH: 85-K28W-1 & 2, 85-P34W-1, 85-P36W-1, 85-P40W-1, 85-P44W-1

Irwin Township, Ontario

Claim Numbers TB 602175, 602176, 602177

SCALE 1" = 300'



Located Claim Post ■

Claims drawn according to O.L.S.
B.Maskell 1985.

Drawn by: Barbara Kowalski
Jan. 1986.

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: PATTER LAKE — Hole No. 85-P44W-1

Latitude: 4+30N — Departure 44+00W — Elevation: — Length: 236' — Core Size BQ - 17/16" — Claim No. TB 602175 — Started Sept. 17, 1985

Azimuth: 170° — Completed: Sept. 21, 1985.

Dip: -45° — Logged by: BARBARA KOWALSKI BK

Tropari/Dip Tests: NONE

Purpose: TO TEST CONTACT BETWEEN MAFICS & SEDIMENTS. — Drilled by: MORISSETTE

Hole: 85 - P44W-1

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
0.0	10.0	CASING					
10.0	51.0	POLYMICTIC METACONGLOMERATE. CLASTS RANGE IN SIZE PEBBLES TO COBBLES AND VARY IN COMPOSITION (FELDSPATHIC, QUARTZ, MAFIC, JASPER) IN A HOMOGENEOUS GREEN MATRIX. AT 46' GRAPHITE AND GREEN MICA OCCURS. LESS THAN 1/2% LOCAL Py.					
51.0	111.0	DEFORMED META CONGLOMERATE FLATTENED QUARTZ-CARBONATE PEBBLES (NO JASPER) IN A WELL FOLIATED MATRIX (60° C/A) 10% SERICITE. AT 65' A 6" WHITE QTZ-COBBLE WITH GREEN MICA. AT 71' 3" FAULT AT 86' DOWNHOLE THERE IS AN INCREASE* (40%) IN PINKISH CARBONATE (SPECTROMETER (K) READINGS 300 COUNTS PER MINUTE [BACKGROUND]) AND A DECREASE IN MAFIC MINERALS IN ~~TRACE~~ SCHIST (60° TO C/A).					
		110.8" - 112.8" QTZ-CARB-CHL SCHIST <5% SERICITE; <1% F.G. Py.	10576	110.8"	112.8"	2.0	0.001
111.0	236.0	MAFIC VOLCANIC. AT 111' A 23" FAULT WITH SHEARED WALLROCK DESCRIBED ABOVE. 112.8" - 113.8" FAULT WITH PLANES OF GREY SILICIF.	10577	112.8"	113.8"	1.0	0.002

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: PATTER LAKE

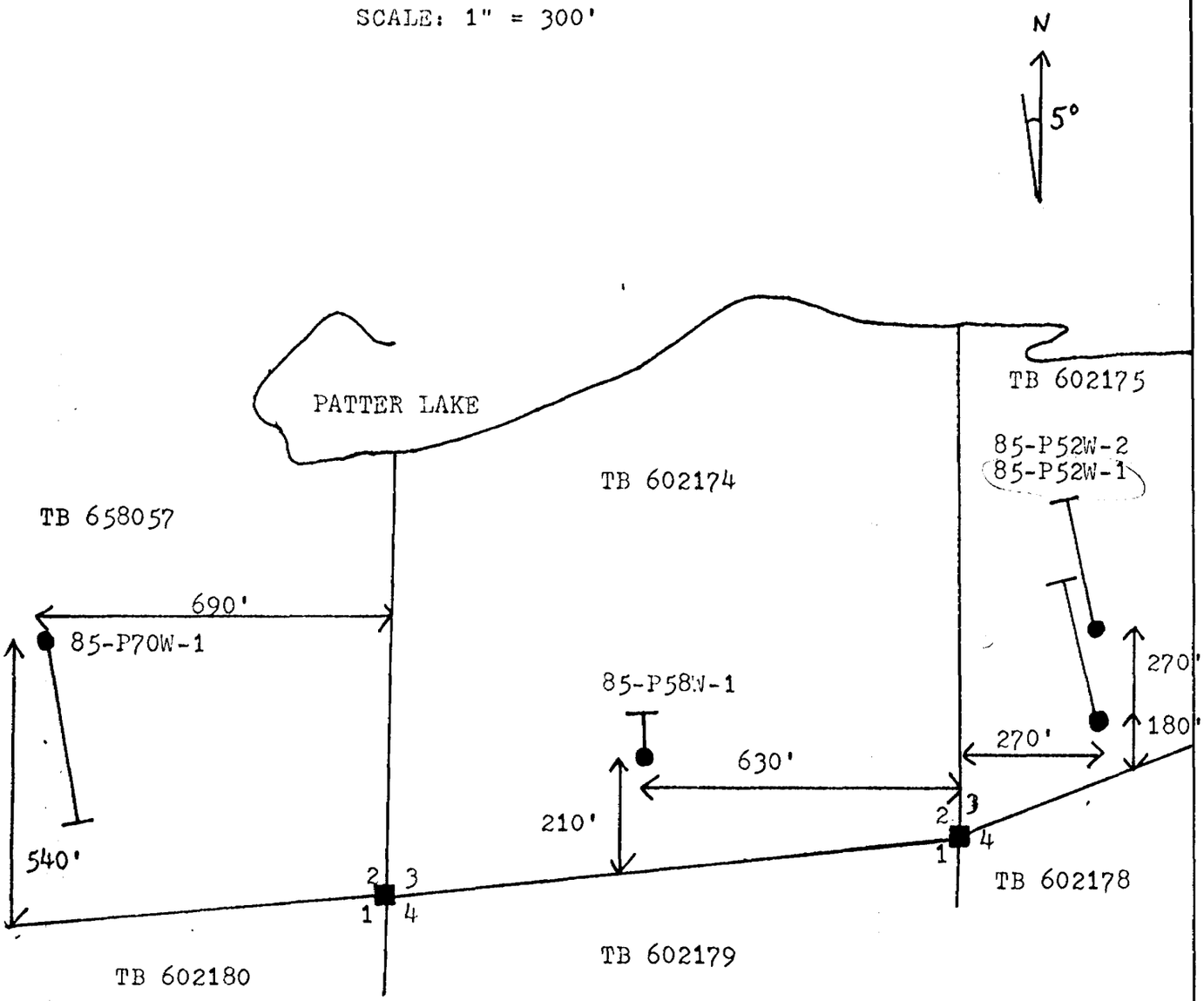
Page No: 4 of

Hole No: 85-P44W-1

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		<½% Py + SPECS OF F.G. Cpy.					
		AT 113.11" A 9" FAULT ACCOMPANIED BY A BARREN WHITE QTZ VEIN.					
		113.8" - 115.0 QTZ-CARB-CHL SCHIST. <1% F.G. Py AS DISSEMINATIONS + VEINLETS.	10578	113.8"	115.0	1.4"	0.006
		116.3" - 118.3" QTZ-CARB-CHL-SER SCHIST <1% F.G. Py AS DISSEMINATIONS + VEINLETS.	10579	116.3"	118.3"	2.0	0.003
		AT 118.2" A 4" FAULT WITH BEIGE CHERT + TRANSLUCENT QTZ STRINGERS.					
		120' DOWNHOLE - DEFORMED HOMOGENEOUS DARK GREEN MAFIC VOLCANIC WITH CRYSTALS OF PLAGIOCLASE FELDSPARS. AT 121.2" - 130.5" PINKISH-ORANGE CHERT WITH HEMATITE MATERIAL (SPECTROMETER READINGS BKGD 300 COUNTS PER MINUTE).					
		162.11" A 2" QTZ VEIN WITH SMOKY SILICIFICATION AND 2% F.G. Py.					
		174-181 - PALE GREEN CHERT INTERMIXED WITH QTZ-CARB PINKISH VEINLETS. WALLROCK PWS.					
		174.6" - 178.0 PALE GREEN CHERT WITH BEIGE BRECCIA FRAGMENTS AND TRANSLUCENT QUARTZ. 1-3% F.G.-M.G. DISSEMINATED Py.	10580	174.6"	178	3.6"	0.001
		178.0 - 180.4" AS 174.6" - 178.0 WITH NO INTERMIXED WALLROCK. 1-3% F.G. DISSEMINATED Py.	10581	178	180.4"	2.4"	0.001
EOH							

METALORE RESOURCES LIMITED

Location Map of DDH: 85-P52W-1 & 2, 85-P58W-1,
85-P70W-1.
Irwin Township, Ontario
Claim Numbers TB 602175, 602174, 658057
SCALE: 1" = 300'



Located Claim Post ■

Claims drawn according to O.L.S.
B. Maskell 1985.

Drawn by: Barbara Kowalski
Jan. 1986

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: PATTER LAKE — Hole No. 85-P-52W-1

Latitude: 2+00S — Departure 52+00W — Elevation: — Length: 355' — Core Size BQ-1 7/16" — Claim No. TB 602175 — Started AUGUST 8, 1985

Azimuth: 347° — Completed: AUGUST 16, 1985

Dip: -43° — Logged by: BARBARA KOWALSKI BK

Tropari/Dip Tests: NONE.

Purpose: TO TEST ① QTZ SHOWING + ② VOLCANIC - CONGLOMERATE CONTACT. — Drilled by: MORISSETTE

Hole: 85-P-52W-1

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
0.0	13.0	CASING					
13.0	75.0	MAFIC VOLCANIC. IT IS MASSIVE, MODERATELY HARD, HOMOGENEOUS IN COMPOSITION. <1% EPIDOTE STRINGERS AND BLEBS. 1% QTZ + Ca-CARB STRINGERS AND VEINLETS. THE OCCASSIONAL <1' SECTION OF HEAVILY CARBONATED VOLCANIC WITH 1% MEDIUM-GRAINED DISSEMINATED Py.					
75.0	76.0	V. COARSE-GRAINED DIORITE. HOMOGENEOUS SLIVER WITH NO VISIBLE SULPHIDES.					
76.0	103.0	MAFIC VOLCANIC. AS DESCRIBED AT 13.0-75.0. AT 80' A 1/4" CRYSTAL OF COCHINEAL-RED CINNABAR OCCURS; GENERALLY <1/2% THROUGHOUT SECTION. MODERATELY MAGNETIC VOLCANIC.					
103.0	115.0	V. COARSE-GRAINED DIORITE. IT IS HOMOGENEOUS WITH 2% EPIDOTE STRINGERS AND BLEBS THROUGHOUT. LESS THAN 1% QTZ-Ca-CARB VEINLETS THROUGHOUT.					
115.0	175.0	MAFIC VOLCANIC AS DESCRIBED AT 13.0-75.0. WEAKLY FOLIATED 40° C/A. WEAKLY MAGNETIC.					
175.0	192.0	DIORITE. GRADATIONAL CONTACT TO A MEDIUM- TO COARSE-GRAINED DIORITE. IT IS DESCRIBED AS 103.0-115.0. IN ADD-					

METALORE RESOURCES LTD. DIAMOND DRILL LOG

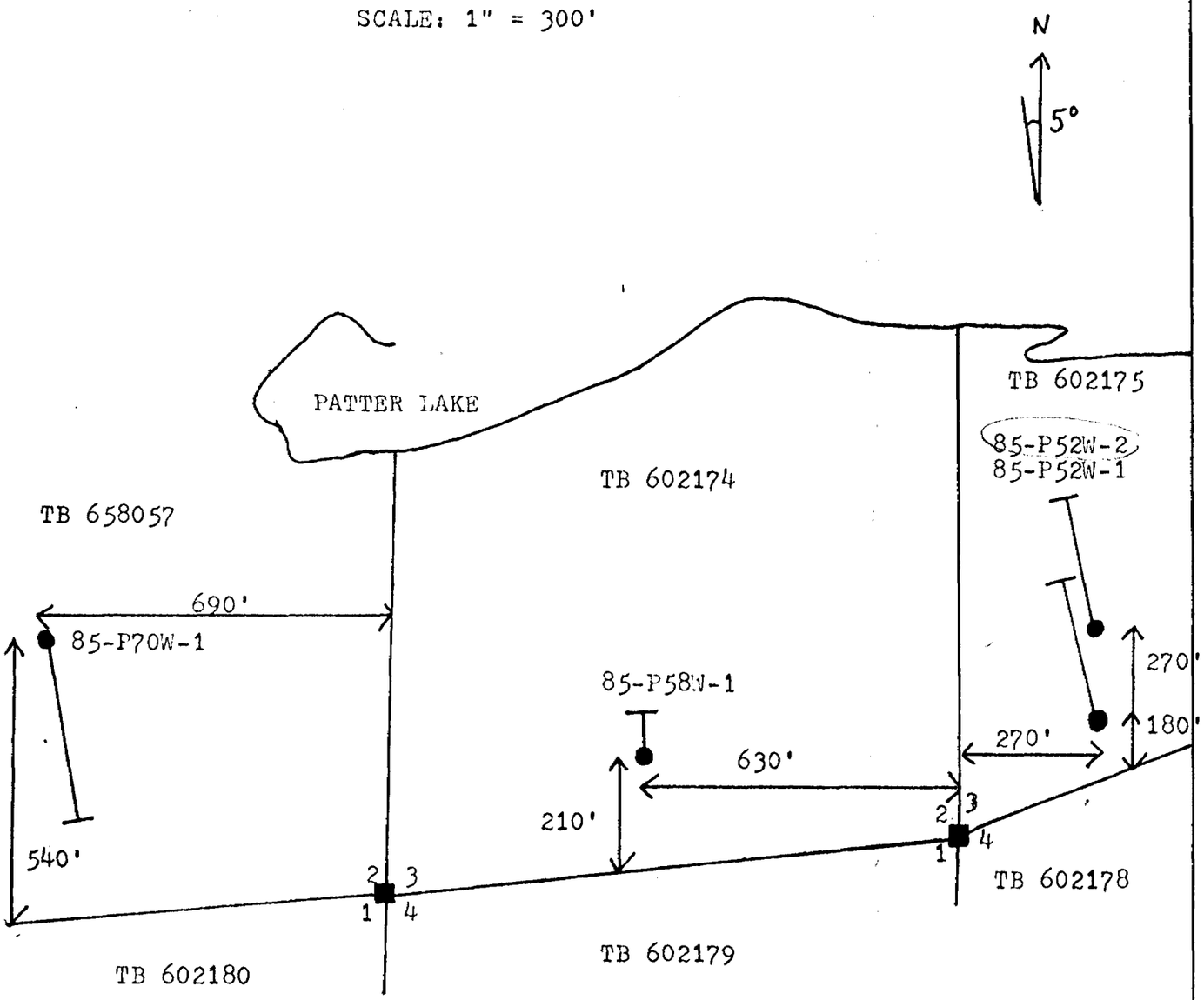
Location: PATTER LAKE

Hole No: 85-P-52W-1

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		ITION IT IS WEAKLY- TO MODERATELY WELL FOLIATED (40°C/A). IT IS WEAKLY MAGNETIC.					
192.0	222.0	MAFIC VOLCANIC, AS DESCRIBED AT 13.0-75.0. IT IS WEAKLY FOLIATED (40°C/A) AND -MAGNETIC. REMNANT PILLOW SELVAGES VISIBLE.					
222.0	228.0	DIORITE. AS DESCRIBED AT 175.0-192.0.					
228.0	232.0	MAFIC VOLCANIC, AS DESCRIBED AT 13.0-75.0.					
232.0	236.0	ALTERED (DIORITE)? VERY F.G. DARK BROWN TO BLACK ALTERED SECTION WITH CRYSTALS OF HORNBLENDE THROUGHOUT. NO SULPHIDES. IT IS WEAKLY- TO NON- MAGNETIC.					
236.0	240.0	DIORITE. MEDIUM-GRAINED AND IS DESCRIBED AS 175.0-192.0.					
240.0	275.0	MAFIC VOLCANIC, AS DESCRIBED AT 13.0-75.0. PILLOW SELVAGES THROUGHOUT. THERE IS AN INCREASE TO 5% QTZ-CARB VEINLETS (WHITE).					
		269.0-275.0 6' MILKY WHITE QTZ VEIN. WALLROCK IS SCHISTOSE WITH Ca- + Fe-CARBONATE AND SERICITE PREDOMINATING. <5% HARD CHERT-LIKE MATERIAL DISPERSED. <1% F.G. Py DISSEMINATED THROUGHOUT.	10570	269.0	272.0	3.0	0.002
275.0	332.0	DIORITE. MEDIUM-GRAINED GRADING TO COARSE-GRAINED DOWNHOLE. IT IS DESCRIBED AS 175.0-192.0. 303.0-319.0 FOLIATION 10° C/A. CRYSTALS <1/8" OF					
332.0 EOH	355.0	PLAGIOCLASE FELDSPARS THROUGHOUT. 332.0 GRADATIONAL CONTACT TO A MAFIC VOLCANIC AS DESCRIBED 13.0-75.0 BUT INCREASE IN FOL. 35°C/A.					

METALORE RESOURCES LIMITED

Location Map of DDH: 85-P52W-1 & 2, 85-P58W-1,
85-P70W-1.
Irwin Township, Ontario
Claim Numbers TB 602175, 602174, 658057
SCALE: 1" = 300'



Located Claim Post ■

Claims drawn according to O.L.S.
B. Maskell 1985.

Drawn by: Barbara Kowalski
Jan. 1986

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: PATTER LAKE — Hole No. 85-P-52W-2

Latitude: 0+34N — Departure 52+00W — Elevation: — Length: 341' — Core Size BQ - 17/16" — Claim No. TB 602175 — Started AUGUST 16, 1985

Azimuth: 345° — Completed: AUGUST 19, 1985.

Dip: -40° — Logged by: BARBARA KOWALSKI BK

Purpose: TO TEST VOLCANIC - CONGLOMERATE CONTACT. — Drilled by: MORISSETTE

Hole: 85-P-52W-2

Tropari/Dip Tests:	340'/-36°						
Cap. Corrected							

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton		
0.0	8.0	CASING.							
8.0	109.0	MAFIC VOLCANIC. IT IS WEAKLY FOLIATED (40° C/A) WITH CHLORITE, EPIDOTE STRINGERS. PILLOW SELVAGES SPARSELY DISTRIBUTED. LESS THAN 3% QTZ-Ca-CARB STRINGERS AND VEINLETS THROUGHOUT.							
		44.6" - 46.0 QTZ VEIN + MINERALIZED WALLROCK. 20-25% SMOKY SILICIFICATION, <1% V.DARK GREEN CHLORITE, <1% V.F.G. TO MEDIUM-GRAINED DISSEMINATED AND MASSIVE STRINGERS OF Py.	10559	44.8"	46.0	1.4"	0.68	0.65	
		88.0 - 109.0 VOLCANIC AS DESCRIBED ABOVE WITH CRYSTALS <1/8" OF PLAGIOCLASE FELDSPAR.							
		105.0 - A 3" MILKY WHITE BULL QTZ VEIN.							
109.0	184'	METASEDIMENT. GRADATIONAL DISAPPEARANCE OF THE CRYSTALS OF PLAGIOCLASE FELDSPARS AND THE APPEARANCE OF INTERMITTENT, <1' SECTIONS, OF CHERT-LIKE MATERIAL.							
		119.6" - 121.6" A PLETHORA OF COLOURS IN THIS HARD SILICEOUS SECTION. LESS THAN 3% GREY SILICIFICATION, <1% TRANSLUCENT QTZ, BEIGE TO PINKISH-SKIN COLOUR CHERT. STRINGERS OF CHLORITE, SERICITE AND GREEN MICA THROUGHOUT. LESS	10557	119.6"	121.6"	2.0	0.005		

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: PATTER LAKE

Hole No: 85-P-52W-2

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton.
		THAN 1% FINELY DISSEMINATED PYRITE. SPECTROMETER READING 300 COUNTS PER MINUTE. (BACKGROUND)	K-				
		121.6" - 123.6"	10558	121.6"	123.6"	2.0	0.005
		CHERT + WALLROCK INTERMIXED. PALE YELLOWISH-GREEN CHERT WITH WEAKLY FOLIATED (40° C/A) MAFIC ROCK. <1% SERICITIC STRINGERS THROUGHOUT. <1/2% COCHINEAL-RED CINNABAR (U.F.G.). <1% FINE-GRAINED DISSEMINATED Py.					
		134' - A 4" MILKY WHITE BULL QTZ WITH V. DARK GREEN CHLORITE (<1%).					
		136' - A 1.8" MILKY WHITE BULL QTZ WITH THE YELLOWISH-GREEN CHERT MATERIAL DESCRIBED AT 121.6"-123.6".					
		DOWNHOLE THERE IS AN INCREASE OF 5% WHITE QTZ-Ca-CARB VEINLETS. (INDICATORY OF A FAULT). A FOLIATION DEVELOPS AT APPROXIMATELY 167' (35 °C/A).					
		AT APPROXIMATELY 180'-184' A DENSE BLACK, SOFT ROCK. IT MAY POSSIBLY BE A GRAPHITIC ZONE WITH 1/4" CHILL MARGINS OR A DYKE?. IT IS NON-MAGNETIC AND IS ORIENTED 145° FROM FOLIATION OF MAFIC ROCK. NO SULPHIDES.					
184	206	DEFORMED AND WEAKLY ALTERED MAFIC VOLCANIC. IT IS WELL FOLIATED 45° C/A, AND MODERATELY BRECCIATED. THE BRECCIATED FRAGMENTS ARE QTZ-CARB. (WHITE). <1/2% IN ISOLATED PLACES VEINLETS OF SERICITE. + GREEN MICA << 1/4% MEDIUM-GRAINED DISSEMINATED Py IN ISOLATED <1" SECTIONS. NO SILICIFICATION IN THIS SECTION.					

METALORE RESOURCES LTD. DIAMOND DRILL LOG

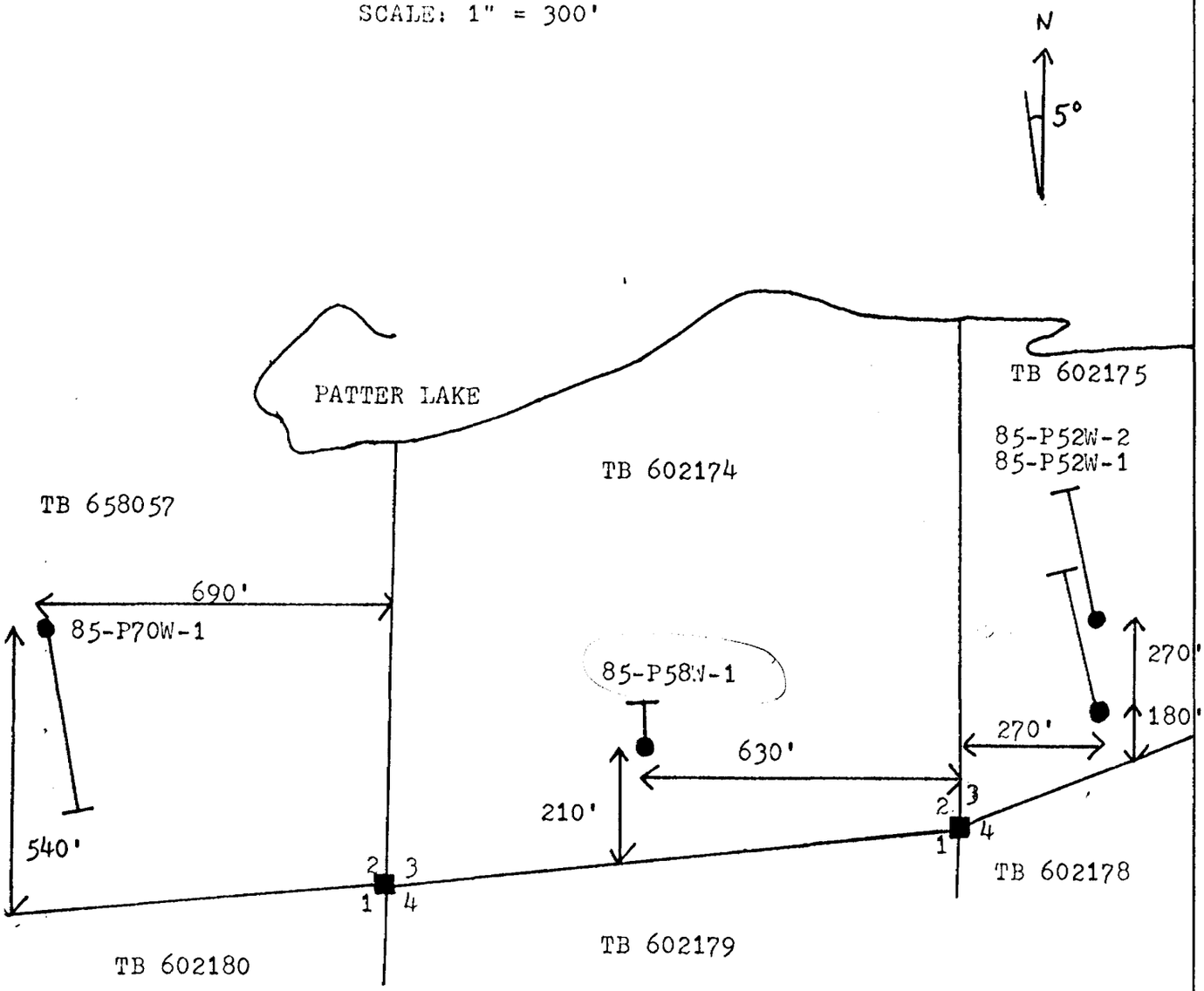
Location: PATTER LAKE

Hole No: 85-P52W-2

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
206	216	DEFORMED AND WEAKLY ALTERED SEDIMENT. IT IS WELL FOLIATED 20° AND 40° C/A, PARTLY BRECCIATED, KINK FOLDS THROUGHOUT. THERE IS AN INCREASE IN CHLORITE WITH 10% SERICITE VEINLETS. QTZ AND Ca-CARBONATE COMPRISE 40% OF SECTION. IT IS VERY POORLY MINERALIZED.					
216	341	POLYMICTIC METACONGLOMERATE. PEBBLES AND COBBLES ARE SPARSELY DISTRIBUTED WITH A GRANULAR MATRIX. (PEBBLY SANDSTONE?). 270' - DOWNHOLE CLASTS ARE NUMEROUS AND RANGE IN COMPOSITION (QTZ, FELDSPATHIC, JASPER (FIRST VISIBLE AT ~275'), GRANITIC AND MAFIC). MATRIX IS WEAKLY FOLIATED IN PLACES (40° C/A) AND IS A HOMOGENEOUS GREEN. < 3% QTZ-CARB (WHITE) VEINLETS THROUGHOUT. THE OCCASSIONAL SULPHIDE CRYSTAL VISIBLE.					
EOH							

METALORE RESOURCES LIMITED

Location Map of DDH: 85-P52W-1 & 2, 85-P58W-1,
85-P70W-1.
Irwin Township, Ontario
Claim Numbers TB 602175, 602174, 658057
SCALE: 1" = 300'



Located Claim Post ■

Claims drawn according to O.L.S.
B. Maskell 1985.

Drawn by: Barbara Kowalski
Jan. 1986

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: PATTER LAKE

Hole No: 85-P-58W-1

Latitude: 0+40S Departure: 58+00W Elevation: _____ Length: 143' Core Size: BQ - 17/16" Claim No.: TB 602174 Started: AUGUST 20, 1985

Azimuth: 358° Tropari/Dip Tests: NONE Completed: AUGUST 21, 1985

Dip: -57° Logged by: BARBARA KOWALSKI BK

Purpose: TO TEST CONTACT BETWEEN POLYMICTIC METACONGLOMERATE + VOLCANICS. Drilled by: MOR ISSETTE

Hole: 85-P-58W-1

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
0.0	6.0	CASING.					
6.0	55.0	DIORITE. MEDIUM- TO COARSE-GRAINED, HOMOGENEOUS, MASSIVE DIORITE. ISOLATED SECTIONS <1' MAGNETITE CRYSTALS DISSEMINATED. LESS THAN 2% QTZ-CARB VEINLETS AND <½% HEMATITE ALONG SLIPPAGE PLANES. CREAM-COLOURED FELDSPARS OCCUR DOWNHOLE ~40' + DIORITE BECOMES FINER-GRAINED WITH A FOLIATION DEVELOPING FROM 40'-55'.					
55.0	72.0	DEFORMED AND ALTERED MAFIC ROCK. THIS SECTION IS MODERATELY-TO WELL- FOLIATED AND SECTION 57-72' IS WELL BRECCIATED, HARD + SILICEOUS. AT 68' A 3" SECTION OF QTZ PLUS SOME GREY SILICIFICATION. THIS ENTIRE SECTION IS DARK-GREEN TO BLACK WITH WHITE QTZ-CARB (BRECCIATED) THROUGHOUT. NO VISIBLE SULPHIDES. <5% SERICITE VEINLETS.					
72.0	123.6"	DEFORMED AND ALTERED SEDIMENT. SHARP CONTACT WITH AN ~~ABRUPT~~ CHANGE IN COLOUR AND HARDNESS OF ROCK. IT IS WELL FOLIATED 20° C/A WITH KINK FOLDS THROUGHOUT. Ca + Fe-CARBONATE PREDOMINATE 50% OF SECTION. <1% Py F.G. + <1% CPy M.G. 81-87' FAULT ROCK. IT IS HARD, SILICEOUS BLACK TO VERY ~~DARK~~ GREEN WITH WHITE QTZ-CARBONATE MATERIAL THAT HAS BEEN BRECCIATED. < ½% SERICITE VEINLETS	10571 10560	73.3" 76.3"	76.3" 80.0	3.0 3.9"	0.005 0.01

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: PATTER LAKE

Hole No: 85P-58W-1

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		87.0 - DOWNHOLE WELL FOLIATED SEDIMENT 20° C/A. 60% Ca+Fe-CARBONATE + 10% SERICITIC VEINLETS. AT 101.4" DOWNHOLE THIS SECTION IS THE SAME BUT WITH <5% DISSEMINATED FINE- TO MEDIUM- GRAINED Py. ALSO THE FIRST FELDSPATHIC PEBBLE OCCURS AT 102 + JASPER CLAST 102.6 (<1/8"). SERICITE 40% THROUGHOUT.	10561	101.4"	104.4"	3.0	0.005
		101.4" - 104.4" DEFORMED + ALTERED POLYMICTIC METACONGLOMERATE. FIRST FELDSPATHIC CLAST AT 102 + FIRST JASPER CLAST 102.6". WELL FOLIATED 20° C/A WITH 5% F.G. DISSEM. + VEINLETS OF Py.					
		104.4" - 108.0 AS 101.4" - 104.4" EXCEPT <1% FINE-GRAINED DISSEMINATED Py.	10562	104.4"	108	3.8"	0.01
		108.0 - 111.6" AS 104.4" - 108.0 <1% F.G. DISSEMINATED Py. THERE IS LESS MAFIC MATERIAL DOWNHOLE.	10563	108	111.6"	3.6"	0.002
		111.6" - 114.6" AS 104.4" - 108.0 EXCEPT 10-15% SERICITE THROUGHOUT. AND <1% F.G. DISSEMINATED Py. GRADING SLOWLY DOWNHOLE TO PEBBLY SST.	10564	111.6"	114.6"	3.0	0.005
		114.6" - 116.6" AS 101.4" - 104.4" EXCEPT THERE IS MORE SERICITE (15%) AND SOME PEBBLY SANDSTONE MATERIAL AND LESS THAN 30% MAFIC ~~rock~~ 5% DISSEMINATED Py.	10565	114.6"	116.6"	2.0	0.02
		116.6" - 118.6" INCREASE IN PEBBLY SANSTONE MATERIAL <1% Py. F.G.	10566	116.6"	118.6"	2.0	0.005
		118.6" - 121.6" PEBBLY SST WITH VIRTUALLY NO CLASTS. 70% SERICITE. 1% F.G. DISSEM. Py.	10567	118.6"	121.6"	3.0	0.005
		121.6" - 123.6" GRADING BACK INTO THE POLYMICTIC METACONGLOMERATE. 5% F.G. DISSEMINATED Py.	10568	121.6"	123.6"	2.0	0.03

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: PATTER LAKE

Hole No: 85-R58(W)-1

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton		
		123.6" - 126.6" AS 121.6" - 123.6"	10569	123.6"	126.6"	3.0		0.01	
123.6"	143	POLYMICTIC METACONGLOMERATE WITH NUMEROUS CLASTS THAT ARE FLATTENED AND MATRIX IS MODERATELY WELL FOLIATED 40° C/A AND A HOMOGENEOUS GREEN IN COLOUR. NO VISIBLE SULPHIDES.							
EOH									

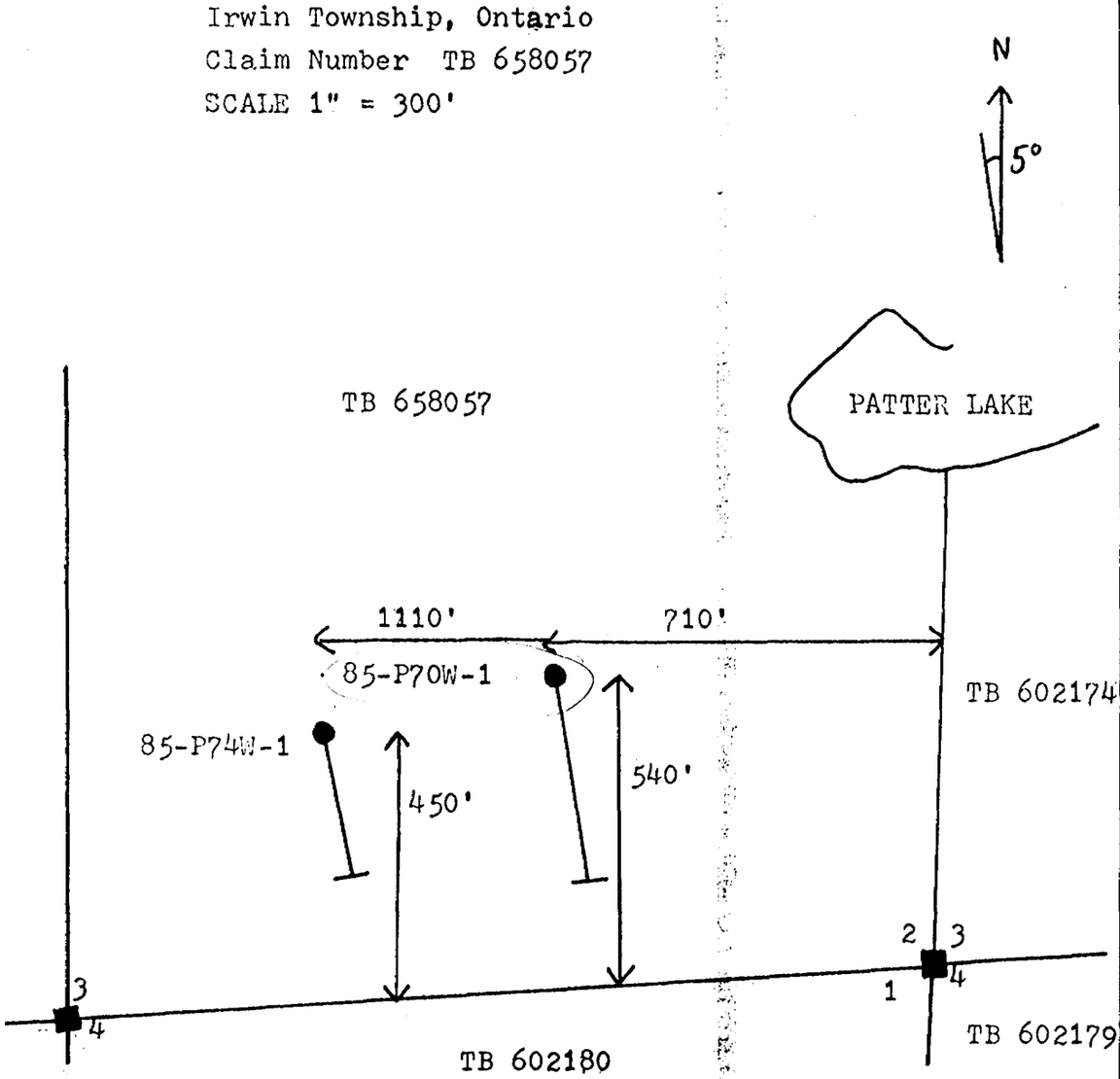
METALORE RESOURCES LIMITED

Location Map of DDH: 85-P70W-1, 85-P74W-1

Irwin Township, Ontario

Claim Number TB 658057

SCALE 1" = 300'



Located Claim Post ■

Claims drawn according to O.L.S.
B. Maskell 1985.

Drawn by: Barbara Kowalski
Jan. 1986

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: PATTER LAKE Hole No. 85-P-70W-1

Latitude: 5790N Departure 7040OW Elevation: _____ Length: 500' Core Size NQ- 17/8" Claim No. TB 658057 Started AUGUST 2[illegible] 1985

Azimuth: 170° Dip: -45°

Tropari/Dip Tests: Cap. Corrected								
	500'/-36°							

Completed: AUGUST 30, 1985

Logged by: BARBARA KOWALSKI BK

Drilled by: MORISSETTE

Purpose: TO TEST CONTACT BETWEEN POLYMICTIC METACONGLOMERATE & VOLCANIC

Hole: 85-P-70W-1

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
0.0	1.6"	CASING.					
1.6"	403	POLYMICTIC METACONGLOMERATE. PEBBLES AND COBBLES ARE FLATTENED AND RANGE IN COMPOSITION: GRANITIC, FELDSPATHIC, JASPER, QTZ, MAFIC (ONE PEBBLE - MAFIC IN COMPOSITION WITH MASSIVE PYRITE VEINLETS 2" ~304'). MATRIX IS A HOMOGENEOUS GREEN WITH WEAK DEFORMATION AND 1% QTZ- Ca-CARBONATE VEINLETS THROUGHOUT. AT ~296' THE ROCK CHANGES COMPOSITION TO A PEBBLY SANDSTONE GRADING TO A WELL FOLIATED CHLORITE-GREEN MICA-SERICITE SCHIST WITH PEBBLES AND COBBLES THROUGHOUT. LESS THAN 1/4% SULPHIDES IN ISOLATED <1" SECTIONS. 323'-324' ENRICHED SECTION WITH HEMATITE BRIGHT ORANGE - TO BRICK RED. ROCK GRADES BACK TO AN ENRICHED SERICITE PEBBLY SANDSTONE. 337'-351' ENRICHED SECTION WITH HEMATITE GRADING TO A HEMATITE CLAY SEAM AT 351'-354'. 354' GRADING DOWNHOLE TO THE POLYMICTIC METACONGLOMERATE DESCRIBED IN THE BEGINNING. LAST CLAST AT 402.6" (JASPER). SPECTROMETER (K) READINGS BACKGROUND 300 COUNTS PER MINUTE.					
403.0	451	MAFIC VOLCANIC. IT IS ALTERED WITH QTZ- AND CARBONATE AND SECTIONS OF WHITE SILICIFICATION DISPERSED THROUGHOUT. IT IS WELL FOLIATED 45° TO C/A WITH CHLORITE AND <4% SERICITE. 442'-443' QTZ VEIN IN A HOMOGENEOUS MAFIC ROCK.	10574	456	458.6"	2.6"	0.001
			10573	458.6"	461	2.6"	0.001
451	463.9"	451' - A 5" WHITE QTZ VEIN MARKS A CONTACT WITH THE	10572	461	463.9"	2.9"	0.002

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: PATTER LAKE

Hole No: 85-P-70W-1

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		ABOVE MAFIC VOLCANIC AND THIS QTZ-CARBONATE-CHLORITE-SERICITE SCHIST. NO SULPHIDES UNTIL 456.6" - 463.9" 1% DISSEMINATED PYRITE THROUGHOUT THE ABOVE QTZ-CARB-CHL-SER SCHIST. (47°C/A). <1/4% GREEN MICA IN ISOLATED PLACES.					
463.9"	500	SHARP CONTACT WITH A MODERATELY FOLIATED HOMOGENEOUS MAFIC VOLCANIC WITH 2% QTZ-Ca-CARB VEINLETS THROUGHOUT.	10575	471.5"	474.5"	3.0	0.001
EOH	"	471.5" - 474.5" A 4" BRIGHT RED HEMATITE ENRICHED CHERT SECTION WITH ALTERED WALLROCK WITH HEMATITE. <1% MEDIUM-GRAINED DISSEMINATED PYRITE. SPECTROMETER K READINGS BACKGROUND 300 COUNTS PER MINUTE.					

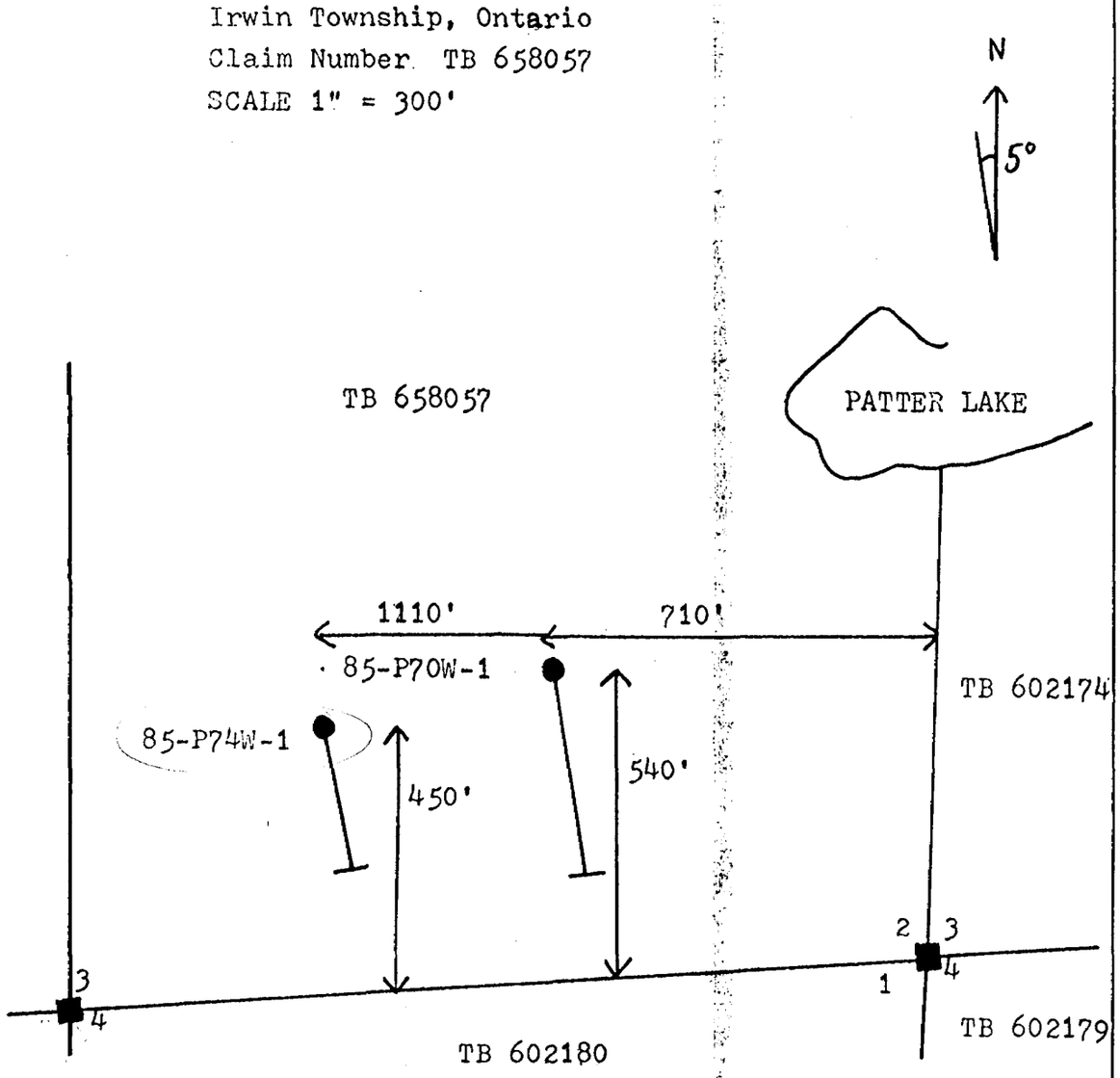
METALORE RESOURCES LIMITED

Location Map of DDH: 85-P70W-1, 85-P74W-1

Irwin Township, Ontario

Claim Number TB 658057

SCALE 1" = 300'



Located Claim Post ■

Claims drawn according to O.L.S.
B. Maskell 1985.

Drawn by: Barbara Kowalski
Jan. 1986

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: PATTER LAKE — Hole No. 85-P74W-1

Latitude: 4+95N — Departure 74+00W — Elevation: — Length: 355' — Core Size NQ - 1 7/8" — Claim No. TB 658057 — Started AUGUST [illegible], 1985

Azimuth: 170° — Dip: -45°

Tropari/Dip Tests: Cap. Corrected							
355'/-41°							

Completed: AUGUST 25, 1985

Logged by: BARBARA KOWALSKI

Drilled by: MORISSETTE

Purpose: TO TEST CONTACT BETWEEN POLYMICTIC METACONGLOMERATE & VOLCANIC.

Hole: 85-P74W-1

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
0.0	14.0	CASING.					no samples taken
14.0	314.0	POLYMICTIC META CONGLOMERATE. CLASTS ARE VARIABLE IN SIZE AND COMPOSITION: PEBBLE TO COBBLE ; QTZ, FELDSPATHIC, GRANITIC, JASPER AND MAFIC. MATRIX IS HOMOGENEOUS, VERY WEAKLY FOLIATED IN PLACES (45° C/A) [LITTLE FLATTENING OF CLASTS WITH THIS FOLIATION] AND GREEN IN COLOUR. AT 223'-262' INTERMITTENT BRIGHT DARK RED HEMATITE OCCURS IN THE CLASTS AND MATRIX. <2% SERICITE FOUND IN THIS SECTION. SPECTROMETER (K) READINGS 300-350 COUNTS PER MINUTE (BACKGROUND). AT 283' THERE IS AN ABRUPT TRANSITION MARKED BY AN EIGHT INCH MILKY WHITE QTZ VEIN. DOWNHOLE THE CLASTS ARE SPARSELY DISTRIBUTED, FEW IN NUMBER AND < 1/2" IN SIZE. THE MATRIX IS MODERATELY FOLIATED (52° C/A) WITH 5-10% SERICITIC MATERIAL THROUGHOUT. NO VISIBLE SULPHIDES.					
314.0	355	A 2' QTZ VEIN MARKS THE CONTACT BETWEEN THE ABOVE SEDIMENTARY UNIT AND THIS MAFIC VOLCANIC.					
EOH		THE MAFIC VOLCANIC IS MASSIVE, HOMOGENEOUS GREEN AND WEAKLY FOLIATED (47° C/A) IN PLACES. THERE IS 4% QTZ-Ca CARBONATE VEINLETS THROUGHOUT. THERE IS A WEAK DEFORMATION (FOLIATION) AND VERY WEAK (COMMON) ALTERATION BEING CHLORITE THROUGH THE MAFIC VOLCANIC. CREAM-COLOURED FELDSPARS OCCUR THROUGHOUT. <<1/2% Py DISSEMINATED THROUGHOUT.					

KNOX GRID - SOUTH - OMEP 1985

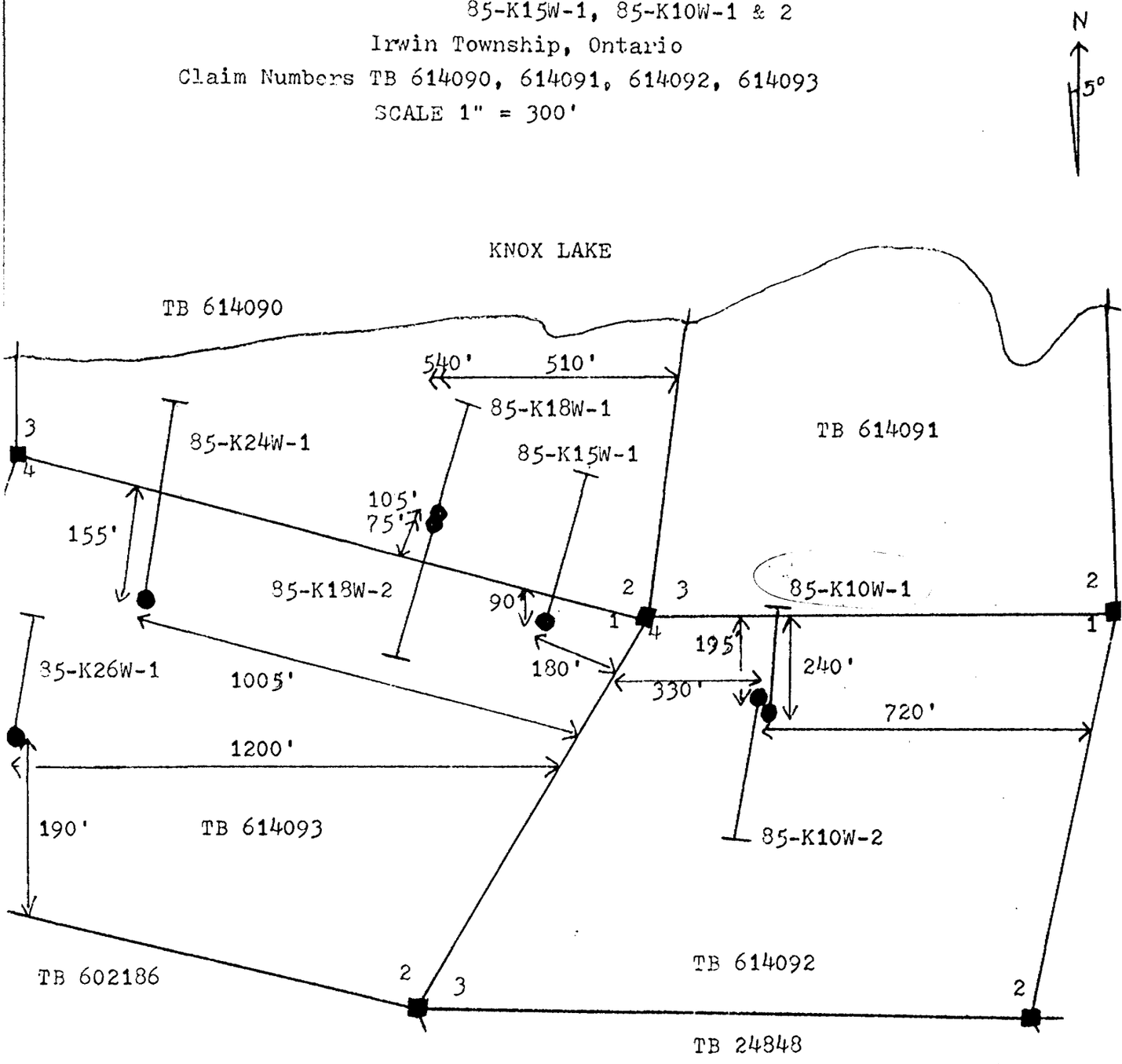
1 copy logs filed for assessment work.

			Size	Started	Ended
1.	85-K10W-1	✓415'	NQ	July 10/85	July 14/85
2.	85-K10W-2	✓301'	NQ	July 15	July 17
3.	85-K15W-1	✓461'	NQ	July 17	July 23
4.	85-K18W-1	✓370'	BQ	July 6	July 8
5.	85-K18W-2	✓301'	BQ	July 8	July 10
6.	85-K26W-1	✓363'	BQ	July 29	July 31
7.	85-K24W-1A	✓602' X	BQ	July 30	Oct 8
8.	85-K24W-1B	✓16', X	BQ	July 30	July 30
9.	85-K28W-1	✓416'	BQ	July 24	July 28
10.	85-K28W-2	~~301'~~ 123'	BQ	July 28	July 29

Total Footage ✓3368'

METALORE RESOURCES LIMITED

Location Map of DDH: 85-K26W-1, 85-K24W-1, 85-K18W-1 &2,
85-K15W-1, 85-K10W-1 & 2
Irwin Township, Ontario
Claim Numbers TB 614090, 614091, 614092, 614093
SCALE 1" = 300'



Located Claim Post ■

Claims drawn according to O.L.S.
B. Maskell 1985.

Drawn by: Barbara Kowalski
Jan. 1986.

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: KNOX LAKE — Hole No. 85K-10W-1

Latitude: 2+16N — Departure 10+56W — Elevation: — Length: 415' — Core Size NQ - 1 7/8" — Claim No. TB 614092 — Started July 10, 1985

Azimuth: 172° — Completed: July 14, 1985.

Dip: -40° — Logged by: BARBARA KOWALSKI BK

Purpose: — Drilled by: MORISSETTE

Hole: 85K-10W-1

Tropari/Dip Tests:							
Cap. Corrected.	410/-33°						

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
0.0	12.0	CASING.					
12.0	19.8"	DIORITE: COARSE-GRAINED, HOMOGENEOUS, DIORITE. FOUR PERCENT EPIDOTE AND QTZ-CARB STRINGERS. LOCALLY, <<1/4% DISSEMINATED PYRITE.					
19.8"	195	MAFIC VOLCANICS: PILLOW SELVAGES THROUGH THIS F.G. MAFIC VOLCANIC. IT IS WEAKLY BRECCIATED WITH <3% QTZ-CARB (WHITE) STRINGERS AND VEINLETS THROUGHOUT. HEMATITE ALONG SLIPPAGE PLANES. THERE IS HARD, BLACK SILICEOUS MATERIAL ISOLATED (OR ASSOCIATED) WITH QTZ-CARB VEINLETS. (<1% MED TO C.G. DISSEM PY). LOCAL CREAM FELDSPAR PHENOCRYSTS OCCUR. AT 31' QTZ-CARB VEINLETS WITH MASSIVE PYRITE VEINLETS (<1/4") AND 1% V.F.G. DISSEMINATED PYRITE.	10324	29.4"	33.0	3.8"	0.004
		166-179.2" HEAVILY MINERALIZED <10% F.G. TO M.G. DISSEM. PY. ROCK IS SOFT AND CARBONATED. BROKEN CORE.	10326	166	168.6"	2.6"	0.008
			10327	168.6"	171.9"	3.3"	0.006
		179.2"-188.4" DARK RED (HEMATITE) TO YELLOW-GREEN (SER + CHLORITE) ALTERATION IN THIS BRECCIATED CHERT. K-ALT > SPECT. READINGS 650 COUNTS PER MINUTE. <1/4% SMOKY SILICIFICATION <3% V.F.G. TO C.G. DISSEMINATED PYRITE.	10328	179.2"	180.8"	1.6"	0.002
			10329	180.8"	183.10"	3.2"	0.012
			10330	183.10"	185	1.2"	TR
			10331	187.2"	188.4"	1.2"	TR
		189-190.6" MAGNETITE PHENOCRYSTS THROUGHOUT.					
195	415	DIORITE: AT 195' SHARP CONTACT WITH C.G. DIORITE. AT THE BEGINNING.					

METALORE RESOURCES LTD. DIAMOND DRILL LOG

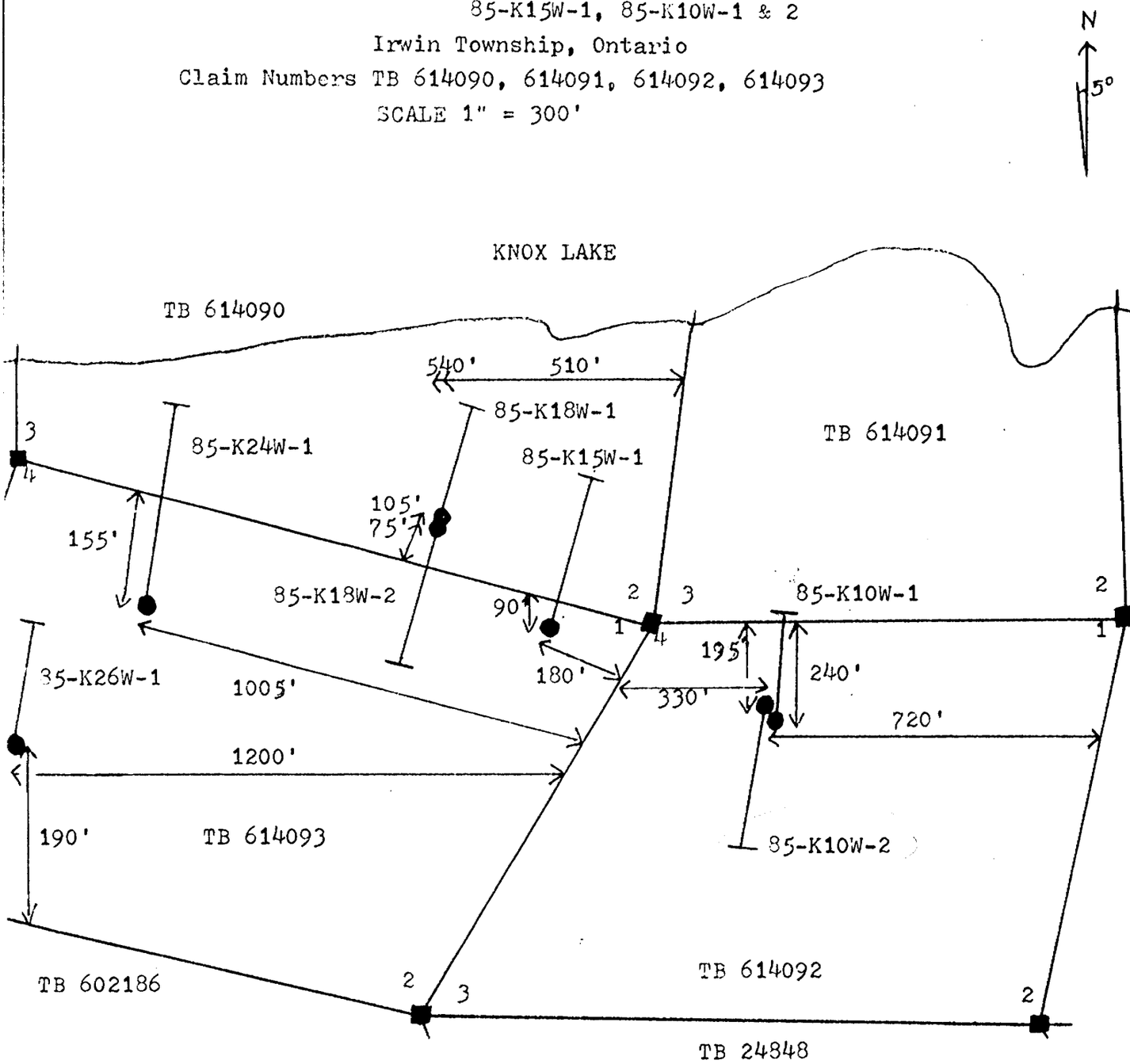
Location: KNOX LAKE

Hole No: 85K-10W-1

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		OF THIS SECTION IS 1' OF FELDSPAR PHENOCRYSTS. THE DIORITE IS HOMOGENEOUS WITH QTZ-CARB AND EPIDOTE VEINLETS THROUGHOUT.					
		237.9" - 238.9" SILICEOUS, HARD, BLACK, CHERT-LIKE MATERIAL <<1/4 % SULPHIDES.					
		244.4" - 261 IN ISOLATED <1' SECTIONS ROCK IS CHERT-LIKE AND BRECCIATED. THE CHERT MATERIAL IS FAINTLY RED TO YELLOW GREEN (<1/2% SERICITE). THERE IS NO K-ALTERATION. <<1/4% SULPHIDES.					
		261 - DOWNHOLE DIORITE IS HEAVILY FRACTURED WITH QTZ-CARB, EPIDOTE AND K-FELDSPAR VEINLETS.					
		234.6 - DOWNHOLE DIORITE BECOMES FINER GRAINED WITH FELDSPAR PHENOCRYSTS.					
		343-343.8" CHERT-LIKE SECTION REDDISH-YELLOW-GREEN <1/4% GREY SILICIFICATION. 1' SEAM IMMEDIATELY ADJACENT. <1/4% EXTREMELY F.G. PYRITE, DISSEMINATED THROUGHOUT.					
		DIORITE IS MEDIUM-GRAINED DOWNHOLE AND IS MODERATELY MAGNETIC.					
EOH	415	380 - 415 COARSE-GRAINED DIORITE WITH MAGNETITE THROUGHOUT.					

METALORE RESOURCES LIMITED

Location Map of DDH: 85-K26W-1, 85-K24W-1, 85-K18W-1 &2,
85-K15W-1, 85-K10W-1 & 2
Irwin Township, Ontario
Claim Numbers TB 614090, 614091, 614092, 614093
SCALE 1" = 300'



Located Claim Post ■

Claims drawn according to O.L.S.
B. Maskell 1985.

Drawn by: Barbara Kowalski
Jan. 1986.

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: KNOX LAKE — Hole No. 85-K-10W-2

Latitude: 1+87N — Departure 10+44 W — Elevation: — Length: 301' — Core Size NQ-1 7/8" — Claim No. 614092 — Started July 15, 1985

Azimuth: 352° — Completed: July 17, 1985

Dip: -40° — Logged by: BARBARA KOWALSKI BK

Tropari/Dip Tests: 301'/-40° — Cap. Corrected:

Purpose: TEST CONGLOMERATE - VOLCANIC CONTACT — Drilled by: MORISSETTE

Hole: 85-K-10W-2

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
0.0	8.0	CASING.					
7.0	78.0	DIORITE: HOMOGENEOUS, MEDIUM-GRAINED DIORITE. EPIDOTE AND QUARTZ STRINGERS THROUGHOUT (1%). AT 65' A WEAK FOLIATION DEVELOPS (63° C/A). AT 70' A PRONOUNCED INCREASE (1' SECTION) OF QTZ. THIS SECTION APPEARS TO HAVE BEEN ONCE A QUARTZ VEIN THAT HAD BEEN SUBSEQUENTLY DEFORMED (BOUDINAGED AND BRECCIATED). << 1/4% DISSEMINATED PYRITE.					
78.0	224.0	MAFIC VOLCANIC: HOMOGENEOUS, FINE-GRAINED MAFIC VOLCANIC. PILLOW SELVAGES THROUGHOUT. THERE ARE ISOLATED (<1' SECTIONS) OF BRECCIATED HEMATITE-QUARTZ SECTIONS WITH <1% FINE- TO MEDIUM-GRAINED PYRITE, <1/2% SPECULAR HEMATITE					
		112.6" - 115 BRECCIATED HEMATITE-QUARTZ-CARBONATE SECTION. LESS THAN 2% FINE- TO MEDIUM-GRAINED PYRITE, SPECULAR HEMATITE. ABUNDANT QTZ-CARBONATE VEINLETS AND STRINGERS INDICATE FAULT-LIKE MATERIAL.	10332	112.6"	115	2.6"	TR
		163'-220' COARSE-GRAINED MAFIC VOLCANIC WITH CRYSTALS OF CREAM-COLOURED FELDSPARS (<1/8").					
		174.8" - 176.4" VERY DARK RED-BROWN (HEMATITE-CARB) WITH QUARTZ AND CHLORITIC VEINLETS THROUGHOUT. THIS SECTION IS BRECCIATED WITH <2% FINE- TO MEDIUM-GRAINED PYRITE	10333	174.8"	176.4"	2.4"	TR
		AND << 1/4% CPY. ALSO, THIS SECTION IS HARD AND SILICEOUS.	10334	183	186.6"	3.6"	TR
		183 - 192.11" - AS 174.8" - 176.4" WITH TRACE Mo.. SPECTR. 650 C.P.M.(R)	10335	186.6"	190.2"	3.6"	TR
		220 - 224 GRDATIONAL CHANGE FROM A MAFIC TO WHAT MAY BE	10336	190.2"	192.11"	2.9"	0.004

METALORE RESOURCES LTD. DIAMOND DRILL LOG Location: KNOX LAKE

Hole No: 85-K-10W-2

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
224.0		CALLED A MONOLITIC CONGLOMERATE. THIS UNIT APPEARS TO BE QUARTZ - PEBBLES IN A CHLORITIC, GREEN MICA, SER. MATRIX. IT IS SCHISTOSE IN APPEARANCE AND MAY POSSIBLY BE INTERPRETED AS QUARTZ MATERIAL THAT HAS SUBSEQUENTLY BEEN BOUDINAGED AND BRECCIATED. SILICIFICATION OCCURS IN ISOLATED SECTIONS (< 70% SMOKY), AND ARE DESCRIBED BELOW.					
		228.7" - 229.2" 80% SILICIFIED (SMOKY + BLACK). CHLORITIC VEINLETS WITH 1% F.G. DISSEMINATED PYRITE AND SPECULAR HEMATITE.	10337	228.7"	229.2"	8"	0.012
		229.2" - 232. WHITE QTZ PEBBLES WITH <30% GREY SILICIFICATION 1% F.G. PYRITE, Mo AND SPECULAR HEMATITE CONCENTRATED WITHIN CHLORITIC - SERICITIC VEINLETS.	10338	229.2'	232	2.10"	0.016
		232 - 234 BRECCIATED, BOUDINAGED QTZ PEBBLES WITH <50% GREY SILICIFICATION. THREE PERCENT F.G. PYRITE (DISSEM.), Mo AND SPECULAR HEMATITE WITHIN CHLORITIC - SERICITIC - VEINLETS.	10339	232	234	2.0	0.008
		234 - 236. IBID. <20% GREY SILICIFICATION. <1% F.G. Py, Mo, Spec. <80% CHLORITE - SERICITE - GREEN MICA VEINLETS.	10340	234	236	2.0	TR
		236 - 238.7" IBID. <50% GREY SILICIFICATION. <3% F.G. Py, Mo, Spec.	10341	236	238.7'	2.7"	0.018
		238.7" - 241.7" IBID. <10% GREY SILICIFICATION. <1% F.G. Py, Mo, Spec.	10342	238.7"	241.7"	3.0	TR
		241.7" - 243.7" IBID.	10343	241.7"	243.7"	2.0	0.002
		243.7" - 245 IBID. <60% GREY SILICIFICATION. <5% F.G. Py, Mo, Spec	10344	243.7"	245	1.5"	0.008

METALORE RESOURCES LTD. DIAMOND DRILL LOG

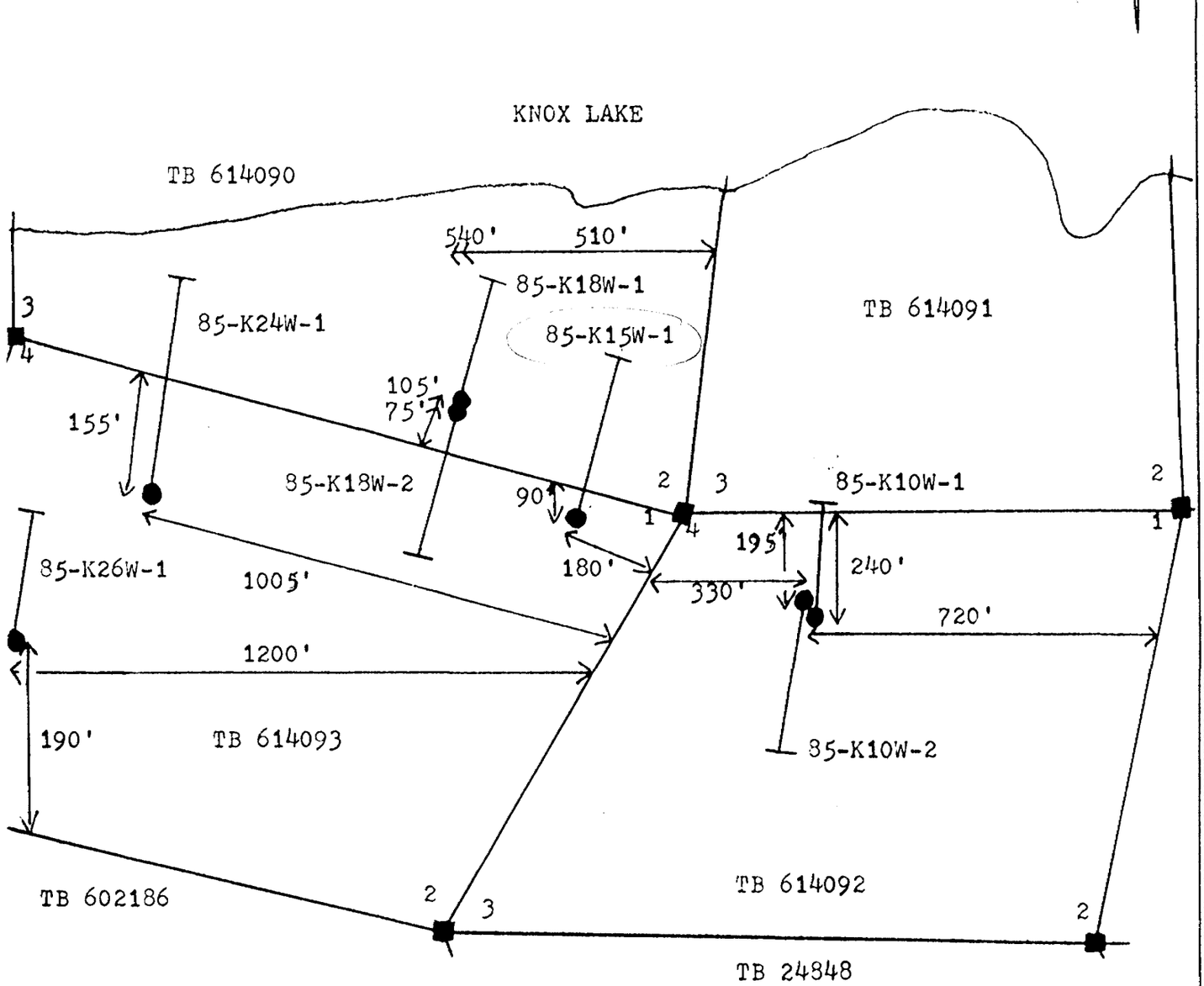
Location: KNOX LAKE

Hole No: 85-K-10W-2

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		245-249 POORLY MINERALIZED BRECCIA WITH >80% CHLORITE CONTENT. BRECCIA FRAGMENTS APPEAR TO BE QUARTZ WITH Ca-CARBONATE.					
		249-251.6" 7" QUARTZ VEIN (MILKY WHITE) WITH CHLORITIC VEINLETS THROUGHOUT. WALLROCK IS HEAVILY MINERALIZED 3-5% WITH DISSEMINATED F.G. PYRITE. THE WALLROCK IS A QTZ-CARB-SERICITE SCHIST (50° C/A).	10345	249	251.6"	7"	0.010
		251.6"-263.9" THIS IS A MIXED SECTION WITH HIGHLY BRECCIATED AND BOUDINAGED FRAGMENTS WITH CHLORITIC MATRIX. INTERMIXED IS A CARBONATE-SERICITE (PALE-BROWN-GREY) SCHIST. << 1/4 % F.G. DISSEMINATED PYRITE OCCURS LOCALLY.					
		263.9"-266.5" SILICIFIED 30% (PALE-GREY) WITH CHLORITIC, SPECULAR HEMATITE VEINLETS. LESS THAN 15% F.G. DISSEMINATED PYRITE.	10346	263.9"	266.5"	2.8"	0.004
		266.5"-275 SHARP CONTACT WITH A QUARTZ-CARBONATE-CHLORITE-K-FELDSPAR-SERICITE SCHIST. QUARTZ IS BRECCIATED. 200-400 COUNTS PER MINUTE (R-SPECT). THE OCCASSIONAL PYRITE CRYSTAL OCCURS THROUGHOUT THIS SECTION. (50° C/A).					
		275-301' GRADATIONAL CONTACT TO A <u>POLYMICTIC METACONGLOMERATE</u> WITH QTZ-FELDSPATHIC-MAFIC AND JASPER PEBBLES. MATRIX IS WELL FOLIATED AND ENRICHED WITH SERICITE, CHLORITE AND MAFIC MINERALS. << 1/4 % PYRITE OCCURS LOCALLY.					
EOH	301'						

METALORE RESOURCES LIMITED

Location Map of DDH: 85-K26W-1, 85-K24W-1, 85-K18W-1 &2,
85-K15W-1, 85-K10W-1 & 2
Irwin Township, Ontario
Claim Numbers TB 614090, 614091, 614092, 614093
SCALE 1" = 300'



Located Claim Post ■

Claims drawn according to O.L.S.
B. Maskell 1985.

Drawn by: Barbara Kowalski
Jan. 1986.

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: KNOX LAKE — Hole No. 85-K15W-1

Latitude: 0+525 — Departure 15+00W — Elevation: — Length: 461' — Core Size NQ-1 7/8" — Claim No. TB 614093 — Started July 18, 1985

Azimuth: 0° — Completed: July 23, 1985

Dip: -40° — Logged by: BARBARA KOWALSKI

Purpose: TO TEST MAGNETICS AND CONTACT BETWEEN VOLCANICS AND CONGLOMERATES. — Drilled by: MORISSETTE

Hole: 85-K15W-1

Tropari/Dip Tests:							
Cap. Corrected	461'/-36°						

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
0.0	6.0	CASING.					
6.0	35.0	MAFIC VOLCANIC: BRECCIATED, PILLOWED MAFIC VOLCANIC. LESS THAN 1% QTZ-CARB STRINGERS (WHITE TO PINKISH). LOCALLY, A SERICITIC VEINLET OCCURS. LOCALLY, <1/4% MED.G. DISSEM. Py OCCURS. WEAKLY MAGNETIC. 33'-35' DEFORMED MAFIC WITH GREY-GREEN-YELLOW CHERT-LIKE MATERIAL NO SULPHIDES.					
35.0	204	DIORITE: SHARP CONTACT WITH A MED.G. DIORITE WITH CREAM-COLOURED CRYSTALS OF FELDSPARS. EPIDOTE VEINLETS AND HEMATITE ALONG SLIP PLANES OCCUR 84' => 2' SEAM. DIORITE IS MOD. MAGNETIC. 108'-109' BROWNISH-RED HEMATITIC ALTERATION WITH SPECULAR HEMATITE VEINLETS. NO SULPHIDES. NO SPECTROMETER ANOMALY. 175'-200' C.G. DIORITE. 200'-201.9" BARREN MILKY QTZ VEIN WITH CHLORITIC VEINLETS. 204' GRADATIONAL CONTACT TO MAFIC VOLCANIC					
204	444.1"	VOLCANIC: GRADATIONAL CONTACT TO A BRECCIATED, PILLOWED MAFIC VOLCANIC. 225'-228.6" GREY-GREEN CHERT WITH <1% FINE- TO C.G. Py OCCURING LOCALLY. SERICITE OCCURS AS VEINLETS THROUGHOUT. 228.6"-232 WELL FOLIATED 50° C/A. CHERT-LIKE MATERIAL AS 225'-228.6". <1% FINE- TO COARSE- GRAINED DISSEM. Py. QTZ-CARB VEINLETS INCREASE TO 5% DOWNHOLE (THIS SUGGESTS FAULTING).	10348	225	228.6"	3.6"	0.002
			10349	228.6"	232	3.6"	TR

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: KNOX LAKE

Hole No: X5-K15W-1

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		268 - 271.6" BRECCIATED, CARBONATED (Fe), CHLORITIC VEINLETS THROUGHOUT. LESS THAN 2% FINE- TO COARSE-GRAINED Py DISSEM. 271.6" ⇒ WELL FOLIATED 50° C/A WITH CREAM-COLOURED FELDSPAR CRYSTALS. LOCALLY, GREEN MICA VEINLETS OCCUR.	10350	268	271.6"	3.6"	TR
		354.6" - 358.4" ⇒ 9" MILKY QTZ VEIN WITH MINERALIZED CHLORITIC VEINLETS. WALLROCK IS BRECCIATED WITH HEMATITE (NO SPECT. ANOMALY) AND Fe- AND Ca- CARBONATED. LESS THAN 10% FINE- TO MEDIUM-GRAINED DISSEMINATED PYRITE AND MASSIVE VEINLETS OF Py OCCURS. <1% DISSEM. CPY.; <1% SPECULAR HEMATITE.	10351	354.6"	358.4"	3.10"	TR
		368 - 394 BLOCKY GROUND.					
		392 - 404 INTENSE QTZ-CARB VEINING AND BRECCIATION.					
		401 - 402.6" PINK - CARBONATED - BRECCIA. CHLORITIC, SERICITIC VEINLETS THROUGHOUT. LESS THAN 1% FINELY-DISSEMINATED PYRITE THROUGHOUT.	10352	401	402.6"	1.6"	TR
		404 - 406 HARD, SILICEOUS BLACK FAULT WITH WHITE QTZ MATERIAL THROUGHOUT. (BRECCIATED AND VEINLETS).					
		406 - 407 WELL FOLIATED SILICEOUS SCHIST. CHLORITIC, SERICITIC AND GREEN MICA VEINLETS THROUGHOUT. MODERATELY BRECCIATED. <<1/4% SULPHIDES.					
		407 - 407.10" HARD, SILICEOUS FAULT AS 404-406.					
		407.10" - 410.6" QTZ-CARB-CHLORITE-SERICITE SCHIST. <1/2% FINELY DISSEMINATED PYRITE.	10353	407.10	410.6"	2.8"	TR
		410.6" - 419 AS 407.10" - 410.6" BUT NO SULPHIDES.					
		419 - 422 AS 407.10" - 410.6"	10354	419	422	3.0	0.002

METALORE RESOURCES LTD. DIAMOND DRILL LOG

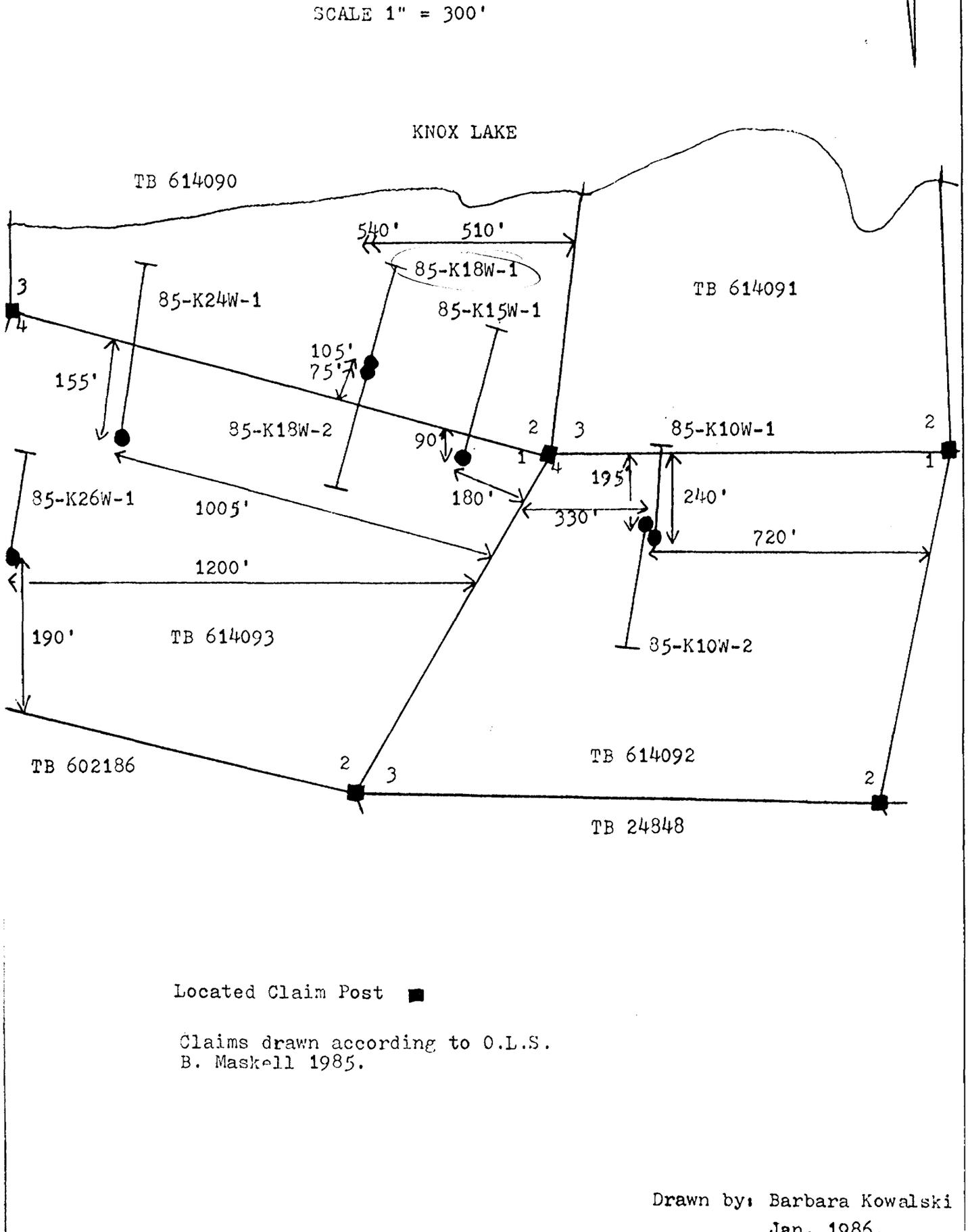
Location: KNOX LAKE

Hole No: 85-K15W-1

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		422-436 HARD, SILICEOUS BLACK FAULT WITH WHITE QTZ VEINLETS THROUGHOUT.					
		436-442.8" QTZ-CARB-SERICITE-SCHIST. QTZ-CARB HAVE BEEN BOUDINAGED AND BRECCIATED. 442.0-442.8" <1% FINELY DISSEMINATED PYRITE.					
		442.8"-444.1" HARD, SILICEOUS BLACK FAULT WITH WHITE QTZ VEINLETS BRECCIATED THROUGHOUT.					
444.1"	461	POLYMICTIC METACONGLOMERATE:					
"	"	444.1"-461 THIS APPEARS TO BE THE CONTACT WITH POLYMICTIC METACONGLOMERATE. PEBBLES HAVE BEEN BOUDINAGED AND BRECCIATED.					
EOH		FIRST JASPER VISIBLE AT 459. OTHER PEBBLE-COBBLE COMPOSITIONS INCLUDED GRANITIC, FELDSPATHIC, QUARTZ AND MAFIC. THE MATRIX IS MEDIUM-GREEN IN COLOUR					

METALORE RESOURCES LIMITED

Location Map of DDH: 85-K26W-1, 85-K24W-1, 85-K18W-1 &2,
85-K15W-1, 85-K10W-1 & 2
Irwin Township, Ontario
Claim Numbers TB 614090, 614091, 614092, 614093
SCALE 1" = 300'



Located Claim Post ■

Claims drawn according to O.L.S.
B. Maskell 1985.

Drawn by: Barbara Kowalski
Jan. 1986.

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: KNOX LAKE

Hole No: 85-K-18W-1

Latitude: 0+94N | Departure: 18+00W | Elevation: | Length: 370' | Core Size: BQ 17/16" | Claim No.: TB 614090 | Started: JULY 7, 1985

Azimuth: 0° | Dip: -45°

Tropari/Dip Tests: Cap. Corrected							
	310'/-34°						

Completed: JULY 8, 1985.

Logged by: BARBARA KOWALSKI BK

Drilled by: MORISSETTE

Purpose: TEST MAFIC-CONGLOMERATE CONTACT FOR ALTERATIONS AND MINERALIZATION

Hole: 85-K-18W-1

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
0.0	12.0	CASING					
6.0	100	COARSE-GRAINED, HOMOGENEOUS DIORITE. EPIDOTE PRESENT IN MATRIX. AT 42.6" TO 54.0 THIS COARSE-GRAINED DIORITE GRADES TO A VERY WEAKLY FOLIATED, FINE-GRAINED MAFIC ROCK. CREAM-COLOURED FELDSPAR CRYSTALS (<1/8") OCCUR HERE AND AT 75.0'-85.6" AT THE LATTER FOOTAGE, WHERE FELDSPAR LATHS OCCUR, DIORITIC TEXTURE IS RETAINED. LESS THAN 1% PINKISH TO WHITE QTZ-CARB VEINLETS AND < 1% COARSE-GRAINED PYRITE. MODER MAG. 85.6"-97.0: AS 42.6"-54.0 (IN ISOLATED 3-5" SECTIONS), SAME AS 75-85.6'					
		97.0-100: FINE-GRAINED MAFIC VOLCANIC: MODERATELY FOLIATED 40° TO CORE AXIS AND <1% PINKISH TO WHITE QTZ-CARB STRINGERS.					
100	113.6"	RAZOR SHARP CONTACT WITH BRECCIATED CARBONACEOUS CHERT. THE CHERT IS BEIGE TO GREENISH-BEIGE-YELLOW. INTERMIXED WITH THE CHERT ARE SECTIONS OF SERICITE+QTZ+MAFIC ROCK (FOLIATION 48° TO C/A). LESS THAN 1/2% MEDIUM-GRAINED DISSEMINATED PYRITE.					
113.6"	238	GRADATIONAL CONTACT TO A VERY WELL FOLIATED MAFIC VOLCANIC (50° C/A). FIVE PERCENT QTZ-CARB VEINLETS (WHITE TO PINKISH) PRESENT. PILLOW SELVAGES ARE PRESENT AS REMNANTS DUE TO DEFORMATION. 167.0- MAFIC ROCK BECOMES GRANULAR IN APPEARANCE WITH CREAM-COLOURED FELDSPAR CRYSTALS << 1/8" THROUGHOUT.					

METALORE RESOURCES LTD. DIAMOND DRILL LOG Location: KNOX LAKE Hole No: K-18W-1

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		202.6" - 203. SILICEOUS, HARD WHITE QTZ INTERMIXED INTENSELY WITH MAFIC ROCK + SPECULARITE VEINLETS.					
		206 - 207. QTZ VEIN IS MILKY WHITE WITH < 1% GREY SILICIFICATION. HEMATITE, CHLORITE OCCUR AS VEINLETS WITHIN QTZ VEIN AND IN BRECCIATED WALLROCK. LESS THAN 1% FINE- TO COARSE-GRAINED PYRITE IN QTZ VEIN (DISSEMINATED AND IN VEINLETS) AND 3% FINE-GRAINED DISSEMINATED PYRITE IN BRECCIATED, SILICIFIED (2% GREY IN COLOUR) WALLROCK.	10801 10802	206 206.6"	206.6" 207	0.6" 0.6"	0.014 0.004
		208.4" - 238 INTENSELY DEFORMED (FOLIATED AND BRECCIATED) MAFIC VOLCANIC DOWNHOLE. 65° C/A					
238	256	CONGLOMERATE: ROCK CHANGES APPEARANCE TO A HIGHLY SHEARED BRECCIATED ROCK WITH CHLORITE AND SERICITIC VEINLETS. BRECCIA FRAGMENTS ARE BEIGE IN COLOUR, AS OPPOSED TO WHITE AS AT 208.4" - 238. THE FIRST PEBBLE APPEARS AT 243.6". PEBBLES ARE BRECCIATED WITH CHLORITE, FUCHSITE AND SERICITE IN SHEARED MATRIX. <1% F.G. Py, <5% Spec + Mo					
		256 - 266 GROUND CORE					
266	276.7"	266 - 274 AS MAFIC VOLCANIC DESCRIBED AT 113.6" - 238.					
		274.7" - 276.7" SIXTY PERCENT SILICIFIED (SMOKY-GREY) WITH CHLORITIC (4%), SERICITIC (1%) VEINLETS. ONE TO TWO PERCENT FINELY DISSEMINATED PYRITE IN VEINLETS AND PARTLY IN SILICEOUS MATERIAL.	WALLROCK 10804 10803 WALLROCK 10805	273.1" 274.7" 276.7"	274.7" 276.7" 278	1.6" 2.0 1.5"	0.010 0.022 0.002
		276.5" - 276.7" 2" FAULT. IT IS BLACK (HARD, SILICEOUS) WITH WHITE QTZ VEINLETS THROUGHOUT.					
276.7"		AS CONGLOMERATE DESCRIBED AT 238 - 256. FIRST PEBBLE AT 285.					

METALORE RESOURCES LTD. DIAMOND DRILL LOG

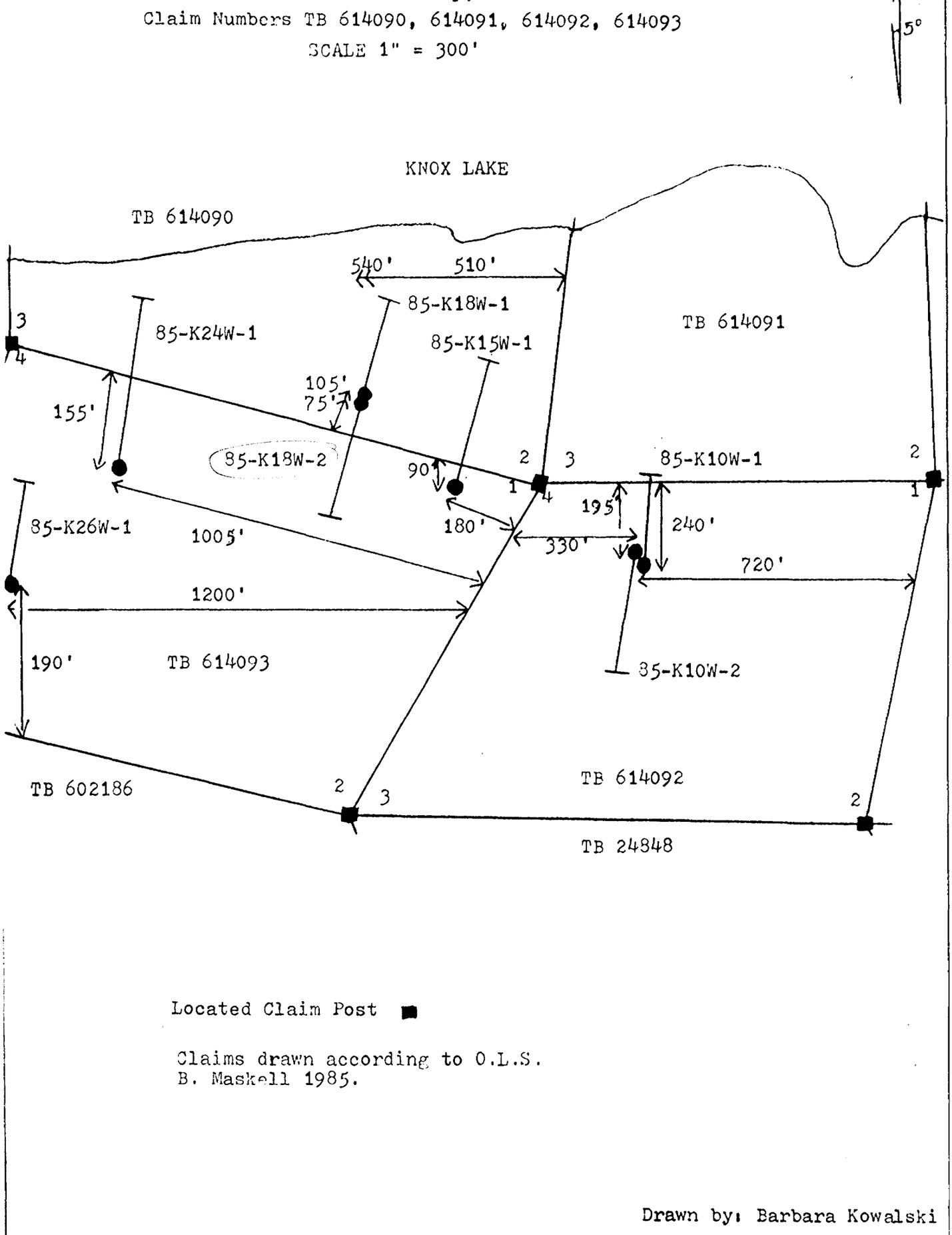
Location: KNOX LAKE

Hole No: K-18W-1

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton.
	370	POLYMICTIC METACONGLOMERATE WITH CLASTS RANGING FROM PEBBLES TO COBBLES. THE COMPOSITION OF THIS BASAL CONGLOMERATIC CLASTS ARE JASPER, FELDSPHATHIC, GRANITIC, MAFIC AND QUARTZ. MATRIX IS GRANULAR IN APPEARANCE LOCALLY, BUT GENERALLY WELL FOLIATED. LESS THAN 1/4% DISSEMINATED PYRITE.					
	EOH						

METALORE RESOURCES LIMITED

Location Map of DDH: 85-K26W-1, 85-K24W-1, 85-K18W-1 &2,
85-K15W-1, 85-K10W-1 & 2
Irwin Township, Ontario
Claim Numbers TB 614090, 614091, 614092, 614093
SCALE 1" = 300'



Located Claim Post ■

Claims drawn according to O.L.S.
B. Maskell 1985.

Drawn by: Barbara Kowalski
Jan. 1986.

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: KNOX LAKE — Hole No. 85-K-18W-2

Latitude: 0+87N — Departure 18+00W — Elevation: — Length: 301' — Core Size BQ - 1 7/16" — Claim No. TB 614090 — Started JULY 8, 1985.

Azimuth: 180° — Completed: JULY 10, 1985.

Dip: -40° — Logged by: BARBARA KOWALSKI BK

Purpose: TEST MAGNETIC ANOMALY, AND INTERSECT CHERT HORIZON. — Drilled by: MORISSETTE

Hole: 85-K-18W-2

Tropari/Dip Tests:							
Cap. Corrected	301'/-38°						

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton.
0.0	12.0	CASING.					
12.0	192.4"	DIORITE: COARSE-GRAINED, MODERATELY MAGNETIC DIORITE. EPIDOTE AND QTZ-CARB STRINGERS THROUGHOUT (2%). < 1/2% C.GRAINED PYRITE. DIORITE IS MASSIVE, HOMOGENEOUS. 30' - 45' FINE-GRAINED, BRECCIATED MAFIC ROCK. <1% MEDIUM TO COARSE-GRAINED DISSEMINATED PYRITE (LOCALLY). 45' - 150' MEDIUM- TO COARSE-GRAINED DIORITE. LOCALLY, CRYSTALS (<1/8") OF FELDSPARS OCCUR THROUGHOUT. EPIDOTE HEMATITE + QTZ-CARB STRINGERS (2%) THROUGHOUT. LOCALLY ALONG QTZ-CARB STRINGERS 1% FINE- TO MEDIUM-GRAINED DISSEMINATED PYRITE OCCURS. 150' - 178.8" STRONGLY MAGNETIC DIORITE WITH CRYSTALS OF MAGNETITE (LOCALLY 5%, GENERALLY 1%).	10320	149.1"	150.9"	1.8"	0.042
		178.8" - 180.3" CARBONACEOUS CHERT. (REDDISH-BROWN TO YELLOWISH-GREEN (FUCHSITE) IN COLOUR). NON-MAGNETIC. LOCALLY 4% FINE- TO MEDIUM-GRAINED PYRITE.	10316	178.8"	180.3"	1.7"	0.016
		180.3" - 192.4" MEDIUM-GRAINED, MOD. MAGNETIC DIORITE. 187.6" - 190.6" FAINT BRICK-RED ALTERATION WITH QTZ EYES. << 1/4% MEDIUM-GRAINED PYRITE.					

METALORE RESOURCES LTD. DIAMOND DRILL LOG

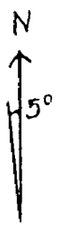
Location: KNOX LAKE

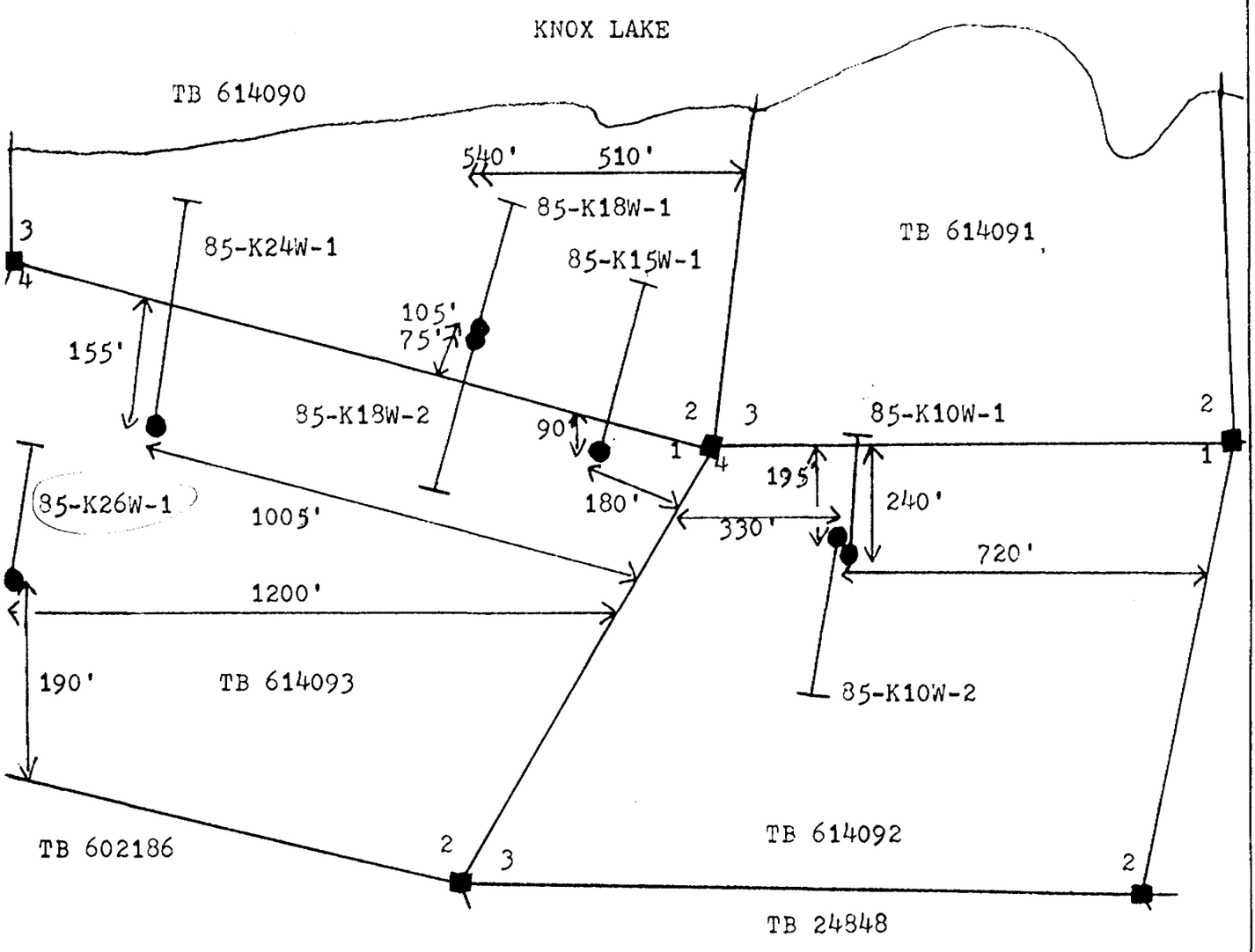
Hole No: 85-K-18W-2

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
192.4"	218.8"	CHERT: FINE-GRAINED DARK-GREEN-MAFIC (DISPERSED) ROCK WITH BEIGE-RED-YELLOWISH GREEN CHERT MATERIAL. AT 205' THERE IS A 4" SECTION WITH 1% MEDIUM- TO COARSE-GRAINED DISSEMINATED PYRITE.					
		216.8"- 218.8" CARBONACEOUS BEIGE - YELLOWISH-GREEN ALTERED ROCK. LOCALLY 1-2% U. FINE-GRAINED PYRITE OCCUR AS DISSEMINATIONS AND VEINLETS. <1/4% SPECULARITE; <1/4% CPY. (F.G)	10318	216.8"	218.8"	2.0'	0.026
218.8"	301	DIORITE: MEDIUM-GRAINED HOMOGENEOUS DIORITE. WEAKLY MAGNETIC.					
		266- 268.6" ALTERED DIORITE. THE TEXTURE OF DIORITE IS RETAINED. GREENISH (CHLORITE) TO REDDISH (HEMATITE) ALTERATION WITH QTZ (WHITE TO SLIGHT (<1/2%) SMOKY IN COLOUR) VEINLETS THROUGHOUT. 1-1 1/2% FINE TO MEDUM-GRAINED DISSEMINATED PYRITE.	10322	265.11"	268.5"	2.6"	0.002
		DIORITE BECOMES FINE-GRAINED, HARD AND V. DARK GREEN. LOCAL <1/2" SECTIONS CONTAIN 1/2-1% MED- TO COARSE-GRAINED PYRITE. DOWNHOLE ROCK BECOMES WEAKLY BRECCIATED + FOLIATED (50° C/A). EPIDOTE AND QTZ-CARB STRINGERS THROUGHOUT GENERALLY << 1/4% MED.-GRAINED PYRITE THROUGHOUT.					
EOH							

METALORE RESOURCES LIMITED

Location Map of DDH: 85-K26W-1, 85-K24W-1, 85-K18W-1 &2,
85-K15W-1, 85-K10W-1 & 2
Irwin Township, Ontario
Claim Numbers TB 614090, 614091, 614092, 614093
SCALE 1" = 300'





Located Claim Post ■

Claims drawn according to O.L.S.
B. Maskell 1985.

Drawn by: Barbara Kowalski
Jan. 1986.

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: KNOX LAKE

Hole No. 85-K-26W-1

Latitude: 0+10S | Departure 26+00W | Elevation: | Length: 363' | Core Size BQ-1 7/16" | Claim No. JB 614093 | Started JULY 29, 19[illegible]

Azimuth: 355° | Tropari/Dip Tests: NONE | Completed: JULY 31, 1985

Dip: -40° | Logged by: BARBARA KOWALSKI BK

Purpose: TO TEST MATERIAL IN OLD TRENCHES. | Drilled by: MORISSETTE.

Hole: 85-K-26W-1

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
0.0	12.0	CASING.					
12.0	34.0	DIORITE: COARSE-GRAINED, HOMOGENEOUS DIORITE. LESS THAN 1% EPIDOTE AND QTZ-CARB STRINGERS AND VEINLETS THROUGHOUT. IT IS MODERATELY MAGNETIC AND AN OCCASSIONAL SULPHIDE CRYSTAL APPEARS.					
34.0	63.0	MAFIC VOLCANIC: GRADATIONAL CONTACT TO A F.G., HOMOGENEOUS MAFIC VOLCANIC. LESS THAN 1% QTZ-CARB STRINGERS AND VEINLETS THROUGHOUT. IT IS WEAKLY- TO NON- MAGNETIC. <<1/4% DISSEM. Py.					
		35.7"-36.10" CONCENTRATION OF Py AS VEINLETS AND DISSEMINATIONS (<2%) IN THIS WEAKLY FOLIATED (45° C/A) VOLCANIC.	10525	35.7"	36.10"	1.3"	TR
63.0	161.0	DIORITE: GRADATIONAL CONTACT TO A M.G. HOMOGENEOUS DIORITE. IT IS MAGNETIC WITH < 1/2% MAGNETITE AND <1/2% C.G. Py.					
		133.0-133.9" MOTTLED DARK-GREEN BRECCIATED ROCK WITH QTZ-CARBONATE THROUGHOUT. <3% BLACK, HARD SILICEOUS MATERIAL. <2% DISSEM. FINE- TO MEDIUM-GRAINED Py. <1/2% HEMATITE.	10526	133	133.9	9"	0.026
		133.9"-134.6" WALLROCK TO THE ABOVE BRECCIATED QTZ-CARB SECTION. < 1/2% DISSEMINATED Py.	10527	133.9"	134.6"	9"	0.002

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: KNOX LAKE.

Hole No: 85-K-26W-1

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton	Assays Ag
161.0	200.0	MAFIC VOLCANIC: GRADATIONAL CONTACT TO A F.G. MAFIC VOLCANIC. < 1% QTZ-CARB STRINGERS, VEINLETS, VEINS THROUGHOUT WITH <1/2% DISSEMINATED PYRITE. VOLCANIC IS WEAKLY- TO NON- MAGNETIC.						
		182.3"-182.6" SMOKY GREY SILICIFIED QTZ VEIN WITH 1-2% F.- TO M.- GRAINED DISSEMINATED PYRITE. <1% CHLORITIC VEINLETS.	10528	182.3"	182.6"	3"	0.050	0.09
200.0	273.0	DIORITE: GRADATIONAL CONTACT TO A F.G. GRADING TO C.G. DIORITE. LOCAL QTZ-CARB VEINLETS (<4") THROUGHOUT WITH AN OCCASSIONAL MINERALIZED (<1% F.G. Py) STRINGER OR VEINLET (<2").						
		220.0-220.3" QTZ-CARB VEIN WITH CHLORITIC VEINLETS AND <1% F.G. DISSEMINATED Py.	10529	220.0	220.3"	3"	0.014	TR
273.0	296.0	MAFIC VOLCANIC: GRADATIONAL CONTACT TO A F.G. MAFIC VOLCANIC WITH PILLOW SELVAGES. LESS THAN 2% QTZ-CARB VEINLETS; EPIDOTE VEINLETS <<1/2%; <1/4% LOCALLY DISSEMINATED Py.						
296.0	302.0	DIORITE: SLIVER OF M.G. DIORITE WITH <1/4% EPIDOTE AND QTZ-CARB VEINLETS. GRADATIONAL CONTACTS TO MAFIC VOLCANIC UNITS.						
302.0	324.0	MAFIC VOLCANIC: ALTERED MAFIC VOLCANIC AS 273-296.						
324.0	328.0	DIORITE: MEDIUM-GRAINED DIORITE AS 296-302.						
328.0	356.0	MAFIC VOLCANIC: HOMOGENEOUS, F.G. MAFIC VOLCANIC WITH CHLORITIC CRYSTALS THROUGHOUT. OTHERWISE THIS UNIT IS SAME AS 273-296.						
356.0	363.0	DIORITE: GRADATIONAL CONTACT TO C.G. DIORITE WITH ISOLATED SLIPPAGE PLANE WITH C.G Py OTHERWISE SAME AS 296-302						
EOH								

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: KNOX LAKE — Hole No. 85-K24W-1

Latitude: 2+40S — Departure 24+00W — Elevation: — Length: 602' — Core Size BQ 17/16" — Claim No. TB 614093 — Started Sept. 30, 1985

Azimuth: 355° — Dip: -45°

Tropari/Dip Tests:	602'/-32°						
Cap. Correc.							

Completed: OCT 8, 1985

Logged by: BARBARA KOWALSKI

Drilled by: HORISSETTE

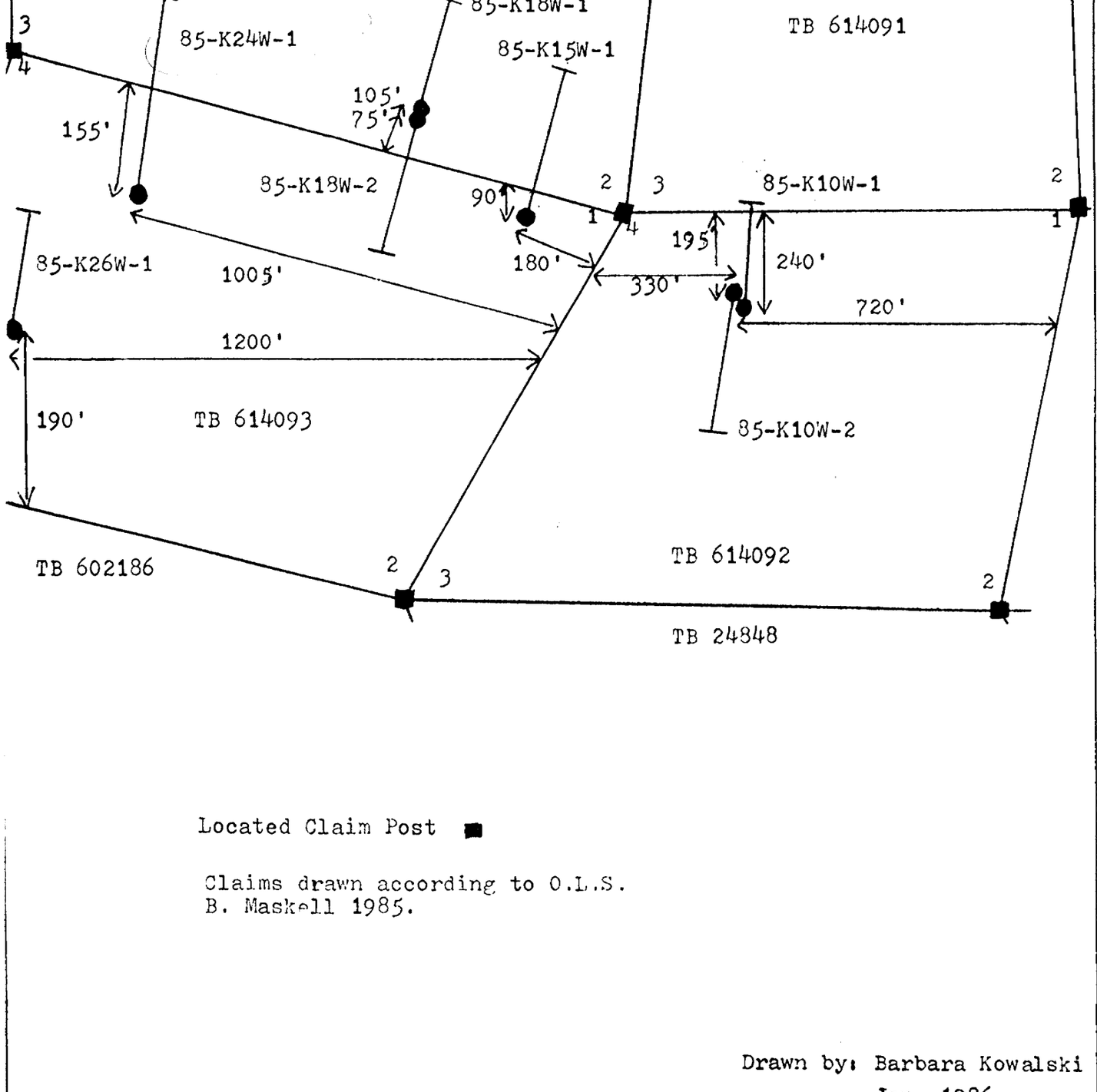
Purpose: TO TEST CONTACT BETWEEN VOLCANICS + SEDIMENTS.

Hole: 85-K24W-1

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
0.0	4.0	CASING.					
4.0	56.0	MAFIC VOLCANIC MEDIUM GREEN IN COLOUR; PILLOW SELVAGES THROUGHOUT; WEAKLY BRECCIATED AND FAINTLY FOLIATED. LESS THAN 2% WHITE QTZ-CARBONATE VEINLETS. LESS THAN 1/4% Py.					
		50.10"-54 CHERT-LIKE MATERIAL (INTERLAMINATED YELLOW-GREEN WITH BRICK RED-ORANGE) WITH <1/2% QTZ-CARB (WHITE TO PINKISH) VEINLETS. LESS THAN 1% F.G. DISSEMINATED Py AND <2% Specularite VEINLETS.	10590	50.10"	54	3.2"	TR
		54-56 AS 50.10"-54.	10591	54	56	2.0	TR
56.0	456.0	DIORITE. SHARP CONTACT TO A FINE- TO MEDIUM-GRAINED HOMOGENEOUS DIORITE. ONE PERCENT EPIDOTE VEINLETS AND BLEBS, 3% QTZ-CARB (WHITE TO PINKISH) VEINLETS. (PARALLEL TO 15° TO CORE AXIS).					
		83.2"-85.4" 1/2" WHITE QTZ VEIN WITH AUXILLARY VEINLETS (QTZ-Ca-CARB) THROUGHOUT. 10-30% SILICIFICATION IN THIS SECTION WITH 2% V.F.G. TO F.G. DISSEMINATED Py CONCENTRATED IN CHLORITIC SEAMS.	10592	83.2"	85.4"	2.4"	0.004
		85.4" DOWNHOLE FOLIATION 35° C/A.					

METALORE RESOURCES LIMITED

Location Map of DDH: 85-K26W-1, 85-K24W-1, 85-K18W-1 &2,
85-K15W-1, 85-K10W-1 & 2
Irwin Township, Ontario
Claim Numbers TB 614090, 614091, 614092, 614093
SCALE 1" = 300'



Located Claim Post ■

Claims drawn according to O.L.S.
B. Maskell 1985.

Drawn by: Barbara Kowalski
Jan. 1986.

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: KNOX LAKE

Hole No: 85-K24W-1

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		104-111 CHERT(-LIKE) IS DARK BROWN AND HOMOGENEOUS. LESS THAN ½% QTZ-CARB STRINGERS AND << ½% F.G. DISSEM. Py.					
	**	COARSE-GRAINED DIORITE BETWEEN SECTIONS DESCRIBED BELOW. DIORITE IS MODERATELY MAGNETIC.					
		127.5"-130 1" QTZ VEIN + 20% SILICIFICATION IN THIS 10" SECTION. IT IS WELL MINERALIZED WITH 3% Py AS DISSEMINATIONS AND VEINLETS AND <¼% Mo. TRACE SCHEELITE. WALLROCK IS BRECCIATED AND IS BRICK RED IN COLOUR (HEMATITE). SPECTROMETER (K) READINGS 300 COUNTS PER MINUTE (BACKGROUND). 3% MEDIUM-GRAINED Py + <1% SPECULARITE VEINLETS AND DISSEMINATIONS THROUGHOUT.	10582	127.5"	130	2.7"	0.008
		189.2"-190.4" BROWN CHERT-LIKE MATERIAL WITH EPIDOTE THROUGHOUT. < ½% F.G. DISSEMINATED Py.	10593	189.2"	190.4"	1.2"	TR
		198.10"-199.6" BRICK-RED HEMATITE WITH 2% MEDIUM-GRAINED DISSEMINATED Py.	10594	198.10"	199.6"	0.8"	0.006
		293'-317' (APPROX.) F.G., VERY DARK GREEN TO BLACK ROCK. 3% PLAGIOCLASE FELDSPAR CRYSTALS THROUGHOUT. IT IS MODERATELY FOLIATED 45° C/A.					
		306.8"-307.8" WHITE QTZ-Ca-CARB VEIN WITH CHLORITIC VEINLETS THROUGHOUT. ASSOCIATED WITH THE CHLORITE VEINLETS IS <1% GALENA.					

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: KNOX LAKE

Hole No: 85-KQ4N-1A

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		40-456 DEFORMED DIORITE. APPROXIMATELY 408' A WEAK FOLIATION 35° C/A DEVELOPS. APPROXIMATELY 410' THE VERY COARSE-GRAINED DIORITE BECOMES FINER GRAINED; INCREASE IN PLAGIOCLASE FELDSPAR CRYSTALS, FOLIATION BECOMES PRONOUNCED AND AN INCREASE IN QTZ - Ca- + Fe- CARB VEINLETS. LOCALLY SERICITE OCCURS.					
456	487	DEFORMED AND ALTERED MAFIC ROCK (DIORITE?). 456-459 IT IS VERY WELL FOLIATED (45° C/A) AND IT IS ALTERED WITH THE FOLLOWING: <5% SERICITE, <15% CHLORITE, Ca- + Fe- CARB, <10% WHITE TO PALE GREY SILICIFICATION (MOTTLED). LESS THAN 2% DISSEMINATED Py.	10586	456	459	3.0	0.008
		459 - 467.6" AN INCREASE AND THE APPEARANCE OF HEMATITE. SAME AS 456-459.					
		463.8" - 464.6" WELL FOLIATED 45° C/A, BRECCIATED, MOTTLED IN APPEARANCE. (40% HEMATITE, <2% SERICITE, <2% DISSEMINATED F.G. Py, <5% SPECULARITE).	10585	463.8"	464.6"	0.10"	0.004
		466.6" - 467.6" HEAVILY BRECCIATED HEMATITE AND QTZ-CARBONATE THROUGHOUT. 5% CONCENTRATED DISSEMINATED AND VEINLETS OF Py.	10584	466.6"	467.6"	1.0	0.006
		467.6" - 468.2" WELL FOLIATED 45° C/A. ROCK HAS <2% WHITE SILICIFICATION, <1% HEMATITE; <30% SERICITE, <2% F.G. Py.	10583	467.6"	468.2"	0.10"	0.004
		APPROXIMATELY 470' - 473' 60% CONCENTRATION OF HEMATITE. 30% SERICITE, 10% CARBONATE, < ½% F.G. (LOCAL) Py.					

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: KNOX LAKE

Hole No: 85-K24W-1A

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		477.8"-479.8" BRECCIATED (MOTTLED), WELL FOLIATED SECTION. <2% HEMATITE IN WALLROCK, <10% SERICITE, 5-20% SMOKY SILICIFICATION. <2% F.G. Py, <1% Spec. VEINLETS.	10587	477.8"	479.8"	2.0	0.004
		479.8"-481.2" ~1/2" QTZ VEIN + 20% PALE-GREY SILICIFICATION. WALLROCK IS BRECCIATED WITH K-FELDSPARS + Fe- AND Ca-CARB. 30% SERICITE. 3% Py AS DISSEMINATIONS AND VEINLETS, Tr Mo, <1/2% Spec. VEINLETS.	10588	479.8"	481.2"	1.6"	0.002
		481.2"-484 1' QTZ VEIN; <1/2% SCHEELITE, <1/4% Cpy VEINLETS; <2% CHLORITE; <1% F.G. Py AS DISSEMINATIONS AND VEINLETS. WALLROCK → SERICITE, Fe- + Ca- CARB THROUGHOUT. <3% F.G. DISSEMINATED Py.	10589	481.2"	484	2.10"	TR
487		MAFIC ROCK (VOLCANIC?). IT IS WELL FOLIATED 50°C/A WITH AN INCREASE TO 50% QTZ - Ca- + Fe-CARB VEINS + VEINLETS (INFERS FAULTING). <1/2% DISSEMINATED F.G. Py (LOCAL).					
		506.8"-509 PINK ALTERATION (SPECTROMETER K READINGS BKGD. 300-400 COUNTS PER MINUTE). IT IS WELL FOLIATED 50°C/A WITH <50% CARB CONTENT. <3% F.G. DISSEMINATED + VEINLETS OF Py. TRACE Mo. <2% SERICITE + CHLORITE VEINLETS THROUGHOUT.	10596	506.8"	509	2.4"	TR
		511.5"-513 AS 506.8"-509	10597	511.5"	513	1.7"	0.002
		516.2"-518.2" SIMILAR TO 506.8"-509 WITH 30% CHLORITE-SERICITE-GREEN MICA CONTENT.	10598	516.2"	518.2"	2.0	TR

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: KNOX LAKE

Hole No: 85-K24W-1A

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		AT 522' 3" BARREN WHITE QTZ CARB VEIN WITH <½" FAULT.					
		AT 527' 9" FAULT					
		527.9" - 528.9" <2% DISSEMINATED F.G. Py. [COULD BE SPLIT IF ASSAYS WARRANT]					
		528.9" 2' FAULT					
		538 4" CARB VEIN WITH 3% F.G. Py DISSEM + VEINLETS [COULD BE SPLIT].					
542	569	MAFIC SEDIMENT. GRADATIONAL CONTACT TO THIS GRANULAR IN APPEARANCE SEDIMENT.					
		566-567 1' WHITE QTZ VEIN WITH FEW VEINLETS HEAVILY MINERALIZED WITH Py.					
569	602.	POLYMICTIC METACONGLOMERATE					
		FIRST FELDSPATHIC CLAST AT 569. OTHER CLASTS (PEBBLES TO COBBLES) ARE QTZ, GRANITIC, MAFIC + JASPER IN COMPOSITION. CLASTS ARE					
EOH		FLATTENED IN A HOMOGENEOUS MODERATELY FRACTURED MATRIX. NO VISIBLE SULPHIDES.					

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: Knox Lake — Hole No. 85-K24W-1B

Latitude: 2+40S — Departure 24+00W — Elevation: — Length: 16' — Core Size BQ 1 7/16" — Claim No. TB 614093 — Started Sept. 30, 1985

Azimuth: 355° — Completed: Sept. 30, 1985

Dip: -45° — Logged by: Barbara Kowalski BK

Purpose: — Drilled by: Morissette

Hole: 85-K24W-1B

Tropari/Dip Tests:							
	None						

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/tone
0.0	4.0	Casing					
4.0	16.0	Mafic Volcanic Medium green in colour; pillow selvages throughout; weakly brecciated and faintly foliated. Less than 2% white quartz-carbonate veinlets. Less than ¼% pyrite.					
	EOH						

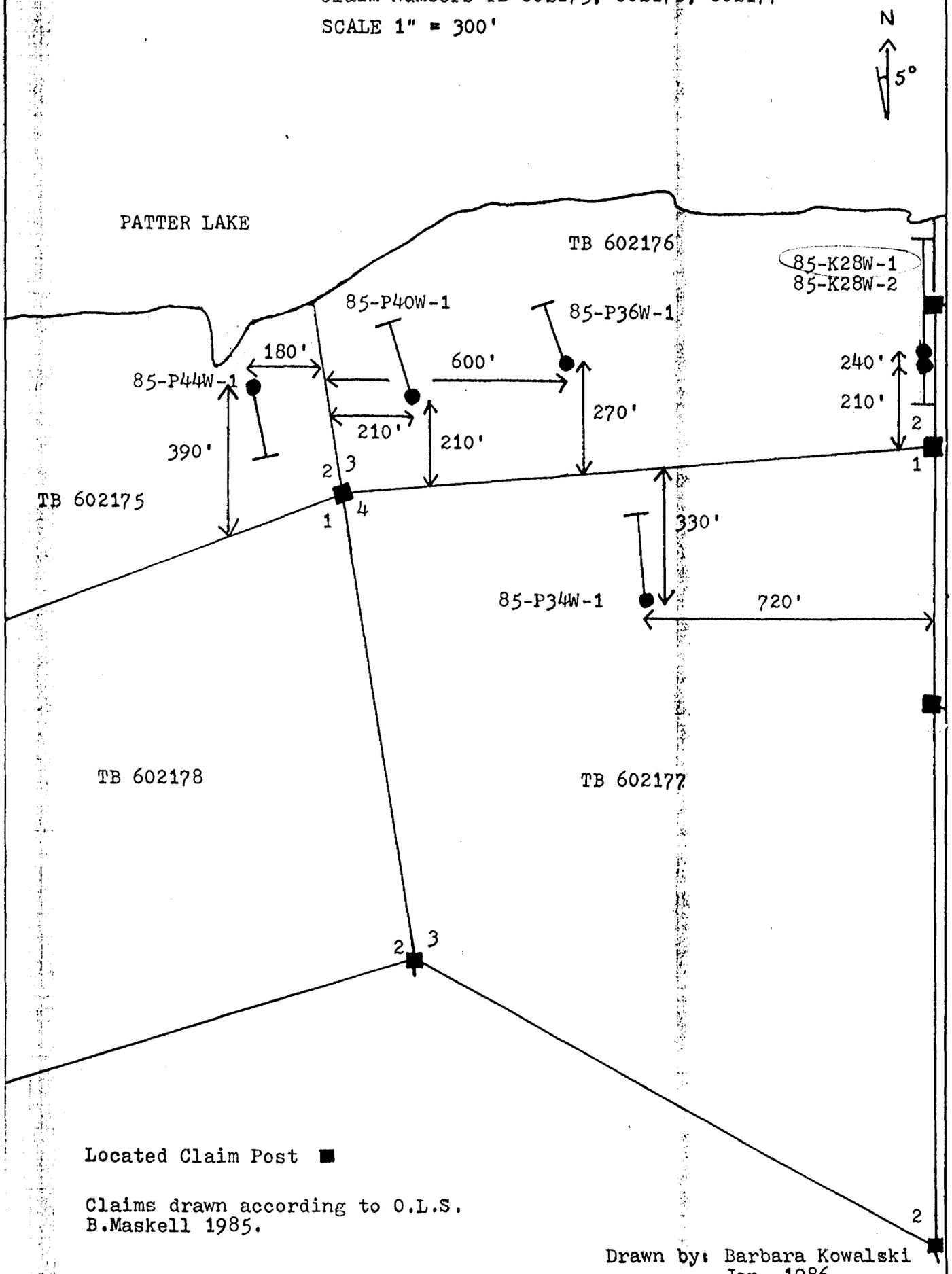
METALORE RESOURCES LIMITED

Location Map of DDH: 85-K28W-1 & 2, 85-P34W-1, 85-P36W-1, 85-P40W-1, 85-P44W-1

Irwin Township, Ontario

Claim Numbers TB 602175, 602176, 602177

SCALE 1" = 300'



Located Claim Post ■

Claims drawn according to O.L.S.
B.Maskell 1985.

Drawn by: Barbara Kowalski
Jan. 1986.

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: KNOX LAKE — Hole No. 85-K28W-1

Latitude: 5+00N — Departure 28+00W — Elevation: — Length: 416' — Core Size BQ - 17/16" — Claim No. TB 602176 — Started July 24, 1985.

Azimuth: 355° — Completed: July 28, 1985.

Dip: -40° — Logged by: BARBARA KOWALSKI BK

Purpose: To Test Contact between Mafic Volcanic and Conglomerate — Drilled by: MORISSETTE

Hole: 85-K28W-1

Tropari/Dip Tests:							
Cap-Corrected	416'/-34°						

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
0.0	10.0	CASING.					
10.0	29.7"	CLIENT: SPECTROMETER (K) READINGS FOR ALL BELOW SECTIONS 300 COUNTS PER MIN.					
		10.0 - 11.5 GREY-GREENISH-YELLOW CHERT WITH CHLORITIC VEINLETS THROUGHOUT.					
		11.5 - 13.0 GRANITIC DYKE. IT IS GREEN-GREY IN COLOUR WITH FAINT PINK HUE. K- AND Ca- FELDSPARS THROUGHOUT. NO SULPHIDES.					
		13.0 - 15.5" DARK RED CHERT. CHLORITIC VEINLETS THROUGHOUT. <1/2% PITTED DARK SULPHIDES AND PYRITE.	10530	13.0	15.5"	2.5"	TR
		15.5 - 18.7" FLESH TO DARK BROWN-RED COLOURED CHERT. CHLORITIC, SERICITIC AND Fe- & Ca- CARBONATE VEINLETS THROUGHOUT. 1% PITTED DARK COLOURED SULPHIDES AND PYRITE DISSEMINATIONS.	10531	15.5"	18.7"	3.2"	TR
		18.7" - 21.7" FLESH TO DARK BROWN-RED COLOURED CHERT. <1/2% DISSEMINATED PYRITE. (V. FINE-GRAINED).	10532	18.7"	21.7"	3.0	TR
		21.7" - 25.5" BRILLIANT PINKISH-ORANGE-RED, FLESH TO YELLOWISH-GREEN CHERT. <1/2% F.G. DISSEMINATED PYRITE.	10533	21.7"	25.5"	3.10"	TR
		25.5" - 26.4" 4" QTZ- TO DARK GREY SILICIFICATION. CHLORITIC VEINLETS THROUGHOUT WITH SERICITIC WALLROCK. AREA OF SILICIFICATION HAS <2% FINE- TO MED.- GRAINED DISSEMINATED PYRITE.	10534	25.5"	26.4"	0.11"	0.008
		26.4" - 29.7" 2" MILKY WHITE QUARTZ VEIN WITH BRECCIATED PINK-BROWN WALLROCK. WALLROCK IS MINERALIZED WITH 1% F.G. Py. <1/2% CHLORITIC AND SERICITIC VEINLETS. 2% GREY SILICIFICATION SERICITIC + PINK-BROWN (<1/2%) + SILICIFICATION (<1/2%) SURROUND THE	10355	26.4"	29.7"	3.3"	0.002

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: KNOX LAKE

Hole No: 85-K28W-1

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		PREDOMINATE PINK-BROWN WALLROCK NEXT TO QTZ VEIN.					
29.7"	294	DIORITE: SHARP CONTACT WITH A F.G. DIORITE GRADING TO A C.G. DIORITE WITH MAGNETITE CRYSTALS AT 55'-95'. MODERATELY TO STRONGLY MAGNETIC DOWNHOLE. LESS THAN 2% WHITE QTZ-CARB VEINLETS THROUGHOUT. LESS THAN 1% MEDIUM- TO COARSE-GRAINED DISSEMINATED PYRITE. < 1% EPIDOTE VEINLETS AND STRINGERS. Ca-FELDSPAR CRYSTALS OCCUR INTERMITTENTLY THROUGHOUT SECTION. THESE CRYSTALS PREDOMINATED AT APPROXIMATELY 264' DOWNHOLE A WEAK FOLIATION DEVELOPS AT 272' 50° C/A.					
294	416	METASEDIMENTS: THERE APPEARS TO BE A CHANGE FROM A MAFIC SECTION UPHOLE AND POSSIBLY A SEDIMENTARY UNIT DOWNHOLE. THIS SECTION APPEARS TO BE A VERY WELL FOLIATED (50° C/A) SEDIMENT. <¼% MINUTE JASPER OR POSSIBLY CINNABAR SPECKS THROUGHOUT. THERE IS A SUBSTANTIAL INCREASE TO 60% QTZ-CARBONATE VEINLETS SOME QUARTZ MATERIAL APPEARS TO BE FLATTENED PEBBLES. THE MATRIX IS MAFIC IN COMPOSITION WITH <¼% SERICITE AND GREEN MICA APPEARING. KINK FOLDS APPEAR INTERMITTENTLY.					
		320'-322.8" ALTERED SECTION. IT IS VERY WELL FOLIATED (51°C/A) WITH CARBONATE (PINKISH-BROWN), SERICITE, CHLORITE, WHITE QTZ <¼%, GREY SILICIFICATION <¼%, AND BRIGHT PINK-ORANGE-RED CHERT <¼%. LESS THAN 2% EXTREMELY FINE- TO FINE-GRAINED DISSEMINATED PYRITE	10397	320	322.8"	2.8'	0.014
		336'-338.2" VERY WELL FOLIATED ALTERED SECTION. IT IS BRECCIATED WITH HEMATITE, Fe- + Ca-CARBONATE AND WHITE QTZ PLUS BLACK SILICEOUS MATERIAL. LESS THAN 2% V.F.G. DISSEM. Py.	10361	336.2"	338.2"	2.0	0.008

METALORE RESOURCES LTD. DIAMOND DRILL LOG Location: KNOX LAKE

Hole No: 85-K-28W-1

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		<2% SERICITIC MATERIAL WITH SULPHIDES OCCUR.					
		342.8" - 346.2" DEFORMED AND ALTERED SECTION. HEMATITE, Fe- AND Ca- CARBONATE, WHITE QTZ, BLACK SILICEOUS, GREY SILICIFICATION <1/4%, ARE BRECCIATED, BOUDINAGED AND FLATTENED. CHLORITIC AND SERICITIC VEINLETS 2% THROUGHOUT. <1% FINELY DISSEM Py AND SPECULAR HEMATITE.	10362	342.8"	346.2"	3.6"	0.002
		348.5" - 352.3" DEFORMED AND ALTERED SECTION. DESCRIPTION AS ABOVE HOWEVER, <1 % GREY SILICIFICATION AND 2% SERICITIC VEINLETS. <2% V.F.G. DISSEM. Py.	10363	348.5"	352.3"	3.10"	0.002
		352.3" - 354.9" DEFORMED AND ALTERED SECTION. 40% DARK GREEN CHLORITIC AND MAFIC MATERIAL, <30% FLESH COLOUR SILICEOUS MATERIAL WHICH IS PARTLY BRECCIATED AND <1/2% HEMATITE. LESS THAN 1% DISSEM. F.G. Py.	10364	352.3"	354.9"	2.6"	0.01
		354.9" - 357.3" AS 352.3" - 354.9" WITH 1% GREY SILICIFICATION, 2% SERICITIC VEINLETS. 1% F.G. DISSEM Py.	10365	354.9"	357.3"	2.6"	TR
		357.3" - 359.1" AS 352.3" - 354.9" WITH 2 SECTIONS OF GREY SILICIFICATION ① 1/2" IN WIDTH + ② 4" IN WIDTH WITH 2% EXTREMELY F.G. DISSEM. Py IN SERICITE AND CHLORITIC VEINLETS. GENERALLY, <1% FINELY DISSEM. Py.	10366	357.3"	359.1"	1.10"	TR
		359.1" - DOWNHOLE SEDIMENT BECOMES MORE INTENSELY DEFORMED. BRECCIATED, QTZ AND FELDSPATHIC MATERIAL (PEBBLES)? ARE FLATTENED.					

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: KNOX LAKE

Hole No: 85-K-28W-1

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
		371 - 371.10" ALTERED AND DEFORMED SECTION. 30% GREY SILICIFICATION IN A V. WELL FOLIATED (50° C/A) SERICITE, CHLORITE, FELDSPATHIC MATRIX. 2-3% FINE- TO COARSE-GRAINED DISSEMINATED Py.	10369	371	371.10"	0.10"	TR
		381.5" - 383.5" + 383.5" - 385 BRECCIATED MAFIC AND SILICEOUS GREY + WHITE QTZ THROUGHOUT. SERICITIC AND CHLORITIC VEINLETS THROUGHOUT 2%. GENERALLY, < ½% F.G. DISSEMINATED Py.	10367	381.5"	383.5"	2.0	0.002
			10368	383.5"	385	1.7"	TR
		APPROXIMATELY 394' THIS SEDIMENTARY SECTION CAN BE CALLED A POLYMICTIC METACONGLOMERATE. FELDSPATHIC, QTZ, MAFIC, GRANITIC, JASPER PEBBLES TO COBBLES ARE FLATTENED. THE MATRIX IS HOMOGENEOUS AND MODERATELY FOLIATED. NO SULPHIDES VISIBLE.					
416	EOH.						

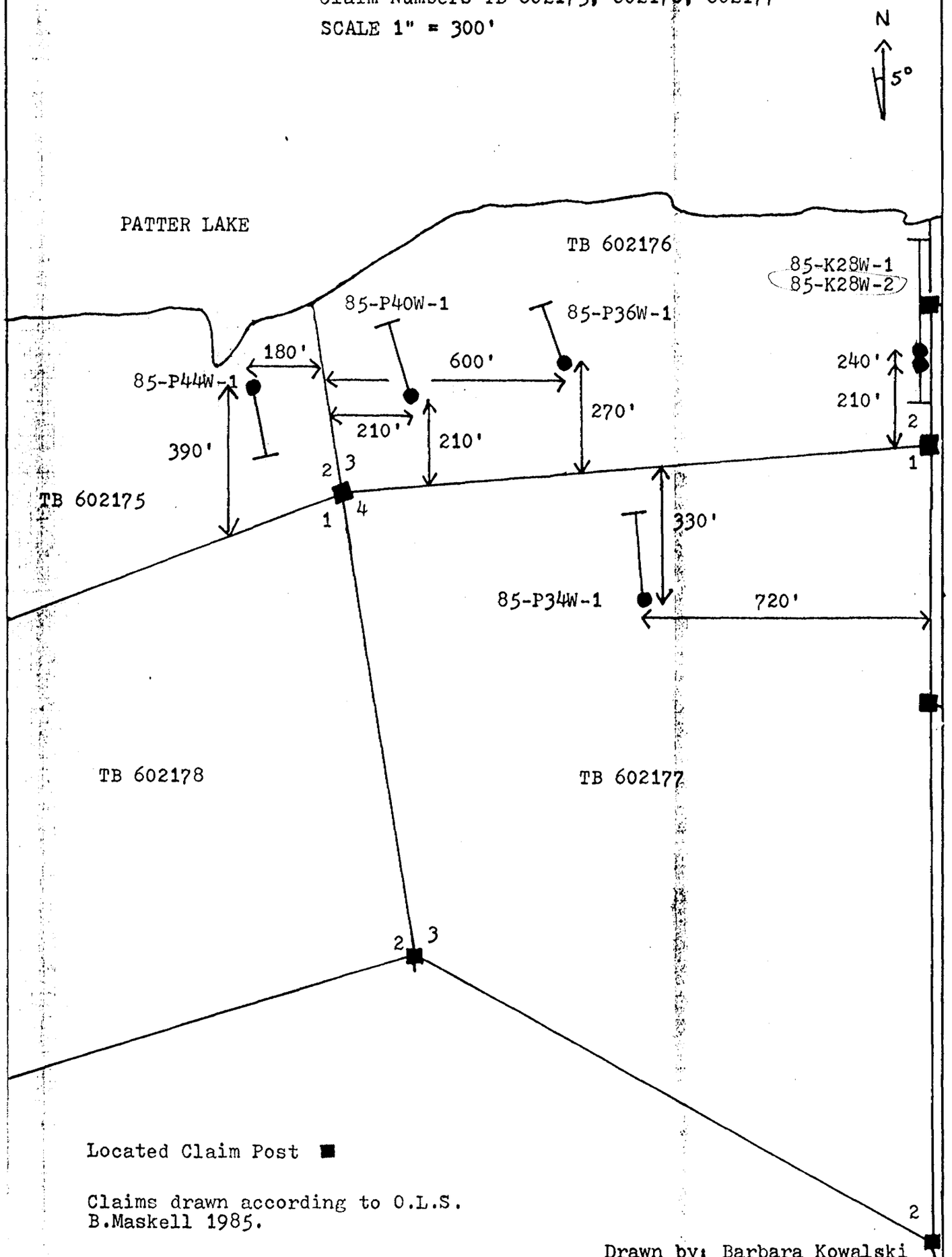
METALORE RESOURCES LIMITED

Location Map of DDH: 85-K28W-1 & 2, 85-P34W-1, 85-P36W-1, 85-P40W-1, 85-P44W-1

Irwin Township, Ontario

Claim Numbers TB 602175, 602176, 602177

SCALE 1" = 300'



Located Claim Post ■

Claims drawn according to O.L.S.
B.Maskell 1985.

Drawn by: Barbara Kowalski
Jan. 1986.

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: KNOX LAKE

Hole No. 85-K-28W-2

Latitude: 5+30N | Departure 28+00W | Elevation: | Length: 123' | Core Size BQ - 17/16" | Claim No. TB 602176 | Started July 28, 1985

Azimuth: 175° | Tropari/Dip Tests: NONE | Completed: July 29, 1985.

Dip: -50° | Logged by: BARBARA KOWALSKI BK

Purpose: TO INTERSECT CHERT HORIZON + QTZ VEIN ENCOUNTERED IN HOLE K-28W-1. | Drilled by: MORISSETTE | Hole: 85-K-28W-2

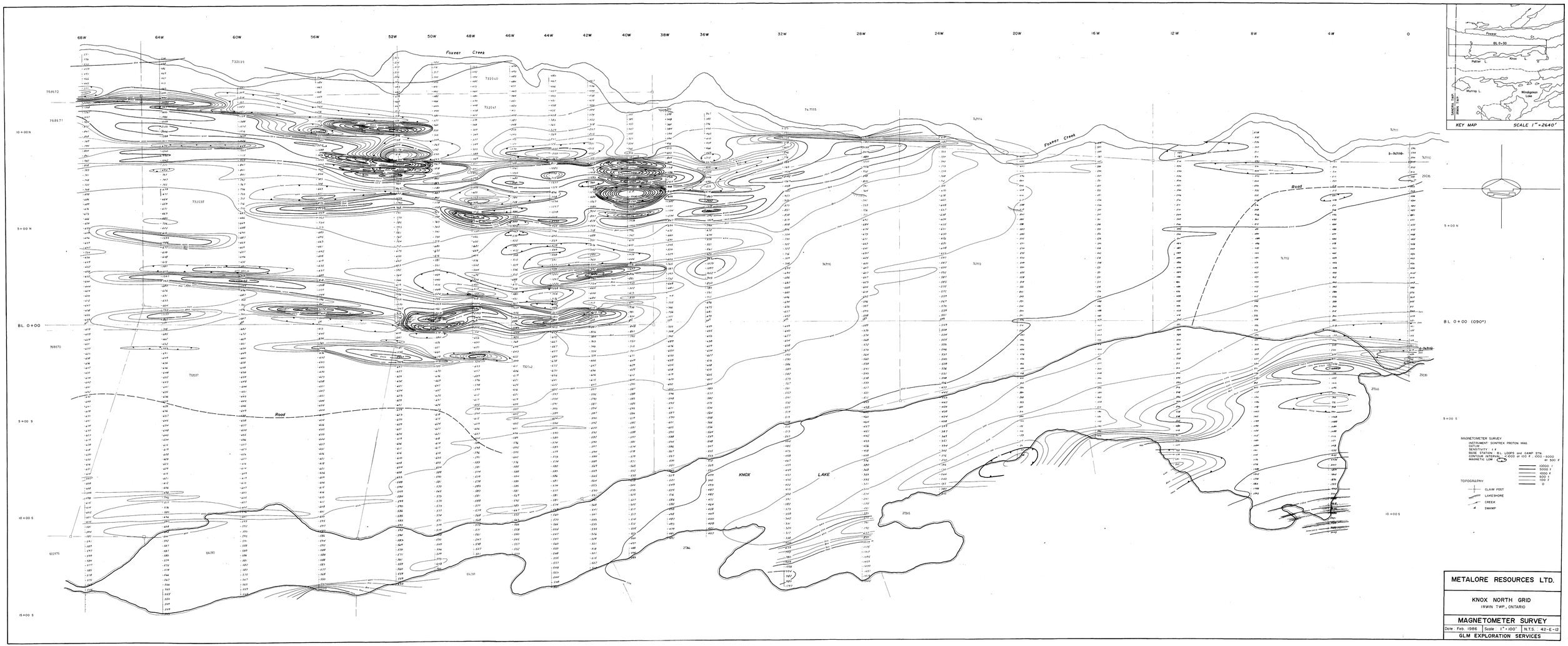
Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/ton
0.0.	12.0	CASING.					
12.0	123	DIORITE: COARSE-GRAINED, HOMOGENEOUS DIORITE. 38% EPIDOTE, <2% QTZ-CARB VEINLETS THROUGHOUT. MAGNETITE CRYSTALS OCCUR IN COARSER GRAINED DIORITE WHILE GRADUALLY BECOMING FINER GRAINED AT 60'. STRONG GRADUALLY BECOMING MODERATELY MAGNETIC DOWNHOLE. <1/4% LOCALLY MED- TO COARSE-GRAINED PYRITE.					
		63.2"-64.4" ALTERED AND DEFORMED DIORITE. THIS SECTION CONTAINS BRECCIATED HEMATITE, Fe- + Ca-CARBONATE MATERIAL. <1% SERICITE. <1% F.G. DISSEM Py + <3% SPECULAR HEMATITE VEINLETS.	10535	63.2"	64.4"	1.2"	TR
		64.4"-66 BRECCIATED FAINTLY (Fe-CARB MATERIAL) IN THIS V. DARK GREEN-BROWN SECTION <1/2% F.G. DISSEM Py.	10536	64.4"	66	1.8"	TR
		66-66.10" AS 63.2"-64.4" SPECTROMETER (K) READING 300 COUNTS PER MINUTE. 1% F.G. DISSEM Py.	10537	66	66.10"	10"	TR
		66.10"-68.10" + 68.10"-70.6" AS 64.6"-66 BUT WITH FAINT YELLOWISH-GREEN (1% SERICITIC MATERIAL). 1% F.G. DISSEM. Py.	10538 10539	66.10" 68.10"	68.10" 70.6"	2.0 1.8"	0.002 TR
		70.6"-72.10" MULTICOLOURED SECTION WITH SILICEOUS MATERIAL. ~~THIS~~ SILICEOUS MATERIAL RANGES FROM BRIGHT PINK-ORANGE-RED, YELLOWISH-GREEN (CHERT-LIKE) TO GREY SILICIFICATION(<1%). <1% F.G. DISSEM. Py + <2% SPECULAR HEMATITE.	10540	70.6"	72.10"	2.4"	TR

METALORE RESOURCES LTD. DIAMOND DRILL LOG

Location: KNOX LAKE

Hole No: 85-K-28W-2.

Footage From	Footage To	Description	Sample No.	Footage From	Footage To	Length	Assays Au oz/tone
72.10"	123	FINE- TO MEDIUM- GRAINED DIORITE DOWNHOLE, WITH 3% QTZ- CARB VEINLETS, 1% EPIDOTE, <1% HEMATITE VEINLETS.					
		106.10" - 108.7" V. DARK RED HEMATITE THAT IS BRECCIATED AND CHLORITIC + SPECULAR HEMATITE VEINLETS FILL THE MATRIX BETWEEN FRAGMENTS. <2% WHITE QTZ + Ca- + Fe- CARBONATE. <1% F.G.	10541	106.10"	108.7"	1.9"	TR
123	EOH.	DISSEM. Py.					
		SPECTROMETER (K) READINGS 300 COUNTS PER MINUTE.					



VLF SURVEY

METALORE RESOURCES LTD.

KNOX NORTH GRID

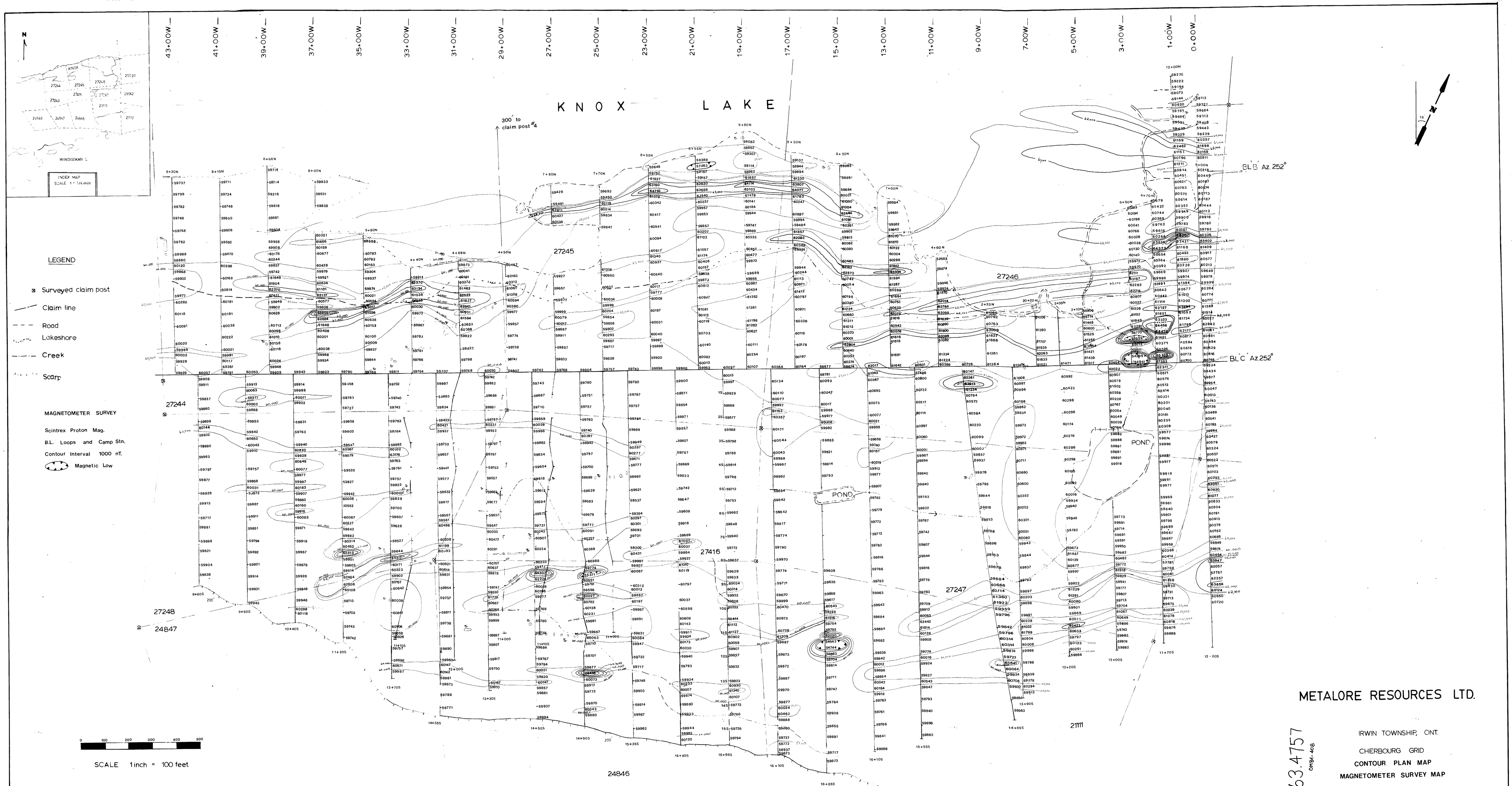
GOWAN TWP., ONT.

SCALE - 1 IN. = 100 FT.	DATE - FEB., 1986	NTS - 42-E-12

GLM EXPLORATION SERVICES

63.4757

CM84-408



METALORE RESOURCES LTD.

IRWIN TOWNSHIP, ONT.

CHERBOURG GRID

CONTOUR PLAN MAP

MAGNETOMETER SURVEY MAP

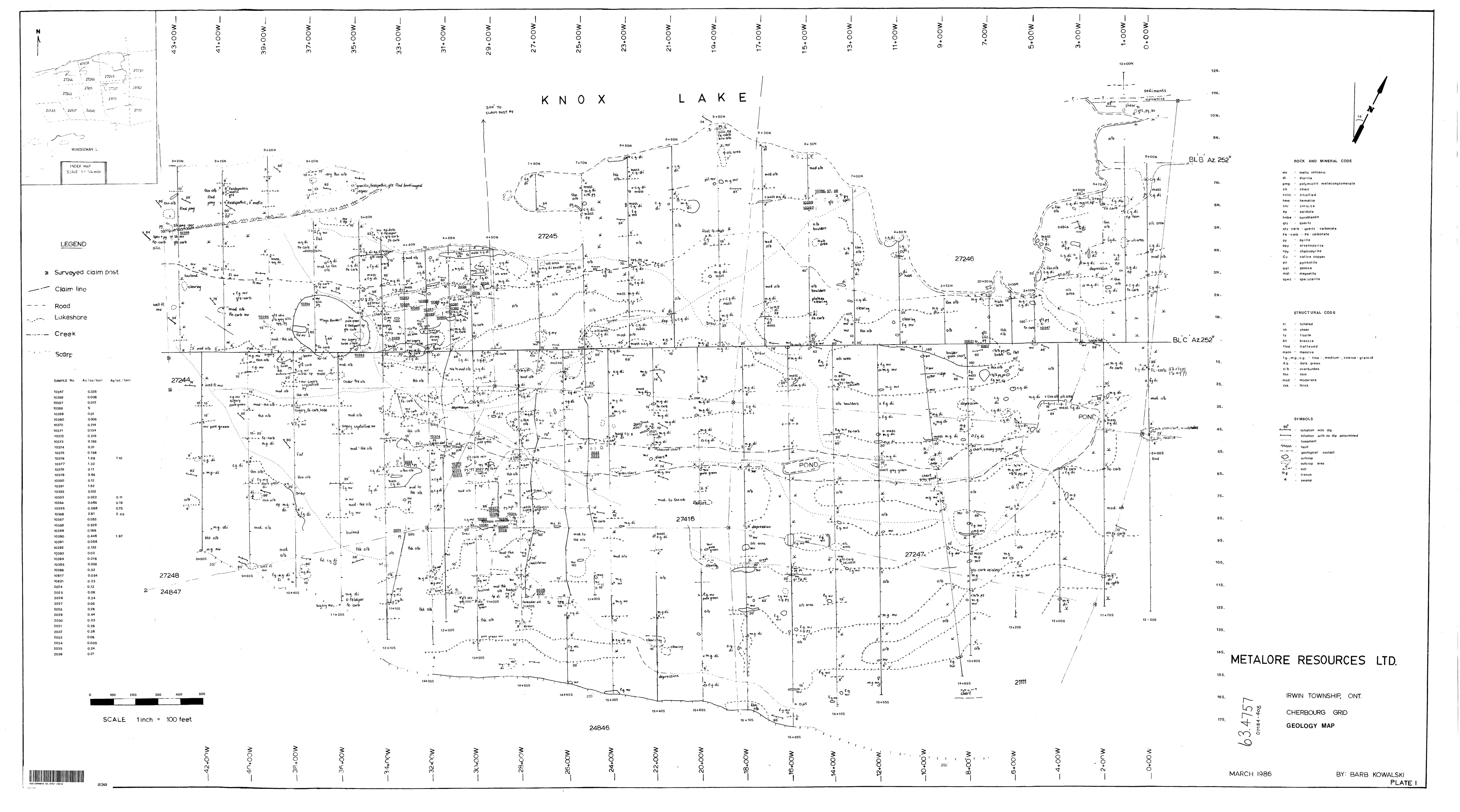
63.4757

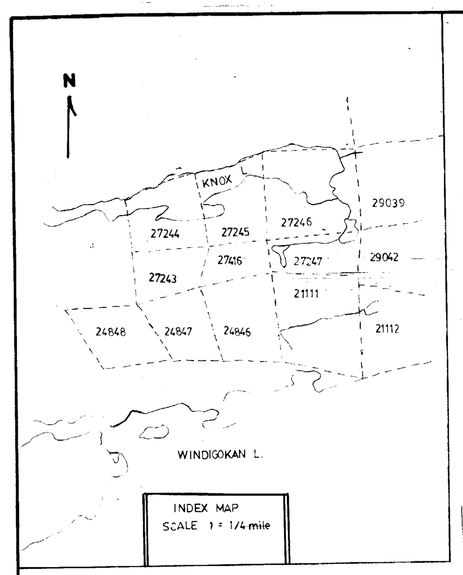
OMEM-408

MARCH 1986

BY: BARB KOWALSKI

PLATE 3


KNOX LAKE
INDEX MAP
SCALE 1" = 1/4 mile
WINDIGOKAN L.
LEGEND
Surveyed claim post
Claim line
Road
Lakeshore
Creek
Scarp
SAMPLE No. Au (oz/ton) Ag (oz/ton)
10347 0.335
10356 0.006
10357 0.012
10358 Tr
10359 0.01
10360 0.008
10370 0.214
10371 0.134
10372 0.218
10373 0.158
10374 0.01
10375 0.158
10376 1.89 1.10
10377 1.32
10378 0.17
10379 0.86
10380 0.12
10381 1.52
10382 0.102
10383 0.022 0.11
10384 0.068 0.19
10385 0.068 0.75
10386 2.91 2.45
10387 0.052
10388 0.528
10389 0.166
10390 0.446 1.97
10391 0.058
10392 0.132
10393 0.02
10394 0.016
10395 0.008
10396 0.02
10617 0.054
10621 0.23
2024 0.12
2025 0.06
2026 0.24
2027 0.08
2028 0.26
2029 0.44
2030 0.03
2031 0.26
2032 0.36
2033 0.06
2034 0.005
2035 0.24
2036 0.01
SCALE 1 inch = 100 feet
METALORE RESOURCES LTD.
IRWIN TOWNSHIP, ONT.
CHERBOURG GRID
GEOLOGY MAP
MARCH 1986
BY: BARB KOWALSKI
PLATE I
63 4757
ROCK AND MINERAL CODE
STRUCTURAL CODE
SYMBOLS



LEGEND

- Surveyed claim post
- Claim line
- Road
- Lakeshore
- Creek
- Scarp

GEOLOGICAL KEY

V	mafic volcanic
D	diorite
S	sediment
A	alteration zone
F	fault
C	polymictic conglomerate
Sst	pebbly sandstone

SCALE 1 inch = 100 feet

HOLE No.	FOOTAGE	Au oz./ton
C3W-1	2.0	0.068
C5W-1	2.8	0.07
C7W-1	11.4	0.047
C3W-1	6.6	0.36
C33W-1	2.0	0.07

METALORE RESOURCES LTD.

IRWIN TOWNSHIP, ONT.

CHERBOURG GRID

DDH PLAN MAP

63.4757
OH84-406

MARCH 1986

BY: BARB KOWALSKI

PLATE 2

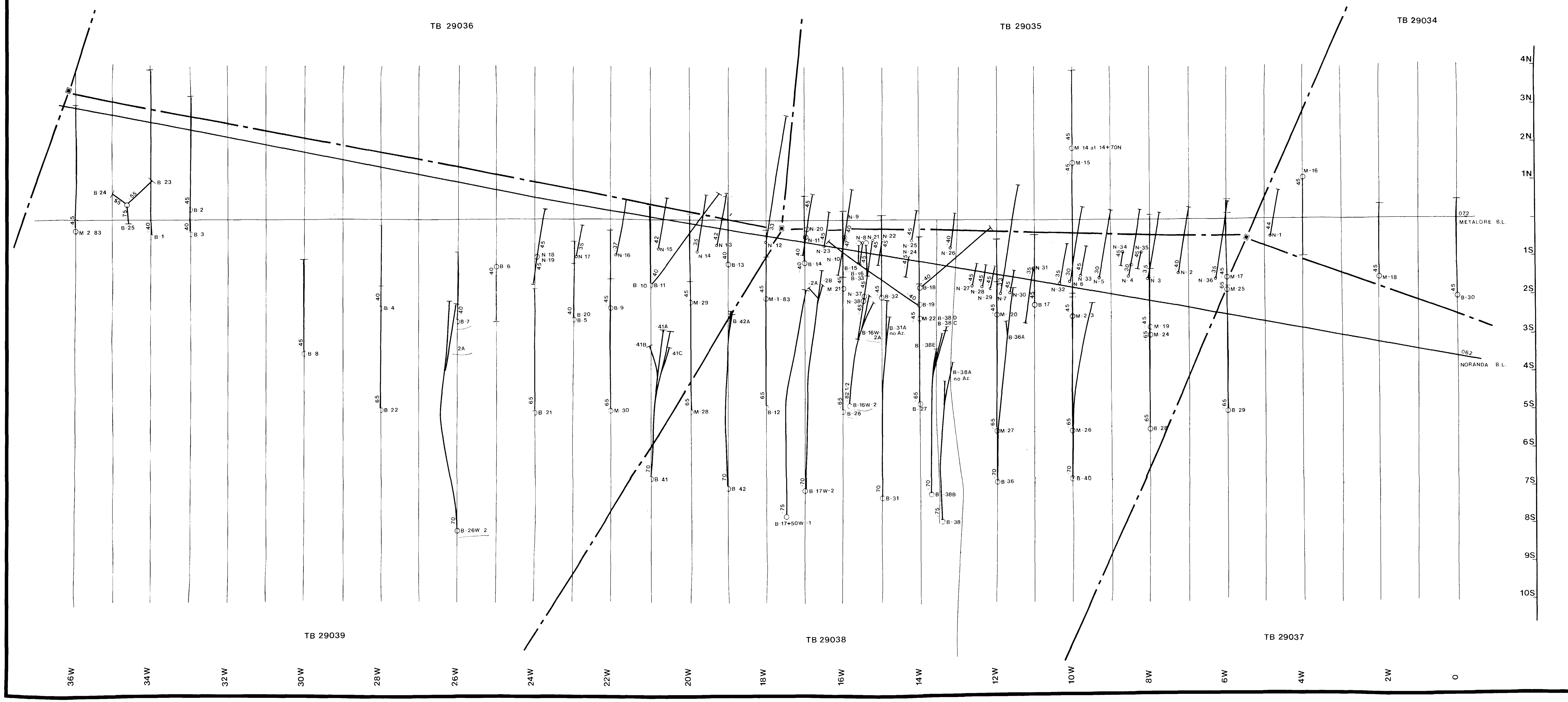

KEY MAP
SCALE 1" = 2640'
SANDRA TWP
IRWIN TWP
Foxear Creek
Road
136 W
132 W
128 W
124 W
120 W
116 W
112 W
108 W
104 W
100 W
96 W
92 W
88 W
84 W
80 W
76 W
72 W
68 W
2000 N
1500 N
1000 N
500 N
BL 0+00
500 S


KEY MAP
SCALE 1" = 2640'
Foxeat Cr.
BL 0+00
Potter L.
Knee L.
Murray L.
Windigokan Lake
SANDRA TWP
ORMEN TWP
136 W
132 W
128 W
124 W
120 W
116 W
112 W
108 W
104 W
100 W
96 W
92 W
88 W
84 W
80 W
76 W
72 W
2000 N
1500 N
1000 N
500 N
BL 0+00
500 S
Foxeat Creek
Road
G
G'
D'
SURVEY NOTES
INSTRUMENT - GEONICS EM-16
STATION - CUTLER, ME.
READING DIRECTION - FACING NORTH
PROFILE SCALE - 1 IN. = 20 %

METALORE RESOURCES DRILL HOLE PLAN

*B*rookbank 'West' Grid

Irwin Township



LEGEND

DDH Vertical Projection

Claim line

Claim post

Scale 1" : 100'

0 100 200 300 Feet

NORANDA [1944]

DDH No.	FOOTAGE	Au [oz / ton]
N 2	11.0	0.16
N-3	3.4	0.14
	10.0	0.15
	5.0	0.10
N-4	4.1	0.41
	3.3	0.13
	5.0	0.10
N 5	5.0	0.14
N 6	17.0	0.14
N 7	13.0	0.14
N-8	25.0	0.28
N-9	5.0	0.11
N-10	5.3	0.14
N-12	6.9	0.20
	3.3	0.11
N-13	5.0	0.10
N-14	2.5	0.68
N-17	2.4	0.18
	3.0	0.10
	3.0	0.10
N 18	2.2	0.10
N 19	3.5	0.32
N 20	0.8	0.20
	3.4	0.10
N 21	8.8	0.64
	2.4	0.14
N 22	4.0	0.14
	23.0	0.13
N 28	15.0	0.12
N 29	5.0	0.11
N 31	7.6	0.11
N-34	5.0	0.18
N 35	5.8	0.12
N 36	10.0	0.13
N 37	6.0	0.12

METALORE [1981-86]

DDH No.	FOOTAGE	Au [oz / ton]
M-2 83	4.0	0.12
M 16	6.0	0.14
	12.0	0.10
	4.7	0.13
	2.2	0.30
	1.6	0.29
M 17	1.2	0.14
	2.2	0.30
M 18	3.1	0.12
	1.8	0.20
M-19	1.8	0.14
	4.3	0.11
M-20	4.8	0.15
M-21	7.5	0.12
M-22	6.5	0.50
	3.0	0.23
M 25	4.4	0.22
	4.7	0.10
M-26	9.8	0.12
M-27	13.11	0.13
M-28	15.0	0.11
M-29	9.0	0.11
	9.9	0.11
M 30	5.0	0.10
B 1	2.0	0.79
B-5	1.9	0.12
	7.0	0.11
B-7	4.0	0.13
	2.0	0.14
B-8	4.1	0.20
B 9	11.6	0.28
B 10	1.0	0.10
	5.0	0.24
B 11	1.3	0.11
	5.0	0.11
	2.5	0.10
B-14	30.5	0.13
	10.6	0.11
B 16	2.0	0.12
	1.4	0.24
	1.3	0.20
	5.0	0.19
	9.0	0.70
B 17	0.9	0.12
	3.5	0.29
B 18	4.9	0.14
	2.1	0.14
	4.0	0.37
	4.0	0.11
	5.8	0.12
	3.1	0.15
	4.4	0.18
B 19	2.5	0.13
	5.0	0.10
	1.3	0.12
	2.2	0.12
B 20	9.11	0.12
B 21	3.3	0.10
B 25	4.0	0.14
B 26	22.5	0.17

DDH No.	FOOTAGE	Au [oz / ton]
B 27	9.0	0.29
	4.4	0.11
	4.7	0.24
B 30	5.2	0.13
B 31	54.5	0.47
31 A	57.5	0.44
B 36	33.0	0.18
36 A	24.0	0.18
B 38	12.9	0.21
	24.0	0.46
38 A	29.6	0.11
	24.5	0.31
B 38 B	3.5	0.48
	56.0	0.10
38 C	5.4	0.73
	47.0	0.15
38 D	33.0	0.19
	74.7	0.14
38 E	3.5	0.38
	80.10	0.13
B-17W 2	39.2	0.75
2 A	39.7	0.62
2 B	43.2	0.51
B 40	7.7	0.24
B 41	3.0	0.18
41 B	2.5	0.10
B 42	3.6	0.19
42 A	3.0	0.12
B 17+50W 1	37.6	0.13
1 A	34.8	0.22
B 16W 2	84.6	0.29
2 A	95.0	0.15

March 1987

Drawn by Barbara Kowalski

270

HOLE No.		FOOTAGE	Au (oz./ton)	AVERAGE
85-F24SE-2	1-	2.3	0.133	
85-F26SE-5	1-	2.0	0.12	
	2-	2.0	0.09	
	3-	2.0	0.10	
85-F28SE4	1-	2.0	0.038	
		0.66	1.24	
		1.75	Tr	0.245/15′
		1.1	0.018	
		2.8	0.584	
		1.83	0.086	
		3.0	0.058	
		2.0	0.338	
85-F44SE-1	1-	1.5	0.272	
		2.0	0.255	0.223/4.5′
		1.0	0.08	
85-F44 SE-2	1-	2.75	0.096	
	2-	1.3	0.066	
85-F46SE-1	1-	1.3	0.27	
85-F48SE-1	1-	0.8	0.07	

GEOLOGICAL KEY: C - Polymictic Conglomerate; Sst - Pebbly Sandstone; V - Mafic Volcanic; D - Diorite; A - Alteration; F - Fault

LEGEND: —— Claim line; □ Claim post; – – – Road; —·—·— Geological contact

63.4757

OM84-408

METALORE RESOURCES LTD.

DDH PLAN MAP

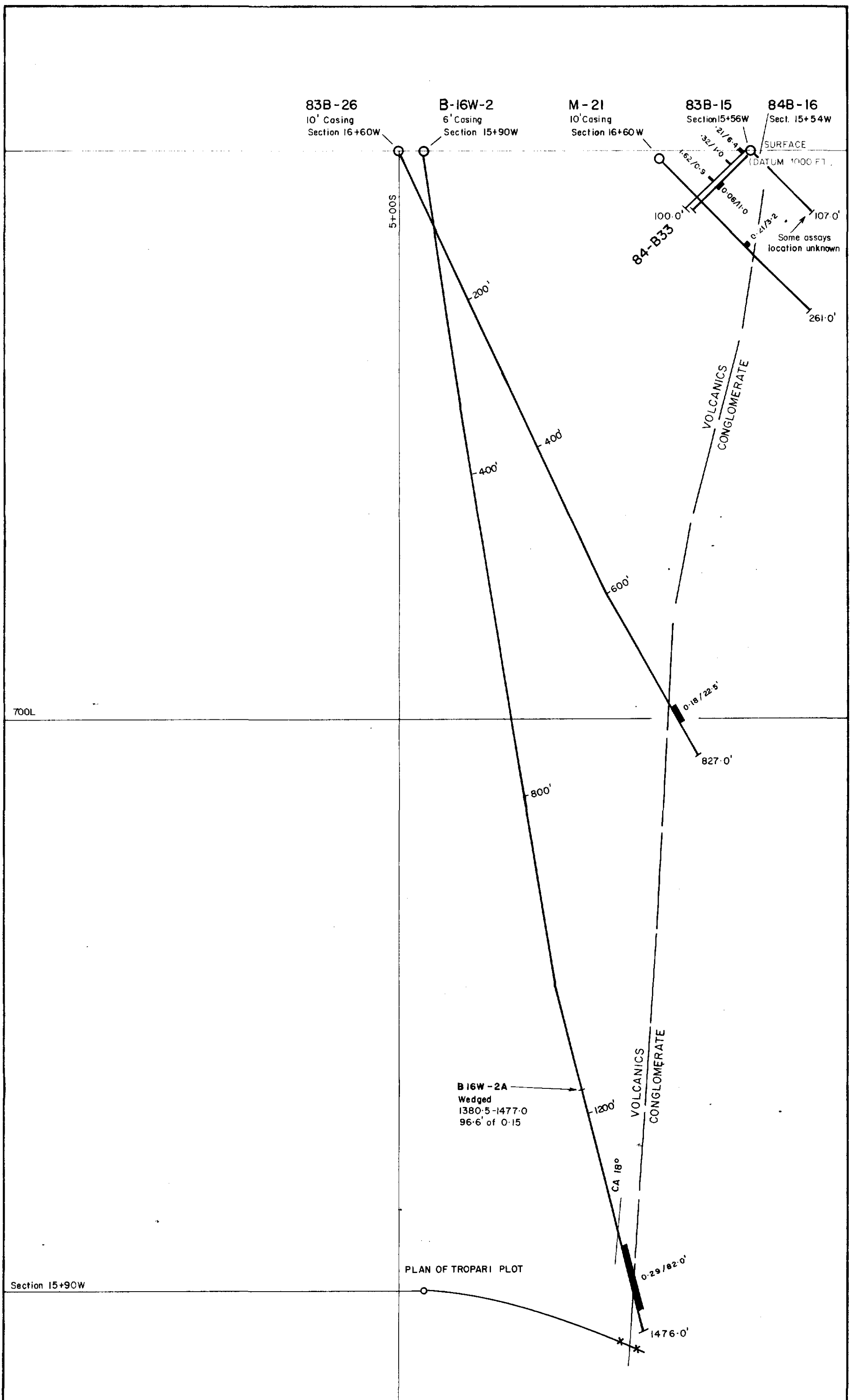
FOXEAR SOUTHEAST GRID

IRWIN TOWNSHIP, ONT.

May 1986 drawn by: Barbara Kowalski

PLATE 1

280



Brookbank N. Grid

HUDSON BAY EXPLORATION AND DEVELOPMENT COMPANY LIMITED

METALORE RESOURCES PROPERTY

Irwin Twp., Ontario

SECTION 16+00W

LOOKING 252°

DRAWN : ROM	SCALE : 1"= 100'
DATE May 1986	DWG. No. 796

B26 W2
Section 26 + 00 W
Collar Bearing 334°

83 - B7
Section 26+00W

SURFACE
(DATUM 1000 FT.)

Casing

5+00S

200'

600'

700L

1000'

0·02/2·5

B26W -2A
Wedge
1135' - 1436'
similar values to
B26W2

0·07/12·4

0·015/20·0

VOLCANICS

CONGLOMERATE

0·01/25·0

0·017/15·1

0·046/2·5

1420·0'

342°

0·38/1·7' ozs Au/ton / feet

300

Boundbank N. Grid

HUDSON BAY EXPLORATION AND DEVELOPMENT COMPANY LIMITED

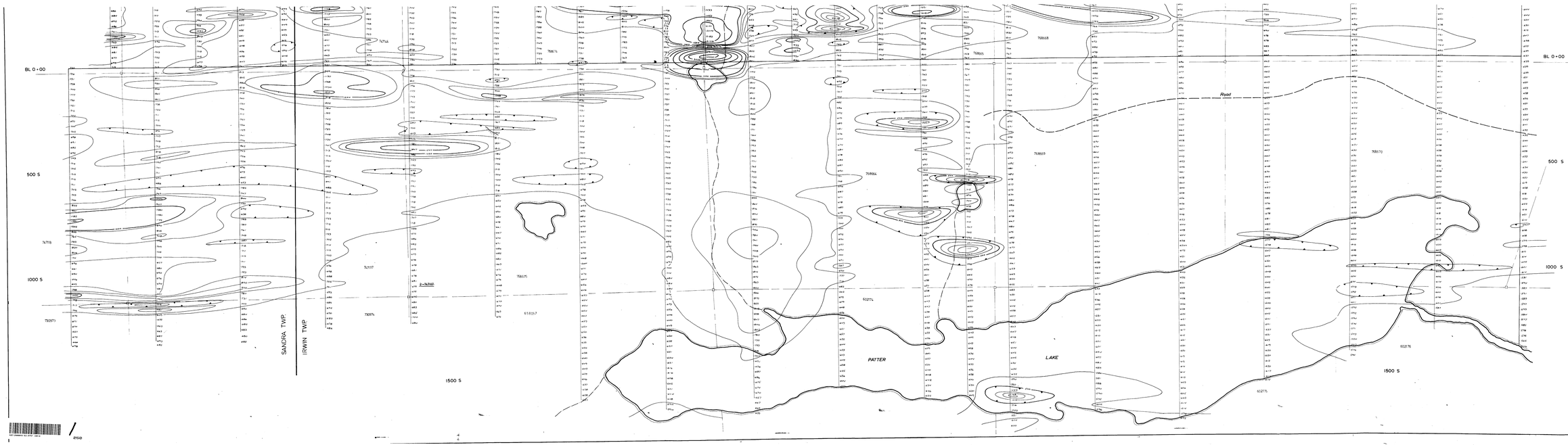
METALORE RESOURCES PROPERTY

Irwin Twp., Ontario

SECTION 26+00W

LOOKING 252°

DRAWN : JGB	SCALE : 1" = 100'
DATE : Feb. 1987	DWG. No.: 807



63.4757
OM84-408

MAGNETOMETER SURVEY
METALORE RESOURCES LTD.
PATTER NORTH GRID. IRWIN TWP., ONT.
SCALE - 1 IN. = 100 FT. | DATE - FEB. 1986. | N.T.S. - 42-E-12
GLM EXPLORATION SERVICES


63.4757
OM84-40R
VLF SURVEY
METALORE RESOURCES LTD.
PATTER NORTH GRID
IRWIN TWP., ONT.
SCALE - 1 IN. = 100 FT.
DATE - FEB., 1986.
N.T.S. - 42-E-12
GLM EXPLORATION SERVICES
SURVEY NOTES
INSTRUMENT - GEONICS EM-16
STATION - CUTLER, ME.
READING DIRECTION - FACING NORTH
PROFILE SCALE - 1 IN. = 20 %
DIP ANGLE
FIELD STRENGTH
TOPOGRAPHY
CLAIM POST
LAKESHORE
CREEK
SWAMP
OUTCROP
BL 0+00
500 S
1000 S
1500 S
SANDRA TWP.
IRWIN TWP.
PATTER
LAKE
Road
G
D′
B′