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**REPORT ON BEARDMORE AREA PROPERTIES
ELMHIRST AND RICKABY TOWNSHIPS, ONTARIO
FOR GOLDTECK MINES LIMITED**

**November 21, 1988
Vancouver, B.C.**

W. R. Bergey, P.Eng.

01187-4- L-325

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APPENDED REPORTS

- Goldteck Properties, Beardmore Area, Ontario
- W.J. Matthews, P.Eng. (October, 1987)
- Goldteck Exploration Program,
Beardmore Area, 1987-88
- W.J. Matthews (May, 1988)
- Report on Errington Industrial Enterprises Ltd.
Longlac - Sturgeon River Area Property,
Elmhirst Township - John A. Honsberger, P.Eng.
(August 25, 1986)
- Report on Mining Property, Rickaby Mines Ltd.,
Rickaby Twp. - A.D. Pudifin, B.Sc.,
Consulting Geologist (February 15, 1975)

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Please Note:

Similar diamond drilling logs can be found in the following series:

D.D.H # 88-01 } see Toronto diamond drilling
88-02 } file # 18 Elmhurst Twp.
88-03 }
88-04 }

D.D.H # 87-3 } see Toronto diamond drilling
87-8 } file # 15 Elmhurst Twp.

These logs have not been culled out to preserve the continuity of this file.

**REPORT ON BEARDMORE AREA PROPERTIES
ELMHIRST AND RICKABY TOWNSHIPS, ONTARIO
FOR GOLDTECK MINES LIMITED**

INTRODUCTION

Goldteck Mines Limited carried out a major diamond drilling program on three properties in Elmhirst and Rickaby Townships, Beardmore Area, Ontario during the period November, 1987 to March, 1988. The diamond drilling consisted of 28 holes totalling 5,508.5 metres (18,068 feet).

The Beardmore area properties include a total of 106 claims. The Wilkinson Lake property (6 claims) is owned outright by Goldteck. The Elmhirst Property (64 claims) and the Kenty/Rickaby property (36 claims) were optioned from 745714 Ontario Limited whose principals include Arthur Rosenblatt and Al G. Shack.

The diamond drilling was carried out by Johnex Drilling and its successor, Mother Lode Drilling. The program was directly supervised by W. J. Matthews, P.Eng., under my overall direction. Core logging was carried out by S. M. Pudifin, Geologist.

A summary report prepared prior to the drilling by W. J. Matthews, which is appended to this report, discusses the background to the project.



LOCATIONS AND ACCESS

The Goldteck/Beardmore properties are located approximately 15 kilometres north of Jellicoe which lies 30 kilometres east of Beardmore along Highway 11.

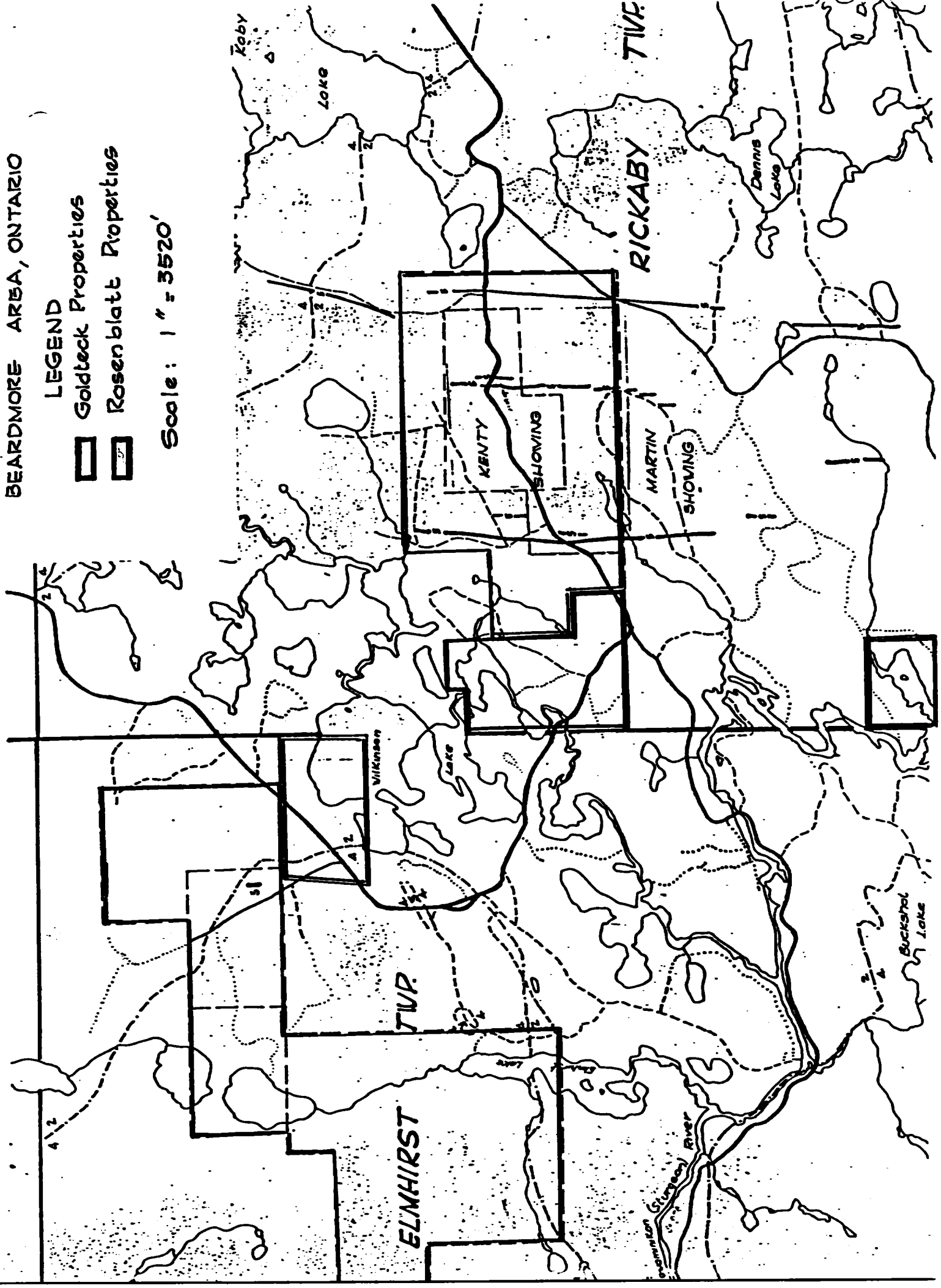
Access to the properties is afforded by an all-weather gravel road - the Kinghorn Road. Local access is provided by logging roads and trails.

**GOLDTECK MINES LIMITED
BEARDMORE AREA, ONTARIO**

LEGEND

-  Goldteck Properties
-  Rosenblatt Properties

Scale: 1" = 3520'



WILKINSON LAKE PROPERTY

Previous Work

Auriferous quartz veins were discovered and trenched during the mid-1930's but the first serious exploration was carried out by Metalore Resources in 1978. This consisted of 13 diamond drill holes, mainly in the northwesterly-trending No. 1 Zone. During 1980, Dome Exploration put down 11 diamond drill holes, again mainly in the No 1 Zone. Total drilling prior to the Goldteck program is reported to be 7,188 feet.

A report by John A. Honsberger, a copy of which is appended, contains a more detailed account of previous work.

Geology

The property lies within a belt of felsic to intermediate volcanics which is enclosed within mafic volcanic rocks along the north flank of the major sedimentary belt extending from Geraldton to Lake Nipigon. The property was mapped in detail by S. M. Pudifin. Northeasterly-trending volcanic rocks, predominantly rhyodacite to dacite, are interrupted in the western part of the claim group by the eastern margin of a large granitic pluton which occupies most of the western part of Elmhirst Township.

The No. 1 Vein Zone occupies a northwest-trending sericitized and chloritized shear. Trenching within the zone indicated erratic Au values across widths of up to 20 feet. Drilling by Metalore and Dome below the surface trenching suggested an erratic southeasterly-plunging auriferous shoot within a broad mineralized zone having a similar plunge. Gold values within the shoot tend to be erratic, with a maximum grade of 1.92 oz/ton Au across one metre in Hole 78-10.

W. J. Matthews interpreted several cross faults through the main zone. His drilling layout was based in part on this interpretation.

Geophysical and Geochemical Surveys

A VLF/EM survey was carried out in April, 1987. A strong linear conductive zone was indicated to extend across the contact of the granitic intrusive in the west-central part of the property. It has a continuous strike-length of at least 800 metres. The anomaly follows low ground for most of its length and is caused at least in part by conductive surface materials. However the continuity of the feature and the abrupt change in strike at the contact of the intrusive suggested that both the subsurface topography and the geophysical results are the expressions of a structural zone. Two holes were drilled subsequently to test this interpretation.

Humus sampling was carried out by W. J. Matthews. Weak Au indications were obtained close to the No. 1 Zone. The results were interpreted by Matthews to indicate a mineralized zone trending north-northeast, divergent to the westerly trend of the No. 1 Zone. Several of the holes in the subsequent drilling program were based on this interpretation.

Discussion of the Drilling Results

A total of 3,391 metres (11,122 feet) of drilling was completed in 19 diamond drill holes during the 1987/88 program. Gold assaying was carried out on 645 core samples and 500 sludge samples. Sludges were collected at intervals of 10 feet whenever possible.

The locations of the drill holes are shown on the accompanying map. For a more detailed representation the reader is referred to the attached report by W. J. Matthews, "Goldteck Exploration Program, Beardmore Area, 1987-88".

Seven drill holes were put down to test a northeast-trending geochemical anomaly on 4 sections, 40 metres apart. The sections from west to east were:

Section 80 W - 87-15
Section 40 W - 87-2, 3
Section 0 - 87-4,5
Section 40 E - 87-12, 13

There appears to be some validity to the suggestion of a mineralized structure sub-parallel to the baseline in this vicinity, although the extremely weak geochemical anomaly on which the interpretation was partly based is probably a coincidence. All of this group of holes intersected an altered shear containing anomalous Au values. This zone has a width of up to 25 metres; it appears to dip steeply to the southeast. The sheared dacite has been sericitized and carbonatized. Quartz veins and stringers generally are conformable with the shearing.

In most holes, anomalous Au values (i.e., greater than 100 p.p.b.) are fairly erratic within the sheared rock. The best Au intersection is in hole 87-3, consisting of 11.15 metres at a grade of 458 p.p.b. (0.013 oz/ton). The average for this interval is higher than any single assay from the other holes.

Drilling was carried out along 3 sections, 30 metres apart, to test the interpreted eastward extension of the No. 1 Zone. All of the holes were drilled N60°E.

Northern Section - 87 - 1, 6, 11
Central Section - 87 - 7, 8
Southern Section - 87 - 9, 10

All the holes intersected altered (sericite/chlorite) schists which may be related to a single zone of shearing. The zone has a width of up to 25 metres. Superficially, it appears that the widest shearing and highest Au values plunge to the south.

The best Au values occur close to surface in the Northern Section in Hole 87-11 - 8.7 metres at 830 ppb Au, including 1.5 metres at 3308 ppb (.096 oz/ton). The values decrease in depth in this section -- 453 ppb/8.6 metres in 87-6 and 133 ppb/1.5 metres in 87-1.

Both holes in the Central Section intersected a wide shear zone (16 metres) and fairly wide zones of anomalous Au mineralization -- 428 ppb/7.9 metres in 87-7 and 359 ppb/5.7 metres in 87-8.

The upper hole in the Southern Section (87-9) intersected two narrow shears which did not contain significant Au values. A 12-metre shear in 87-10 hosted a mineralized zone of 374 ppb/3.0 metres.

D.D.H. 87-14 was drilled as an offset to earlier hole 78-10 which intersected 1.92 oz/ton Au across one metre. The best assay from our hole was 1497 ppb (.043 oz/ton) across 1.55 metres. The mineralization in both cases occurs within an altered shear zone more than 10 metres in width.

D.D.H. 87-16 was drilled in the same section of 78-1 and 78-2 which had mineralized intersections within the No. 1 Zone -- 0.13 oz/ton across 2.6 metres and 0.2 oz/ton across 1 metre. Our hole cut 1355 ppb (.04 oz/ton) across 7 metres, including 4350 ppb (0.13 oz/ton) across 1.5 metres, a good correlation with the previous drilling.

D.D.H. 87-17 was drilled in the No. 1 Zone between Hole 78-5 and 78-6 both of which had two significant intersections:

- 78-5 - .43 oz/ton across 3.0 metres
- .12 oz/ton across 1.2 metres
- 78-6 - .15 oz/ton across 1.5 metres
- .54 oz/ton across 0.4 metres

Our drill hole cut 8900 ppb (0.26 oz/ton) Au over 1.7 metres.

The final two drill holes on this property, 87-18 and 87-19 were intended to test the VLF-EM anomaly close to the contact of the granitic intrusive.

D.D.H. 87-18 remained within the intrusive throughout. A number of narrow (<1 metre) veins and mineralized fractures carrying anomalous Au values were encountered. No obvious cause for the geophysical response was suggested.

D.D.H. 87-19 was collared in granodiorite and penetrated the volcanic contact at 106 metres. The contact appears to be irregular; quartz diorite and granodiorite were intersected in much of the remainder of the hole. Several 1.5-metre zones containing anomalous Au values (300-500 ppb) were detected in the core. There was no indication of the cause of the geophysical anomaly. The sludge sampling indicated 6 metres of 2572 ppm Au (0.075 oz/ton) in granodiorite. The same interval in the core returned moderately anomalous values (220 ppb).

Conclusions

The No. 1 Vein Zone and its faulted extension to the southeast was tested by 10 diamond drill holes. The drilling confirmed the occurrence of erratic gold values in a shear zone, with the best values occurring within southeasterly-plunging shoots.

A northeast-trending shear zone was tested by 7 diamond drill holes for a length of 120 metres. This zone is anomalous in Au but no values approaching ore grade were encountered.

Two holes were drilled to test a VLF-EM anomaly close to the contact of the granitic pluton in the western part of the property. Scattered anomalous to highly anomalous Au values occurred in the drilling but no cause for the anomaly was evident.

Recommendations

It appears to be extremely unlikely that economic Au mineralization occurs close to surface in the No. 1 Vein Zone and no further drilling is recommended for this Zone at this time. The tenor of mineralization encountered in the "Baseline Shear Zone" was not sufficiently high to provoke further interest.

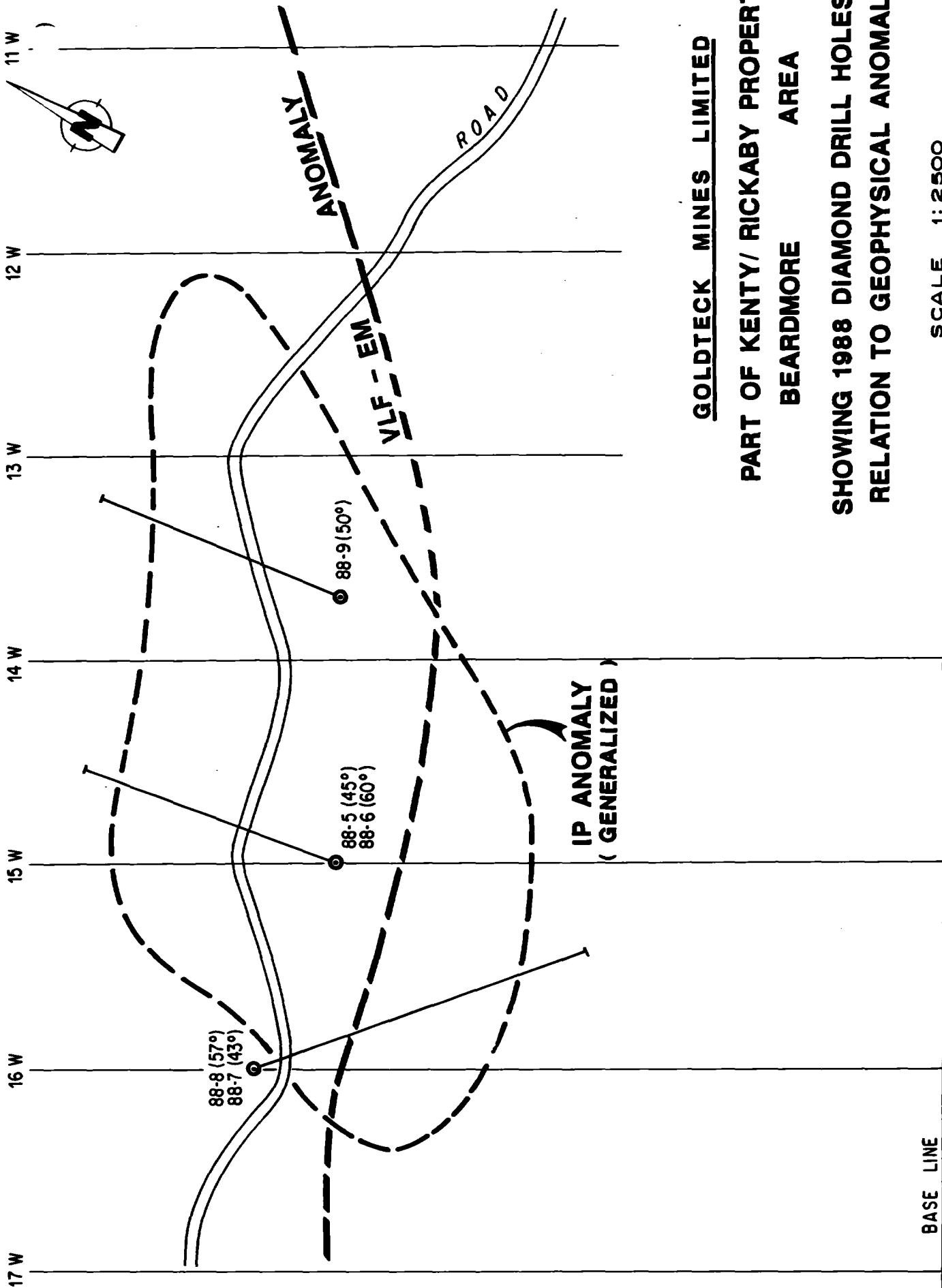
The drilling results indicated that scattered Au values are widespread. In order to determine whether areas of greater concentration exist it is recommended that a systematic and detailed geochemical survey be carried out. Prior to commencement of the survey it will be necessary to evaluate the nature of the surficial material in order to determine the most effective sampling medium.

KENTY/RICKABY PROPERTY

Previous Work

- 1940's - Discovery of copper-gold showing by J. Kenty. Trenching was carried out during this period.
- 1950 - Barymin Company Ltd. completed a resistivity survey covering 400 acres.
- 1956 - Noranda Mines Ltd. carried out 4,039 feet of diamond drilling in 13 holes.
- 1967 - Rio Tinto Exploration Ltd. carried out geological mapping, magnetometer and electromagnetic surveying on part of the property.
- 1971 - Phelps Dodge Corp. carried out geological mapping and an induced polarization survey over part of the property, followed by 8,707 feet of diamond drilling in 15 holes.
- 1974 - Rickaby Mines Ltd. carried out geological mapping and an induced polarization survey over part of the property followed by 6,434 feet of diamond drilling in 14 holes.
- 1985 - Arthur Rosenblatt carried out a VLF/EM survey over most of the property.

Summary of Drilling: 19,180 feet in 42 holes.



GOLDTECK MINES LIMITED

**PART OF KENTY/ RICKABY PROPERTY
BEARDMORE AREA**

**SHOWING 1988 DIAMOND DRILL HOLES IN
RELATION TO GEOPHYSICAL ANOMALIES**

BASE LINE

SCALE 1:2500

NOV. 1988

Geology

The property lies within the same felsic to intermediate volcanic unit as the Wilkinson Lake Property. The central portion of the property is underlain by a sequence of felsic rocks, predominantly pyroclastic. Dacite is overlain by rhyodacite and rhyolite in a southerly facing sequence. Andesite flows and pyroclastics of the next volcanic cycle occupy the southern portion of the property. The volcanic sequence trends about N56°E and is truncated to the northeast by the Kaby Lake granitic pluton.

Most of the known mineralization is reported to occur in the rhyolite. Chalcopyrite, sphalerite and minor galena occur with pyrite in fracture fillings and disseminations according to a geological report by A. D. Pudifin, which is appended. Significant Ag and Au values occur within the mineralized rocks. There did not appear to be a consistent relationship between the values in precious metals and base metals.

The Noranda drilling concentrated on testing conformable mineralized zones south of the road. Phelps Dodge drilled 15 holes and Rickaby drilled 14 holes to test the zone at depth and to the east, as well as to explore a parallel zone north of the road.

Geophysical Surveys

The results of the geophysical surveys by Noranda and Phelps Dodge are not available. However it appears that the mineralization in the zones tested by drilling was not sufficiently conductive to be readily detectable by E.M. surveys at the frequencies used.

The I.P. survey by Rickaby Mines Ltd. covered most of the drilling area. A broad chargeability high occurs near the centre of the area but this seemed too wide to be accounted for by the sulphides in the known occurrences.

A large number of conductors are indicated by the VLF/EM survey carried out by Arthur Rosenblatt. One of these is coincident in part with the mineralization located in the Noranda drilling. The cause of the other anomalies has not been determined.

Discussion of the Drilling Results

Goldteck completed 1,042 metres (3,418 feet) of drilling in 5 holes, designated 88-5 to 88-9, inclusive. A total of 118 core samples and 129 sludge samples were collected and assayed for Cu, Zn, Au and Ag.

D.D.H. 88-5 and 88-6 were drilled north to test two interpreted south-dipping zones along and north of the road. D.D.H. 88-9 tested the same zones approximately 125 metres to the east. All of these holes intersected widespread disseminated pyrrhotite-pyrite-chalcopyrite-sphalerite mineralization containing low values in Ag and anomalous Au. Most of the mineralized rock is a dacitic pyroclastic.

Examples of some of the wider continuous zones of better grade are as follows:

<u>Hole No.</u>	<u>Metres</u>	<u>Cu(%)</u>	<u>Zn(%)</u>	<u>Ag (oz/t)</u>	<u>Ag (ppb)</u>
87-5	44.1- 51.8 (7.7)	0.29	0.11	0.53	61
	51.8- 57.5 (5.7)	0.07	0.28	0.17	37
	99.7-109.2 (9.5)	0.03	0.43	0.09	14
87-6	28.8- 37.7 (8.9)	0.25	0.13	0.50	46
	112.8-112.8 (10.7)	0.24	0.04	0.40	75
87-9	58.0- 69.0 (11.0)	0.37	0.02	0.20	54
	80.6- 86.6 (6.0)	0.25	0.11	0.32	76
	130.5-139.5 (9.0)	0.13	0.24	0.20	28

The precious metals correlate strongly with Cu and weakly with Zn. On the basis of the logs and the analytical data I would hesitate to assign the mineralization to definite continuous zones.

D.D.H. 88-7 and 88-8 were drilled southwest to test the purported mineralized zone along the road as well as the Kenty Zone to the south. Disseminated sulphides, mainly pyrrhotite with chalcopyrite and sphalerite occur discontinuously throughout the core from both holes. Three more-or-less distinct zones can be identified. All appear to dip to the north.

The northernmost zone occurs close to the road. The two holes intersected comparable grades in this zone:

DDH 88-7 46.5-50.4 (3.9m) 0.80% Cu, 0.08% Zn, 1.53 oz/ton Ag, 170 ppb Au
 DDH 88-8 48.2-54.2 (6.0m) 0.72% Cu, 0.08% Zn, 1.71 oz/ton Ag, 173 ppb Au

The Kenty showing appears to be the surface expression of the intermediate zone. This zone is well-defined by higher Cu values in 88-7 but is broader and more discontinuous in 88-8:

DDH 88-7 93.25-97.75 (4.5m) 0.4%Cu, 0.11% Zn, 0.82 oz/ton Ag, 57 ppb Au
DDH 88-8 94.2 -97.0 (2.8m) 0.21%Cu, 0.19% Zn, 0.45 oz/ton Ag, 54 ppb Au
(best part)

A broad zone of zinc-rich low-grade disseminated mineralization occurs lower in both holes. Again, the mineralization is more diffuse in the deeper hole, 88-8. Scattered Cu/Zn mineralization near the bottom of 88-8 apparently was not reached by the upper hole. The zinc-rich intersections are as follows:

DDH 88-7 137.3-181.2 (43.9m) .01% Cu, 0.22% Zn, 0.04 oz/ton Ag, 7ppb Au
DDH 88-8 131.65-157-65 (26.0m) .02% Cu, 0.10% Zn, 0.08 oz/ton Ag, 8ppb Au

Conclusions

The 5 drill holes in the 1988 program intersected discontinuous low-grade Cu/Zn mineralization throughout. However, no values approaching ore grade were indicated except over very short intervals.

In all of the mineralization Au and Ag show good correlation with Cu. There appears to be no significant correlation with Zn. On an overall basis it appears that 1% Cu correlates with 2 oz/ton Ag and 250 ppb Au (0.007 oz/ton).

The geological environment of the mineralization is suggestive of a volcanogenic massive-sulphide affiliation. The ratios of Cu:Ag:Au and the accompanying Zn and very minor Pb tend to support this assertion. However, this does not necessarily imply that the mineralization is stratabound at this locality. Detailed examination of the core and surface rocks should be undertaken to determine, if possible, the genesis of the mineralization.

The I.P. survey outlined a broad elliptical area which more-or-less encloses the 1988 drilling (see Figure). The shape of the anomaly does not suggest a stratabound zone of mineralization.

The significance of the VLF-EM survey is uncertain. The strongest part of one anomaly occurs over the best mineralization in Holes 88-7 and 88-8. However, this also is coincident with a swampy area. There are many equally strong VLF anomalies on the property in areas where no sulphide mineralization is evident.

Recommendations

1. It is recommended that detailed geological mapping be carried out in the vicinity of the known mineralized areas and that the core be re-logged in conjunction with this mapping. Previous geological studies concentrated on rock composition, much of which probably was erroneous to judge from a comparison of the various maps and logs. Greater emphasis should be placed on structures and textures of both rocks and sulphides in an attempt to determine the overall geological environment and the genesis of the mineralization.

2. Geochemical and self-potential test-surveys should be carried out over the known mineralized area. This will serve two functions -- as an aid in interpreting the extent and attitude of the mineralization, and to determine whether either or both of these methods would be effective in the exploration of the remainder of the property, much of which has received little work.

ELMHIRST PROPERTY

Previous Work

A VLF-EM survey was carried out in 1983 over a very large area, which included the Elmhirst Property, by Hill, Goettler, Delaporte Ltd. for the Elmhirst Lake Syndicate. This survey outlined two parallel conductors in the northeastern portion of the property covered in the present report.

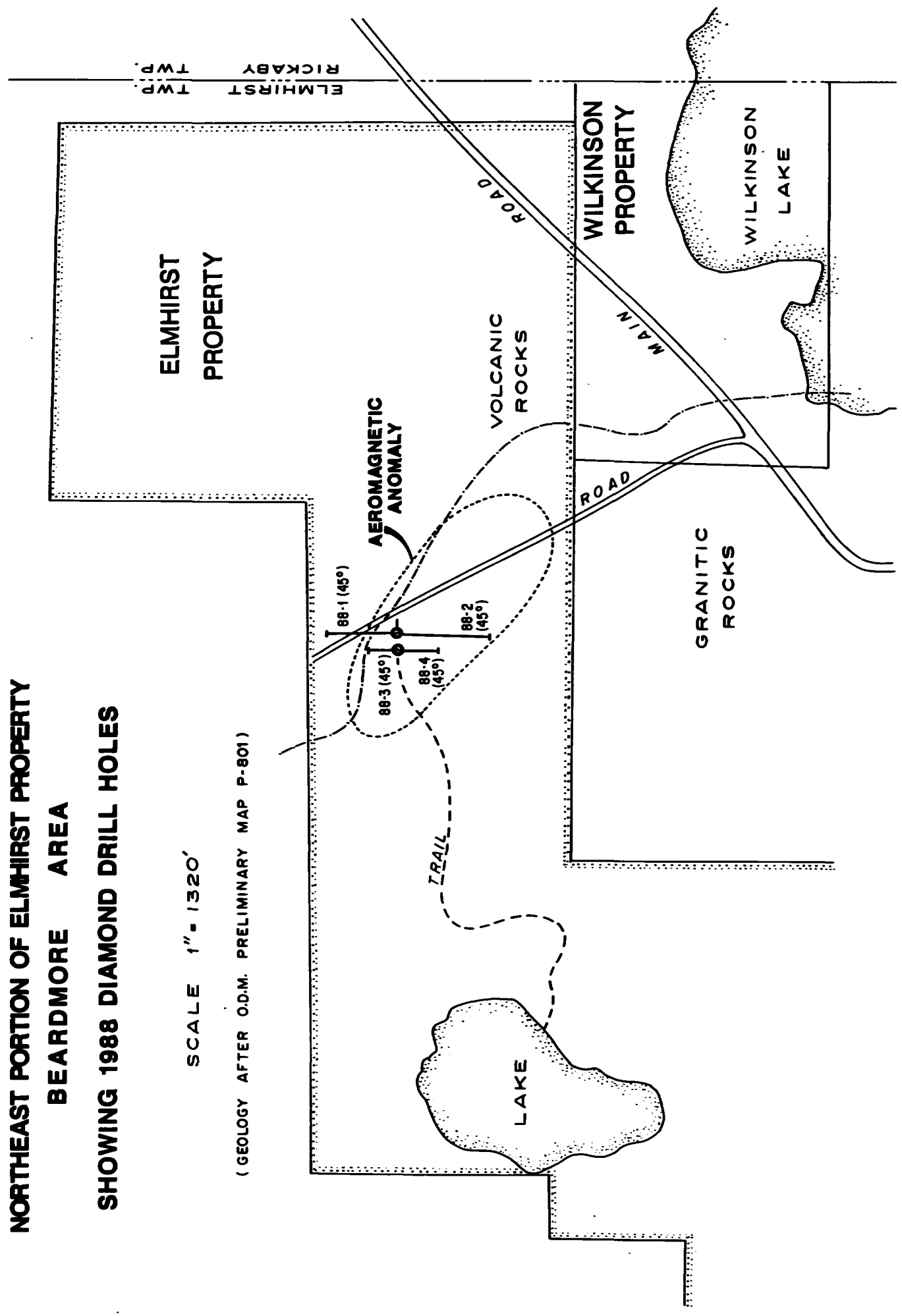
A.G. Shack and A. Rosenblatt contracted an airborne magnetic, electromagnetic (Geotem) and radiometric survey by Geoterrex in July, 1986. The survey covered the area of the current property. A northwesterly-trending magnetic anomaly about 1,000 metres in length was detected along the margin of the granitic intrusion in the vicinity of the ground VLF anomalies. The airborne EM survey did not show any response in this area.

Trenching was carried out in 1987 by W. Miron in the northeastern corner of the property. A sulphide gossan was noted along the edge of the low ground at the deepest portion of the trench.

GOLDTECK MINES LIMITED
NORTHEAST PORTION OF ELMHIRST PROPERTY
BEARDMORE AREA
SHOWING 1988 DIAMOND DRILL HOLES

SCALE 1" = 1320'

(GEOLOGY AFTER O.D.M. PRELIMINARY MAP P-801)



Geology

The property is underlain almost entirely by the large granitic pluton described earlier in connection with the Wilkinson Lake Property. Felsic to intermediate volcanic rocks occur in the northeastern corner of the claims. O.D.M. Preliminary Map P.801 of Elmhirst Township shows quartz-feldspar porphyry along the contact of the pluton in this vicinity. The porphyry is inferred to be part of the volcanic sequence.

Discussion of the Drilling Results

Two pairs of holes were collared in granodiorite close to the contact of the pluton in the vicinity of the airborne magnetic anomaly. Holes 88-1 and 88-2 were drilled north and south respectively to test the two VLF conductors from the 1983 survey. Holes 83-3 and 83-4 were also drilled north and south respectively, from a point 30 metres west of the first pair.

The holes drilled to the north intersected a number of narrow weakly anomalous zones in the granodiorite. Maximum value was 195 ppm Au. The lower part of Hole 88-1 intersected quartz-feldspar porphyry in the contact zone of the pluton.

DDH 88-2 intersected five zones, 1 metre or less in width, which contained 0.03 to 0.06 oz/ton Au in altered granodiorite. An altered mafic dike within the altered granodiorite contained 473 ppb Au (0.014 oz/ton) across 3.1 metres.

The altered granodiorite was not encountered in DDH 88-4, only 30 metres to the west. The best values in this hole occurred in sheared quartz diorite -- 174 ppb Au across 12.6 metres. The remainder of the hole intersected only narrow zones containing weakly anomalous Au.

Conclusions

The best indications of Au mineralization were noted in altered granodiorite in DDH 88-2. The altered rock is chloritized and pyritized, especially along fractures. Sericite occurs locally. Although the gold-bearing zones are narrow and widely spaced the altered zone warrants follow-up. Unfortunately, this zone was not encountered in DDH 88-4, which lies 30 metres to the west.

The cause of the airborne magnetic anomaly is not apparent from the logs. Magnetite is mentioned at several locations within the altered granodiorite, however. Follow-up on this is warranted.

The cause of the VLF-EM anomalies was not determined in the drilling.

Recommendations

1. Detailed geological mapping of the northeastern part of the property is recommended. Particular attention should be paid to locating and outlining the altered granodiorite.
2. A magnetic log should be made of the core to determine whether the airborne magnetic anomaly has an relationship with the alteration in DDH 88-2.
3. The possibility of using geochemical prospecting methods should be considered. An evaluation of glacial deposits on the property is recommended.

Respectfully submitted,


W. R. Bergey, P.Eng.

November 21, 1988
Vancouver, B.C.

REPORT OF MINING PROPERTY
RICKABY MINES LIMITED
RICKABY TOWNSHIP
THUNDER BAY MINING DIVISION
ONTARIO

FEBRUARY 15, 1975.

A.D. Pudifin, B.Sc.,
Consulting Geologist.

REPORT ON MINING PROPERTY
RICKABY MINES LIMITED
RICKABY TOWNSHIP
THUNDER BAY MINING DIVISION
ONTARIO

PROPERTY

The property covered by this report is comprised of fifty unsurveyed, unpatented mining claims of about forty acres each, registered with the Ontario Ministry of Natural Resources as follows:-

TB-267733, TB-267793, TB-267794
TB-303226 to TB-303237 incl.
TB-333941 to TB-333944 incl. ✓
TB-333949 to TB-333952 incl. ✓
TB-333959 to TB-333974 incl.
TB-350447 to TB-350457 incl.

Total: 50 claims.

Total area of the claim group is about 2,000 acres.

LOCATION AND ACCESS

The property is located in the central part of Rickaby Township, Thunder Bay Mining Division, Ontario, about 8 miles due north of the village of Jellicoe.

It may be reached from a point on the Trans-Canada Highway No. 11, 5 miles east of Jellicoe, then 17 miles northward by gravel road on to the property. The property adjoins to the southwest of Kaby Lake. Numerous gravel and bush roads cross the property which has been largely cleared of timber. Two other small lakes occur on the property. The Sturgeon (Manewaminikan) River passes about $\frac{1}{2}$ mile west of the west boundary.

Canadian National Railway and natural gas pipeline parallel Highway No. 11, 8 miles to the south.

HISTORY

Surface prospecting by Mr. J. Kenty prior to the 1940's located copper-gold mineralization on which some trenching was carried out.

In 1950 a Resistivity Survey was carried out by Barynin Company Limited over about 400 acres which is now part of the present property.

In 1956, Noranda Mines Limited carried out 4,039 feet of diamond drilling in 13 holes.

In 1967, Rio Tinto Canadian Exploration Limited optioned properties from Assed, Taylor and Tyson now comprising part of Rickaby Mines Limited property. Rio Tinto carried out geological mapping, magnetometer and an electromagnetic survey on part of the property.

In 1971, the present property was acquired by A. Douglas and partners and optioned to Phelps Dodge Corporation of Canada Limited. The latter company carried out a partial coverage of geological mapping and Induced Polarization Survey, followed by 8,707 feet of diamond drilling in 15 holes on the main mineralized zone.

In addition, 9 X-ray holes totalling 1,054 feet of drilling were put down in the area of Line 3E, 200 to 300 feet north of the baseline. These holes were put down for geological information. The core was not assayed although considerable chalcopyrite mineralization was encountered. There was considerable grinding of the core.

Phelps Dodge Corporation dropped their option on the property in August, 1972, which was subsequently acquired by Rickaby Mines Limited. Rickaby Mines Limited carried out some Induced Polarization survey work and 6,434 feet of diamond drilling in fourteen holes in 1974.

GENERAL GEOLOGY

The property lies within a general "greenstone" belt which extends from the Longlac area, westerly to Lake Mipigon, a distance of about 80 miles. This belt varies from about 8 to 25 miles wide.

This belt includes rocks of Archaean Age including basic to acid volcanic flows, tuffs and agglomerates and some interbedded metasediments, including Iron Formation.

Numerous intrusive rocks occur within the greenstone belt which are mostly granitic composition with lesser amounts of granodiorite, quartz diorite, diorite and syenite. All of these rock types are porphyritic in places. Lesser amounts of basic intrusives occur - mainly diabase and gabbro and some lamprophyre.

A large number of occurrences of gold, copper and some zinc, nickel, silver, lead, molybdenum and iron are found within the greenstone belt.

LOCAL GEOLOGY

The property is largely underlain by acid volcanic rocks and by some andesite on the southerly part. The acid volcanic rocks are comprised mostly of dacite, rhyodacite and rhyolite.

The rocks have a general strike of about 56° . The shearing dips from about 80° north to 80° south.

At least part of the andesite band is pillowed but includes some large angular blocks. This band occurs about 500 to 600 feet southward of the axis of the main known mineralized zone. The rocks in the central part of the property are typical of a complex in the vicinity of a volcanic pipe. It is not certain whether the 'southerly' andesitic band is the base of the pile including the main mineralized zone to the north, or the base of a second cycle of volcanism building up to the south. There is some evidence for the latter, but due to alteration, size gradation relationships have not been noted in the drill cores which would lend support to either possibility.

The main rhyolitic band which occurs in the central part of the property is at least 3,000 feet long and up to at least 600 feet wide. Most of the known mineralization occurs in this band.

An east-westerly striking dyke of lamprophyre cuts across part of the property including the rhyolite. A few north-south striking diabase dykes occur.

The northeasterly four claims include the contact zone of the Kaby Lake intrusive of granite-granodiorite. It is possible that this plug intruded at or near the centre of the main volcanic pile. The former Dic-Dic Gold Mine occurs along this contact about $2\frac{1}{2}$ miles to the northeast of the Ricksby Mines property.

Most of the rocks on the property are out by dykes and lenses of feldspar porphyry.

Most of the rocks in the area are lightly to moderately feldspathized and sheared in an east-west to slightly south of east direction. A left-handed drag fold occurs in the rhyolite in the vicinity of line 4W, 200 to 300 feet south of the baseline.

Increase of zinc values to the westward and with depth suggest a 'sub' volcanic pile originating in that direction.

GEOPHYSICAL SURVEYS

The electromagnetic survey carried out by Rio Tinto in 1967 did not disclose any significant conductivity. This may be due to the highly siliceous character of the host rock and even distribution of non-connecting sulphide particles, evidenced in the drilling.

A magnetometer survey carried out by the same company similarly indicated no significant anomalies related to the known sulphide zone. The only basic minerals present is chlorite and very minor occasional magnetite. Minor pyrrhotite occurs in a least part of the zone.

The magnetometer survey did indicate some north-south striking diabase dykes, and some east-west striking lamprophyre dykes.

The induced Polarization Survey carried out by Phelps Dodge Corporation shows three anomalous zones, one of which roughly coincides with the main known mineralization. The higher grade zone is well indicated on Line 8E and Line 4E. On line 0, the electrode configuration and separations used would probably be unable to indicate the pipe-like occurrence of higher grade sulphides if the plunge to the westward is 45° - 50° . Similarly, any mineralization to the westward along the plunge would be too deep to be detected with the electrode separations used.

The second I.P. anomalous zone was tested by two holes which cut three zones low grade of mineralization over a cumulative width of 150 feet. The main part of this anomaly which is 1,800 feet long is not tested by drilling.

The third and weaker I.P. anomalous zone is a general continuation to the northeast to eastward of the known mineralized area. It is about 4,000 feet long, and has been tested by one hole. The cause of the anomaly was not explained by the drilling. The area is largely covered by overburden and swampy ground. Two outcrops indicate that the weaker I.P. anomaly is underlain by rhyolite and is hence worthy of further investigation.

Another zone of weak I.P. response occurs on the southerly parts of claims 303230, 303231, 303232, 303233 and 303234. On line 8E and on line 24E, the contractor, McFar Geophysics Limited, interprets the response as "probable". The remainder of the "zone" is interpreted as "possible" anomalous zone. These zones have not been drilled. No outcrop occurs in the immediate area of the "probable" anomalies.

Rickaby Mines Limited carried out detailed Induced Polarization checkwork between line 8W and line 12E at 200 foot line intervals covering the central part of the main mineralized area.

Anomalous chargeability was obtained from line 8S to line 2W. Anomalous results were also obtained on line 12E, and on line 6W at electrode separations designed to have greatest response at 500 feet depth.

The results would appear to confirm a southwesterly plunge to the mineralization.

The higher response on line 12E, at 2+00W at a depth of 500 feet, might indicate a continuation of the mineralized zone to the east after a weaker response of line 10E. The area to the east of line 12E was not surveyed in detail.

MINERALIZATION AND DIAMOND DRILLING

Chalcopyrite and sphalerite with some galena and silver values occur with pyrite as disseminated and fracture fillings in a shear zone in rhyolite, rhyolite breccia and related tuffs in the central part of Claim 287733. Some small masses and blebs of chalcopyrite also occur in trenches, known as the Kenty showing.

Disseminated chalcopyrite is also found in rhyolite to dacite rocks in the southeasterly part of Claim 303228. A rusty weathering zone of sulphide mineralization has also been found in claim 333964 but has not yet been opened up.

Some carbonatization and black chlorite usually accompany the chalcopyrite. Work carried out by Noranda Mines Limited and predecessors exposed copper mineralization in trenches over a strike length of 800 feet.

Noranda drilled 10 holes along a length of 750 feet in a northeast southwest direction. These holes picked up scattered mineralization. The better sections are as follows:

Hole	From	To	Length (ft.)	Copper %	Gold Oz/Ton	Silver Oz/Ton	Lead %	Zinc %
1	118.5	123.0	4.5	.31	tr.	.24	-	-
3	94.7	97.0	2.3	.15	.14	.15	nil	.78
4	40.8	42.0	1.2	2.68	tr.	2.7	nil	.09
4	54.0	55.0	1.0	1.43	tr.	.58	nil.	.07
4	127.0	130.0	3.0	1.08	tr.	1.26	nil	4.68
4	130.0	133.2	3.2	.19	tr.	.30	nil	3.48
6	185.0	188.0	3.0	.06	.02	2.84	nil	.33

Subsequent surface work, including geological mapping extended the mineralized area to some 600 feet wide by about 2,600 feet long. Mineralization is irregular and somewhat patchy but higher grade material occurs in a lighter colored, brecciated rhyolitic fragmental to lapilli tuff horizon which is cherty in places.

Phelps Dodge Corporation drilled 15 holes along a length of 900 feet in a northeast-southwest direction between line 0 and 900E partly including the area drilled previously by Noranda. The drilling intersected widespread mineralization of low grade copper, zinc and silver. Rickaby Mines Limited carried out 6,434 feet of drilling in fourteen holes in 1974.

The more interesting intersections are as follows:

HOLE	INCLINATION	FROM	TO	CORE LENGTH (ft.)	Cu %	Ag oz/Ton	Zn %
1	-45°	337	357	20.0	.22	.11	
		390	417	27.0	.51	.39	
2	-45° including	701	803	102	.58	.67	
		761	791	30	1.18	1.10	
4	-45°	63.5	71	7.5	1.52	.19	
		114	234	120	.90	.50	
		including		10 (164-174)	.11 oz.	gold/Ton	
5	-45°	254	284	30	.22	.13	
		328	348	20	.25	.15	
6	-47°	208	258	50	.32	.21	
		352	412	60	.31	.35	
7	-45°	132	372	240	.378	.33	
8	-47°	72	182	110	.13	.16	
		338	398	60	.23	.31	
		418	448	30	.59	.52	
		481	521	40	.36	.35	
9	-50°	64	194	130	.71	.37	
10	-50°	270	290	20	.49	.35	
12	-45°	308	328	20	.29	.39	
13	-55°	340	433	93	.28	.33	.12
		522	582	60	.29	.46	.30
16	-75°	757	767	10	.58	1.24	
		860	870	10	+.49% Zn, .01Au oz/Ton		
					.52	.88	
					+.53% Zn, .01Au oz/Ton		
R20	-45°	325	341.6	16.6	.40	.35	
R21	-45°	87.2	146.3	59.1	.63	.33	
		177.3	189.4	12.1	.47	.39	
		259.0	266.0	7.0	.36	.46	
R22	-45°	32.0	52.4	20.4	.37	.31	
		107.2	112.2	5.0	.47	.36	
R24	-50°	88.5	163.7	75.2	.82	.43	
R25	-48°	10	50	40			.23
		230	245	15		.24	
		300	311	11	.25	.25	
R26	-48°	35	105	70			.41
R27	-50° including	515	585	70	.45	.70	
		540	570	30	-	-	.28
R28	-90°	65	175	110	.70	.40	
R30		58	140	82	.43	.37	

Hole R.29, a vertical boring was drilled just off (south) of the mineralized zone. It did not encounter economic mineralization.

Holes R.31 and R.32 were drilled on an outlying weak Induced Polarization anomaly. No mineralization of economic significance was encountered in these holes. The cause of the anomaly remains unexplained.

Hole R.33 was drilled on a rusty, fractured zone found on surface on claim 333969. This hole intersected strong shear zones with pyrite and strong carbonatization. The dacite host-rock is cut by syenite and quartz-feldspar porphyry dykes. This zone is about 1,500 feet to the south of and somewhat parallel to the main mineralized zone.

Numerous other slightly lower grade sections occur. Several mineralized zones were out in the drilling which have not been sampled.

It appears from the drilling pattern carried out that a higher grade pipe-like zone occurs which plunges at about 30° to 40°, in a direction of about 235°, coming closer to surface in the vicinity of 9+00E, 3+00X. This is substantiated by the higher values obtained on sections 8+50E, 8E, 6E and 4E. Hole 27 wandered about 100 feet to the east from section 4E and would have undercut the zone. Several shallow X-Ray drill holes were put down in the area where the zone projects to surface. Most of these holes intersected heavier chalcopyrite mineralization. The sections obtained were not split or sampled due to the high percentage of ground core. The holes were put down mainly for geological purposes and to examine the character of the mineralization.

This interpretation appears still valid from results of the drilling carried out by Rickaby Mines Limited. A series of deeper holes will be required to examine the zone at depth and to search for higher grade material which is believed likely to exist closer to a volcanic vent. Additional drilling will also be required to examine the easterly extension of the zone.

SUMMARY OF REPORT, AND RECOMMENDATIONS

Rickaby Mines Limited holds under option fifty contiguous, unpatented, unsurveyed mining claims of about forty acres each. They are located in Rickaby Township, Thunder Bay Mining Division, Ontario.

Total area of the property is about 2,000 acres.

The claims are underlain by acid volcanic rocks of rhyolitic to dacitic composition including tuffs, agglomerates and some breccias. Some andesite also occurs in the southerly part of the group.

The main rhyolite band occurring in the central part of the property is at least 3,000 feet long and about 400 feet wide. It thickens to about 600 feet wide from line 700E to 1600E. The rocks strike generally at about 56° . They are moderately sheared generally to strongly in places. The shearing cuts the volcanic bands at a low angle, and dips steeply north and south.

The volcanic rocks are cut by numerous dykes and lenses of feldspar porphyry and by some lamprophyre and diabase.

Chalcopyrite mineralization is found in an area about 600 feet wide by about 2,000 feet long. The mineralization is irregular and somewhat patchy. The higher grade material occurs mostly in the rhyolite and rhyolitic lapilli tuffs and breccias. The surrounding rhyodacites are mineralized to a lesser extent.

Work carried out by previous holders of the ground included surface prospecting and trenching which originally discovered copper, gold and silver mineralization. In 1950, a Resistivity Survey was carried out over a part of what is now the present property. This was followed in 1956 by 4,039 feet of diamond drilling in 13 holes along a length of 750 feet in a northeast-southwest direction. This work, by Noranda Mines Limited, picked up only scattered mineralization. In 1967 Rio Tinto Explorations Limited carried out geological mapping, magnetometer and electromagnetic surveys. The latter survey did not detect any significant conductivity, nor did the magnetometer survey indicate any significant anomalies related to the known mineralization.

The present property was staked in 1971 and optioned to Phelps-Dodge Corporation. This company carried out some detailed geological mapping and some Induced Polarization Survey work. This survey outlined three main anomalous zones, one of which roughly centres on the original surface showing distance to the northeast. These two anomalies are "moderate" to "strong" in places. The third zone is weaker and is about 4,000 feet long. In 1971-72, Phelps-Dodge put down 15 holes between line 0 and 9+00E, partly including the area previously drilled by Noranda. This drilling cut widespread mineralization containing copper, zinc and silver values.


Rickaby Mines Limited carried out some detailed Induced Polarization survey checkwork centred on the main mineralized zone. In 1974 a program of Diamond drilling was carried out in which fourteen holes were put down, totalling 6,434 feet. Some of the more interesting intersections from all the drilling are as follows:

HOLE	INCLINATION	FROM	TO	CORE LENGTH (ft.)	Cu %	Ag oz/Ton	Zn %
1	-45°	337'	357'	20.0	.22	.11	
		390	417	27	.51	.39	
2	-45° including	701	803	102	.58	.67	
		761	791	30	1.18	1.10	
4	-45°	63.5	71	7.5	1.52	.19	
		114	234	120	.90	.50	
		including		10 (164-174)	.11 oz. gold/Ton		
5	-45°	254	284	30	.22	.13	
		328	348	20	.25	.15	
6	-47°	208	258	50	.32	.21	
		352	412	60	.31	.35	
7	-45°	132	372	240	.378	.33	
8	-47°	72	182	110	.13	.18	
		336	396	60	.23	.31	
		418	448	30	.59	.52	
		481	521	40	.36	.35	
9	-50°	64	194	130	.71	.37	
10	-50°	270	290	20	.49	.35	
12	-45°	308	328	20	.29	.39	
13	-55°	340	433	93	.28	.33	.12
		522	582	60	.29	.46	.30
16	-75°	757	767	10	.58	1.24	
		860	870	10	+.49% Zn,	.88	.01 Au/Ton
					+.53% Zn,	.01 Au/Ton	
R.20	-45°	325	341.6	16.6	.40	.35	
R.21	-45°	87.2	146.3	59.1	.63	.33	
		177.3	189.4	12.1	.47	.39	
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		107.2	112.2	5	.47	.36	
R.24	-50°	88.5	163.7	75.2	.82	.43	
R.25	-48°	10	50	40			.23
		230	245	15		.24	
		300	311	11	.25	.25	
R.26	-48°	35	105	70			.41
R.27	-50° including	515	585	70	.45	.70	
		540	570	30	-	-	.28
R.28	-90°	65	175	110	.70	.40	
R.30		58	140	82	.43	.37	

C E R T I F I C A T E

I, ARTHUR DONALD FUDIFIN, of the Town of Val d'Or, in the Province of Quebec, hereby certify THAT:

1. I am a Geologist residing at Val d'Or, Quebec.
2. I am a graduate of McGill University, and have been practicing as a geologist since 1954.
3. I have no interest nor do I expect to receive any interest in the Mining Properties or Securities of Rickaby Mines Limited.
4. The accompanying report is based on my general knowledge of the area, and on a study of published Government reports and maps, and on a study of geophysical and geological data, diamond drill logs, plans, and sections and assay data pertaining to the property.
5. I have visited the property and have examined several of the outcrop areas. I have also examined the mineralized sections of the Phelps-Dodge drilling and all of the cores from the Rickaby drilling.



A.D. Fudifin, B.Sc.,
Geologist.

Val d'Or, Que.
February 15, 1975.

From the drilling carried out, it appears that the mineralization has a general pipe-like form, plunging at 30° to 40° in a direction of about 235° - 240°, projecting to surface in the vicinity of 9+00E, 3+00N.

Insufficient drilling has been carried out on some sections to delimit the zone. However, it is evident that the zone continues down-plunge to the westward, and that the zinc values, although low, increase to the westward and with depth. This suggests that at least one of the volcanic vents, giving rise to the mineralization, is located in that direction.

There is also a possibility of extending the zone to the eastward where only one hole has been drilled (No. 10), which returned 20 feet of .49% copper and .35 oz. silver per ton.

It is therefore recommended that an additional 10,000 feet of drilling be carried out in an effort to search for and build higher grade tonnage.

Estimated cost of 10,000 feet of drilling is...\$120,000.00.

It is also recommended that surface prospecting on the property be carried out, to open up, strip and sample mineralized zones on Claims 303228 and 333964 and to search for others.

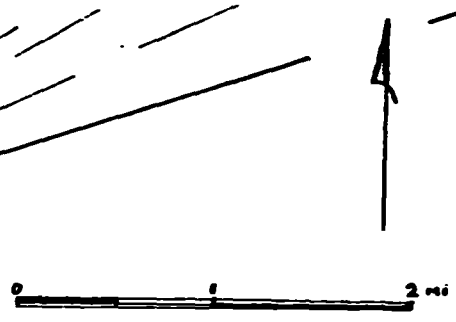
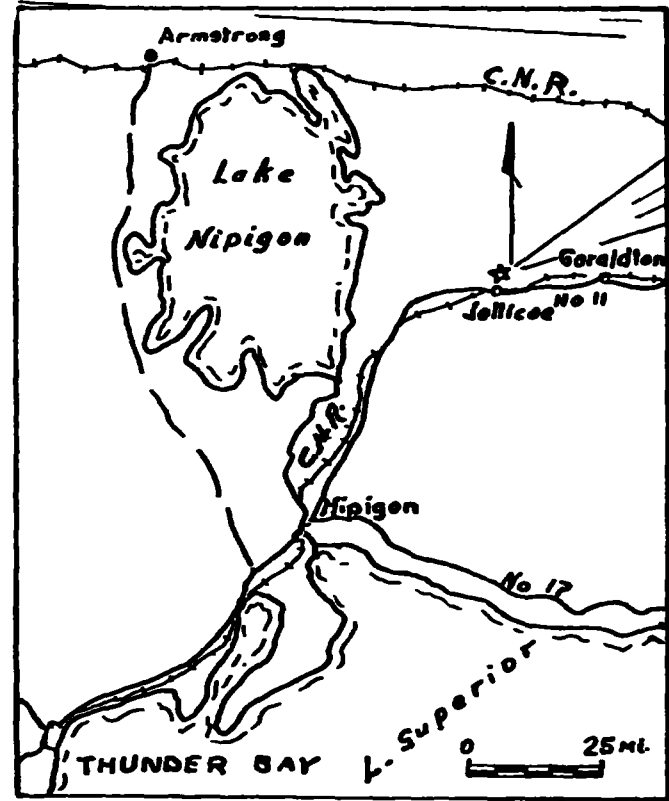
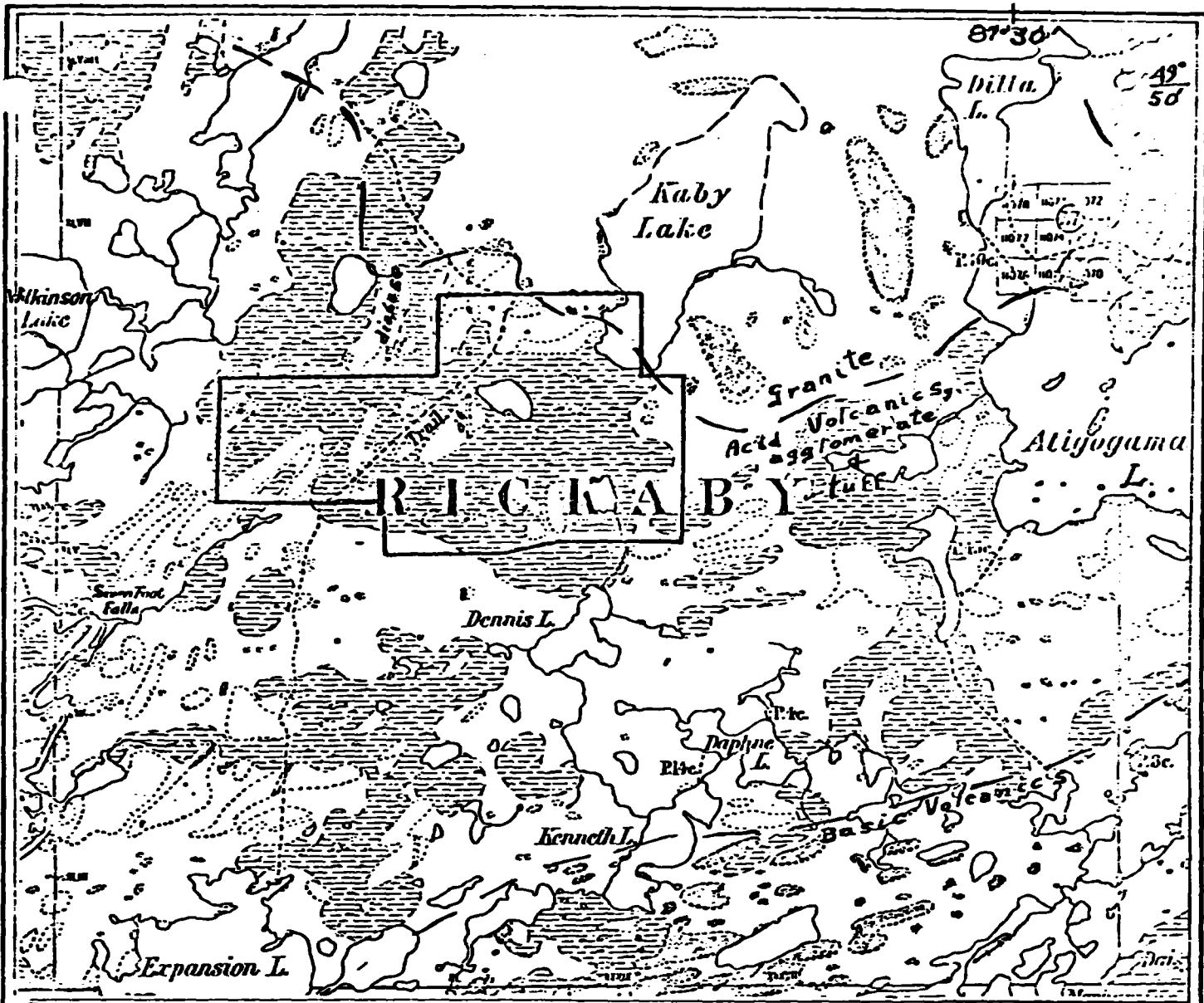
Estimated cost 2 man x 4 months, including support.....	10,000.00
Bulldozing & Trenching.....	<u>6,000.00</u>
Total estimated cost.....	\$136,000.00.

Respectfully submitted,



A.D. Pudifin, B.Sc.,
Consulting Geologist.

Val d'Or, Que.
February 15, 1975.



Handwritten signature and date:
 [Signature]
 Feb 15/75

RICKABY MINES LIMITED
PLAN SHOWING GENERAL GEOLOGY
AND LOCATION
RICKABY TOWNSHIP
THUNDER BAY MINING DIVISION
ONTARIO

GOLDTECK PROPERTIES, BEARDMORE AREA, ONTARIO

INTRODUCTION

Goldteck Mines Limited has staked 19 claims in three groups in Elmhirst and Rickaby townships near Beardmore in Thunder Bay district, Ontario.

In October 1987 an agreement was reached between Al Shack, Arthur Rosenblatt and Greater Temagami Mines Limited, acting for Goldteck. The agreement specified that if Goldteck Mines would spend between \$375,000 and \$500,000 over a period of two years on the Goldteck and/or Shack - Rosenblatt holdings, Goldteck would acquire a 50% interest in these holdings. Also Shack - Rosenblatt would acquire a 50% interest in the Goldteck properties. The Shack - Rosenblatt holdings consist of 168 claims.

LOCATION AND ACCESS

The Elmhirst - Rickaby properties are located approximately 15km north of Jellicoe, which in turn is 30km east of Beardmore on Highway 11.

The properties are serviced by an all-weather gravel road denoted as the Kinghorn road.

HISTORY OF PROPERTIES

- a) The six Goldteck claims on Wilkinson Lake were prospected, sampled and drilled in 1978 and 1980 by Metalore Resources and by Dome Explorations. A total of 7,188 feet of drilling was carried out. A strong quartz vein structure striking NE and reaching widths of 50 feet were encountered and values up to 1.92 oz of gold per ton were assayed. The vein structure had a strike length of approximately 400 feet and appeared to be cut off at both ends by faults.

Hole 87-1, presently being drilled, is exploring east of the indicated fault and should pick up the extension of the vein zone if it exists.

Biogeochemical assays from a survey completed in September 1987, seem to indicate an offset extension to the zone.

The two other Goldteck properties, both in Rickaby township along the Elmhirst - Rickaby township boundary are awaiting results from a biogeochemical survey completed in October 1987. These results may furnish more drill targets.

- b) The two most interesting properties of the Shack - Rosenblatt holdings are the Kenty Showing property in Rickaby township and a six claim group tied onto the Wilkinson Lake property on its NW boundary in Elmhirst township.

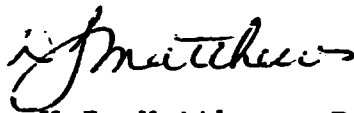
The Kenty Showing has been drilled in 1956 by Noranda, in 1971 by Philips Dodge and in 1974 by Rickaby Mines. A total of 19,180 feet in 42 holes were drilled. The mineralization was mainly base metals containing up to 2.68% Cu, 2.84 oz Ag and gold up to 0.14 oz. The mineralized zone has been traced by the drilling for a strike length of 900 feet and appears to be open to the west. The zone justifies a number of drill holes.

The Elmhirst township property has two strong east-west trending EM anomalies resulting from geophysical work carried out in 1983. It is recommended that these be drilled.

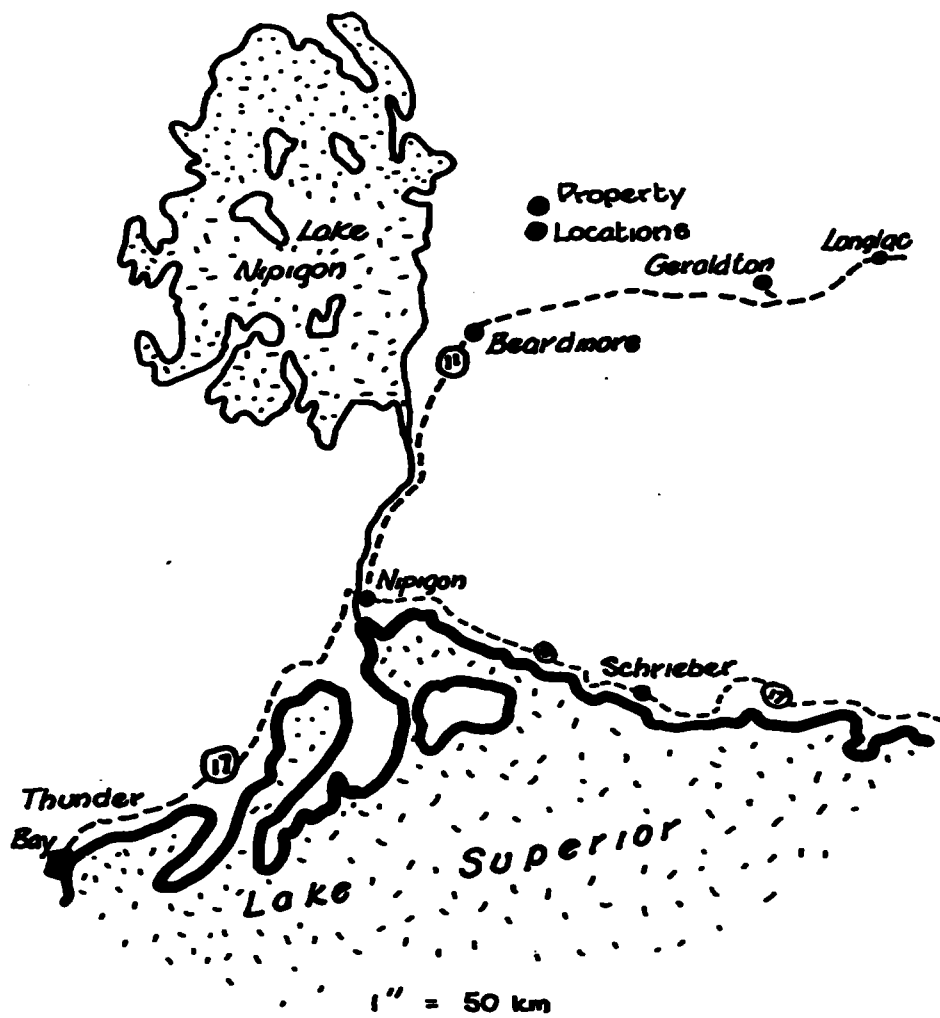
It is felt that the three properties listed warrant an extensive diamond drill program of up to 10,000 feet. The distribution of the drilling will depend upon results obtained as the drilling progresses.

Accompanying the report are a number of maps showing locations of proposed drill holes.

All of which is respectfully submitted,



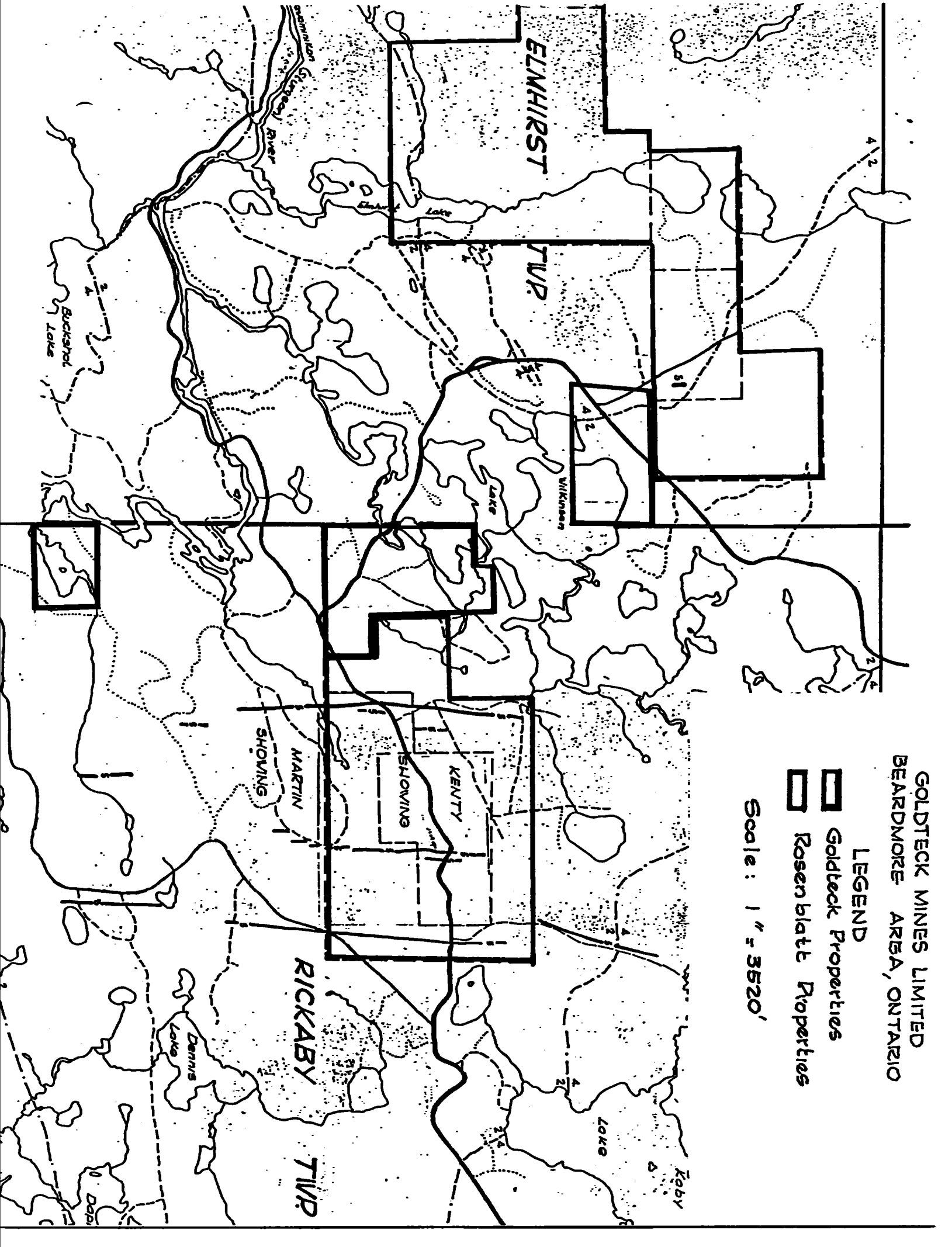
W.J. Matthews, P. Eng.

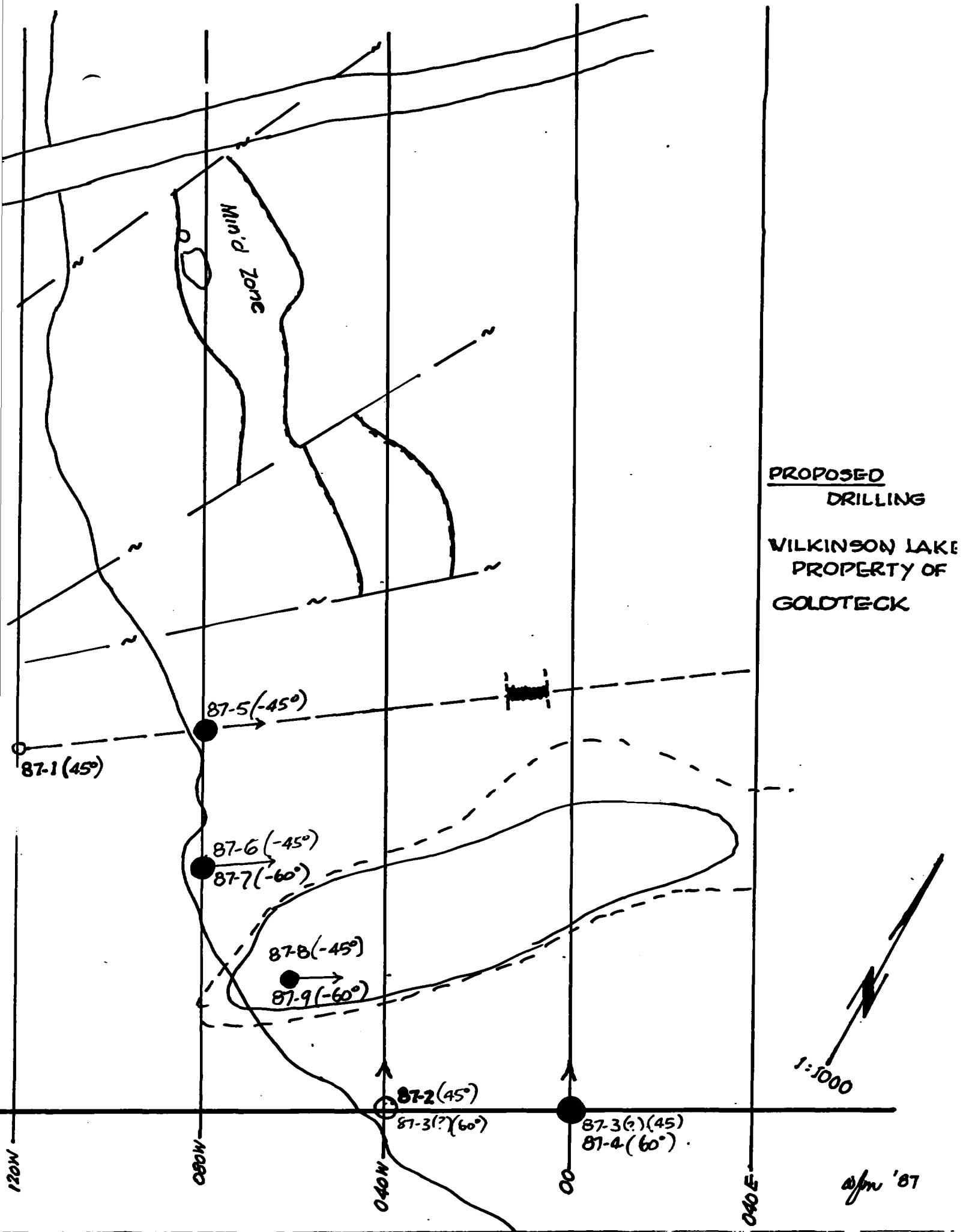


GOLDTECK MINES LIMITED
BEARDMORE AREA, ONTARIO

- LEGEND
- Goldteck Properties
 - Rosenblatt Properties

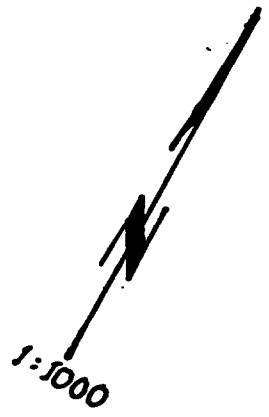
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PROPOSED
DRILLING

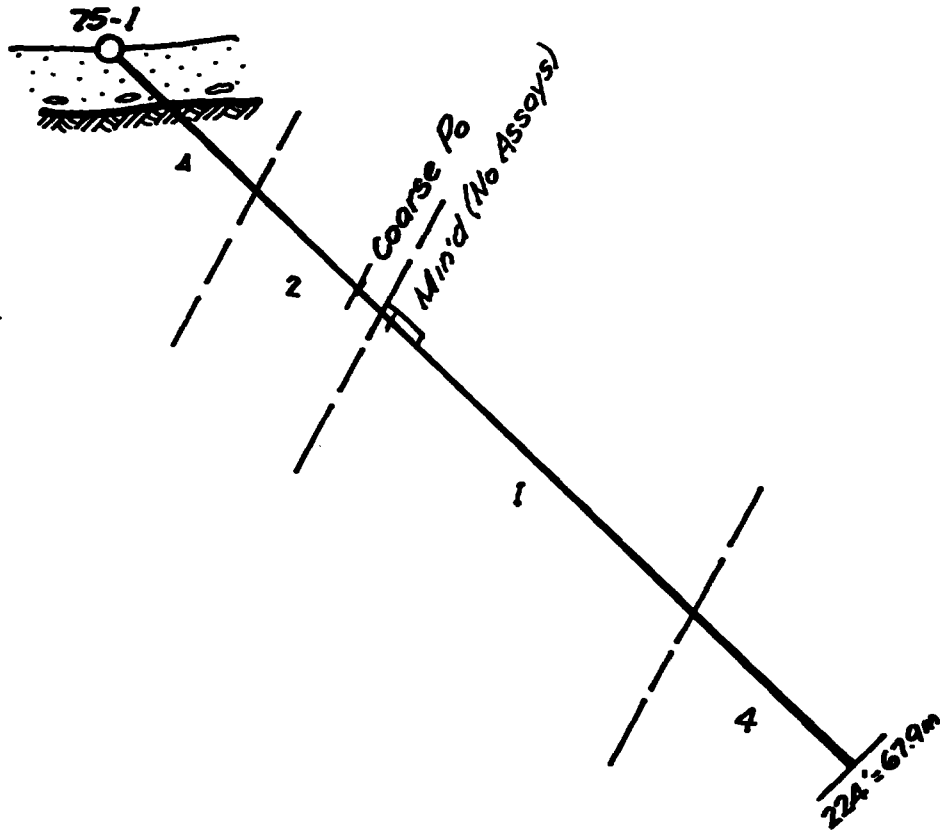
WILKINSON LAKE
PROPERTY OF
GOLDTECK



apm '87

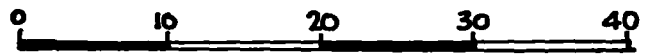
SECTION A-A'

N30 E



LEGEND

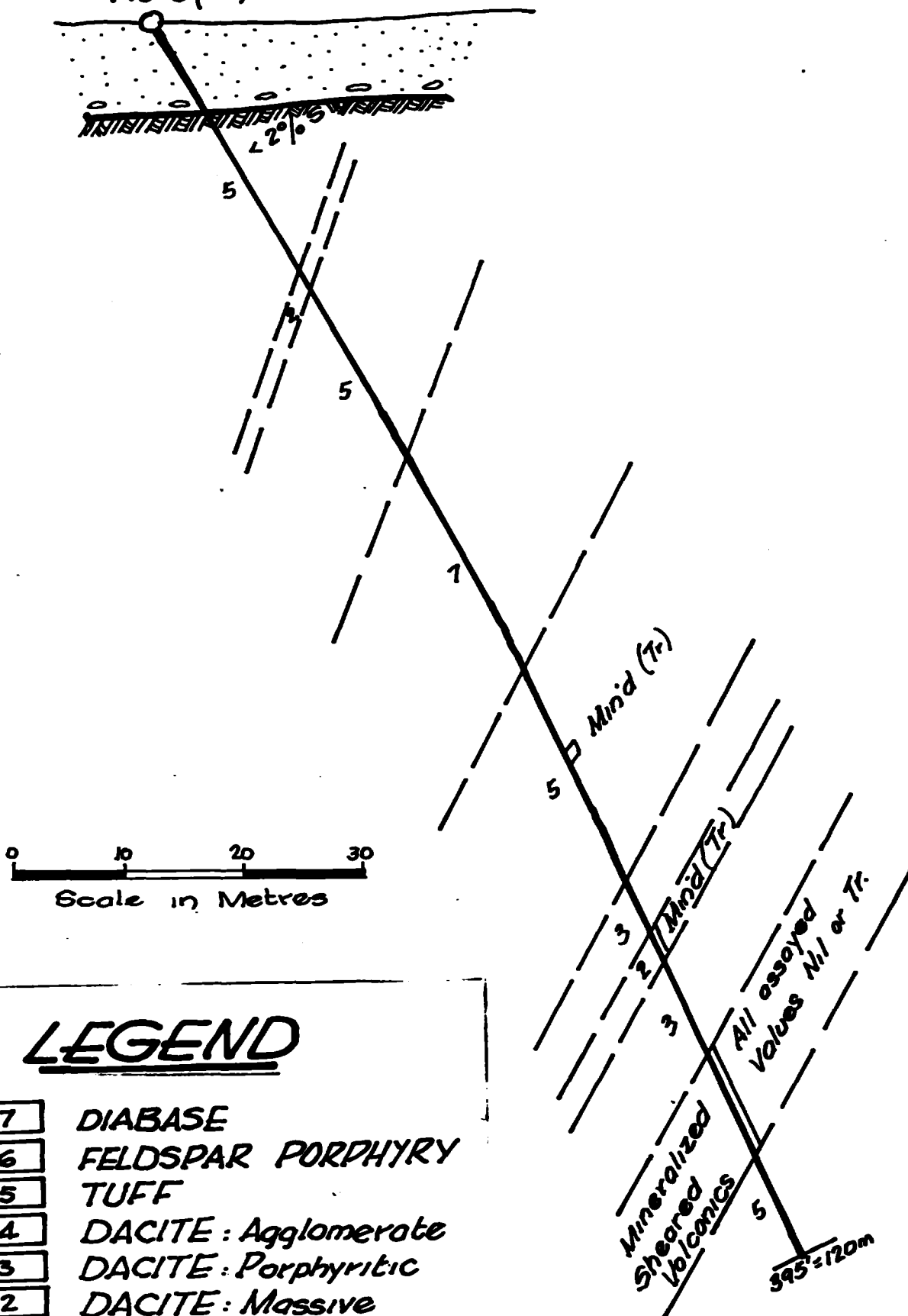
- | | |
|---|---------------------|
| 7 | DIABASE |
| 6 | FELDSPAR PORPHYRY |
| 5 | TUFF |
| 4 | DACITE: Agglomerate |
| 3 | DACITE: Porphyritic |
| 2 | DACITE: Massive |
| 1 | RHYOLITE |



Scale in Metres

SECTION B-B'

145-8 (60°)

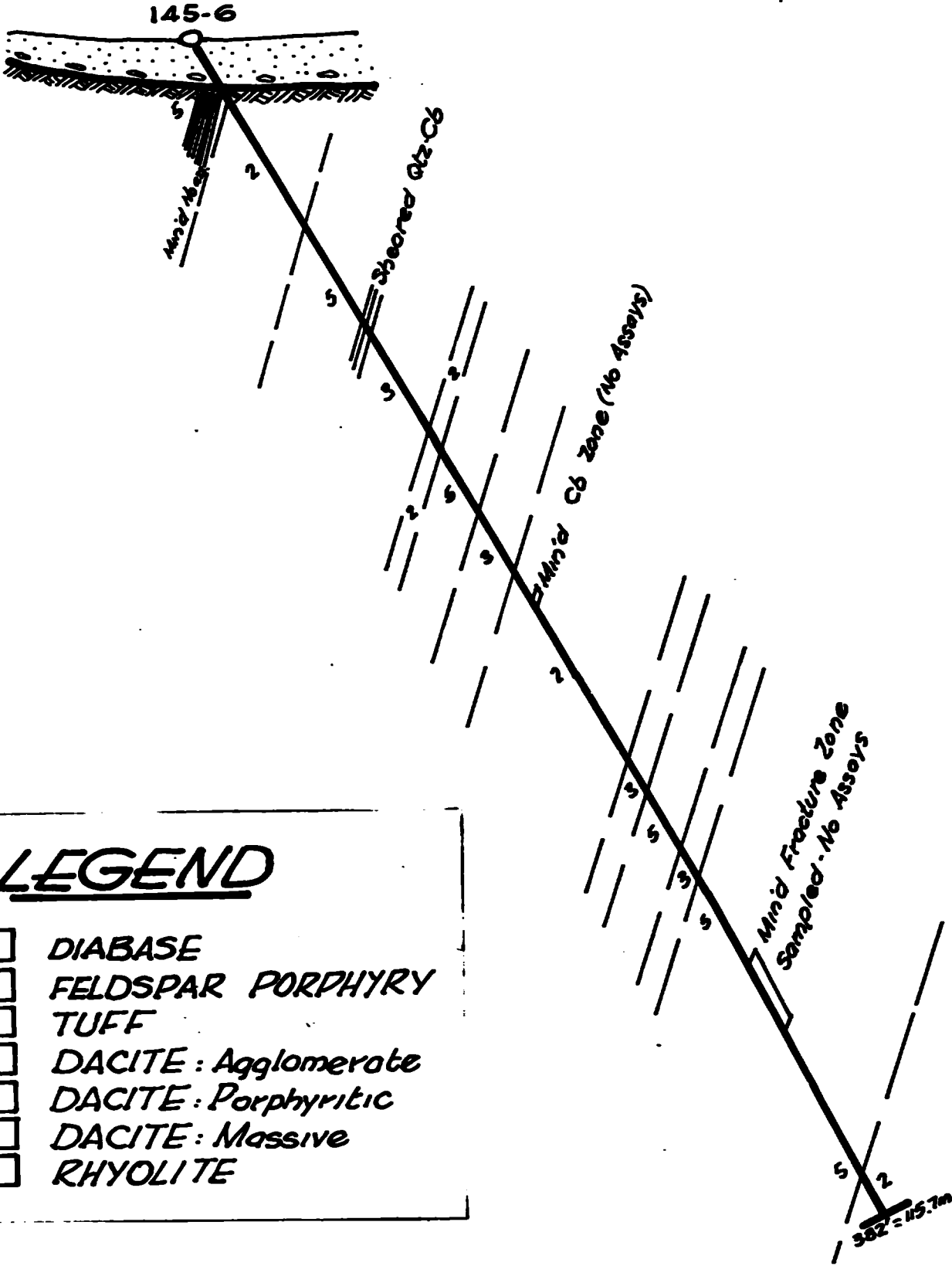


LEGEND

- 7 DIABASE
- 6 FELDSPAR PORPHYRY
- 5 TUFF
- 4 DACITE: Agglomerate
- 3 DACITE: Porphyritic
- 2 DACITE: Massive
- 1 RHYOLITE

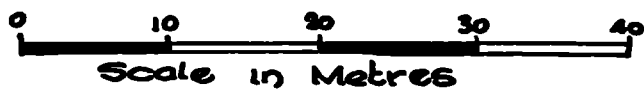
SECTION C-C'

N30E

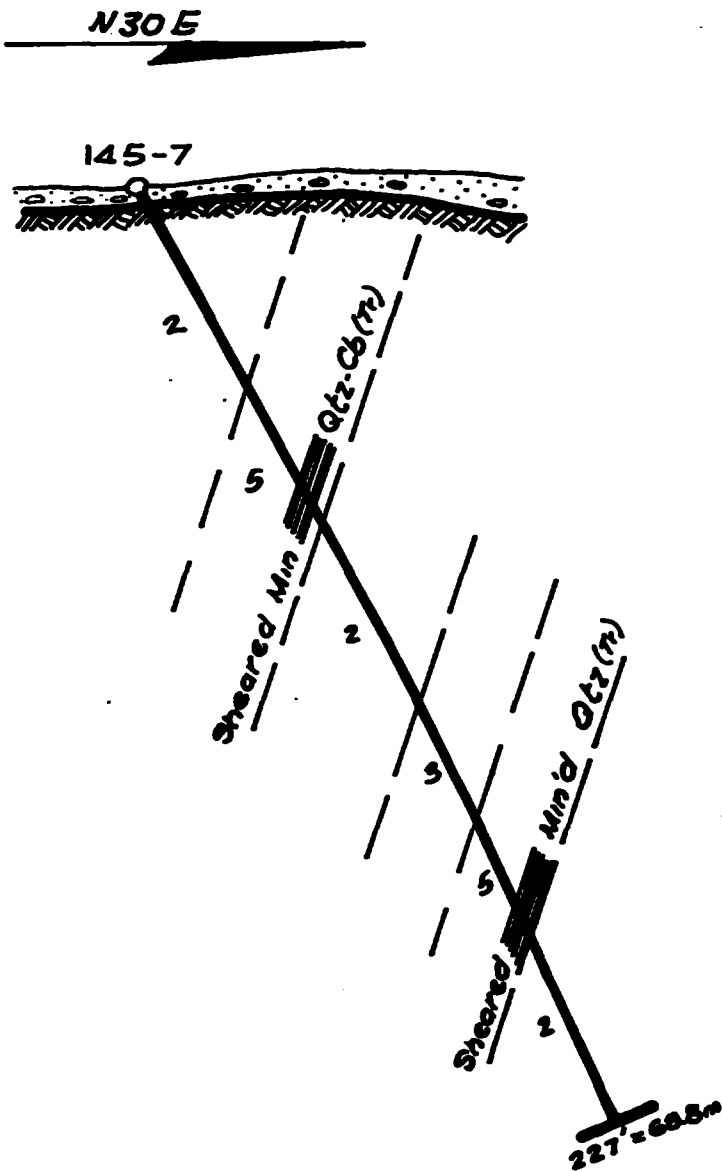


LEGEND

- 7 DIABASE
- 6 FELDSPAR PORPHYRY
- 5 TUFF
- 4 DACITE: Agglomerate
- 3 DACITE: Porphyritic
- 2 DACITE: Massive
- 1 RHYOLITE



SECTION D-D'



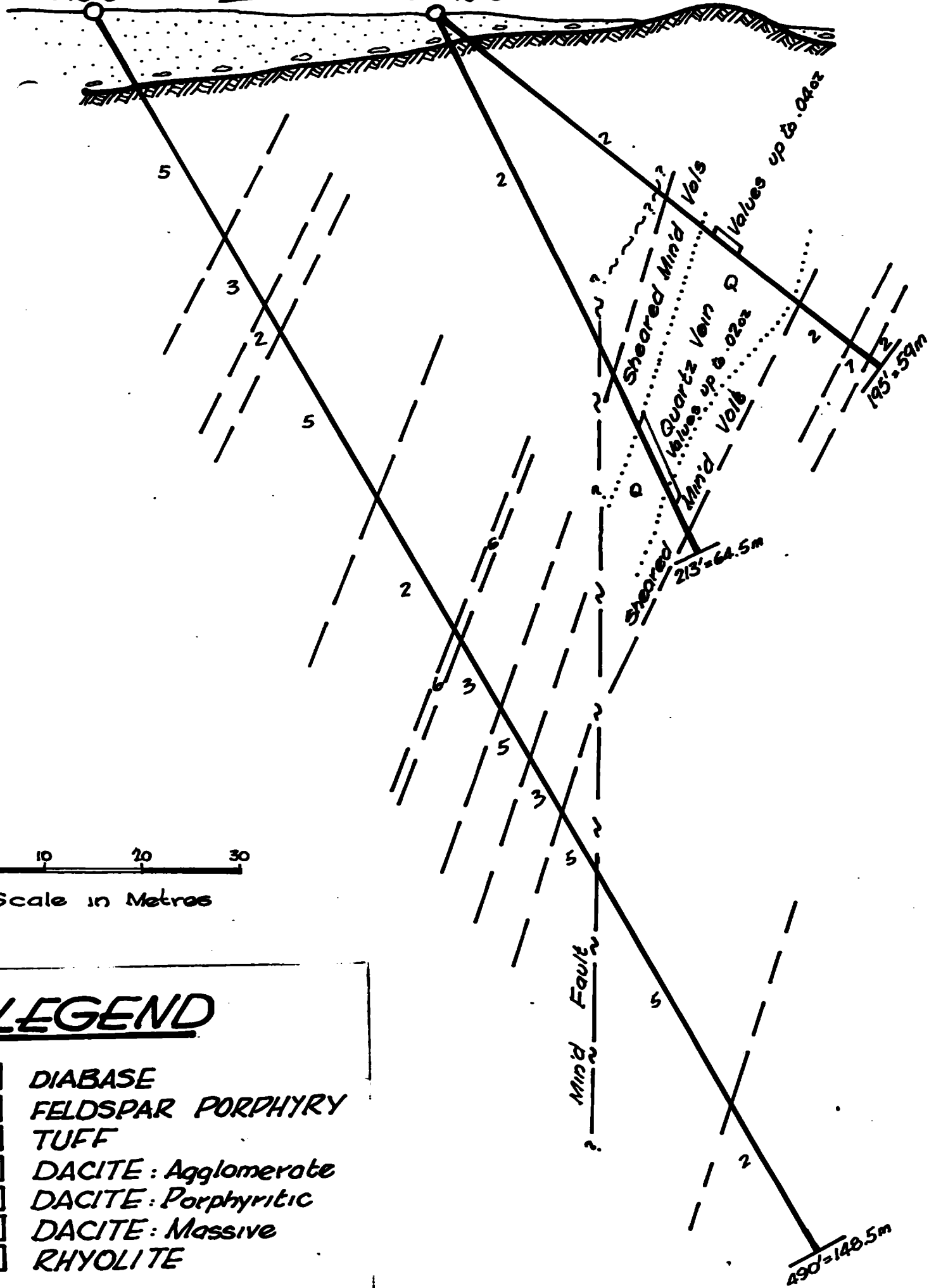
LEGEND

- 7 DIABASE
- 6 FELDSPAR PORPHYRY
- 5 TUFF
- 4 DACITE: Agglomerate
- 3 DACITE: Porphyritic
- 2 DACITE: Massive
- 1 RHYOLITE



SECTION E-E'

145-5 78-9 78-8



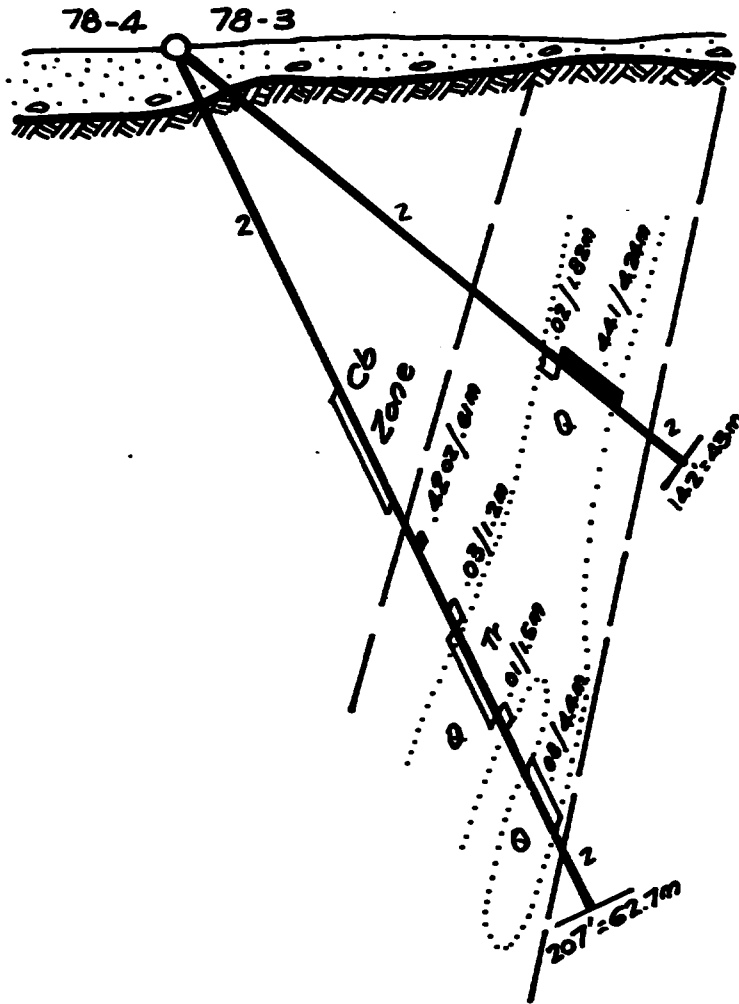
Scale in Metres

LEGEND

- 7 DIABASE
- 6 FELDSPAR PORPHYRY
- 5 TUFF
- 4 DACITE: Agglomerate
- 3 DACITE: Porphyritic
- 2 DACITE: Massive
- 1 RHYOLITE

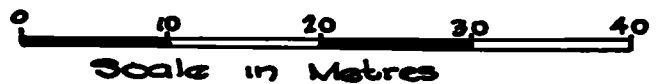
SECTION G-G'

N30 E

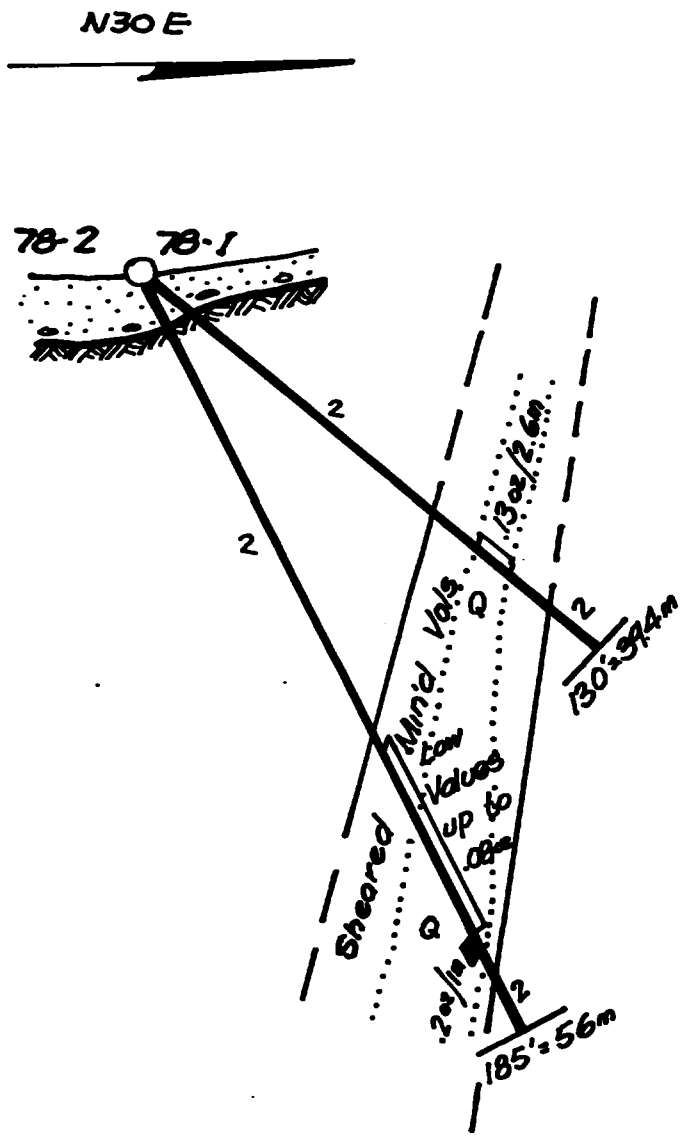


LEGEND

- | | |
|---|---------------------|
| 7 | DIABASE |
| 6 | FELDSPAR PORPHYRY |
| 5 | TUFF |
| 4 | DACITE: Agglomerate |
| 3 | DACITE: Porphyritic |
| 2 | DACITE: Massive |
| 1 | RHYOLITE |

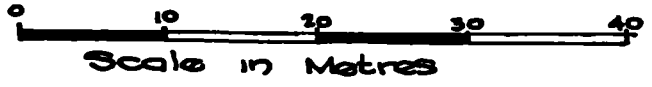


SECTION H-H'



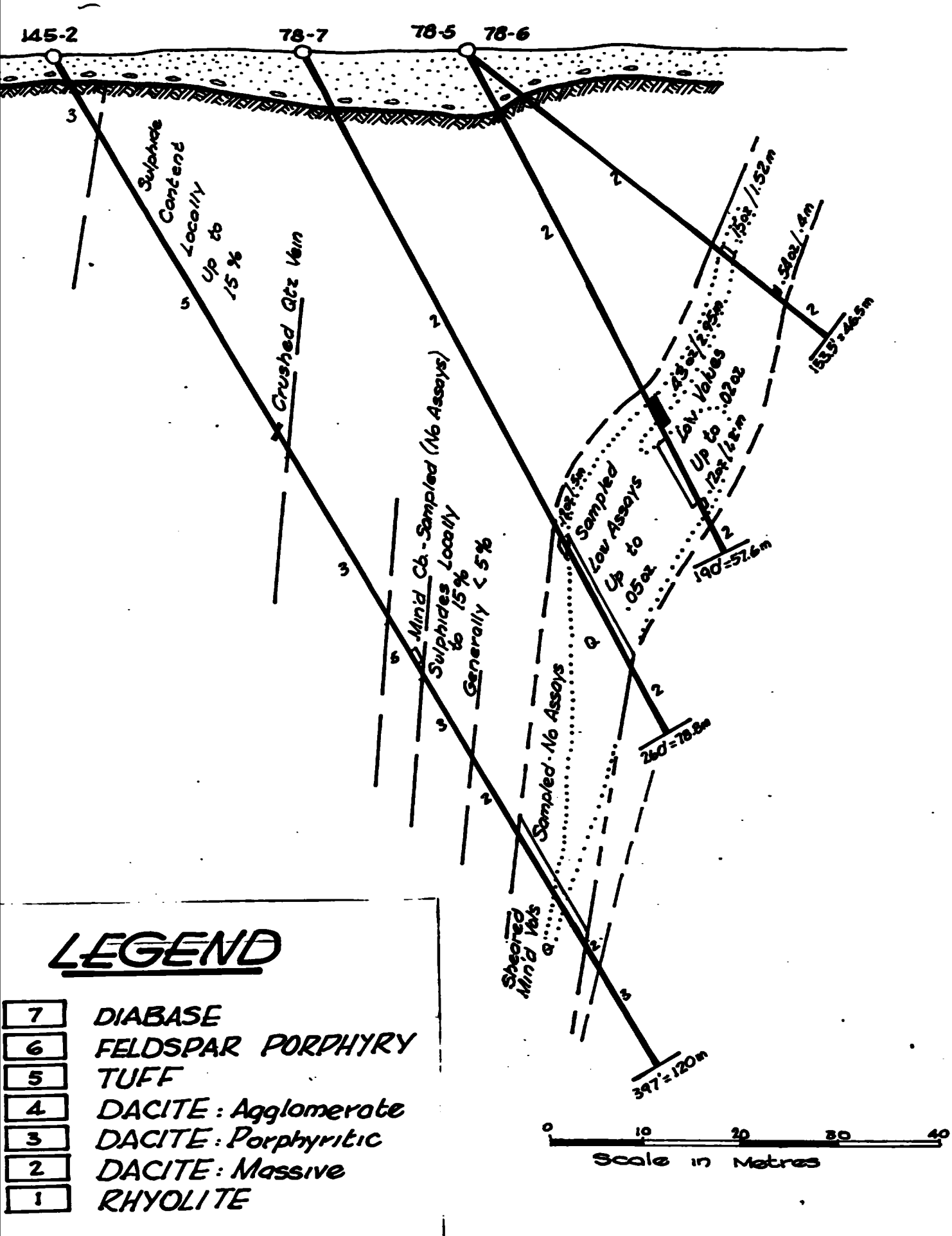
LEGEND

- 7 DIABASE
- 6 FELDSPAR PORPHYRY
- 5 TUFF
- 4 DACITE: Agglomerate
- 3 DACITE: Porphyritic
- 2 DACITE: Massive
- 1 RHYOLITE



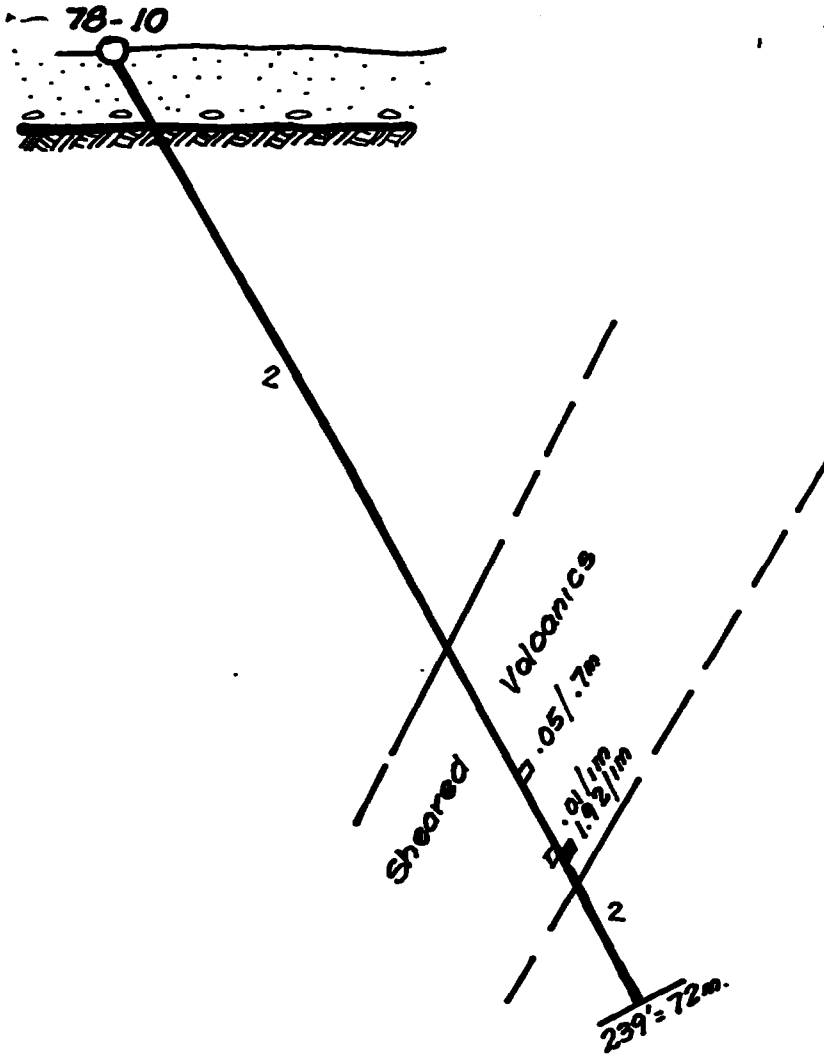
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SECTION I-I'



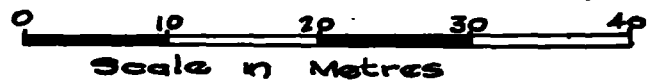
N65 E

SECTION J-J'



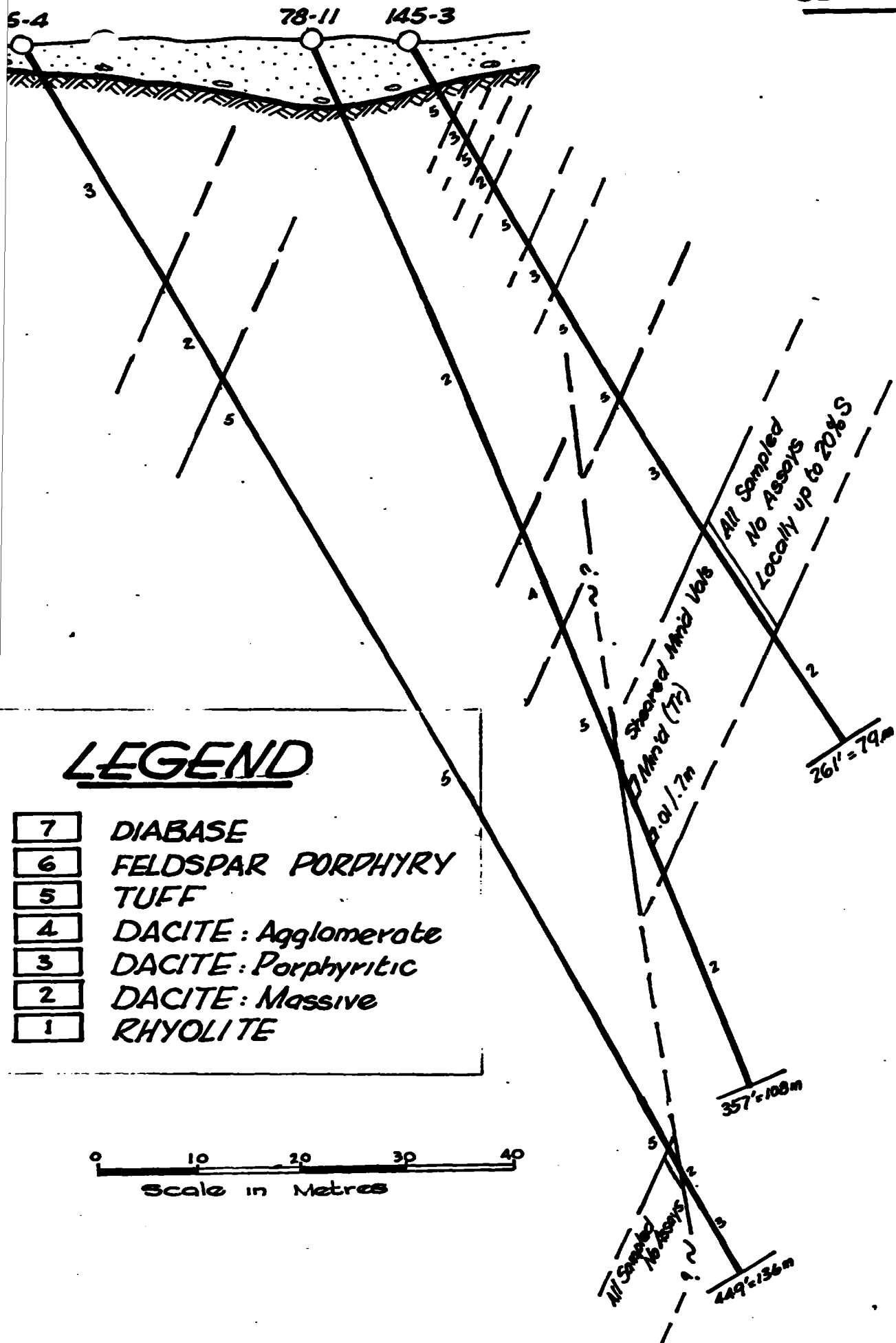
LEGEND

- | | |
|---|---------------------|
| 7 | DIABASE |
| 6 | FELDSPAR PORPHYRY |
| 5 | TUFF |
| 4 | DACITE: Agglomerate |
| 3 | DACITE: Porphyritic |
| 2 | DACITE: Massive |
| 1 | RHYOLITE |



N30E

SECTION K-K'



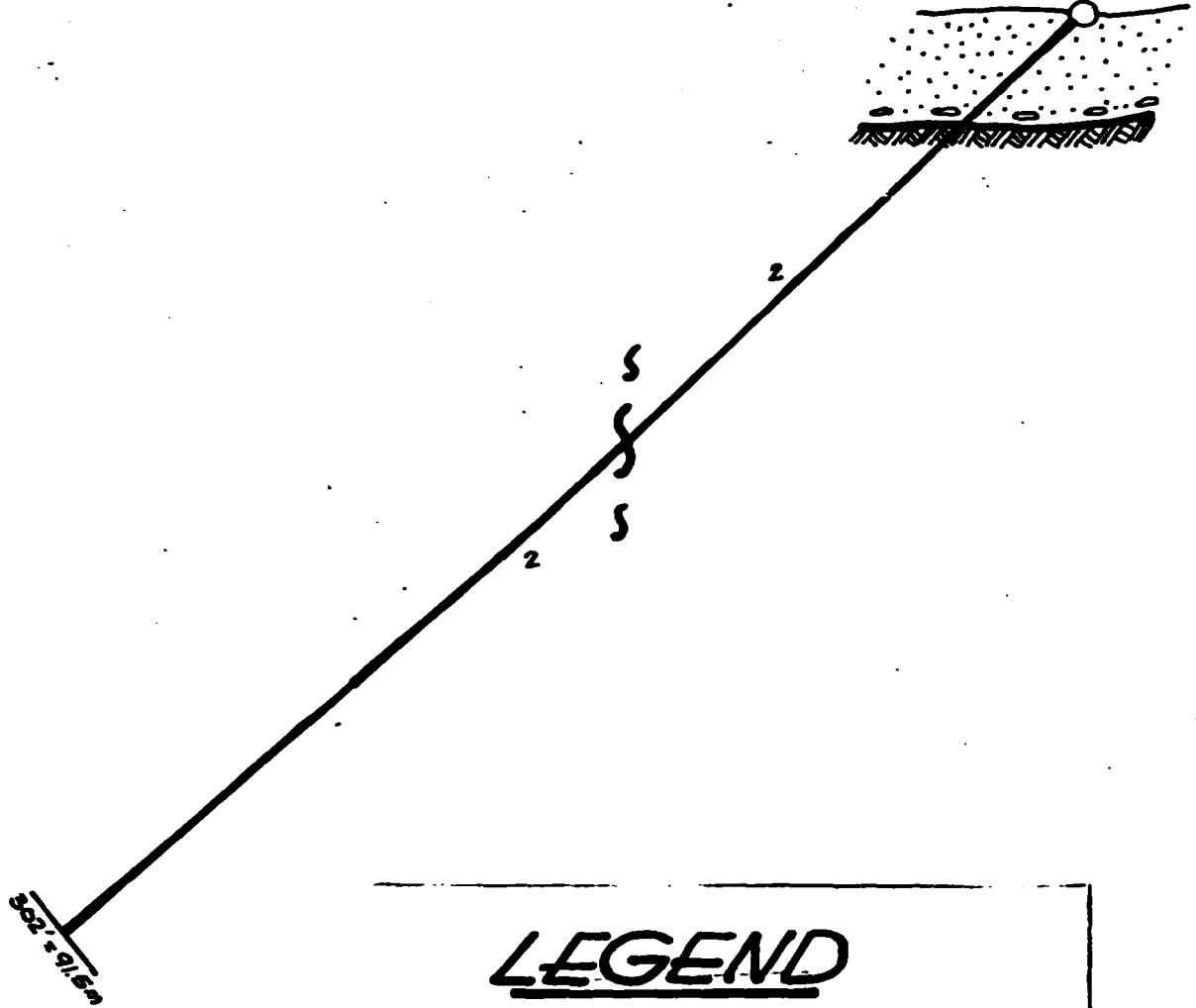
LEGEND

- 7 DIABASE
- 6 FELDSPAR PORPHYRY
- 5 TUFF
- 4 DACITE: Agglomerate
- 3 DACITE: Porphyritic
- 2 DACITE: Massive
- 1 RHYOLITE



N50W

78-8X



LEGEND

- | | |
|---|---------------------|
| 7 | DIABASE |
| 6 | FELDSPAR PORPHYRY |
| 5 | TUFF |
| 4 | DACITE: Agglomerate |
| 3 | DACITE: Porphyritic |
| 2 | DACITE: Massive |
| 1 | RHYOLITE |

0 10 20 30 40
Scale in Metres

REPORT ON

**ERRINGTON INDUSTRIAL ENTERPRISES LTD.
LONG LAC-STURGEON RIVER AREA PROPERTY**

**ELMHIRST TOWNSHIP
THUNDER BAY MINING DIVISION
ONTARIO, CANADA**

N.T.S. REFERENCE 42E/13

**Toronto, Ontario
August 25, 1986**

**John A. Honsberger, P.Eng.
Mining Engineer**

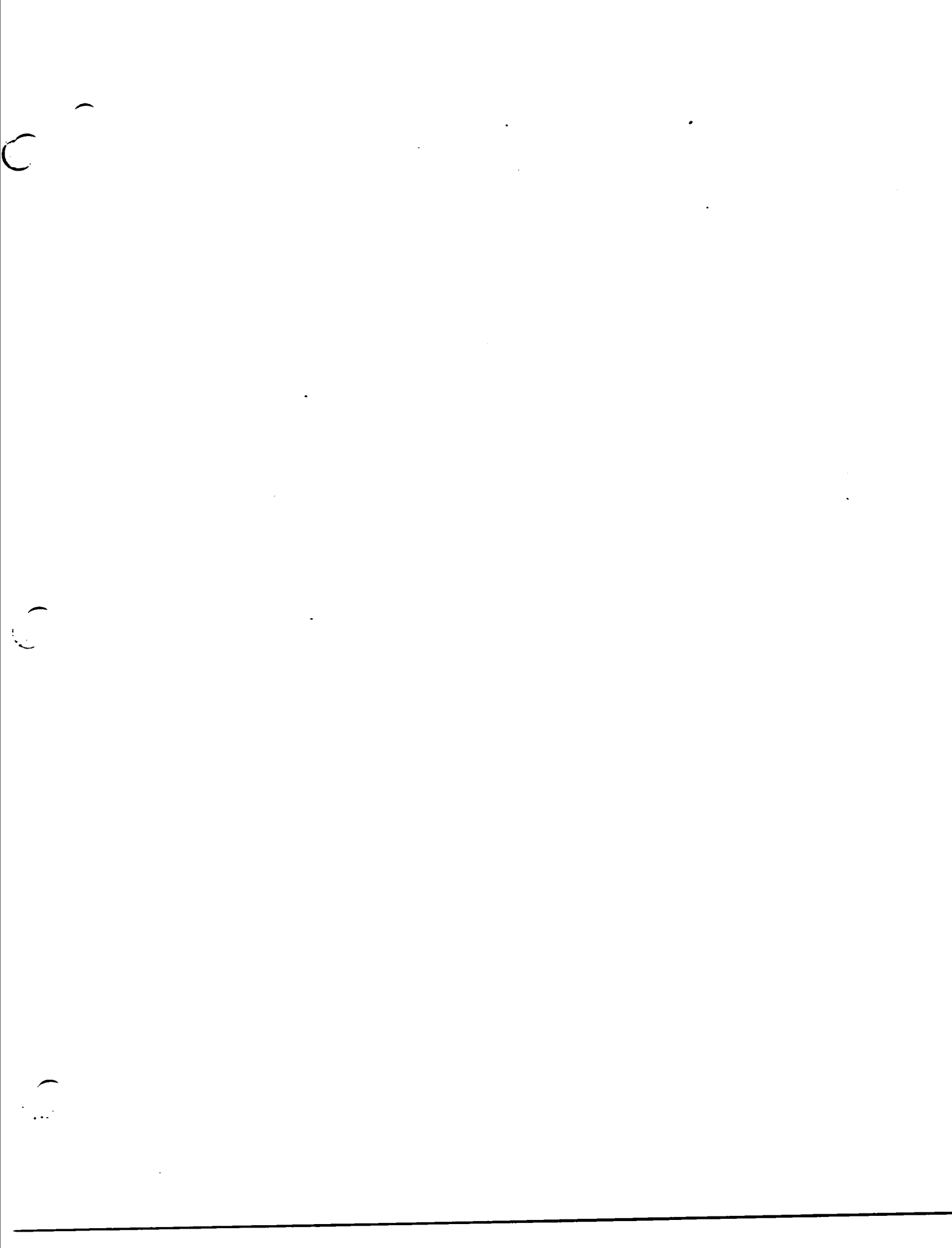


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SUMMARY

The Long Lac-Sturgeon River area property of Errington Industrial Enterprises Ltd. is located in Elmhirst township in the Thunder Bay District of Ontario, Canada. It totals 6 contiguous, unpatented mining claims, totalling 240 acres, more or less. The property is situated 40 road miles northeast of Beardmore in the active Beardmore-Geraldton gold belt.

Underlying the western portion of the claims is the eastern margin of a seven mile diameter granitic stock of Archean age in contact with metavolcanic rocks of Keewatin age underlying the balance of the claim group. These rocks host several occurrences of base and precious metal mineralization in the region. It is noteworthy that auriferous quartz veins at the former Sturgeon River Gold Mines are related to a similar granitic salient at the western side of the same intrusive stock.

Gold-bearing quartz veins have been discovered previously on the Errington property. One such occurrence is located within a strong shear zone in chlorite-sericite schist near the contact with the granitic stock. Trenching, sampling and diamond drilling have encountered ore-grade intersections of gold. Values in gold are erratic as to grade and distribution in the drill core. Further exploration of this strong shear zone is warranted at this time.

Additionally, three other showings have been located within the margin of the granitic stock. Sampling of the narrow quartz veins at these locations have returned respectable gold assays. These showings are in close proximity to known electromagnetic conductor zones and they should be further explored by mechanical stripping and trenching.

A renewal of interest in the region has been stimulated by a recently announced significant gold discovery by Metalore Resources, situated in Irwin township, a distance of 11 miles from the Errington property. Upwards of 6,000 claims have been recorded in the Thunder Bay mining recorder office since announcement of the discovery.

Since the 1930's more than 4 million ounces of gold have been produced from approximately 20 former mines on the Beardmore-Geraldton gold belt - none of which are currently in operation. Most of this production came from narrow high-grade veins carrying erratic gold values.

It is concluded that further exploration of the Errington property is warranted at this time. It is recommended that a staged program of exploration be conducted on the claim group at a minimum estimated cost of \$35,000.00 and a maximum estimated cost of \$535,000.00.

INTRODUCTION

Mr. John F. McLennan, President, Errington Industrial Enterprises Ltd., Suite 1100, 350 Bay Street, Toronto, Ontario M5H 2S6 commissioned the writer to prepare a report on the company's property situated in the Thunder Bay District of Ontario.

The scope of this report is to document the history of mineral exploration, development and production along the Long Lac-Sturgeon River gold belt and, more specifically, to compile vital information pertinent to an assesement of the economic potential of the company's holdings which are located in Elmhirst township.

A considerable amount of exploration has been undertaken on the company's six claim property, particularly during the years 1978-80. The claims were retrenched and sampled in 1958-59 after auriferous quartz veins were originally discovered during the gold rush of 1934-35. Four such showings occur on the present property.

Metalore Resources Ltd. drilled 13 holes on the property in 1978, followed by 11 holes by Dome Exploration in 1980. A geophysical survey was contracted later in 1980 and covered an area that includes the 6 claim group.

A party from Val d'Or, Quebec later acquired the property and produced a compilation map dated 1985 that incorporates all the previous recorded work. The information represented on this map has been thoroughly examined by the writer and the information contained thereon is considered authentic and reliable.

On the basis of the numerous property examinations by various consultants and company geologists in the past, the writer concluded that further surface examination of the property would be redundant at this stage and therefore no examination of the claims was made by the writer.

Conclusions drawn and recommendations made for further exploration of the property are based on a review and compilation of all pertinent material filed by previous operators. In addition, a review of published geological reports and maps, compiled geophysical data, and information concerning current exploration programs was undertaken in order to obtain a reasonable view of the economic potential of the Errington Elmhirst township property. The writer is familiar with the Long Lac-Sturgeon River area gained from active participation in other regional projects and a sound understanding of the exploration techniques employed in the area.

ERRINGTON INDUSTRIAL ENTERPRISES LTD.

PROPERTY DESCRIPTION

Errington holds the mining rights to 6 contiguous, unpatented claims, comprising 240 acres, more or less, situated in Elmhirst township, in the Beardmore-Geraldton gold belt of Northern Ontario.

The property lies in the N.E. 1/4 of the township, the eastern boundary coinciding with the common Elmhirst-Rickaby township line. Approximately 30% of the eastern property area lies in the bed of Wilkinson Lake.

All claims are registered in good standing with the Ontario Ministry of Natural Resources. They are situated in the administrative district of Nipigon in the Thunder Bay Mining Division and are located on O.M.N.R. township map G-162.

A complete listing of titles is to be found in Appendix I of this report.

LOCATION AND ACCESS

The property situated in Elmhirst township is within the Beardmore-Geraldton gold belt, Thunder Bay Mining Division, Northern Ontario, Canada. The approximate centre of the Errington property is at 49°49' North Latitude and 87°39' West Longitude.

The claims are readily accessible from Provincial Highway No. 11 via Highway 801 and Abitibi lumber camp road No. 40, which traverses the property. A branch line of the CN Railway parallels No. 11 highway in this area.

The town of Beardmore is located approximately 40 road miles southwest of the claim group. The property is situated 60 miles west of Long Lac or 140 miles northeast of Thunder Bay, centres serviced by scheduled airline transportation.

Float-equipped aircraft facilities and a 3,000 foot compacted gravel airstrip are located near Jellicoe, approximately 30 road miles from the property. Supplies and accommodations are available in these nearby towns.

REGIONAL GEOLOGY

Intermediate to felsic, and mafic Keewatin-type metavolcanics are the oldest rocks in the map-area. These are intruded by granitic to dioritic stocks that underlie the northeastern part of Rickaby township and most of Elmhirst township. The metavolcanics and plutonic rocks are cut by a variety of minor intrusions of probable Archean age, the largest being sill-like gabbro bodies in Elmhirst township. Narrow dikes ranging from mafic to felsic in composition are found throughout the map-area. North-striking Keweenawan diabase dikes cut all the Archean-type rocks.

Most of the intermediate to felsic metavolcanics in the map-area are of pyroclastic origin, and are predominantly of dacitic to andesitic composition. Tuff breccia and lapilli-tuff are abundant. Massive and amygdaloidal flows are also present. Rhyolite and rhyodacite occur intercalated with the more mafic rock types and form a relatively narrow belt diagonally transecting the two townships.

Most of the mafic metavolcanics are massive flows of andesitic to basaltic composition. Pillow lava, flow breccia, agglomerate, and amygdaloidal lava are common.

STRUCTURAL GEOLOGY

On a regional scale the metavolcanics in the map-area form the southern limb of a broad east-west fold extending from Lake Nipigon to Hipel township, east of the map-area. The nose of the structure lies in Lapierre township and the northern limb extends towards the Conglomerate Lake-Onaman River area. The mafic volcanic core of the fold is situated in Pifher township and is overlain by a succession of pyroclastic rocks that extends into the present map-area. These in turn are apparently overlain by a second sequence of mafic volcanics in the southeastern part of Rickaby township. This structure is generally interpreted to be anticlinal.

The schistosity of the metavolcanics varies in strike from east to northeast and generally parallels primary depositional structures.

Major lineaments in the map-area are east-northeast- to northeast-trending, and most are interpreted to be related to faulting.

ECONOMIC GEOLOGY AND HISTORY

Exploration for gold has been active in the Beardmore-Geraldton region since the mid 1920's. Subsequent to a staking rush into the area during 1934-35, approximately 20 gold mines were brought into production, milling better than 4 million ounces of gold. The last production was from the Leitch Gold Mine and the MacLeod-Mosher Gold Mine in the early 1970's.

The Sturgeon River Gold Mine, located some 2,000 feet beyond the southwest corner of Elmhirst township, operated from 1937 to 1942. It produced 73,438 ounces of gold and 15,922 ounces of silver from 148,132 tons of ore.

Minerals present in the area include gold, silver, molybdenum, copper, zinc, nickel and lead. All of the many gold occurrences in the map-area are associated with the shear zones and/or quartz veins that commonly have significant sulphide mineral contents. Nearly all of the present showings occur where the host rock is metavolcanic, as opposed to plutonic, in origin.

Occurrences of disseminated sulphide mineralization are widespread in the intermediate to felsic metavolcanics. Pyrite and pyrrhotite are very common, as are minor amounts of chalcopyrite, sphalerite and galena.

A renewal of interest in the gold belt is evidenced by the number of companies currently active in the region. The most significant discovery has been made by Metalore Resources in Irwin township, situated 11 miles southwest of the Errington property. A deal to further explore and develop the Metalore property was announced in July, 1986. Hudson Bay Gold, a subsidiary of Inspiration Resource Corp. of New York, with connections to Anglo American Corp. of South Africa, was formed approximately two months ago to engage in Canadian precious metal exploration. The Metalore project represents their first target.

PROPERTY GEOLOGY AND MINERALIZATION

A prominent feature is that the western extremity of the claim group covers the contact zone between a composite stock of granitic rocks comprised of granite, granodiorite, diorite and porphyry, intruding acidic to intermediate lavas underlying the majority of the property. The stock is irregular in outline and about seven miles in diameter. The volcanic rocks strike northeasterly and dip near vertical.

A Keweenawan diabase dyke, 50 feet wide, intrudes the granite in a north-south direction immediately west of the claim group.

MINERALIZATION

Both the volcanic and granitic rocks on the property are cut by gold-bearing quartz veins mineralized with pyrite, and in some places with associated chalcopyrite and galena. The main showing designated No. 1 vein has been partially exposed by trenching and 3 other smaller veins have been found within the 6 claim group. The main zone is located in sheared volcanics while the other 3 are situated within altered granitic rock.

The No. 1 Vein is in central southwest claim 907501 in the northern part of the property, approximately 750 feet from the shoreline of Wilkinson Lake. It is enclosed in a strong greenstone shear zone of chlorite-sericite schist near the main granite contact. The vein strikes N50°W and dips strongly southwest.

The main quartz zone where exposed is 15 feet wide. This is adjoined on the northeast side by 5 feet of pyritic schist cut by stringers and lenses of vein quartz. Five cross trenches over a strike length of 50 feet were cut to a width of 20-25 feet. Additional trenching to the southeast has caved in deeper overburden since the showing was discovered and initially exposed during the gold rush of 1934.

The shear zone containing the quartz veins has been sampled by numerous individuals over the years and assay values are found to be erratic. Sampling by D. MacLeod, Mining Engineer in 1958, returned 0.12 oz. Au/ton across a 15.4 foot average width for a strike length of 50 feet. Five grab samples taken by W. N. Ingham, Ph.D., Consulting Geologist, in 1959, at various locations within the same trench averaged 0.28 oz. Au/ton over a 20 foot width and 40 foot strike length.

Nos. 3, 4 and 7 Veins are situated between 1,000' and 1,300' southwest of the No. 1 Main vein. They are relatively narrow quartz veins situated within the altered contact granitic rock assemblage.

Sampling by D. MacLeod returned erratic high and low assays ranging from 0.44 oz. Au/ton to a low of 0.01 oz. Au/ton. No strike lengths or widths were indicated, although the quartz veins were described as narrow.

PROPERTY HISTORY

The main No. 1 Vein was discovered during the gold rush into the Beardmore-Geraldton area in 1934. Stripping and trenching of the vein was undertaken about that date. No records are available on this work.

Reports by A. E. Tyson, P.Eng., 1959, and by W. N. Ingham, Ph.D., Consulting Geologist, 1959-60, describe the property which at that time was larger than the present 6 claim group and was held by prospector E. Maloney. Sampling of the various showings was undertaken at that time and the data is available.

Metalore Resources drilled 12 more holes, totalling 2,573 feet, on the No. 1 Vein, during the period August-November 1978. Assays are available.

Dome Exploration optioned the property and drilled 11 holes, totalling 4,391 feet, on the No. 1 Vein, during the period May-June 1980. Assays for the first 6 holes are unavailable. Assays for holes 7-11 inclusive are available.

Following the drilling, an electromagnetic VLF survey and a magnetic survey were carried out on Project 145 for Dome Exploration (Canada) Ltd. in September 1980. The survey area is much larger than the Errington claim group, which it does include, extending north and east into the adjacent townships. Survey results, plans and a report by J. A. Woodard, P.Eng., Consulting Geophysicist, dated November 1980, are available.

A group from Val d'Or, Quebec acquired the property in 1985. They researched private and public files and developed a compilation map based on all previously reported work and results. This compilation map (revised 1986) accompanies the writer's report.

Errington acquired the property this month and is formulating plans for an early exploration program.

RESULTS AND CONCLUSIONS

All the diamond drilling by Metalore and Dome, a total of 24 holes, totalling 7,188 feet, were drilled to test the Main No. 1 Vein over a strike length of 700 feet. The Metalore drilling was relatively shallow, followed by a deeper tier of holes by Dome. Approximately 90% of the total drilling was conducted over a strike length of 450 feet.

A longitudinal section looking N30°E on a scale of 1" = 40' was compiled in 1985, to show drill intersections below the main showing. Where no assay results were available in the first 6 Dome holes, the mineralized core lengths in the drill logs were applied where appropriate to the section with pertinent notations adjacent.

Assay results as evidenced on the longitudinal section are quite erratic in both grade and core length of assay section. Two of the best ore grade intersections are encountered southeast of the main showing and were obtained in holes 78-3 and 78-5, which returned 0.44 oz. Au/ton over 14.0' and 0.43 oz. Au/ton over 8.7' respectively.

Drilling on sections west of the main showing indicates a certain amount of offset faulting as evidenced by Dome holes 145-6 and 145-8.

The geophysical surveys that followed the Dome diamond drilling program indicate some interesting conductor zones, trending northeasterly. Two of these zones parallel the road to the southwest of the main showing, and are located at and within the margins of the granitic stock where mineralized showings 3, 4 and 7 have returned respectable gold values within narrow quartz veinlets.

On the basis of the results of the two drilling programs conducted in 1978 and 1980, and all results plotted on the 1985 compilation map, it would appear that further diamond drill investigation of the main zone is well warranted. Taking into account a potential rake and apparent cross faulting, more drilling is warranted. Areas where further drilling is required are indicated "TO BE EXPLORED" on the longitudinal section.

Regarding all the information compiled and presented on the attached compilation map, coupled with the renewed exploration activity in progress, it is considered that the Errington property represents an attractive precious metals prospect. A renewed exploration program to further evaluate its economic potential is warranted at this time.

RECOMMENDATIONS

A staged program of exploration is recommended for the Errington property. Results in each stage would assist in determining the advisability and timing to proceed to the next stage. Also, results that may be forthcoming from other exploration efforts in the area may be of significance and have a bearing on the decision to proceed with further exploration other than that recommended as of this writing.

STAGE I

Re-establish the existing line grid that was cut northwesterly on a 400 foot spacing during the Summer of 1980. This should be brushed out and re-chained within the present property limits.

Delineate the main anomalies available from the previous survey data using similar instrumentation. A scintillometer check survey over these anomalous areas may be beneficial. It is understood that the Metalore Resources ore zones contain a potassium content and where magnetic lows coincide with EM conductivity over the ore zones, the scintillometer readings are generally 4-5 times higher than background.

Detailed geological mapping and prospecting should be performed utilizing the same base grid. This would include plan, report and assessment filing.

Cleaning and trenching old pits for re-sampling. This includes labour, Cobra drilling and blasting fresh faces.

Mechanical stripping which would include a bulldozer and backhoe. This would involve stripping and blasting known showings and anomalies where bedrock is evident or overburden is shallow.

STAGE II

Stage II would consist of further mechanical stripping if warranted and up to 5,000 feet of diamond drilling selected targets.

STAGE III

Based on positive results encountered in Stage II, up to 10,000 feet of additional drilling may be warranted.

ESTIMATE OF RECOMMENDED PROGRAM COSTS

STAGE I

All of the following costs include
Mobilization and Demobilization:

Brush and chain existing grid.....	\$ 2,500.00
Geophysical check work.....	2,500.00
Geological mapping, prospecting, report.....	5,000.00
Cleaning and trenching old pits.....	3,500.00
Mechanical stripping, trenching and blasting.....	15,000.00
Assaying, supervision, progress reports, miscellaneous.....	3,500.00
Contingencies.....	<u>3,000.00</u>
Total Estimated Cost of Stage I	<u>\$ 35,000.00</u>

STAGE II (if required)

Mechanical stripping, trenching and blasting.....	\$ 25,000.00
Diamond Drilling: all costs including mobilization, demobilization, project supervision and assaying.	
5,000 feet of BQ Drilling @ \$30.00/foot.....	150,000.00
Contingencies.....	<u>10,000.00</u>
Total Estimated Cost of Stage II	<u>\$185,000.00</u>

ESTIMATE OF RECOMMENDED PROGRAM COSTS
(Continued)

STAGE III (if required)

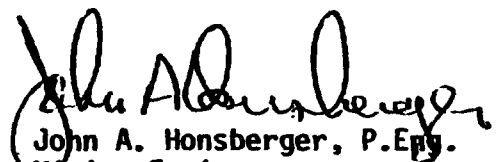
Diamond Drilling: (see Page 7)

10,000 feet of BQ Drilling @ \$30.00/foot.....	\$300,000.00
Contingencies.....	<u>15,000.00</u>
Total Estimated Cost of Stage III	<u>\$315,000.00</u>

SUMMARY OF COST ESTIMATES

Estimated Cost of Stage I.....	\$ 35,000.00
Estimated Cost of Stage II.....	185,000.00
Estimated Cost of Stage III.....	<u>315,000.00</u>
Total Estimated Program Cost	<u>\$535,000.00</u>

Toronto, Ontario
August 25, 1986


John A. Honsberger, P.Eng.
Mining Engineer

CERTIFICATE

I, John A. Honsberger, residing at Suite 1403, 250 Heath Street West, Toronto, Ontario M5P 3L4, do hereby certify as follows:

That I attended the University of Missouri School of Mines and Metallurgy and graduated with a B.Sc. degree in Mining Engineering.

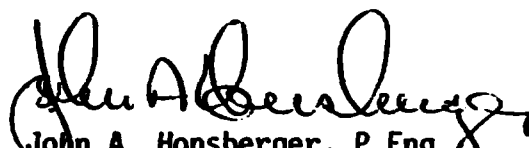
That I am a member of the Association of Professional Engineers of the Province of Ontario.

That I have no interest direct or indirect either present or expectant in the property, nor in the shares of Errington Industrial Enterprises Ltd.

That the report on Elmhirst township, Ontario property, attached herewith and dated August 25, 1986 is based:

- (a) On detailed examination of all pertinent data describing the local, regional and economic geology and relative developments in the area, as to be found in government reports and geological maps.
- (b) On close inspection of all reports, diamond drill logs, assay sheets, geophysical plans and report that were available to Mr. G. B. Paige, Geo-Technologist, of Val d'Or, Quebec, who constructed the compilation map accompanying this report. I have, from time to time, been professionally associated with Mr. Paige over more than 20 years.
- (c) Not on a specific property examination for reasons stated in the Introduction to my report. I anticipate a trip to the property this Fall in order to sample targeted surface exposures that are to be stripped and trenched as recommended in Stage I of the attached report.
- (d) On a regional familiarity with the Beardmore-Geraldton district gained through active participation in other regional exploration projects.

Toronto, Ontario
August 25, 1986


John A. Honsberger, P.Eng.
Mining Engineer

APPENDIX

I MINING CLAIMS

<u>Claim Number</u>	<u>Expiry Date</u>	<u>Acreage</u>
907501	April 22, 1987	40
907502	"	"
907503	"	"
907504	"	"
907505	"	"
907506	"	"
<hr/>		<hr/>
6 Claims		240 Acres

II COMPILATION MAP includes:

1. Property and Claim Location Map
2. Sample Plan of Main Showing
3. Plan Showing Geophysics, Showings and Diamond Drill Holes
4. Longitudinal Section of Drill Intersections-Main Showing

III REFERENCES

- Bruce, E. L. The Eastern Part of the Sturgeon River Area
1937 (Jelicoe-Sturgeon River Section), Ontario
Dept. Mines, Vol. 45, pt. 2, p. 1-59.
- Ingham, W. N. Senvil Mines Ltd. Report and Plan.
1959
- Tyson, A. E. Maloney Square Lake Property. Report.
1959
- Mackasey, W. O. Summary of Field Work, 1972, Misc. Paper 53,
and Wallace, H. Elmhirst and Rickaby Twps., p. 76-80.
1973 Prelim. Map 801, Geol. Ser., Scale 1 inch to 1/4 mile.
- Chilian, G. W. Metalore Resources, D.D.H. Logs.
1978

REFERENCES (Continued)

- MacCormack, L. V. Dome Explorations, D.D.H. Logs, Plans.
1980
- Woodard, J. A. Dome Explorations - Project 145, Magnetometer
1980 and VLF Electromagnetic Survey Plans and Report.
- Paige, G. B. Compilation Map.
1985

REPORT FOR ONTARIO EXPLORATION PROGRAM NO. 0H88

PART I - Beardmore Area

INTRODUCTION

Goldteck Mines Limited of Toronto carried out a diamond drilling program totalling 10,945 feet from January 6, 1988 until March 2, 1988. The drilling was done in Elmhirst and Rickaby townships in the Beardmore area in the Thunder Bay Mining Division of Ontario.

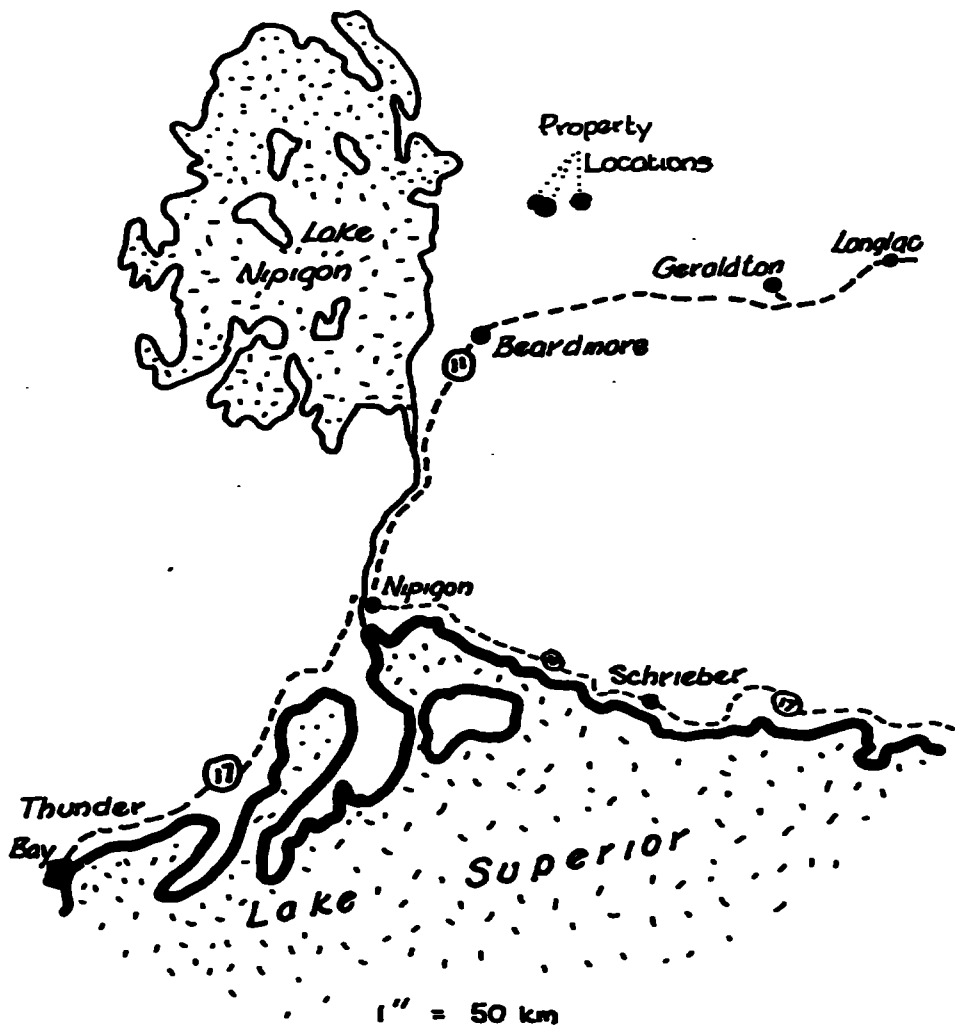
Page 2 is a key map showing location of the properties.

DIAMOND DRILLING DETAILS

The drilling was done on three properties two of which were located in Elmhirst township and were contiguous and one property in Rickaby township. A map on page 3 shows their relative locations.

The Elmhirst township properties were designated as:
The Wilkinson Lake property and
The Miron Elmhirst property.

The Rickaby township property was designated as:
The Miron Rickaby property.



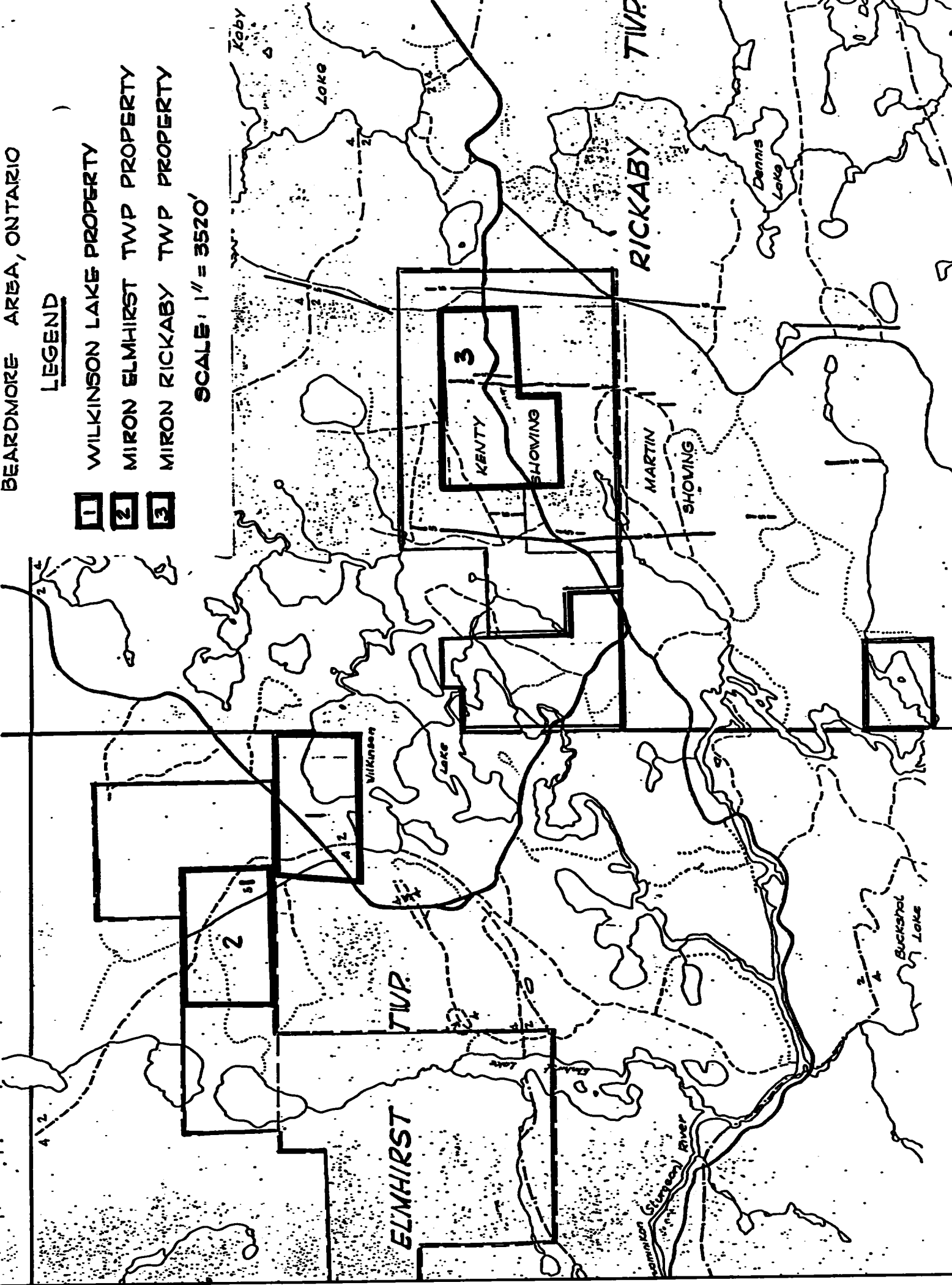
KEY MAP

1 0 1 DT K N ES ...IT...
BEARDMORE AREA, ONTARIO

LEGEND

- 1** WILKINSON LAKE PROPERTY
- 2** MIRON ELMHIRST TWP PROPERTY
- 3** MIRON RICKABY TWP PROPERTY

SCALE: 1" = 3520'



Following is a breakdown of the drilling by property:

1. Wilkinson Lake Property (Elmhirst township)

<u>Hole</u>	<u>Footage</u>
87-13	607
87-14	607
87-15	557
87-16	407
87-17	407
87-18	607
87-19	807

TOTAL 3,999 3,999

2. Miron Elmhirst Property

<u>Hole</u>	<u>Footage</u>
88-01	1,107
88-02	1,407
88-03	407
88-04	607

TOTAL 3,528 3,528

3. Miron Rickaby Property

<u>Hole</u>	<u>Footage</u>
88-05	557
88-06	700
88-07	697
88-08	857
88-09	607

TOTAL 3,418 3,418

GRAND TOTAL 10,945

Assays

1. Wilkinson Lake Property

<u>Hole No.</u>	<u>Core Assays</u>	<u>Sludge Assays</u>
87-13	37	0
87-14	29	5
87-15	34	0
87-16	19	0
87-17	30	33
87-18	10	0
87-19	87	77
	<u>246</u>	<u>115</u>

Assayed for gold only
Total Assays 361

2. Miron Elmhirst Property

88-01	86	110
88-02	83	124
88-03	16	39
88-04	30	59
	<u>215</u>	<u>332</u>

Assayed for gold and silver
Total Assays 547 x 2 = 1,094

3. Miron Rickaby Property

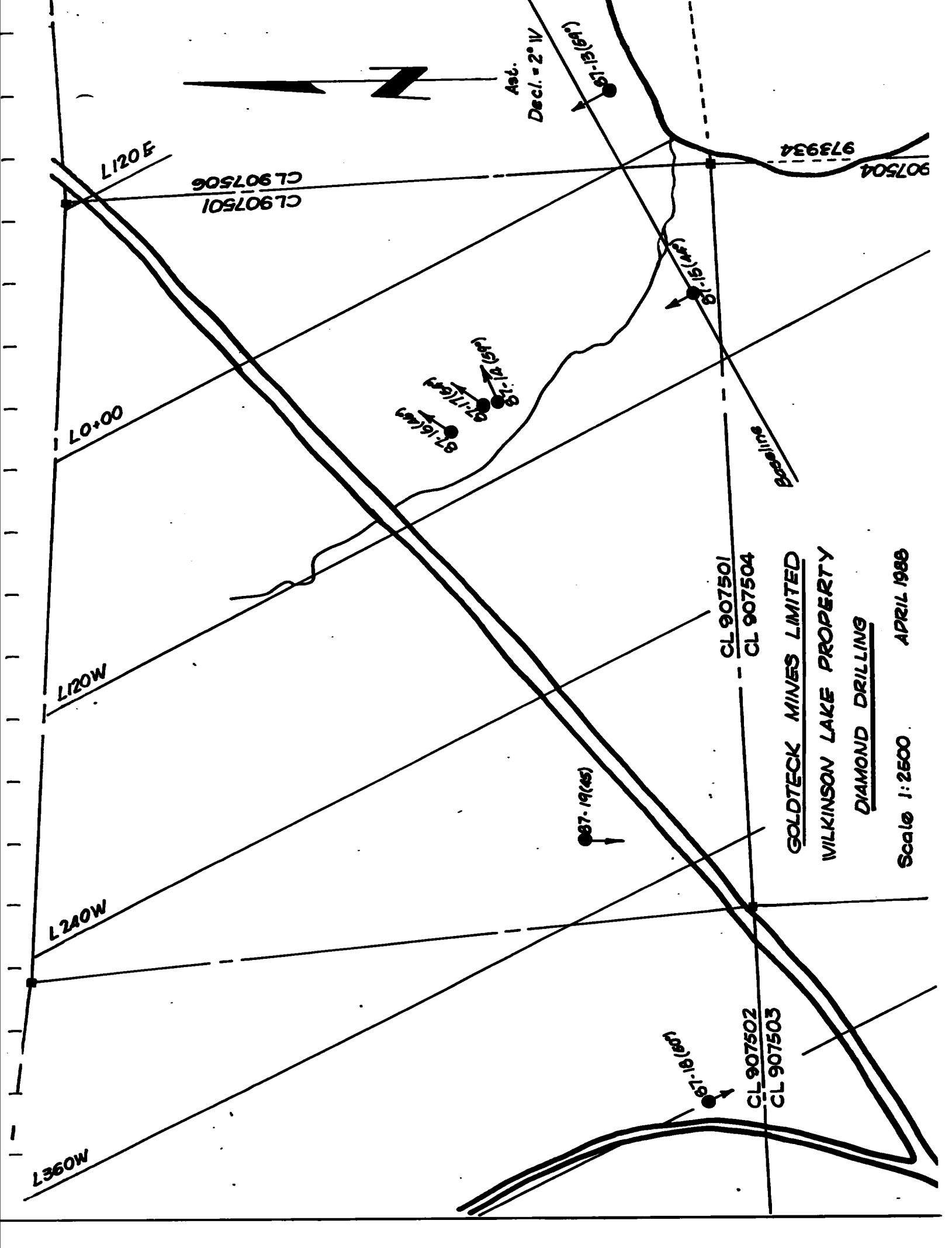
88-05	44	2
88-06	42	43
88-07	95	29
88-08	80	55
88-09	50	0
	<u>311</u>	<u>129</u>

Assayed for gold, silver, copper and zinc:
Total = 440 x 4 = 1,760

GRAND TOTAL OF ASSAYS: 3,215

WILKINSON LAKE PROPERTY

- 1. DRILL HOLE LOCATION MAP**
- 2. DRILL SECTIONS OF HOLES 87-13 TO AND INCLUDING 87-19**
- 3. DRILL LOGS OF HOLES 87-13 TO 87-19**



L120E

CL 907501
CL 907506

973934
907504

L0007

87-16 (AS)
87-17 (AS)
87-18 (AS)

87-15 (AS)

Asst.
Decl. = 2° W

L120W

Baseline

CL 907501
CL 907504

GOLDTECK MINES LIMITED
WILKINSON LAKE PROPERTY
DIAMOND DRILLING

APRIL 1988

Scale 1:2500

L240W

87-19 (AS)

CL 907502
CL 907503

87-18 (AS)

L360W

N30W

87-13(60)

87-12(45)



D 124

low values
Zone

Rocktype - Dacite

150.5m = 497'

184m = 604'

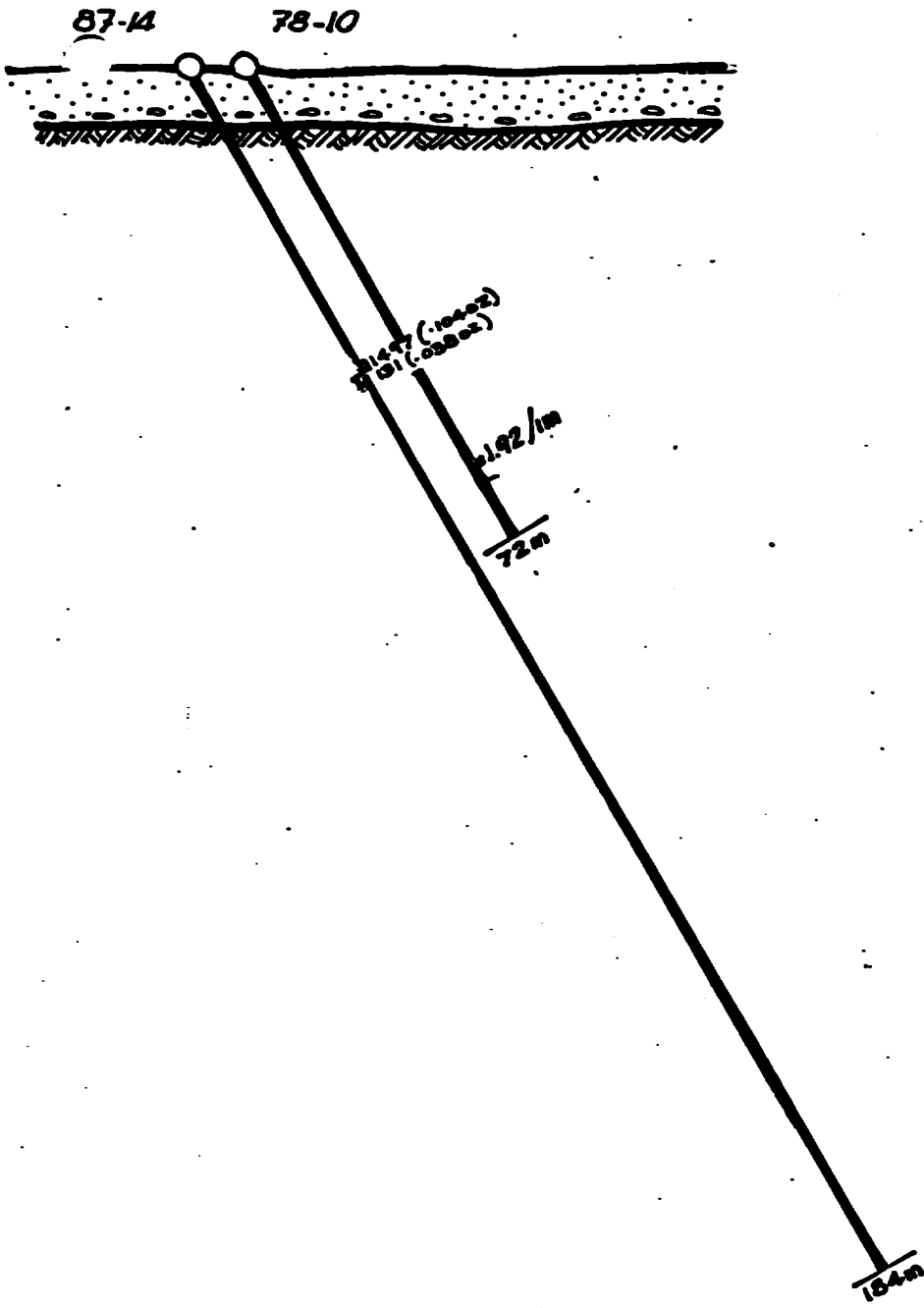
GOLDTECK MINES LIMITED
WILKINSON LAKE DRILLING

DDH'S 87-12
87-13

SCALE 1:1000

DEC. '87

w.i.a.



GOLDTECK MINES LIMITED

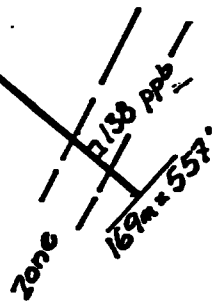
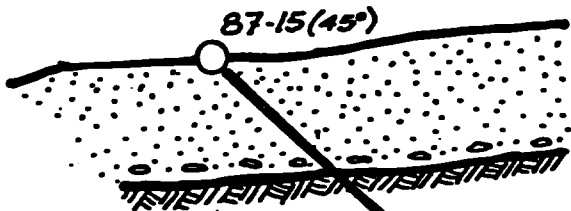
WILKINSON LAKE DRILLING

DDH's 78-10
87-14

SCALE: 1:1000

'87 & '88

N 30 W

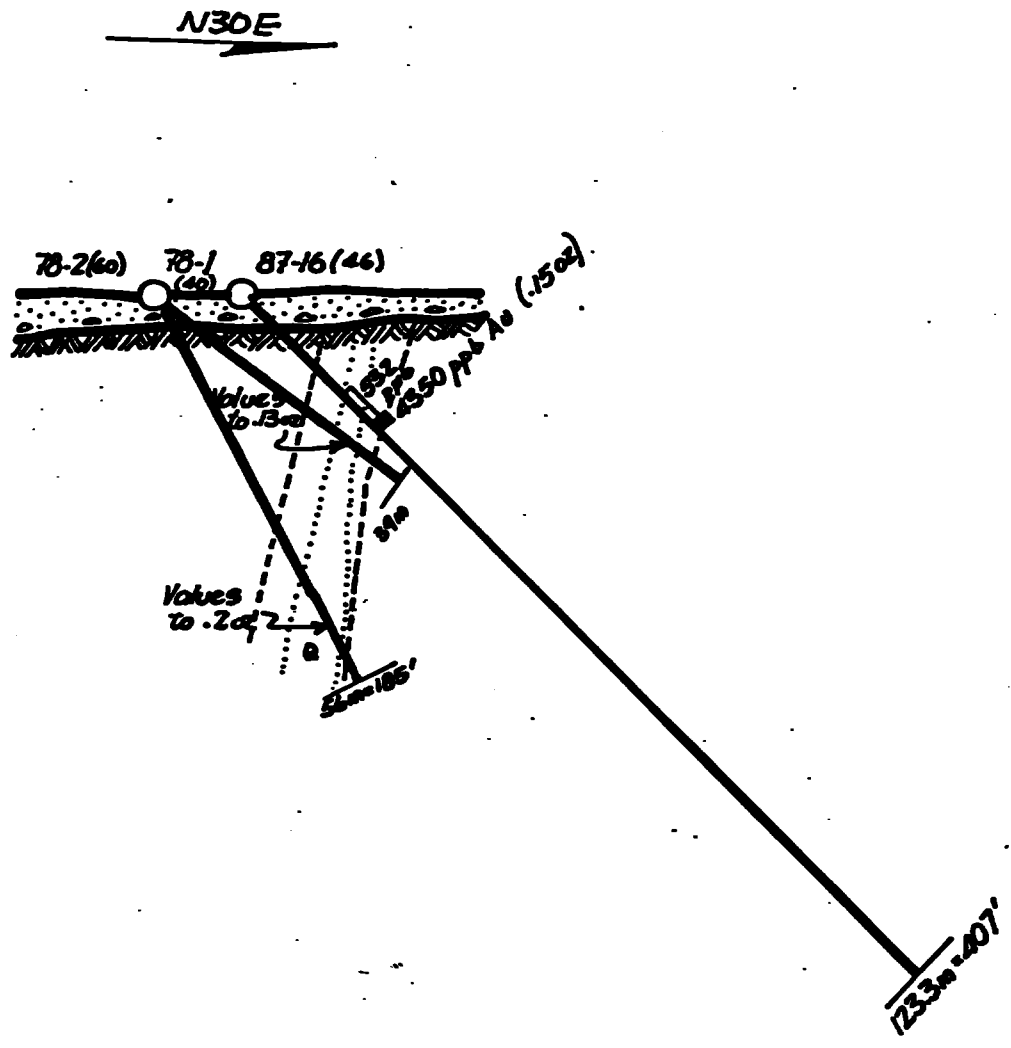


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WILKINSON LAKE DRILLING

DDH 87-15

SCALE: 1:1000

JAN. '88



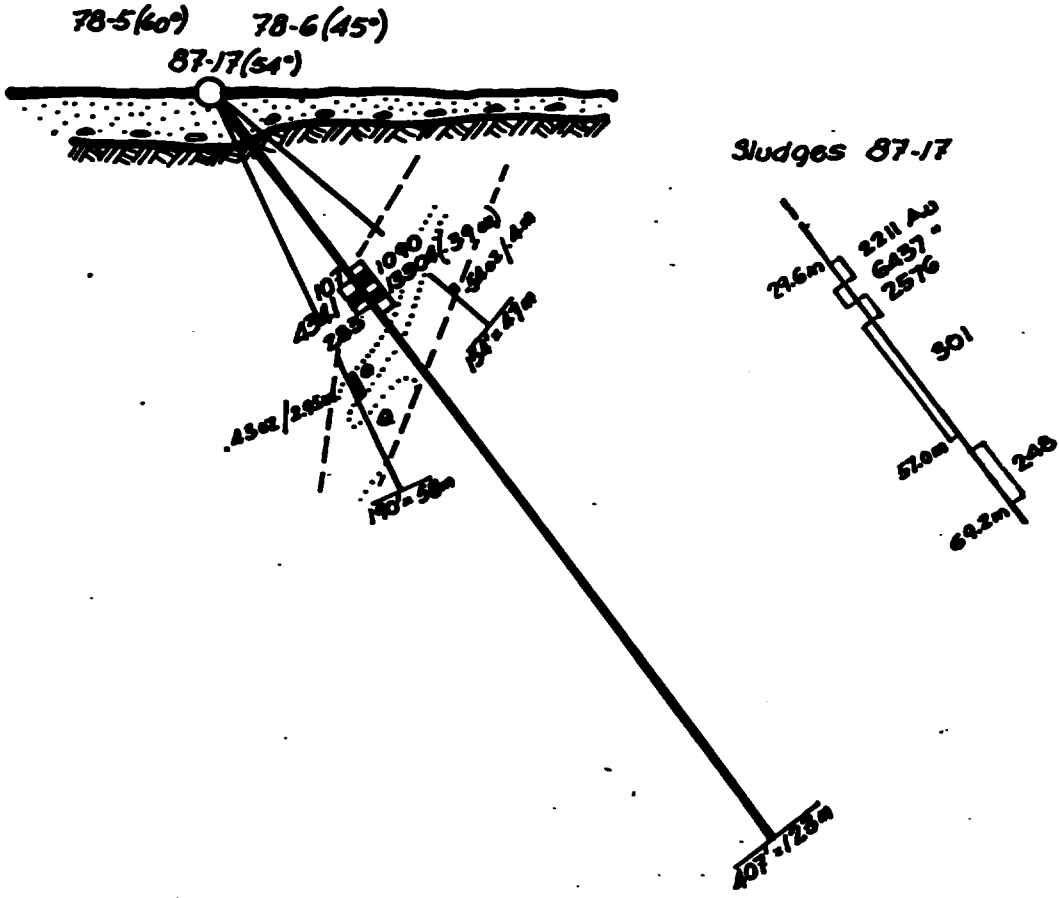
GOLDTECK MINES LIMITED
 WILKINSON LAKE DRILLING

DDH 87-16
 78-1
 78-2

SCALE: 1:1000

MAR '88
 a.j.m.

N30E



DDH 87-17
78-05
78-06

S30E

87-18 (50°)

Au in ppb

Gd

245 Au

DI

145 Au
248 Au

Gd

311 Au
126 Au

125 Au

518 Au

390 Au

191 Au

Gd

185m-60T

GOLDTECK MINES LIMITED
WILKINSON LAKE DRILLING

SCALE 1:1000

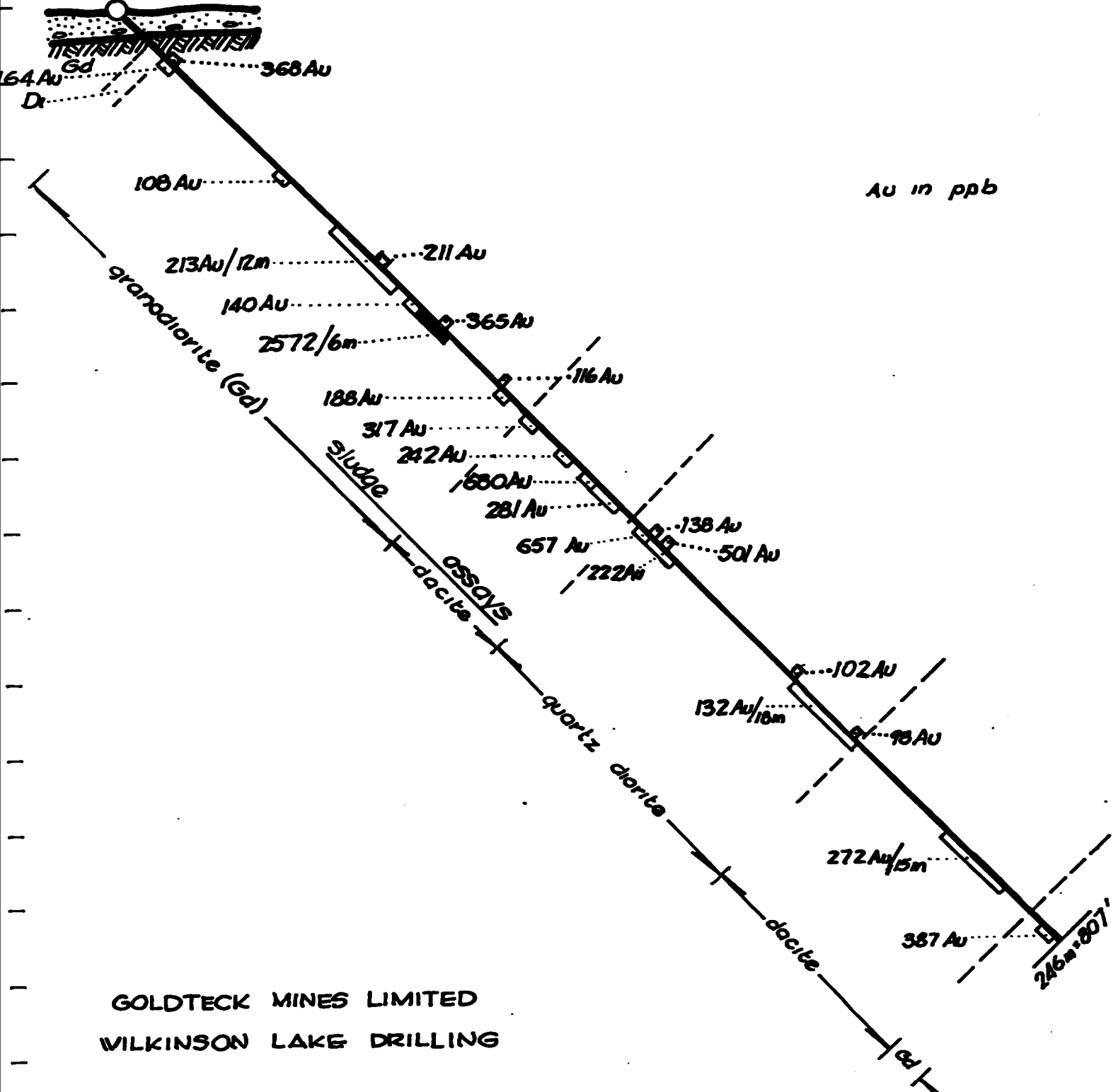
APRIL '88

DDH 87-18

SOUTH



87-19(45')



Au in ppb

GOLDTECK MINES LIMITED
WILKINSON LAKE DRILLING

SCALE 1:1000 APRIL '88

DDH 87-19

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-13
Page No: 1 of 3

Job: <u>Beardmore N.T.S.</u> Property: <u>Wilkinson Lake</u> Twp./Prov.: <u>Elmhurst, Ontario</u> Location: Latitude: <u>10MS</u> Departure: <u>0-40 E</u> Elevation: _____		Drilled By: <u>Motherlode</u> Commenced: <u>January 5, 1988</u> Completed: <u>January 8, 1988</u> Length: <u>183.9m</u> Logged By: <u>S.H. Pudiffin</u> Date: <u>March 14, 1988</u>		Core Location: <u>Beardmore</u> Core Size: <u>BQ</u> Remarks: _____ Claim No: <u>907506</u>		Tests: @ Collar: _____ <u>307'</u> <u>607'</u> _____		Dip <u>59o</u> <u>56o</u> <u>57o</u> _____		Azimuth _____ _____ _____ _____	
From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description		
0	11.20	0	Casing -								
11.20	26.98	15.78	Dacite - med. grey; f. gr. to aphanitic; weakly porphyritic; feld. phenocrysts to 0.5cm; 11.20-12.80m is rubbly, fractured into pieces <4cm; minor iron staining along fracture surfaces.; minor calcite veinlets; py occurs as fracture filling and disseminated; f. gr. crystals; 16.97-18.60m: weakly brecciated, silicified with ~2% f. gr. py minor traces of sericite towards bottom of interval	93830 93831 93832	13.44 15.65 16.97	14.04 16.40 18.60	0.60 0.75 1.63	20 14 250	-1% py along fracture and disse. within dacite -2-3% f. gr. disse. py -silicified; weakly brecciated with 1-2% f. gr. disse. py		
26.98	28.64	1.66	Sheared Dacite - Similar to above interval; calcite wisps and veinlets common; silicified patches associated with qtz stringers; m.-c. gr. py assoc. with qtz; also f. gr. disse. py along foliation; sheared @ 35o to c.a.	68701	26.98	28.64	1.66	124	-1% py in qtz. stringers; along foliation planes		
28.64	66.87	38.23	Dacite - Similar to 11.20-26.98m. -mainly porphyritic; feld. phenocrysts to 4mm -intervals of massive non-porphyritic dacite intercal'd with porphyritic intervals; light-greenish yellow silicified patches common where qtz veinlets occur; crosscut. by later qtz-veinlets; minor purplish-blue qtz in some porphyritic zones.								

GREATER TENAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-13
Page No: 2 of 3

From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description
28.64	66.87	38.23	Shear Zone - Chlorite-sericite-carbonated schists Moderately well sheared; foliation varies as described in sample description. -generally py is f. gr. & dissem. along the foliation; more abundant py assoc. with light green silicified patches	68702	51.64	52.93	1.29	17	-v. f. gr. dissem. py, ~0.5%; sheared @ 250 to c.a.
				68603	52.93	53.86	0.93	6	-v. f. gr. dissem. py, ~0.5%; sheared @ 250 to c.a.
				68704	53.86	55.33	1.47	19	-sheared at 320 to c.a.; reddish orange qtz; qtz stringers 0.25-0.5% py
				68705	55.33	56.74	1.41	13	-contorted reddish-orange qtz blebs sheared at 400 to c.a.; tr. py
				68706	56.74	58.23	1.49	12	-shearing at 250 to c.a.; lower inter-nal is intensely sheared with guge 0.5% py
				68707	58.23	59.70	1.47	16	-sheared at 300 to c.a.; qtz-calcite blebs; 1 - 2% py
				68708	59.70	61.19	1.49	9	-similar to above, with 0.5-1% py in silicified patches, reddish stringers
				68709	61.19	62.74	1.55	11	-as above, silicified patches assoc. with more py
				68710	62.74	64.07	1.33	8	-as above, 0.5% f. gr. dissem. py sheared at 300 to c.a.
				93833	64.07	65.47	1.40	13	-moderately sheared @ 400 to c.a. ~0.25% py; slightly more felsic than above
66.87	81.30	14.43	Dacite - Med. to light grey; aphanitic; weak to moderate shearing in upper part of interval; subrounded fragments(?) from 0.5cm to 5 x 9 cm; sericitized -qtz-calcite stringers cause local weak brecciation with minor f. gr. py.	93834	65.47	66.87	1.40	16	-as above with irregularly oriented qtz-calcite stringers
				93835	71.82	73.32	1.50	28	-fractures from qtz-calcite veinlets; siliceous; 0.5% py
				93836	73.22	74.72	1.50	10	-as above
				93837	83.94	84.55	0.61	13	-breccia; py up to 0.5% between rock fragments
				93838	89.48	89.82	0.34	23	-py is replacing chlorite-rock fragments (~2%)
				93839	103.65	101.15	1.50	7	-1% f. gr. py & 0.5% f. gr. po; dissem. throughout
81.30	112.10	30.80	-qtz-vein with minor calcite at selvedge from 91.40-96.47m @ 410 to c.a.; minor very f. gr. py	93840	112.32	112.47	0.15	6	-massive blebs po with tr. cp within qtz vein sub perpendicular to c.a.

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: R7-13
Page No: 3 of 3

From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description
			-91.00-93.50m; v.f. gr. tuff; soft chlorite rock .. traces of epidote associated with silicified patches	93841 93842	113.67 115.98	113.96 116.43	0.29 0.45	9 6	-as above -fractured with calcite, 2% py along surfaces ~1% v.fg. disse. py;
112.10	120.00	7.90	Dacite - Med. grey; aphanitic, massive, qtz veins commonly host blebs of po and minor cp; occasional qtz calcite veinlets. Dacite to Rhyodacitic Fragmentals - Tuff grading into altered dacite: Med. grey with light grey to buff rhyodacite patches; fracturing is common; po often replaces chloritic domains; py occurs as disseminations but mainly occur as fracture coatings; minor feldspar phenocrysts; -tr tourmaline	93843 93844 93845	124.55 126.05 127.40	126.05 126.57 128.55	1.50 0.52 1.15	8 12 21	-massive po blebs w. py 2% -blebs of po w. tr. cp. (also f. g.r dissem.) 1% f. gr. py ~1% f. gr. po (also blebs) 0.5% f.gr.py ~2% f. gr. po and 0.5% py -0.5% f.gr. py in silicified patches tr.f. gr. po -3% f. gr. po replacing chloritic domains; 1% py -altered dacite; 0.5% f. gr. po disseminations in silicified patches -dissem. py up to 0.5% within volcanic core; tr. py
120.00	143.02	23.02		93846 93847 93848	129.73 135.76 139.05	130.33 137.26 139.69	0.60 1.50 0.64	10 9 8	
				93849	191.52	143.02	1.50	8	
				93850	155.40	156.50	1.10	(5	
				93851	159.40	160.90	1.50	.13	
143.02	183.94	40.92	Altered Dacite to Andesite - Med. grey to green; f. gr. with f. g.feldspar phenocrysts; chlorite content is quite high; f. gr. po and disse. py ubiquitous throughout core up to 0.5%	93852 93853 93854 93855 93856	160.90 162.40 163.90 165.40 168.80	162.40 163.90 165.40 166.90 169.30	1.50 1.50 1.50 1.50 0.50	8 12 8 8 11	
			183.94 E.O.H. No sludges						

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-14
Page No: 1 of 3

Job: Beardmore N.T.S. Property: Wilkinson Lake Twp./Prov.: Elmhurst, Ontario Location: Latitude: 1+22 N Departure: 0+70 W Elevation:		Drilled By: Motherlode Commenced: January 9, '88 Completed: January 12, '88 Length: 183.9m (607') Logged By: S. M. Pudifin Date: March 1, 1988		Core Location: Beardmore Core Size: BQ Remarks:		Tests: @ Collar: 590 307' 607'		Dip Azimuth 590 0600 600 600	
From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description
0	7.68	0	Casing -						
7.68	18.82	11.14	Rhyodacite - Light gray, siliceous, minor sericite along fracture surfaces; calcite wisps and veinlets with minor traces of epidote host f. gr. dissem., clusters of py -weakly porphyritic towards bottom of interval	93810A 93811A 93812A 93813A 93814A 93815A 93816A 93817A	7.68 9.18 10.68 12.18 13.68 15.18 16.68 18.18	9.18 10.68 12.18 13.68 15.18 16.68 18.18 18.82	1.50 1.50 1.50 1.50 1.50 1.50 .64	7 11 16 14 14 5 8 10	~2% dissem. f. gr. py ~1% f. gr. py dissem. throughout interval ~1% f. g. gr. dissem. py -as above, qtz calcite vein 15cm -as above -as above; 0.5% py -as above; wkly porphyritic -as above
18.82	39.45	20.63	Dacite - Moderately to weakly porphyritic; gradational upper contact; slightly darker grayish-green due to minor chlorite content; massive; minor v.f. gr. dissem. py; 32.42-34.12m; tuffaceous more siliceous; 35.75-39.45m; multiple thin calcite veinlets @400 to c.a.; feldspar phenocrysts almost completely obliterated due to weak shearing	93818A 93819A	32.42 34.60	34.12 35.20	1.70 2.40	14 10	-tuffaceous silicified rock with f. gr. dissem. py (0.5-1%) -calcite qtz vein subparallel to c.a. with 0.5% dissem. py
39.45	53.60	14.15	Shear Zone: Chlorite, Sericite - Carbonate schist; strongly foliated & contorted in upper part of interval (see sample description); massive white opaque qtz vein from 46.85-48.85m; v. f. gr. py is concentrated in chlorite-sericite slips -lower 2.85m has less shearing and "ghosts" fragments (agglomerate-lapilli tuff)	68725 68726 68727 68728 68729 68730	39.45 41.14 42.51 43.96 45.30 46.85	41.14 42.51 43.96 45.30 46.85 48.85	1.69 1.37 1.45 1.34 1.55 2.00	74 312 106 35 1497 131	~15-300 to c.a.; foliation-sericite 0.5-1% v. f. gr. py -similar to above, foliated @ 250 to c.a.; minor qtz -as above with qtz "knots" & more calcite wisps -as above, more qtz "knots" -cut with abundant qtz 0.5% py (swas. 2015) (1/4 'd) -tr. f. gr. py; white opaque qtz with chlorite-sericite filled slips (swas. 225) (1/4 'd)

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-14
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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description:
53.60	56.20	2.60	Dacitic Fragmental (lapilli to agglomerate) - light-med grey, siliceous; "ghost" fragments are subrounded up to 4cm in diameter; weakly sheared with chlorite and sericite along fracture surfaces -minor f. gr. dissem. py	68731	48.85	50.76	1.91	48	-rubble, strong shearing; qtz-sericite with 0.5-0.25% py (1/4')
56.20	61.00	3.80	Altered Dacite - Light-grey, f. gr. mottled; similar to 18.83-39.45m	68732	50.76	52.18	1.42	11	-moderate shearing, almost fragmental texture with calcite + 0.25% py
61.00	69.82	8.82	Dacitic Fragmental (lapilli tuff) - Similar to 53.60-56.20m but some massive zones as well; silicified patches are common; calcite veinlets present; minor f. gr. dissem. py	68733	52.18	53.60	1.42	8	-as above
69.82	98.80	28.98	Altered Dacite - f. gr. dark green & mottled from silicified patches; minor thin calcite veinlets; tr. blebs of po with occasional spacks cp; porphyritic towards bottom of interval	93820A	69.52	68.82	0.30	35	-calcite vein with qtz fragments within sil py
98.80	99.50	0.70	Mafic Dyke - f. gr. dark green; mainly chlorite with calcite and feldspar						
99.50	107.45	7.95	Andesitic to Dacitic Lapilli Tuff - Med. to dark-greyish green; fragments are more felsic and generally subangular; minor f. gr. py, also occurs as flakes on fracture surfaces; chlorite is abundant in narrow intervals; dissem. small blebs of po occur in more mafic intervals	93821A	107.05	107.45	0.40	10	-f. gr. chloritized; 1-1.5% po
107.45	186.50	74.05	Dacite Moderately porphyritized; feldspar phenocrysts up to 2mm; minor silicified zones with irregular distribution of py, po and cp	93822A	108.20	108.88	0.68	34	-breccia, felsic angular fragments 1% po blebs; tr. dis. f. gr. py
				93823A	117.00	118.45	1.45	11	-silicified with 1%-0.5% f. gr. "blebby" po, tr. py

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-14
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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description:
			(up to 3% sulfides) Breccia with felsic fragments up to 6cm x 3cm from 108.20-108.88m Chlorite is ubiquitous along fracture surfaces Calcite vein @ 600 to c.a @ 170.80m (5cm wide)	93824A	120.45	120.80	0.35	13	-fracture @ 200 to c.a.; 2% f. -m. gr. po. tr. py
				93825A	122.97	124.47	1.50	7	-silicified; fractured; po 1-2% concentrated in frag.; tr. py
				93826A	124.47	125.97	1.50	7	-as above
				93827A	125.97	126.97	1.00	12	-0.5% py
				93728A	139.40	139.86	0.46	7	-calcite veins @ 400 to c.a. with
181.50	183.93	2.43	Porphyry: Dacitic - c. gr., med. grey; abundant subrounded feldspar phenocrysts up to 4mm diameter; massive; minor biotite and calcite along fracture surfaces; tr. dissem. py	93829A	147.70	149.25	1.55	18	-with associated po (2%) -minor silicification; calcite with minor epidote; 0.5% py
			183.83 E.O.H. No sludges available						

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-15
Page No: 1 of 3

Job: <u>Beardmore</u> N.T.S. Property: <u>Wilkinson Lake</u> Twp./Prov.: <u>Elmhurst, Ontario</u> Location: Latitude: <u>BL</u> Departure: <u>0+80 W</u> Elevation: _____		Drilled By: <u>Motherlode</u> Commenced: <u>January 12, '88</u> Completed: <u>January 14, '88</u> Length: <u>168.80m (557')</u> Logged By: <u>S. M. Pudiffin</u> Date: <u>Feb. 28-29/88</u>		Core Location: <u>Beardmore</u> Core Size: <u>80</u> Remarks: _____ Claim No: <u>907501</u>		Tests: @ Collar: _____ <u>607'</u> _____		Dip <u>440</u> <u>42.50</u> _____		Azimuth <u>1300</u> _____	
From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description		
0	21.80	0	Casing -								
21.80	30.96	9.16	Dacite - Porphyritic with narrow non-porphyrific inter- vals; feldspar phenocrysts 4mm to 3mm dia.; generally massive with thin calcite veinlets; minor f. gr. dissem. po and py; associated fractures filled with py								
30.96	32.90	2.06	Dacite - Non-porphyrific; f. gr.; med. grey; thin fractures perpendicular to c.a. from 31.72 to 32.22m; fractures are randomly oriented & filled with chlorite and/or calcite; minor silicifi- cation, locally along selvages; tr. f. gr. py 32.42-32.90m; massive homogeneous f. gr. calcite	93779A	33.20	34.20	1.00	49	-silicified patches with f. gr. py 0.25%		
38.42	67.76	19.34	Dacite: Altered - Moderately weakly silicified patches present; narrow intervals of porphyritic dacite, minor narrow fractures filled with py; 35.40m - blebs of purplish-blue cherty quartz; 37.43m qtz- calcite vein 3cm wide @ 230 to c.a. Dacite: Porphyritic Similar to 22.80-30.96m; minor silicified zones with epidote 60.00-60.43m: grayish white qtz causing sili- cification; f. gr. masses of py throughout 62.16-62.46m: dacitic tuff	93780A 93781A 93782A	55.46 60.00 62.16	55.92 60.43 62.46	0.46 0.43 0.30	23 19 1068	-massive py and po veinlets (po replacing py?) -qtz vein with greenish silicification; 1% f. gr. py -poorly laminated with 1% f. gr. py		

GREATER TENAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-15
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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description:
67.76	72.02	4.26	Dacite -non-porphyric -minor qtz-calcite veinlets often @ 500 to c.a.; minor dissem. py	93783A	67.48	67.76	0.28	114	-silicified fracture; tr. po & py
72.02	79.15	7.18	Dacitic Lapilli Tuff Med. greyish green; weakly porphyritic with obliterated more felsic fragments up to 2cm x 1cm in size; dissem. py is most common along calcite veins + fractures as well as in epidote-rich silicified zones. Core is quite strongly fractured.	93784A	79.19	80.15	1.00	17	-silicified with minor epidote; 1% v. f. gr. py
79.15 80.15	87.90	1.00 7.75	Phyllite, light grey; fractured; ~1% py Dacite - Porphytic; feldspar phenocrysts are saussuritized to med-green; minor epidote along fractures; occasional qtz eyes; 82.15-82.45m: strongly fractured. @ 400 to c.a.; altered with coloured carbonate; 83.62-84.50m: similar to above with abundant qtz-carbonate veins generally @ 800 to c.a. Up to 0.5% local concentrations of py	93785A 93786A	83.62 84.50	84.50 86.00	0.88 1.50	336 17	-altered with qtz-calcite veins & fracture; filled with f. gr. py -porphyritic; epidote common; 0.25% py especially in fract.
87.90	115.57	27.67	Altered Dacite - Strong epidote alteration (could be amygdules) f. gr. dissem. py present throughout interval; several zones are intensely fractured and core is rubbly (0.5cm to 5cm pieces); 98.57 to 101.00m; 103.10-103.35m; 108.88-112.20m; saussuritized feldspar phenocrysts are abundant in lower 15m of interval	93787A 93788A 93789A 93790A 93791A 93792A 93793A 93794A	87.91 89.41 90.91 92.41 93.91 95.41 96.91 108.38	89.41 90.91 92.41 93.91 95.41 96.91 109.80	1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.42	13 9 8 11 18 8 13 86	~1% - 0.75% f. gr. py ~1% f. gr. py -same as above -same as above -same as above -same as above ~0.5% py -vugs with 1-1.5% py; py also in fractures
115.57	116.47	0.90	Mafic Dyke - Dark green; fgr; abundant chlorite with calcite, altered feldspar and minor qtz; calcite vein with minor qtz (7cm wide) @ 650 to c.a.						

GREATER TENAGANI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-15
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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description
116.47	127.20	10.73	Altered Dacite - Similar to 87.90-115.57m Vuggy, epidote rimmed amygdules host py from 117.43 to 117.88m feldspar phenocrysts are abundant	93795A 93796A	117.43 121.50	117.88 123.00	0.45 1.50	10 186	-vuggy amygdules; epidote with 1% py -silicified, fractured, 0.5% f. gr. py calcite filled vugs -silicified with 1-2% py; foliation 300 to c.a.
127.20	134.85	7.65	Altered Rhyodacite to Lapilli Tuff - Lighter grey, silicified with epidote & calcite filled amygdules; minor sericite along fracture surfaces; intensely fractured intervals	93797A 93798A 93799A	126.66 127.20 128.70	127.20 128.70 130.20	0.54 1.50 1.50	54 14 20	-epidote patches mineralized with f. gr. py (3-4%), vugs -vugs filled with calcite, epidote; py 2%
134.85	143.50		131.55-133.50m: fragmental; rhyolitic breccia; subangular fragments up to 3cm diameter; rubble from 133.25 to 133.50m; py is ubiquitous throughout and particularly associated with fractures ~2-3% overall	93800A 93801A 93802A 93803A	130.20 131.70 133.20 133.50	131.70 133.20 133.50 134.85	1.50 1.50 0.30 1.35	14 16 18 13	-same as above -3% py; fragmental at lower end -rubble; abundant clay w. 1% py -py up to 1% assoc. w. calcite; epidote patches
143.50	144.90	1.40	Altered Dacite - Similar to above but more chlorite; less py	93804A 93805A 93806A	134.85 137.88 139.38	136.35 139.38 140.88	1.50 1.50 1.50	11 10 12	~1% py assoc. w. epidote-lined vugs ~3-4% dissem. py ~4% dissem. & blebs of py
144.90	158.40		Dacitic Agglomerate - Fragments are 10cm; outline of more felsic fragments are nearly obliterated; 1% f. gr. dissem. py ubiquitous	93808A 93807A	143.50 140.88	144.90 142.38	1.40 1.50	18 31	-fractured, silicified; 1% blebs & dissem. py ~4% dissem. & blebs of py
158.40	163.59		Dacite - Porphyritic, massive; minor f. gr. py & one bleb po observed; becomes non-porphyritic towards bottom of interval approaching shear	93809A	155.62	156.29	0.67	22	-py filled fractures subparallel to c.a.
163.59	168.79		Shear Zone - Chlorite-calcite schist; wisps of calcite common; thin stringer of Qtz in upper 0.5m; finely dissem py & ubiquitous foliation is @ 550 to c.a.	68761 68762 68763	158.40 160.68 162.15	160.68 162.15 163.59	2.28 1.47 1.44	26 138 16	-gauge, rubble in upper 25cm; tr Qtz stringer; ~2% f. gr. py ~0.5% f. gr. dissem. py -same as above
			Dacite - Silicified and weakly brecc.; finely dissem. py						168.79 E.O.H No Sludges

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-16
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Job: Beardmore N.T.S. Property: Wilkinson Lake Twp./Prov.: Elmhurst Location: Latitude: 1+50 N Departure: 0+85 W Elevation:		Drilled By: Motherlode Commenced: February 6, '88 Completed: February 7, '88 Length: 123.30m Logged By: S. N. Pudifin Date:		Core Location: Beardmore Core Size: RO Remarks: Claim No: 907501		Tests: @ Collar: Dip Azimuth 200' -460 0300 400' -460			
From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description
0	5.80	0	Casing -		15.48	16.80	1.42	9	-altered porphyritic dacite; minor epidote; tr. f. gr. py
5.80	16.90	9.80	Porphyritic Dacite - Med. grey; aphanitic-porphyrific; feldspar phenocrysts up to 4mm diameter; core becomes altered towards bottom of interval; f. gr. dissem. py occurs throughout core	93512	16.80	18.34	1.54	(5	-minor calcite lenses; tr. f. gr. py weakly foliated at 550 to c.a.
16.90	26.70	9.80	Shear Zone - Chlorite-sericite -qtz-calcite schist; generally well foliated; angle to c.a. varies (see sample description) Mineralization is f. gr. dissem. py along foliation planes and in chlorite-sericite slips within qtz veins or stringers.	93513	18.34	19.64	1.30	452	-well foliated to rubbly; 550 to c.a. f. gr. py to 0.5%
26.70	30.50	3.80	Dacite - Similar to 5.80 - 16.90m; moderately silicified from shear	93514	19.64	20.36	1.02	583	-qtz calcite lenses; 0.5-1% py sheared @ 550 to c.a.
30.50	50.38	19.88	Dacitic to Rhyodacitic Fragments - Med. grey; weakly porphyritic, subrounded to subangular fragments of dacite with more rhyodacitic rock or vice versa; size of fragments varies from 5cm to 2mm; sericite is common; trace disseminated py; po occurs within altered, silicified areas; Grades into porphyritic dacite intervals	93515	20.36	20.98	0.62	483	-qtz with chlorite-sericite slips tr. 0.25% f. gr. py
				93516	20.98	22.43	1.45	290	-chlorite-sericite with qtz lenses sheared at 520 to c.a. 5% f. gr. py
				93517	22.43	23.83	1.40	853	-sheared @ 450 to c.a.; contorted; 0.5%-1% f. gr. py
				93518	23.83	25.30	1.47	4350	-shearing varies from 550 to c.a. to 400 @ qtz vein; 0.5-1% f. gr. py
				93519	25.30	26.70	1.40	43	-several qtz stringers and qtz-calcite veins; <0.5% py
				93520	26.70	42.25	0.40	15	-silicified fractures; minor calcite
				93857	41.85	50.38	1.40	8	0.5% f. gr. po; tr py
				93858	48.98				-0.5% f. gr. dissem. py

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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description:
50.38	105.40	55.02	Dacite to Andesite - Generally porphyritic; similar to 580-16.90m; fractured intervals are non-porphyritic and often host py	93859 93860	59.80 64.40	60.25 65.90	0.45 1.50	19 41	-up to 1% py within fractures -fractured; broken core; py up to 0.5% along fractures
105.40	115.60	10.20	Dacite - Non-porphyritic, altered silicified patches common; minor epidote; tr. f. gr. dissem. py; generally massive	93861 93862 93863 93864 93865	69.35 72.45 78.75 80.25 92.77	69.95 73.40 79.30 80.55 82.77	0.60 0.95 0.45 0.30 0.60	14 50 19 10 12	-0.25% dissem. po; 0.25% py along fract. -massive po in chloritic lens @72.90m -calcite vein w. 1% py -blebs po in chlorite-silicified patches -calcite-filled fractures with 1% py & tr po.
115.60	117.10	1.50	Rhyodacitic Tuff - Light-greyish green; aphanitic; siliceous microfractures; tr. f. gr. dissem. py; qtz-calcite vein @ 117.03-117.10m	93866	115.60	117.10	1.50	148	-tr f. gr. dissem. py
117.10	117.55	0.40	Andesite - Dark green; f. gr. chlorite; massive						
117.55	120.18	2.63	Dacite Intercalated with Andesite - Similar to 117.10-117.55 and 105.40-115.60m; epidote present						
120.18	121.72	1.54	Feldspar Porphyry - Med. c. gr.; aphanitic intermediate composition ground mass with 20% feldspar pheno crystals to 3mm; 10% amorphous qtz crystals; 5% f. g. black biotite; massive						
121.72	123.33	1.61	Dacite - Similar to 105.40-115.60						
			123.33 E.O.H. No Sludges						

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-17
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Job: <u>Beardmore</u> , N.T.S.		Drilled By: <u>Motherlode</u>		Core Location: <u>Beardmore</u>		Tests:			
Property: <u>Wilkinson Lake</u>		Commenced: <u>February 4, '88</u>		Core Size: <u>80</u>		Dip <u>Azimuth</u>			
Twp./Prov.: <u>Elmhurst, Ontario</u>		Completed: <u>February 5, '88</u>		Remarks:		<u>@ Collar: 530 0300</u>			
Location: Latitude: <u>1+28 N</u>		Length: <u>123.3m</u>				<u>207' 530</u>			
Departure: <u>0+80 W</u>		Logged By: <u>S. M. Pudifin</u>				<u>407' 540</u>			
Elevation:		Date: <u>March 16, 1988</u>		Claim No: <u>907501</u>					
From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Sample Description
0	8.18	0	Casing -						
8.18	27.70	19.52	Rhyodacite to Dacite - Light grey; aphanitic to aphanitic-porphyrific Generally massive with occasional qtz-calcite veinlets; qtz vein with minor calcite from 20.65-27.67m and 21.16-21.30m; f. gr. dissem. py is ubiquitous (up to 5% locally)	93867A 93868A 93869A 93870A 93871A 93872A	9.57 10.97 12.47 19.50 21.00 21.60	10.97 12.47 13.97 21.00 21.60 22.60	298 261 120 26 44 19		-up to 4% f. gr. py dissem. throughout -2% f; gr. py dissem. throughout as above -1% f. gr. py, calcite vein @ 520 to c.a. -qtz-calcite vein; dissem py 0.3%; along selvages up to 2% -1% f. gr. dissem. py 1 silicified rhyodacite -tr. 0.25% f. gr. dissem. py sheared @ 500 to c.a.; qtz bleb -"wispy" - sheared @ 350 to c.a.; 0.5% f. gr. py -as above; crosscut by qtz vein & lenses of qtz; strong shearing @ 480 to c.a. -white opaque qtz with sericite & minor chl. slips assoc. with dissem. py -intensely sheared, mainly sericite calc with 0.5-1% f. gr. py -whitish grey qtz with py filled fract- & chlorite-sericite slips hosting f. gr. py 1% -well foliated chloritic-sericite & qtz @ 450 to c.a.; contorted qtz at lower contact with tr. v.8.7; 1% v. f. gr. py -crosscut by several calcite veinlets f. gr. py up to 1%
27.70	36.34	8.64	Shear Zone - Chlorite-sericite, qtz-calcite schist; strong- ly foliated; qtz lenses or "eyes" common in intensely sheared zones; qtz veins host chlo- rite-sericite slips; dissem. f. gr. py is associated with chlorite-sericite slips; py is also dissem. throughout interval, in par- ticular where sericite-talc is more abundant; qtz interval also hosts yellowish-looking pyrite (visible gold?) See sample description for foliation and sul- fide content.	93522 93523 93524 93525 93526 93527	27.70 29.40 30.45 30.45 31.95 32.90	29.40 30.45 31.95 32.40 32.90 33.74	12 107 1101 816 1353 4341	1.2 (1.0) (1.0) 2.1 5.1 10.9	
36.34	51.40	15.06	Dacitic Fragmental - Med.-light grey; aphanitic; fragments are subangular up to 4cm x 2 cm; calcite wisps and veinlets common; f. gr. py dissem. throughout	93528	33.74	34.61	13,304 Check 0.709 oz Au	10.9	
51.40	59.05	7.65	Porphyrific Dacite - Med.-grey; aphanitic-porphyrific, feld	93873A	24.95	27.70	401		

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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Sample Description:
59.05	84.90	25.85	Phenocrysts up to 4 x 2mm; cut by several calcite veinlets; minor local brecciation from calcite vein @ 54.40-54.55m; f. g. dissemin. py up to 1% Dacite to Rhyodacite; altered - Med. to light grey, aphanitic; silicified patches (some look rhyolitic); grade into more mafic dacite, subrounded felsic patches give fragmental appearance; negligible mineralization; minor py occur along fracture surfaces; distinct fragment intervals are intercalated within this section.	93539 93530 93531 93874A	34.61 36.34 37.30 54.00	36.34 37.30 38.50 54.75	283 28 15 1220	1.2 (1.0 11.8	-chlorite-sericite-calcite, qtz. -calcite stringers; 0.5% f. gr. py -weakly sheared fragmental; tr. f. gr. py -as above; tr. f. gr. py -abundant calcite veins; altered core; minor bx; 1% f. gr. py -calcite vein causes shearing; dissem. py up to 1% at upper CTC -fractures filled with py and po (5% at interval)
84.90	123.30	38.43	Porphyritic Dacite - Similar to 51.40-59.05m; minor silicified altered patches ie: (92.35-92.55m); qtz-calcite veins commonly host py ie: (100.52m @ 600 to c.a.; 100.92m @ 300 to c.a.; 103.20m @ 100 to c.a.; 108.12-109.36m subparallel to c.a.) 110.85-117.30m: Andesite; chlorite and calcite; f. gr. dark green rock.	93875A 93876A	108.12 114.45	109.36 114.90	74 45		
			123.33 E.O.H.						

87-17 Sludge Samples

<u>No.</u>	<u>Depth(ft.)</u>	<u>Au(ppb)</u>
1.	27-37	13
2.	47	30
3.	57	22
4.	67	30
5.	77	25
6.	87	25
7.	97	19
8.	107	2211
9.	117	6437 (check .199 oz.)
10.	127	3300
11.	137	965
12.	147	222
13.	157	211
14.	167	115
15.	177	117
16.	187	177
17.	197	79
18.	207	146
19.	217	355
20.	227	242
21.	227-237	78
22.	247-257	11
23.	267	45
24.	277	41
25.	287	155
26.	297	150
27.	307	33
28.	317	47
29.	327	218
30.	337	20
31.	337-347	30
32.	357	67
33.	367	34

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-18
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Job: Beardmore N.T.S. Property: Wilkinson Lake Twp./Prov.: Elmhurst, Ontario Location: Latitude: 48° 10' N Departure: 4 80 W Elevation: _____		Drilled By: Motherlode Commenced: February 24, '88 Completed: February 28, '88 Length: 185.06m (607') Logged By: S. M. Pudiffin Date: March 18, 1988		Core Location: Beardmore Core Size: BQ Remarks: _____ Claim No: 907502		Tests: @ Collar: 200' 400' 607'	Dip -50° -51° -52° -51°	Asimuth 150°	
From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description
0	2.12	0	Casing -						
2.12	18.87	16.75	Granodiorite - Phaneritic-porphyratic; med. gr; pinkish-grey with black coarser grained amphiboles; massive with occasional qtz-calcite veins; tr. hematite; qtz-calcite veins @ 10.25m causes granodiorite to be fine grained and med. grey colour; f. gr. dissem. py is also present; tr. hematite and chlorite also occurs with qtz-calcite veins	93877A	9.75	10.90	1.15	245	-qtz-calcite veins w. tr. limonite 0.25-0.5% py cubes
18.87	22.05	3.18	Diabase - F. gr. med-green; massive weakly magnetic; lower & upper contact @90° to c.a.; minor limonite along fracture surfaces; tr. cp, po, py & magnetite	93878A	21.05	22.05	1.00	145	~0.25% f. gr. py, tr magnetite & po
22.05	185.06	163.01	Granodiorite - Similar to 2.12-18.87; minor calcite along fractures; feldspars are saussuritized to a light green colour; qtz veins commonly occur with angular blebs of chlorite, eg: @61.10m 0.5cm wide @ 100 to c.a.; @109.48m, 1.5cm wide, @ 400 to c.a.; @127.70m, 1.5cm wide @ 100 to c.a.; @149.75m, 3cm wide @ 380 to c.a.; -pinkish coloured aplite at following intervals: 67.65-67.72m; 72.60-72.90m; 112.17-112.30m @ 300 to c.a. -interval grades into more mafic phases (and/or mafic xenoliths)	93879A 93880A 93881A 93882A 93883A 93884A 93885A 93886A	25.03 46.75 48.20 127.12 140.12 164.90 175.30 179.40	25.88 47.00 48.65 127.53 141.10 165.93 177.10 179.70	0.85 0.25 0.45 0.41 0.98 1.03 1.80 0.30	248 311 126 125 518 390 191 64	-limonitic fracture; 0.5% v. f. g.r py in f. gr. granodiorite -calcite and py (2%) filled fractures @ 200 to c.a. -limonitic fracture with 0.5% f. gr. py ~1% py dissem. along selvages of qtz & chlorite veins -altered; qtz lenses & calcite filled fractures w. 0.25% py -altered granodiorite cut by qtz + chlorite vein; 0.5% dissem. py -qtz vein subparallel to c.a.; 1% f. gr. py masses along veins -qtz vein with crosscutting py filled vein (1%)

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Hole #: 87-18
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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description
			<p>-f. g. disseem. traces of py common; py also occurs within chloritic fractures; -individual crystals are obliterated from chloritic alterations (grey-looking core) Quartz veins subparallel to c.s. eg: 175.30-177.05m; 179.38m</p> <p>185.06m E.O.H. No sludges</p>						

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87.19
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Job: Beardmore, N.T.S.		Drilled By: Motherlode		Core Location: Beardmore		Treats:		Dip		Azimuth	
Property: Wilkinson Lake		Commenced: February 28, '88		Core Size: BQ		@ Collar:		-450		180°	
Twp./Prov.: Elmhurst, Ontario		Completed: March 2, '88		Remarks:		200'		-450			
Location: Latitude: 2+00 N		Length: 246.04m (80.1')				400'		-460			
Departure: 3+20 W		Logged By: S. M. Pudifin				600'		-460			
Elevation:		Date: March 28, 1988				807'		-460			
Claim No: 907502											
From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description		
0	4.60	0	Casing	117577	12.34	14.33	1.99	368			
4.60	8.55	3.95	Granodiorite - Pinkish grey; med. gr; phaneritic-though crystal faces are obliterated from alteration; chlorite and qtz veins common; tr. f. gr. py	117578	40.00	42.15	0.76	19			
				117579	40.76	42.15	1.39	15			
				117580	42.15	43.63	1.48	13			
				117581	43.63	45.00	1.37	6			
				117582	57.01	58.17	1.16	20			
				117583	58.17	59.66	1.49	5			
				117584	59.66	61.03	1.37	28			
				117585	61.03	62.47	1.44	11			
				117586	62.47	63.90	1.43	8			
				117587	63.90	65.40	1.50	36			
				117588	65.40	66.82	1.42	18			
				117589	66.82	68.36	1.56	211			
				117590	68.36	69.81	1.43	18			
				117591	69.81	72.00	2.19	8			
				117592	75.00	76.35	1.35	26			
				93887A	76.35	77.85	1.50	13			
				117593	77.85	79.95	2.10	7			
				117594	79.95	81.40	1.45	(5)			
				117595	81.40	82.90	1.50	99			
				117596	82.90	84.37	1.47	365			
				117597	84.37	85.82	1.45	75			
				117598	85.82	87.00	1.18	15			
				117599	95.00	96.15	1.15	5			
				117600	96.15	97.50	1.35	14			
				117001	97.50	99.00	1.50	45			
				117002	99.00	100.00	1.00	116			
				117003	105.00	106.23	1.23	37			
				117004	106.23	107.68	1.45	5			
				117005	107.68	109.08	1.40	13			
106.45	111.89	5.44	Dacite Flow - Med. grey aphanitic; generally massive; crosscut by numerous calcite veins and veinlets; tr. dissem. po and minor py								
111.89	112.39	1.50	Dacitic Fragmental - Med. grey; aphanitic with subrounded more mafic fragments in a more felsic matrix; fragment up								

-med.-weak shearing from qtz vein with 0.5% f. gr. py

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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description:
112.39	116.80	4.41	to 3.5 x 2cm Dacite Flow - Similar to 106.45-111.89m	117006 117007 118008 118009 118010 118011 118012 118013 118014 117015 117016 117017 117018 93888A	109.08 110.55 111.89 113.29 114.61 115.79 117.19 118.54 119.75 120.91 122.37 123.78 125.30 126.25 127.05	110.55 111.89 113.29 114.61 115.79 117.19 118.54 119.75 120.91 122.37 123.78 125.30 126.25 127.05	1.47 1.34 1.40 1.32 1.18 1.40 1.35 1.21 1.16 1.46 1.41 1.52 0.95 0.80	(5) (5) (5) 11 37 25 12 8 5 8 5 17 (5) 8	
118.88	122.85	3.97	Dacitic Flow - Minor light grey silicified patches; similar to 106.45-111.89m	117019 117020	127.05 128.06	128.06 129.46	1.01 1.40	(5) 5	-chloritic dacite with blebs of po up to 1%; tr cp.
122.85	124.65	1.80	Dacitic Fragmental -	117021 117022 117023 117024 117025 117026 117027 117028 117029 117030 117031 93889A	129.46 130.95 132.27 133.68 135.14 136.40 137.83 139.33 140.80 142.38 143.82 145.00 155.17	130.95 132.27 133.68 135.14 136.40 137.83 139.33 140.80 142.38 143.82 145.00 156.70	1.49 1.32 1.41 1.46 1.26 1.42 1.50 1.47 1.58 1.44 1.18 1.53	22 13 .30 (5) 5 (5) 138 17 501 32 15 6	
124.65	125.90	1.25	Similar to 111.89-112.39m; grades into massive dacitic flow	117032 117033 117034 117035 117036	175.00 176.65 178.16 179.60 181.11 182.78	176.65 178.16 179.60 181.11 182.78	1.65 1.51 1.44 1.51 1.68	102 (5) 75 6 26	
125.90	130.65	4.75	Altered Granodioritic Phase - Dark to light grey; quartzose with chloritized mafics (up to 30%); tr. f. gr. py						
130.65	133.75	3.10	Dacite Fragmental - Similar to 111.89-112.39m; but less fragments						
133.75	193.25	59.50	Dacite Flow - Chloritic; lower contact is silicified from granodiorite phases Quartz Diorite - f. gr. grey; siliceous with 10-15% amphibole; tr. f. gr. py Dacitic inclusions: 142.85-143.75m (chloritic calcite veinlets, qtz at upper contact); 151.22-151.30m (calcite-filled vesicles); 153.08-158.16m (subrounded inclusion); 160.30-160.35m Quartz-calcite vein with chloritic lenses; 155.17-156.70m; local brecciation subparallel to c.a.; tr. dissem. py Lower contact zone is silicified and hosts dacite inclusion (190.45-191.85m)						

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Hole #: 87-19
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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description
193.25	238.50	45.25	Dacite to Andesite - Similar to 130.65-133.75m; crosscut by numerous calcite wisps & veinlets; occasional narrow intervals of lapilli; tuff; tr. f. gr. py	117037 117038 117039 93890A	182.79 184.29 185.72 186.81	184.29 185.72 186.81 188.11	1.50 1.43 1.09 1.30	6 (5) (5) 32	-altered granodiorite; fract. filled with dissem. po & py (0.5%)
238.50	246.04	7.54	Granodiorite - Similar to 12.34-106.45m; occasional fine fractures filled with dissem. py 246.04 E.O.H.	117040 117041 117042 93891A 117043 93892A 117044 117045 117046 117047 117048 117049 117050 117051 117502 117503 117504 93893A 117505 93894A	188.11 190.05 191.46 191.46 192.15 193.25 193.25 194.28 196.90 197.20 215.00 216.84 216.84 218.61 218.61 220.10 221.56 221.56 223.00 223.00 224.44 224.44 225.87 225.87 227.36 228.86 228.86 230.00 239.00 240.66 240.66 241.16 242.00 244.05 244.35	190.05 191.46 192.15 193.25 194.28 197.20 216.84 218.61 220.10 221.56 223.00 224.44 225.87 227.36 228.86 230.00 240.66 241.16 242.00 244.35	1.94 1.41 0.69 1.10 1.03 0.30 1.84 1.77 1.49 1.46 1.44 1.44 1.43 1.49 1.50 1.14 1.66 0.50 0.84 0.30	(5) 98 (5) 7 (5) 27 (5) (5) (5) (5) (5) (5) (5) (5) (5) (5) (5) (5) (5) (5) (5) (5) 42	-silicified granodiorite; tr. diss. py -qtz.-calcite vein w. tr py, po -qtz vein with dissem. py within -chlorite & dissem. py filled fract.

87-19 Sludge Samples

<u>No.</u>	<u>Depth (ft.)</u>	<u>Au(ppb)</u>	<u>No.</u>	<u>Depth (ft.)</u>	<u>Au(ppb)</u>
1.	0-37	43	40.	427	448
2.	-47	164	41.	-437	81
3.	-57	21	42.	447-457	657
4.	-67	19	43.	467	171
5.	-77	64	44.	-477	272
6.	-87	73	45.	-487	78
7.	-97	77	46.	-997	66(au)
8.	-107	62	47.	-507	38
9.	-117	16	48.	-517	41
10.	-127	46(au)	49.	-527	33
11.	-137	82	50.	-537	49
12.	137-147	108	51.	-547	49
13.	-157	71	52.	-557	74
14.	-167	85	53.	-567	84
15.	-177	91	54.	-577	53
16.	-187	25	55.	577-587	86(au)
17.	187-197	165	56.	-597	135
18.	-207	208	57.	-607	83
19.	-217	67(au)	58.	-617	108
20.	-227	207	59.	-627	269
21.	-237	420	60.	-637	108
22.	-247	63	61.	-697	34
23.	247-257	140	62.	-657	66
24.	256-267	2555	63.	-667	82
25.	-277	2589	64.	-677	81(au)
26.	-287	95	65.	677-687	43
27.	-297	71	66.	-697	59
28.	-307	53	67.	-707	57
29.	-317	33	68.	707-717	243
30.	-327	89	69.	-727	369
31.	327-337	188	70.	-737	205
32.	-347	69	71.	-747	427
33.	347-357	317	72.	-757	116
34.	-367	82	73.	-767	50(au)
35.	-377	94	74.	-777	69
36.	377-387	242	75.	-787	41
37.	-397	80(au)	76.	787-797	387
38.	347-407	680	77.	-807	66(au)
39	-417	113			

MIRON ELMHIRST PROPERTY

1. DRILL HOLE LOCATION MAP
2. DRILL SECTIONS OF HOLES 88-01 TO 88-04
3. DRILL LOGS OF HOLES 88-01 TO 88-04

GOLDTECK MINES LIMITED

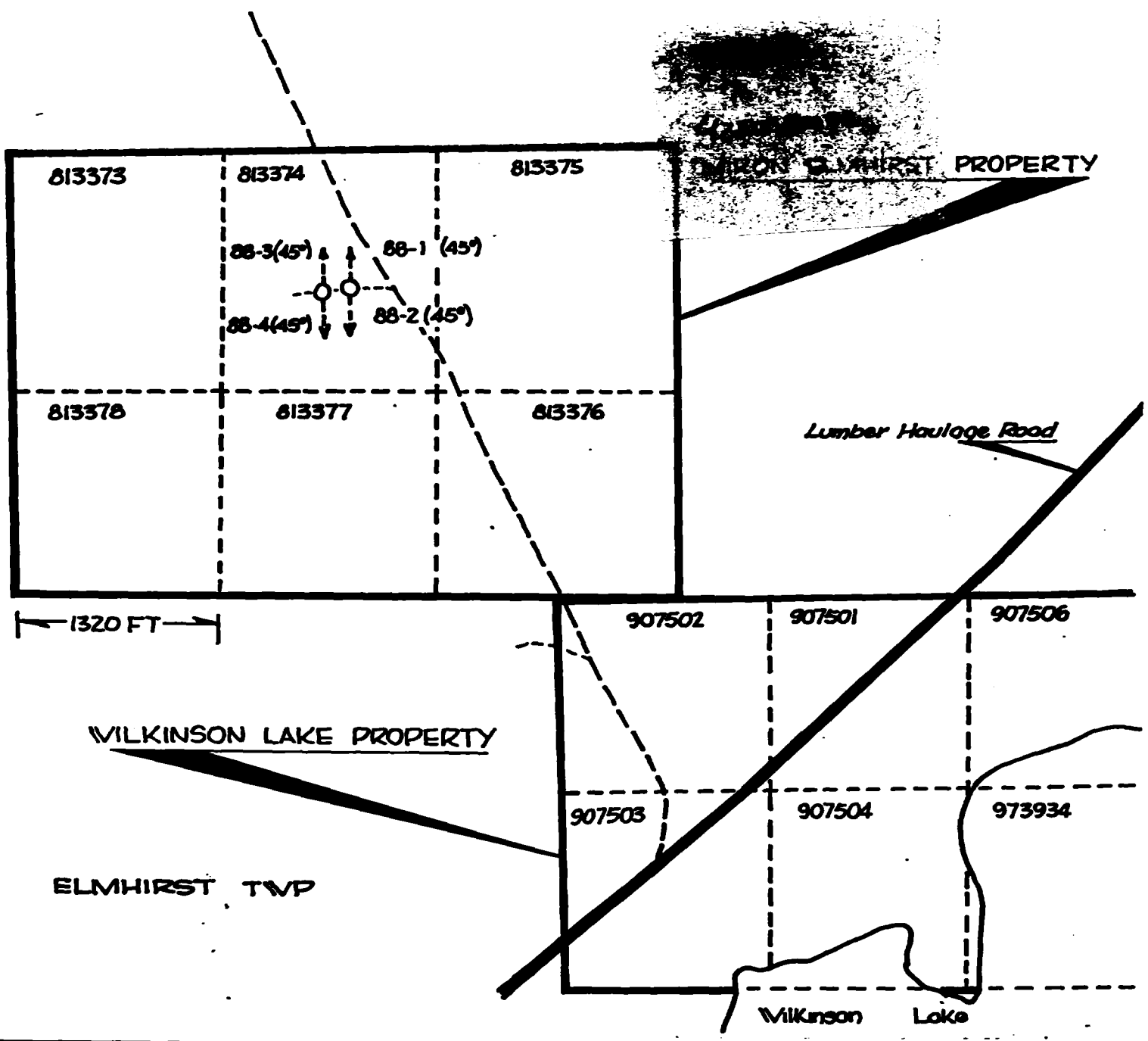
MIRON ELMHIRST PROPERTY

DIAMOND DRILLING

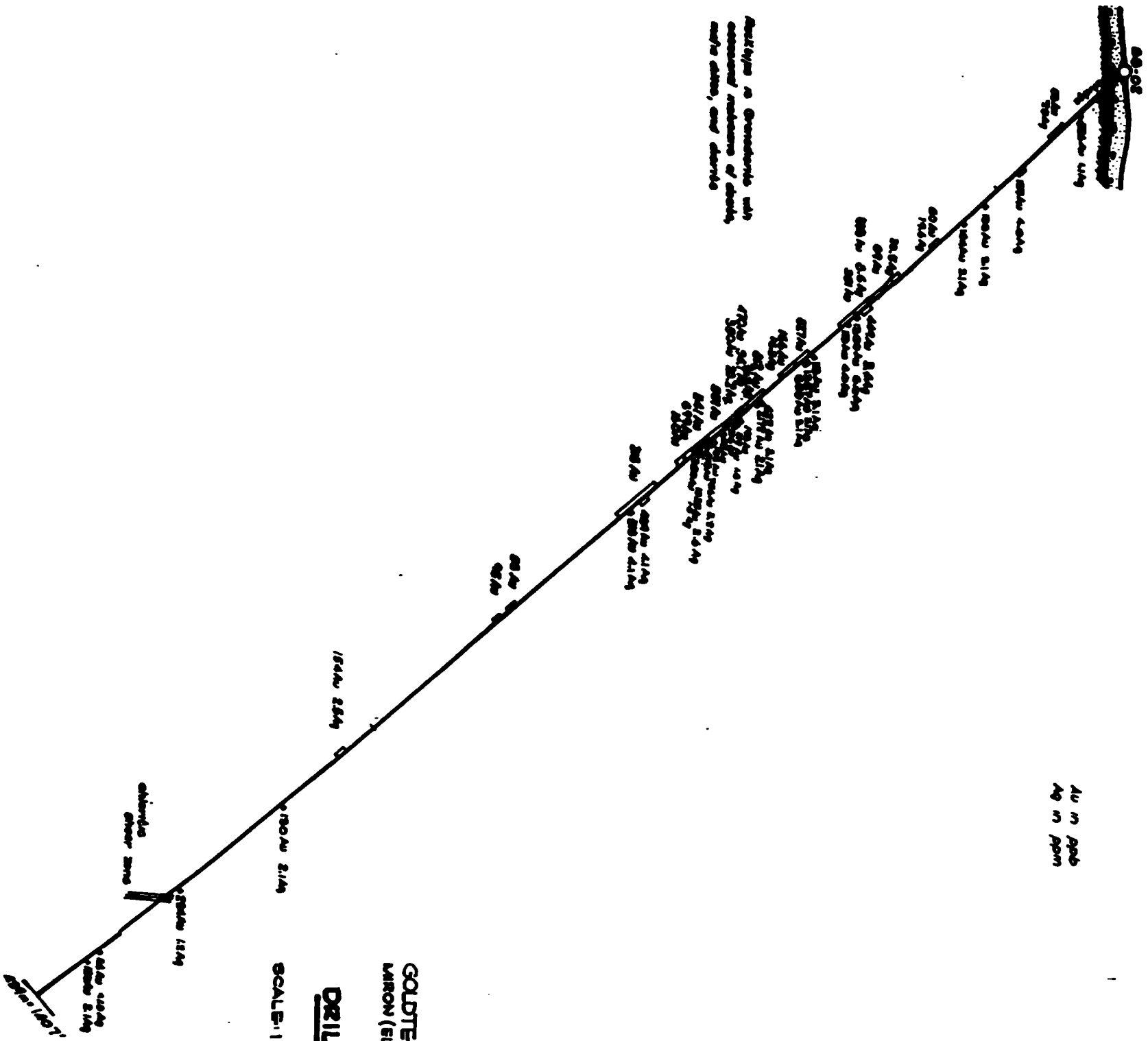
Scale ~ 1:11,000

MAY 1968

1:11,000



SOUTH



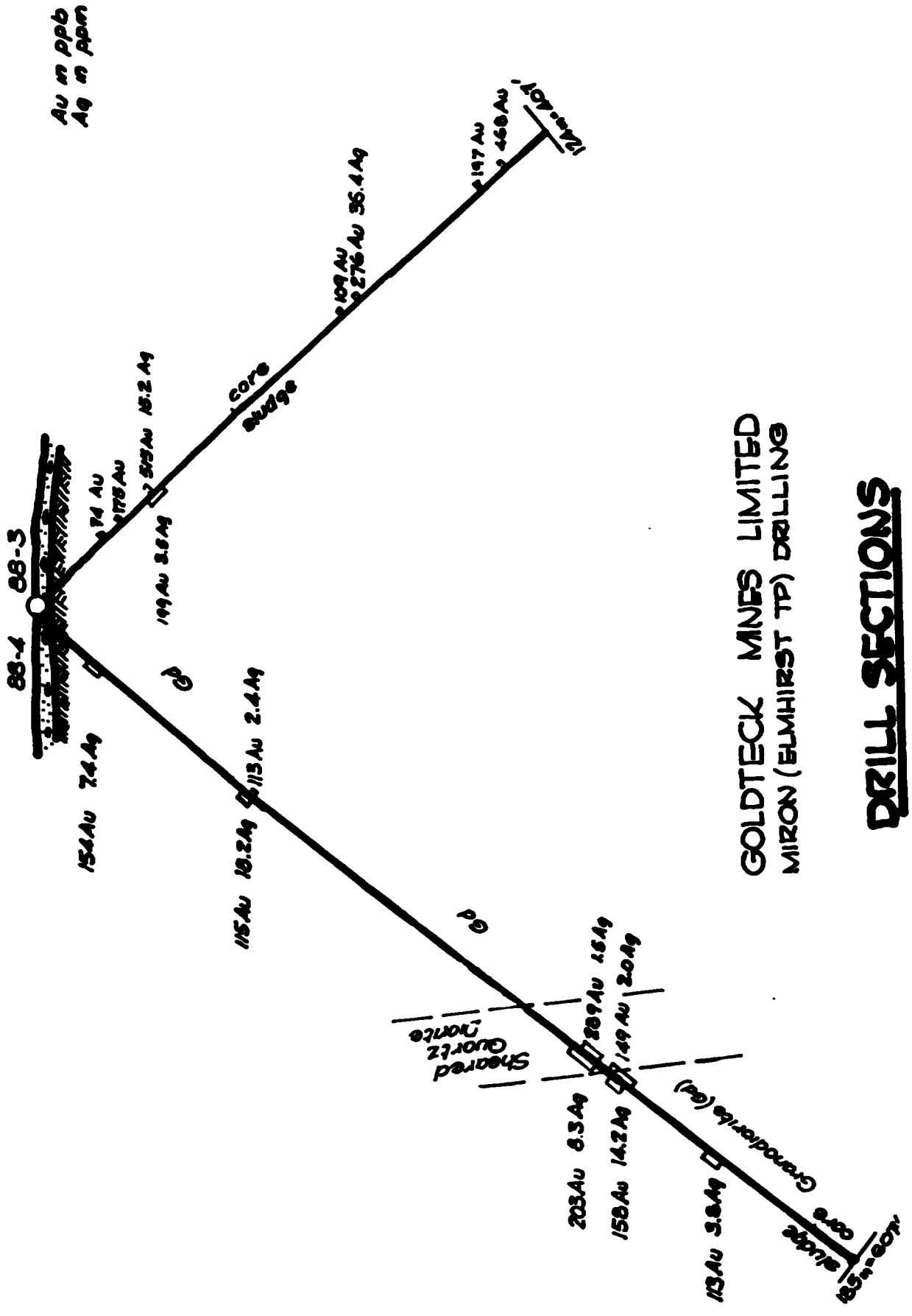
GOLDTECK MINES LIMITED
MARION (ELMHURST TP) DRILLING

DRILL SECTIONS

SCALE: 1:1575 FEB. 99



SECTION LOOKING WEST



GOLDTECK MINES LIMITED
MIRON (ELMHIRST TP) DRILLING

DRILL SECTIONS

SCALE: 1:1000 FEB. '88

M.A.M.

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 88-01
Page No: 1 of 6

From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Sample Description
0	2.10	2.10	Casing	68786	3.30	3.30	44.	(1.0)	- limonitic fractures with approx. 0.25% diss. py
2.10	63.50	61.40	Granodiorite - Pinkish grey with green tinge; med. to c. gr.; sometimes porphyritic; generally massive; minor calcite veinlets; 60% feldspar - 3mm x 2mm; pink to green often saussuritized. 25-30% Qtz - clear grey, glassy. 10-12% black mafics (amphibole) generally chloritized; anhedral crystals tr-0.25% f. gr. magnetite (ubiquitous) and associated with mafics up to 0.5% f.-med. gr. disse. py, often associated with chloritic fractures.	68787	5.43	5.85	20	(1.0)	- limonitic; py controlled by frac. (0.75%)
				68788	11.40	12.03	157	7.0	~ 0.25% euhedral py within chloritic fractures
				68789	12.03	12.38	112	6.2	- 10cm wide Qtz vein with py up to 4% @ selvages
				68790	12.38	13.88	9	(1.0)	~ 0.25% disse. f. gr. py in granodiorite
				68791	16.75	17.18	33	(1.0)	- Qtz-carbonate vein @ 200 to c.a.; diss. py (1.5%)
				68792	17.81	18.07	19	(1.0)	- diss. py along chlorite fractures
				68793	19.48	20.10	17	(1.0)	- Qtz vein; potassic alteration; diss py (0.25%)
				68794	23.30	23.90	20	(1.0)	- thin Qtz. calcite veinlet @ 400 to c.a. with diss. py
				68795	27.65	28.32	50	6.2	- py to 0.25% associated with chloritic fracture
				68796	29.31	29.73	25	5.2	- chlorite & py filled fractures with py throughout. (0.5%)
				68797	35.20	36.18	50	(1.0)	- apfite; Qtz-calcite veins & fine py with chlorite
				68798	41.50	42.65	26	(1.0)	~ 0.25% py diss. throughout & adj. to chloritic fracture
				68799	43.93	44.70	13	(1.0)	~ 0.1% py with chloritic fracturing and potassic alteration.

Drilled By: Motherlode
Commenced: January 16, '88
Completed: January 24, '88
Length: 1107' 335.5m
Logged By: S. M. Pudifin
Date: January 31, '88

Job: 482-13 N.T.S.
Property: Miron
Twp./Prov.: Elmhurst, Ontario
Location: Latitude: 200' U of
Departure: fork
Elevation:

Core Location: Beardmore
Core Size: BQ
Remarks:
Claim No: 813374

Tests:
@ Collar: 450 Azimuth 3600
-450
-450
-420
-430

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 88-01
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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Sample Description:
			Apilite dykes: v. f. gr. sugary texture; pinkish colour; massive @: 14.14-14.18m: contacts @ 700 to c.a. 34.00-34.02m: thin, vein @ 150 to c.a. xenoliths of granodiorite in apilite from 34.12-35.20m. 35.20-36.19m: upper CTC @ 300 to c.a.; lower contact @ 350 to c.a. @ a qtz vein (massive blebs & diss. py assoc. with chloritic fractures). 54.65-55.05m: subparallel to c.a. potassic alterations 55.30-55.60m: xenolith, uneven sharp CTC @ approx. 200 to c.a.	68800 68801 68802 68803 68804 68805 68806 68807 68808 68809	48.40 48.95 49.45 52.61 54.55 70.03 73.45 74.75 75.27 76.30	48.95 49.45 50.60 53.36 55.05 70.53 73.65 75.27 75.83 76.60	195 59 30 26 15 101 20 85 27 7	13.3 (1.0) 7.6 (1.0) (1.0) (1.0) (1.0) (1.0) (1.0) (1.0) (1.0)	-qtz vein with massive and diss. py associated with chlorite (5%) -lower contact, diss py up to 0.75% -fine diss. py in granodiorite associated with chlorite (0.5% py) -massive py veinlet; chlorite & qtz veinlet adj. @ 220 to c.a. -apilite-m. gr. diss py up to 0.75% -tr py associated with chlorite blebs -m. gr. py to 0.25% @ C.T.C. with granodiorite in mafic lens. -qtz vein, chloritic fractures; diss. med. gr. py -diss f. -med. gr. py in gr. nodiorite -qtz vein with <0.25 diss py in granodiorite -qtz vein with chlorite blebs; f. gr.
63.50	66.20	2.70	Quartz Diorite - grayish green; 40-50% grey qtz; up to 40% feldspar - generally altered (sericitized); 15% mafic - chl.; tr epidote; chlorite commonly lines fracture surfaces; contacts are gradational with granodiorite; tr. to 0.25% f. -med. gr. py generally associated with chlorite; massive	68810 68811 68812 68813	77.39 78.60 81.65 83.90	77.80 79.50 81.95 85.20	57 9 12 9	(1.0) (1.0) (1.0) (1.0)	-chlorite-hem-calcite veinlets @ 120 to c.a.; diss py (0.25%) -thin siliceous py rich veinlet @ 850 to c.a. (1% py) -tr v. f. gr. py w cp?? along chl. fractures -along chloritic fractures & within altered mafic -as above -f. gr. diss. py in qtz and/or chl. fractures -f. gr. diss py associated with chlorite - more mafic
66.20	136.60	70.40	Granodiorite - Similar to 2.10-63.50m with strongly porphyritic section esp @ 78.55-83.40m and 93.0-95.60m Apilite intervals @: 67.30-67.35m; 79.65-79.85m/CTC @ 500 to c.a.; 99.70-101.25m Quartz Vein @ (alteration associated with qtz veins is magnetite-chl.; # potassic alteration; sericite and calcite) 70.33-70.41m (200 to c.a.); 74.90-75.05m (subparallel to c.a.); 76.30-76.32m; (@ 300	68814 68815 68816 68817	85.20 88.13 91.45 95.52	86.05 89.33 92.20 95.75	10 5 11 13	(1.0) (1.0) (1.0) (1.0)	

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Sample Description:
			to c.a.); 77.60-77.62m (@ 40° to c.a. with chlorite blebs in qtz; contact areas X-cut by thin fractures associated with py); 101.95-101.47m: 2cm wide @ 10° to c.a.	68818	99.70	100.95	73	(1.0)	-aplitic; f-med. gr. py diss. throughout
			Amphibolite Dyke - 73.48-73.62m; f. gr. black amphiboles with qtz and cal.	68819	100.95	101.47	8	(1.0)	-aplitic with qtz vein (1-2cm wide) @ 100 to c.a.
			Fracturing: 81.65-81.95m: silicified thin fractures @ approx. 80° to c.a. with f. gr. py diss. to 1%; 84.35-84.60m; subpar. to c.a.; 85.15-90.00m; chloritic along fractures (main fract. are subparallel to c.a.); Amphibolite Dyke - 110.45-110.87m chloritized f. gr. amphibole with qtz & minor calcite; f.-c. gr. diss. py approx. 0.25%; sheared @ 60° to c.a.	68820	102.37	102.85	15	(1.0)	-diss. py with chloritic mafic minerals in the fractures
			Mafic Dyke - 132.40-132.44m: f. gr. chlorite with qtz & calcite @ 85° to c.a.	68821	105.36	106.82	22	(1.0)	-diss. py to 0.25% in fractures
			Amphibolite Dyke - 116.70-117.55	68822	110.09	110.45	19	(1.0)	-altered granodiorite with diss. f. gr. py in fracture
			Amphibolite Dyke - 110.45-110.87m chloritized f. gr. amphibole with qtz & minor calcite; f.-c. gr. diss. py approx. 0.25%; sheared @ 60° to c.a.	68823	110.45	110.87	11	(1.0)	-sheared mafic volcanic with py cubes
			Amphibolite Dyke - 110.45-110.87m chloritized f. gr. amphibole with qtz & minor calcite; f.-c. gr. diss. py approx. 0.25%; sheared @ 60° to c.a.	68824	110.87	111.20	12	(1.0)	-silicified (altered) granodiorite with 0.5% py
			Amphibolite Dyke - 116.70-117.55	68825	116.70	117.55	67	(1.0)	-weakly sheared @ approx. 40° to c.a.; chl. magnetite sericite
			Amphibolite Dyke - 110.45-110.87m chloritized f. gr. amphibole with qtz & minor calcite; f.-c. gr. diss. py approx. 0.25%; sheared @ 60° to c.a.	68826	117.55	118.20	48	(1.0)	-silicified; hematite stain with magnetite vuggy; massive py assoc. with qtz
			Amphibolite Dyke - 118.90-119.17	68827	118.90	119.17	50	(1.0)	-qtz vein 1cm wide; f.-m. gr. py along sedge @ 30° to c.a.
			Amphibolite Dyke - 120.30-121.55	68828	120.30	121.55	20	(1.0)	-diss. f.-m. gr. py along thin fract.
			Amphibolite Dyke - 121.55-122.55	68829	121.55	122.55	25	(1.0)	-chl. qtz carbonate veins @ 100 to c.a. diss. py & magnetite
			Amphibolite Dyke - 123.40-124.20	68830	123.40	124.20	33	(1.0)	-chl. calcite fractures @ 100 to c.a.; 0.25% diss. py along fractures
			Amphibolite Dyke - 124.35-126.40	68831	124.35	126.40	72	(1.0)	-0.5% altered sericite/chl. fractures, silicified @ 10-85° to c.a.
			Amphibolite Dyke - 127.05-127.55	68832	127.05	127.55	10	(1.0)	-chl. sericite slips with approx. 25% diss. py.
			Amphibolite Dyke - 128.25-128.25	68833	128.25	128.25	42	(1.0)	-qtz calcite vein @ 30° to c.a.; sericite and qtz
			Amphibolite Dyke - 130.20-131.15	68834	130.20	131.15	24	(1.0)	-silicified * sericite with 1% py associated with carbonate fract.
			Amphibolite Dyke - 134.65-135.50	68835	134.65	135.50	18	(1.0)	-hematite stain-pot. alteration; silicified with chl. & diss. py
			Amphibolite Dyke - 137.70-138.50	68836	137.70	138.50	9	(1.0)	-tr f. gr. py along fracture

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 88-01
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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Sample Description:
156.35	157.85	1.50	(finely diss. to massive py) Aplite - m. gr. Felsite -pinkish with dark green chlorite lenses and fracture filled @ approx. 200 to c.a.; generally massive with negligible mineralization (mainly feldspar and quartz)	68837 68838 68839	138.08 141.00 144.88	139.70 141.32 146.14	19 14 12	(1.0) (1.0) (1.0)	-0.25% f. m. gr. py Qtz veins; hematite stain -chl. fractures + sericite approx. tr. 0.25% py -chl. sericite fractures @ approx. 400 to c.a. associated with approx. 0.5% py -hematite stain with minor sil. & diss. py approx. 1% -strongly silicified with sericite and Qtz vein par'l py vein approx. 20% py adj. vein -moderately silicified with diss. py approx. 1% along Qtz & fractures -f. gr. py diss. throughout altered granodiorite; thin veinlets. -chl. fractures randomly oriented; with up to 1% py; Qtz veins. -sericitized with fine chl. fract. and approx. 1% diss. py -f. gr. calcite rich; py blebs comprise approx. 3-4% of section. -approx 0.5% f.-m. gr. py along Qtz vein @ 200 to c.a. - as above
157.85	239.60	81.75	Granodiorite - -mainly porphyritic; m.-c. gr.; feld. are often saussuritized with pinkish-red staining -f. gr. diss. py up to 0.25% occurs along chloritic fractures and within mafic minerals -fine grained section from 162.80-163.28m @ 300 to c.a. -granodiorite becomes less porphyritic and more altered below 166.5m 168.50-168.65m; chl. sericite breccia; fragments of Qtz-feldspar are subangular & contorted; foliated @ approx. 600 to c.a.; granodiorite is altered with saussurization, sericite and chloritization of mafic minerals on either side of mafic inclusion. From: 193.75-200.00m; bands of pinkish f.-m. gr. Qtz & feldspar approx. up to 8cm wide @ 35-400 to c.a. 200.00-223.00m; downwards is more mafic with negligible pink potassic alteration (approaching Diorite); abundant chlorite, + biotite and magnetite. 223.00-235.30m; more porphyritic Granodiorite with intervals of pink potassic alteration; up to 0.5% diss. py with calcite and tr specks of purple soft mineral, mafic inclusion with 5% f. gr. py @ 239.90m.	68840 68841 68842 68843 68844 68845 68846 68847 68848 68849 68850 68851 68852	148.23 148/83 149.18 149.18 169.45 171.65 175.10 176.32 177.90 179.30 179.30 184.65 185.30 185.90 187.00 188.64 190.14 197.90 199.10 200.63 200.97 206.72 208.10	148.83 149.18 149.60 171.65 176.32 179.30 185.30 187.00 190.14 199.10 200.97 208.10	10 45 17 16 140 32 67 17 26 38 15 9 32	(1.0) (1.0) (1.0) (1.0) 2.2 (1.0) (1.0) (1.0) (1.0) 3.2 1.2 (1.0) (1.0) (1.0)	-hematite stain with minor sil. & diss. py approx. 1% -strongly silicified with sericite and Qtz vein par'l py vein approx. 20% py adj. vein -moderately silicified with diss. py approx. 1% along Qtz & fractures -f. gr. py diss. throughout altered granodiorite; thin veinlets. -chl. fractures randomly oriented; with up to 1% py; Qtz veins. -sericitized with fine chl. fract. and approx. 1% diss. py -f. gr. calcite rich; py blebs comprise approx. 3-4% of section. -approx 0.5% f.-m. gr. py along Qtz vein @ 200 to c.a. - as above -as above; chl. fractures @ 300 to c.a. massive py veinlets. -approx. 0.5-0.25% py; Qtz and chl. veins - fract. @ approx. 40-700 to c.a. -bleb of cp within Qtz vein with tr f. gr. py in granod. -silicified with carbonate alter. & mt & approx. 0.7% py in veinlets & diss.

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 88-01
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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Sample Description:
239.60	240.13	0.53	Mafic Dyke - Dark green f.-m. gr. mainly chlorite with calcite (could have been diabase dyke); upper contact @ 600 to c.a. is mineralized with approx. 5% f. gr. diss py; weakly defined foliation @ 35-400 to c.a.	68853	220.67	221.89	18	(1.0)	-2 zones of silification assoc. with Qtz vein and approx. 0.5% py; chl. blebs
240.13	240.43	0.30	Altered Granodiorite - Med. gr.; light gray; f. gr. diss. py to 0.25%; lower contact @ 600 to c.a.	68854	231.30	232.40	8	(1.0)	-potassic alteration with calcite; chl. filled fract. & Qtz veinlets
240.43	248.50	8.07	Feldspar Porphyry - Dark green f. gr. groundmass; chloritized; with c. gr. euhedral to subhedral feldspar phenocrysts (green col. from saussuritization) generally massive; f. gr. cubic py up to 0.25% occurs in association with calcite veinlets; a few narrow inclusion of granodiorite; negligible cp and py along fractures.	68855	233.66	234.64	9	(1.0)	-Qtz vein (1cm) @ 100 to c.a.; 0.25% f. gr. py
248.50	252.04	3.54	Mafic Dyke (Altered Diabase) - Dark green to black; fine grained; feldspar laths surround mafics; minor carbonate.	68856	234.87	235.50	13	(1.0)	-altered with calcite Qtz and chl. filled fractures @ 100 to c.a.
252.04	335.50	83.46	Feldspar Porphyry inclusion from 250.00-251.20m tr. f. gr. py - f. gr. diss. traces of py in diabase	68857	239.40	239.80	48	1.2	-contact zone between mafic dykes and altered granodiorite .5% py
				68858	239.80	240.10	14	(1.0)	-altered granodiorite with 0.25% py
				68859	240.43	241.18	14	1.2	-f. gr. diss. py associated with thin calcite veinlet
				68860	247.03	248.50	19	3.9	-tr cp. diss along fractures; 0.25% - tr py
				68861	248.50	249.50	22	2.0	-f. gr. diss. py in f. gr. diabase
				68862	252.85	253.57	20	(1.0)	-altered porphyry from diabase below approx. 0.3% py
				68863	266.15	268.30	8	2.0	-f. gr. diabase with approx. 0.24% py
				68864	275.24	275.75	15	(1.0)	-chl. carbonate with 0.25% py
				68865	280.00	280.33	69	4.9	-as above
				68866	285.14	285.54	47	2.8	-as above
				68867	291.53	291.76	13	4.9	-Qtz veinlets @ 500 to c.a. with approx 0.5% po; 0.5% py along vein
				68868	301.37	304.02	52	2.0	-clots of py with tr cp in altered feldspar porphyry; chloritic
				68869	311.90	312.60	12	1.9	-altered porphyry with Qtz vein @ 900 to c.a. & assoc. with po (0.5%)
				68870	312.60	314.10	19	2.0	-sheared porphyry with tr cp, approx. 0.25% po; 0.5% py
				68871	314.71	315.00	14	(1.0)	-sheared dacite with wisps of calcite; tr py.

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DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 88-01
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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Sample Description:
			<p>Dacitic Intervals - Non porphyritic med. grey-green; hard; generally massive with gradational contacts into feld-porphyry at following depths: 269.30-271.5m; 280.00-280.33m; 285.14-285.54m; 292.75-298.40m (chl. biotite clots frequently crosscut by qtz veinlets @ 50-600 to c.a.); 314.12m-317.61m (weakly sheared upper contact @ approx. 420 to c.a.); 318;85-321.90m (biotite-chl. clots); 326.51-327.40m</p> <p>Dacitic Intervals - 332.38-333.87m Altered feldspar porphyry in lower 60m Slightly sheared @ approx. 850 to c.a. from 311.90-314.12m; with approx. tr. cp associated with minor po and py disseminated throughout.</p> <p style="text-align: center;">335.5 E.O.H.</p>						

88-01 Sludge Samples

<u>No.</u>	<u>Distance (ft.)</u>	<u>Au(ppb)</u>	<u>Ag(ppm)</u>
1.	7' - 17'	23	3.2
2.	27	12	6.2
3.	37	20	20.8
4.	47	28	19.4
5.	57	14	11.8
6.	67	39	10.3
7.	77	30	4.6
8.	87	28	20.8
9.	97	28	20.5
10.	107	42(au)	9.5
11.	117	73	20.5
12.	127	19	21.2
13.	137	22	18.9
14.	147	27	10.9
15.	157	(5	19.7
16.	167	139	20.1
17.	177	57	13.9
18.	187	43	19.4
19.	197	53(au)	4.9
20.	207	24	7.7
21.	217	13	8.4
22.	227	17	9.1
23.	237	18	8.9
24.	247	26	16.1
25.	257	39	10.2
26.	267	89	9.8
27.	277	27	14.6
28.	287	24	19.3
29.	297	16	18.5
30.	-307'	12	1.5
30.	317	16(au)	1.5
31.	327	39	3.6
32.	337	34	2.1
33.	347	13	.8
34.	357	62	.7
35.	367	23	1.1
36.	377	34	.9
37.	387	99	.7
38.	397	48	1.4
40.	407	46	1.3
41.	417	29	.9
42.	437	44	.8
43.	447	30	1.5
44.	457	33	1.3
45.	467	35	2.0
46.	477	6	1.7
47.	487	18	1.3
48.	497	18	1.9
49.	507	(5	4.2
50.	517	30	12.7

88-01 Sludge Samples contn'd.

<u>No.</u>	<u>Distance (ft.)</u>	<u>Au(ppb)</u>	<u>Ag(ppm)</u>
51.	527	22	15.5
52.	537	11	13.7
53.	547	(5	26.9
54.	557	(5	7.6
55.	567	14	7.9
56.	577	29	5.4
57.	587	25	5.3
58.	597	75	3.9
59.	607	12	3.6
60.	607-617	51	5.8
61.	617- 627	49	10.4
62.		46 ^c	7.9
63.		35	10.0
64.		33	7.8
65.			3.8
66.		50	12.4
67.		41	3.8
68.		49	(1
69.		61	5.9
70.	697-707	39	34.6
71.		40	17.0
72.		6	5.7
73.		14	6.0
74.		25	5.8
75.		17	12.4
76.		18	10.2
77.		31	10.2
78.		13	7.9
79.		(5	(1.0
80.	797-807	15	10.0
81.			(1.0
82.	827		(1.0
83.	837	11	5.8
84.			(1.0
85.			3.6
86.	877	19	(1.0
87.	887	21	5.9
88.	897	33	3.8
89.	907	28	3.8
90.	907-917	29	1.2
91.	917-927	30	1.2
92.	937	22	(1.0
93.	947	17	(1.0
94.	957	51	(1.0
95.	967	69	2.2
96.	977	34	(1.0
97.	987	54	(1.0
98.	997	31	2.2
99.	1007	24	2.2

88-01 Sludge Samples cont'd.

<u>No.</u>	<u>Distance (ft.)</u>	<u>Au(ppb)</u>	<u>Au(ppm)</u>
100.	917-1017	26	5.1
101.	1027	39	3.2
102.	1037	47	(1.0
103.	1047	46	3.2
104.	1057	35	(1.0
105.	1067	46	2.2
106.	1077	33	1.2
107.	1087	39	2.2
108.	1097	33	4.1
109.	1097-1107	33	4.1
110.	1107-1117	12	5.1

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 88-02
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Job: 482-13 N.T.S. Property: Hiron Twp./Prov.: Elm Hirst, Ontario Location: Latitude: 200' W of Departure: fork Elevation:		Drilled By: Motherlode Commenced: January 14, '88 Completed: January 31, '88 Length: 428.96m (1407') Logged By: S. M. Pudiffin Date: Feb. 7 -15, '88		Core Location: Beardmore Core Size: BQ Remarks: Claim No: 813374		Tests: @ Collar: Dip Azimuth 307' -45° 180° 706' -48° 907' -50° 1207' -50.3° 1407' -52°			
From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Sample Description
0	2.10	2.10	Casing	68962	4.35	4.80	18	2.1	-chl. & silification
2.10	52.00	49.90	Granodiorite - phaneritic-porphyritic -pinkish grey; med. -c. gr.; generally massive approx. 30% pinkish feldspar - potassic al- teration; approx. 40% greenish feldspar-sus- suritized; 15-20% grey qtz-interstitial; 8-10% black amphibole (hornblende) + chl; subhedral; commonly associated with magneti- te; Saicitic alteration is common -occasional subrounded mafic (diioritic?) xe- noliths present -limonitic staining in certain intervals -some intervals are altered and crystals are obliterated by fracturing or qtz veining, such as from 26.30-29.35m -chl. filled fractures with associated py com- mon; gen. randomly oriented such as from 33.85 to 35.12m Sulphides are generally f. gr. py disse. throughout interval in trace amounts or assoc. with qtz throughout chl. filled fractures.	68963 68964 68965 68966 68967 68968 68969 68970 68971 68972 68973 68974 68975 68976 68977	8.35 13.42 13.80 14.20 19.10 23.47 26.30 26.84 27.07 27.44 28.09 28.09 28.95 33.55 34.40 38.37 39.14 42.64	8.55 13.80 14.20 19.40 24.87 26.84 27.07 28.09 28.49 29.35 34.40 35.12 38.72 39.64 43.44	104 30 14 526 49 35 31 27 51 98 15 73 8 21 145	3.1 4.1 3.1 1.1 3.0 3.1 1.1 3.1 2.0 3.1 4.1 2.1 2.1 2.1 5.9	-200 c.a.; qtz vein; limonitic, 0.25% py -py up to 1% disse. in thin qtz- calcite veinlet @ 200 to c.a. -qtz vein from 13.50-13.80m @ 150 to c.a. & f. gr. py approx. 2% along surface -finely diss. py & limonite in Gd. 14.16 = qtz vein -thin whitish-grey qtz veins @ approx. 400 to c.a.; 0.5% diss py -thin chl. filled fractures subparallel to c.a. with diss. py approx. 0.25% -550 to c.a. thin qtz veins with diss py -30° to c.a. 1cm wide qtz vein with diss. py -qtz veinlets with chl. filled fractures and py -qtz vein causing local wallrock brecciation -qtz veining @ approx. 400 to c.a. diss. magnetite & py -chl. fract. with approx. 1% f. gr. py -peppered with py & chl. fract. -calcite-chl. fract. @ 200 to c.a. -as above

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 88-02
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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Sample Description:
52.80	70.43	17.63	Granodiorite - similar to 2.10-52.00m. 52.86-54.05m; mafic dark grey-black v. f. gr. dyke (obliterated fragments). -minor epidote adjacent to feldspar crystals. More mafic diorite phase @ 61.15-61.35m	68978 68979 68980 68981	45.25 57.28 58.45 63.23	45.65 57.81 59.20 63.70	129 81 130 40	2.1 2.1 2.1 2.1	-red stain silicified with qtz calcite fracture with py -qtz vein & chl. fractures @ approx. 300 to c.a. with py -qtz vein with chl. at lower selv. @ approx. 200 to c.a.; py -silicified f. gr. with diss. 0.7% py -chl. & calcite filled fractures with approx. 1% py -altered calcite & darker flow banding ? $\frac{1}{2}$ py -chl. dyke with calcite; 0.5% py @ 672 -contact between dyke & altered Gd; qtz; py
70.43	70.91	0.48	Dacite (Feldspar Porphyry) - -weakly porphyritic; similar to 52.00-52.80m; upper & lower contacts are sharp @ 700 to c.a.	68982 68983	67.51 78.60	68.40 79.40	164 75	2.1 2.1	
70.91	87.00	16.09	Granodiorite - -phaneritic-porphyrific similar to 2.10-52.00m -dark reddish-pink aplitic dykes at following intervals: 1e: 80.12-80.20m @ approx. 450 to c.a. -darker more mafic flow banding present -non-porphyritic altered intervals are generally richer in qtz and/or calcite or chlorite; py is often more abundant dis. through-out core and in fractures.	68984 68985	87.82 88.57	88.57 89.62	34 14	4.0 4.1	
87.00	87.35	0.35	Altered Granodiorite - pinkish grey; med c. gr. isohedral horn blends almost completely altered to chl; fractures with f. g. py common	68986 68987	91.15 98.65	91.55 99.35	64 79	3.2 3.2	-altered gd with thin chl. fractures & py -fract. limonite & chl. parallel to c.a. with tr py -qtz lenses & chl. fract. with py -chl. rock with qtz calcite stringers & qtz lenses -as above; less qtz -lower gd contact up to 3% py
87.35	87.52	0.17	Mafic Dyke - v. fr. gr.; - sphanitic; dark green; calcite @ upper contact @ 200 to c.a.	68988 68927	100.65 103.21	101.05 104.81	60 515	5.1 4.9	
88.05	88.95	0.90	Mafic Dyke - Same as above but parallel to c.a. for upper 40cm and swelling for lower 45cm. -reddish-orange staining associated with qtz calcite stringers & lenses; lower contact @ 200 to c.a.; tr f. gr. diss. py.	68928 68929	104.81 105.65	105.65 106.30	518 313	2.9 2.5	

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 88-02
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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Sample Description
88.95	103.20	14.25	Altered Granodiorite - Similar to 87.00-87.35m -py and tr cp? finely diss. in core and concentrated in some chlorite-rich fractures; sericitic alteration present	68989	108.30	109.04	1298	6.0	-altered silicified with approx. 2% py in chl. fractures -as above @ 150 to c.a. -as above; qtz calcite @ 100 to c.a. -chl fractures & py -qtz at 300 to c.a. ~ 1% f. gr. py -qtz tension gashes @ approx. 800 to c.a.; py approx. 1% -qtz & chl. fracture with py -qtz lenses & stringers with diss. py up to 3%
103.20	105.65	2.35	Mafic Dyke Mineralized - Dark green; v. f. gr. to aphanitic; calcite & qtz veins & veinlets with light pink tinge; foliation poorly defined @ approx. 150 to c.a.; laminated; diss py is m. f. gr. and up to 10% of core is py.	68990 68991 68992 68993 68994	110.00 111.25 126.05 127.60 128.60	110.50 112.25 126.70 128.60 130.15	110 67 113 1554 658	4.0 2.1 3.1 3.1 3.1	
105.65	139.45	37.80	Altered Granodiorite - Similar to 87.00-87.35m intense fracturing & chl. + py fill from 108.30-112.25m @ 10-150 to c.a. White qtz & calcite in-filling fracture & causing local brecciation @ 131.90 & @ 132.80m; diss. py & magnetite	68995 68930 68931 68932	148.30 147.78 148.45 154.50	148.65 148.85 150.65 155.28	522 2200 93 198	3.1 2.1 (1.0) (1.0)	-diss. py up to 2-1% -altered with py along chl. slips & fractures -strong shears; schists 1-2% py -2% py in altered gd. -mafic lens - py at CTCs -similar to 156.10-156.55m -altered with approx. 1% diss. py chl. fracture parallel c.a. -as above; red colour to core -as above w qtz vein -py approx. 2% associated with chl. -altered gd. py along slips -as above -as above -diss. py in altered gd. -qtz stringers; chl. sericite fract. -altered gd.-chl. limonite filled fractures parallel to c.a. -qtz & chl. veins @ 500 to c.a.; up to 5% loc. py -sheared with qtz lenses diss. py approx. 0.5% -qtz chl. blebs and veins; sheared
139.45	145.92	6.47	Granodiorite - phaneritic-porphyritic; (upper 10cm is dark pinkish aplite with lower CTC @ approx. 450 to c.a.); generally massive; qtz & chl. lens & calcite; tr diss. py and magnetite; sharp irregular lower contact @ 900 to c.a.	68933 68934 68935 68936 68937	155.28 156.10 156.55 156.78 162.20	156.10 156.55 156.78 157.79 163.64	1119 104 29 23 115	1.6 (1.0) 1.4 (1.0) (1.0)	
145.92	146.30	0.38	Mafic Dyke - dark greenish grey; porphyritic; m.-f.g. anhedral feldspar in a dioritic rock	68938 68939 68940 68941 68942 68943	163.64 165.11 166.46 166.53 167.10 167.94	165.11 166.46 167.10 167.68 169.28 170.79	36 41 132 756 84 610	(1.0) (1.0) (1.0) 3.2 (1.0) (1.0)	
146.30	179.00	32.70	Altered Granodiorite - Similar to 87.00-87.35m weakly sheared from 148.50-152.50m @ approx. 650 to c.a.; up to 3% diss. py throughout interval especially in chl. fractures and chloritized mafic minerals; some sericite; feldspar strongly saussuritized.	68944 68945 68946 68996 68997 68998	170.79 171.83 171.83 175.28 176.42 192.40 193.33	171.83 173.23 176.42 177.32 193.33 194.36	1025 350 46 84 381 596	2.6 1.8 1.2 3.1 4.1 4.1	

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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Sample Description:
			strongly sheared: @ approx. 400 to c.a. from 155.30-to 156.10m (chlorite-sericite schist) abundant diss. py; mafic f. gr. lens; 156.55-156.78m	68999	198.80	199.40	516	4.1	-slightly sheared from 400 to c.a. qtz veining; f. gr. py
			weak to moderate shearing @ approx. 400 to c. a. esp. from 167.30-168.60m; foliation changed to approx 600 to c.a. until approx. 170.00m-171.85m (900 to c.a.);	69000	207.55	207.75	26	3.1	-"hybrid" rock of Gd mixed with calcite & approx. 1% f. gr. py
			171.85-173.25m @ 350 to c.a.	93532A	217.65	218.15	32	2.1	-chl. mafics are replaced by py
			Qtz Diorite to Granodiorite - "Peppered" med. gray to pinkish grey; med. gr. generally massive.	93533A	220.10	221.05	28	5.0	-qtz calcite vein subparallel to c.a. with approx. 1-2% py & chl.
			-approx. 20% mafics (almost completely chloritized)	93534A	231.10	231.80	15	3.1	-thin pyritized chl. veinlets
			Pink aplitic dyke @ 184.76-184.83m	93535A	252.80	253.60	12	2.1	-qtz-calcite chl. vein with py parallel to c.a.
179.00	194.85	15.85	minor calcite veinlets; tr diss. py & magnetite	93536A	261.60	262.10	8	4.1	-qtz vein-braccia of wallrock; 0.5% py
			-qtz-chlorite lenses	93537A	268.07	268.45	15	3.1	-epidote veinlet @ 150 to c.a. with approx. 0.5% py
			sheared from 192.40-194.36m @ approx. 75-800 to c.a.; qtz lenses & stringers are common; f. gr. py occurs in chloritic slips & fractures and along qtz selvages.	93538A	275.07	276.40	70	3.1	-altered qtz diorite with qtz-calc. vein
			Dacite - Dark greyish green; aphanitic; massive with minor qtz-calcite veinlets.	93539A	279.37	280.07	31	3.1	-vuggy qtz veins with py
			tr diss. py along qtz-calcite veins.	93540A	302.85	304.20	64	3.1	-altered silicified zone with qtz vein @ 200 to c.a.
194.85	196.60	1.75	Granodiorite - anhedral grading into phaneritic porphyritic rock; minor subrounded xenoliths of calcite in Gd (altered); "Hybrid" rock @ 207.55-207.75m; 211.47-211.75m	93541A	308.63	309.36	69	1.2	-similar to above with approx. 1% py
			-red hematite staining adj. to some fractures associated with qtz epidotized feldspar.	93542A	336.05	336.80	130	2.1	-moderate silicification; qtz-calc. chl. vein and py 200 to c.a.
				93543A	339.80	340.73	31	1.2	-dark grey; silicified; qtz calcite vein ± py
				93544A	356.50	357.32	22	1.2	-dark grey; carbonatized; minor hemi diss. py; foliation @ 350 to c.a.
				93545A	368.82	369.47	29	(1.0	-calcite vein with hem along selvages & assoc. diss. py
196.60	225.00	28.40		93546A	373.00	373.40	39	1.2	-qtz-calcite vein @ 400 to c.a. with chl. & py; hem
				93547A	374.23	374.75	234	1.2	-similar to above; vein @ 150 to c.a.
				93548A	377.50	378.50	29	(1.0	-hematized; tr py diss. throughout
				93549A	378.50	378.80	(5	(1.0	-bull qtz with hem-chl. slips
				93550A	378.80	379.25	8	2.1	-hematized; no sulphides -chl. calcite schist

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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Sample Description:
225.00	228.10	3.10	213.00-213.15m; qtz vein (1cm wide) @ 150 to c.a.; chl. along one contact and green elongated mineral growing \perp other CTC (epidote?) Dacite: Porphyritized - approx. 10-15% subhedral light green feldspar phenocrysts in dark green aphanitic groundmass; minor calcite; massive; tr diss f. gr. py diss. throughout.	93551A 93552A	379.25 401.52	380.45 401.97	6 27	3.1 1.2	-chl. calcite shist. -py rich veinlets cutting across xenoliths -qtz vein @ 100 to c.a.; massive py chloritization -mafic interval with calcite vein subparallel to c.a. with py -qtz-calcite vein @ 80 to c.a.; chl. altered with py.
228.10	304.20	76.10	Granodiorite with Qtz Diorite Phases - m. gr. - c gr. porphyritic; similar to 139.45-145.92m. Porphyritic dacite xenoliths "hybrid" rocks @: 229.10-229.20m; 232.00-232.38m -qtz-chlorite veins common; hematite lined fractures also common Altered: 244.40-248.90m with chlorite, minor sericite; qtz vein & trace diss py 261.70-261.95m: greyish-white qtz veins -sharp uneven contact @ approx. 300 to c.a.; local brecciation of wallrock; f. gr. py -epidote is ubiquitous 302.95-304.20m: altered med. grey silicified zone; qtz vein @ 200 to c.a. from 303.41-303.56m; approx. 1% dissem py crystals and masses (qtz is blueish colour)	93553A 93554A 93555A	408.38 411.45 412.85	409.08 412.05 413.85	114 32 120	1.0 1.2 2.1	
304.20	373.00	68.80	Granodiorite to Qtz Diorite - -phaneritic-porphyritic; m. - c. gr; grades in and out of dioritic to qtz-dioritic phases; occasional mafic xenoliths. -sulphides are generally most abundant within qtz-calc. filled fractures or sparsely diss. in mafic minerals of core; epidote is present in minor hematite. -generally massive; chloritic fractures vary in orient. 336.05-336.80m; 339.80-340.75m;						

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DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 88-02
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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Sample Description:
373.00	377.50	4.50	dark grey; silicified from qtz veining; calcite - qtz vein @ 200 to c.a.; minor hematite filled fract.; py diss. throughout (up to 2%) Altered Granodiorite to Diorite - -crystals are generally anhedral; m. gr.; dark grey to greenish-grey; chlorite ± sericite present i assoc. with qtz-calcite veins; reddish hematite staining also occas. present; saussuritization present						
377.50	378.50	1.00	Hematized Diorite - -reddish with dark green chloritized amphiboles; approx. 5-10% blueish qtz; tr py.						
378.50	378.80	0.30	Quartz Vein - White bull qtz with minor red hematite stain and chl. along slips						
378.80	379.35	0.55	Altered Diorite - m.-f. gr.; chloritized with hematite stain						
379.35	380.45	1.10	Shear Zone Chloritic Schists - Strong to intensely foliated; chl. with minor lenses of qtz & calcite. -foliation varies from 350 to c.a. to subparallel to c.a.; friable from 379.75-380.05m						
380.45	428.96	48.50	Altered Granodiorite to Qtz Diorite - anhedral crystals; similar to 373.00-377.50m -xenolith of sheared chl. schist with calcite @ 380.60-380.70m -mafic xenoliths are common throughout interval (similar to 304.20-373.00m). -mineralization is assoc. with qtz-calcite veins & altered zones of chl. & silicification -from 416.00m downward core is c. gr. and hosts up to 20% chloritized amphiboles. 428.96 E.O.H.						

88-02 Sludge Samples

<u>No.</u>	<u>Distance (ft.)</u>	<u>Auppb)</u>	<u>Au(ppm)</u>
1.	7-17	44	5.1
2.	17-27	38	6.1
3.	27-37	8	2.2
4.	37-47	45	(1.0
5.	47-57	35	(1.0
6.	57-67	15	3.2
7.	67-77	16	2.2
8.	77-87	51	10.9
9.	97	54	4.1
10.	107	14	2.2
11.	117.	25	2.2
12.	127	12	2.2
13.	137	5	2.2
14.	147	34	3.2
15.	157	33	9.0
16.	167	8	4.1
17.	177	14	2.2
18.	187	9	8.0
19.	197	40	9.0
20.	207	(5	3.2
21.	217	14	(1.0
22.	227	14	2.2
23.	237	16	(1.0
24.	247	45	3.2
25.	257	50(au)	19.6
26.	267	40	(1.0
27.	277	(5	(1.0
28.	277-287	7	2.2
29.	297	30	(1.0
30.	297-317	22	20.5
31.	317-337	69	1.6
	337-357	818	8.6
32.	357-337	351	4.3
33.	377-397	54	5.2
34.	397-417	30	(1.0
35.	417-437	827	(1.0
36.	437-457	166	16.3
37.	457-477	51	6.1
38.	477-497	812(au)	21.4
39.	497-507	470	54.1
	507-527	350	20.2
40.	527-537	663	14.4
41.	547	439	9.8
42.	567	1141	4.3
43.	577	699	2.5
44.	587	160	(1.0
45.		54	2.5
46.		50	(1.0
47.		54(au)	(1.0
48.	617-627	191	(1.0
49.	637	353	(1.0
50.	647	194	(1.0
51.	657-667	135	(1.0

88-02 Sludge Samples (contn'd.)

<u>No.</u>	<u>Distance (ft.)</u>	<u>Au(ppb)</u>	<u>Au(ppm)</u>
52.		80	(1.0)
53.		38	(1.0)
54.		46	(1.0)
55.		77	(1.0)
56.	707-717	71 (au)	(1.0)
57.	717-727	62	(1.0)
58.	737	39	(1.0)
59.	737-747	24	(1.0)
	747-757	64	1.8
60.	757-767	32	(1.0)
61.	777	32	(1.0)
62.	787	32	(1.0)
63.	797	36	3.4
64.	807	58	(1.0)
	807-817		
65.	817-827	95	(1.0)
66.	837	24	(1.0)
67.	847	31	(1.0)
68.	857-867	8	(1.0)
	867-877		
69.	887	27 (au)	(1.0)
70.		18	1.2
71.		23	(1.0)
72.		29	1.4
73.		16	2.9
74.	927-937	91	3.5
75.		52	2.3
76.		13	1.1
77.		8	(1.0)
78.		14	1.9
79.		47	5.0
80.		29	1.5
81.		58	2.5
82.		66	4.0
83.	1017-1027	154	2.5
84.		15	1.5
85.		17	1.7
86.		13	1.4
87.		29	1.1
88.		13	(1.0)
89.		11	1.2
90.		31	1.5
91.		38	(1.0)
92.		12	(1.0)
93.			
94.		37	(1.0)
95.		11	(1.0)
96.		19	1.2
97.		12	(1.0)
98.		18	(1.0)
99.		11	(1.0)
100.		10	(1.0)

88-02 Sludge Samples contn'd.

<u>No.</u>	<u>Distance (ft)</u>	<u>Au(ppb)</u>	<u>Au(ppm)</u>
101.		35	1.2
102.	1207-1217	79	1.1
103.		47	1.3
104.		38	1.6
105.	(contaminated)		
106.		35	1.6
107.		16	3.3
108.		24	2.1
109.		33	2.5
110.		19	2.7
111.		29	2.2
112.		62	2.4
113.		35	1.6
114.		25	2.4
115.		35	1.5
116.		41	2.3
117.		46	3.3
118.		41	1.8
119.		22	2.3
120.		13	1.5
121.		10	1.3
122.	337-357	818	8.6
123.	507-527	350	20.2
124.	547-557	335	17.4
125.	647-657	248	1.6
126.	747-757	64	1.8
127.	847-857	28	1.4

GREATER TENAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 88-03
Page No: 1 of 2

Job: <u>482-13</u> N.T.S. Property: <u>Miron</u> Twp./Prov.: <u>Elmhurst, Ontario</u> Location: <u>Latitude: 300' W of</u> <u>Departure: fork</u> <u>Elevation:</u>		Drilled By: <u>Motherlode</u> Commenced: <u>January 31, '88</u> Completed: <u>February 1, '88</u> Length: <u>S. N. Pudifin</u> Logged By: <u>Feb. 17 & 18/88</u> Date: _____		Core Location: <u>Beardmore</u> Core Size: <u>BQ</u> Remarks: _____ Claim No: <u>813374</u>		Tests: Dip <u>Asimuth</u> @ Collar: <u>-450</u> <u>3600</u> <u>200'</u> <u>407'</u>				
From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Sample Description	
0	2.10	2.10	Casing -	93578A	5.70	6.20	34		-fracture filled with py; limonitic staining.	
2.10	64.70	62.60	Granodiorite - -pinkish grey, med. to c. gr.; generally massive -slightly porphyritic texture; minor epidote 45-40% red feldspar; potassic or hematite alteration; 35% greenish feldspar; often saussuritized; 10-15% qtz; grey vitreous; approx. 10% hornblende, sometimes chloritized. Magnetic accessory mineral & diss. py Pink aplitic intervals @; 3.00-3.35m (upper & lower contacts @ 300 to c.a.); 6.30-6.35m (600 to c.a.); 7.55-7.58m (600 to c.a.) -fractures generally chloritic with f. gr. euhedral py crystals; some altered zones are foliated or silicified giving gneissic appearance to core (generally mineralized - see sample description) Qtz diorite phases present: 21.55-23.15m (gradational lower contact); 28.40-29.62m (qtz vein @ 300 to c.a. with massive blebs of py along selvages); 37.88-38.68m; 39.78-39.98m; 41.24-41.80; 45.10-45.80m Red hematite rich interval: 42.05-42.73m (f. gr & with approx. 1% f. gr. dissem. py).	68947	16.56	17.16	74	(1.0)		-altered granodiorite; gneissic, qtz with 2% py parallel to foliation @ approx. 500 to c.a. -f. gr. silicified & minor hematite 0.25% py -qtz vein with chl. slips & py adj. to vein; tr cp. -silicified zone from qtz veinlets @ 300 to c.a. -felsite with diss. magnetite & py hematized -qtz calcite vein 1.5cm wide with diss. py along selv. @ 300 to c.a. -altered granodiorite with approx. 1% f. gr. py along chl.-calc. frac. -white vitreous qtz approx. 0.5-1% f. gr. py along chl. fractures -altered granodiorite with approx 0.5% f. gr. diss. py -massive pockets of f. gr. py & up to 10% f. gr. fracture fill. -qtz calc. veinlet @ 300 to c.a.; silicified; py diss. along selvages -similar to above -qtz calcite lens with minor cp CTC area
64.70	66.26	1.56	Mafic Dyke - upper contact is 500 to c.a.; lower contact is 300 to c.a.	93581A 93582A 93583A 68948 68949 68950 68951 93584A 93588A 92585A	30.98 42.05 61.57 75.93 76.38 77.11 78.25 78.81 108.30 109.00 113.10	31.63 42.75 61.80 76.38 77.11 78.25 79.50 108.70 109.27 113.42	14 49 6 109 59 26 276 56 197 11			

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 88-03
Page No: 2 of 2

From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Sample Description:
66.26	112.09	45.83	-f. gr. dark green, massive; very weakly porphyritic; minor very thin calcite veinlets -tr. f. gr. diss. py Granodiorite - Similar to 2.10-64.70m but not phaneritic (crystals are generally more altered and anhedral) Altered intervals are associated with fracturing or qtz veins; qtz vein from 76.88-77.11 is mineralized with f. gr. py, upper & lower contact zones have 0.5-12 py; approx. 10-15% py massive patches and replacement of veins from 78.81-79.50m	93586A 93587A	114.45 116.65	114.80 116.90	468 57		-qtz-calcite vein with chl. fract and py at 25-300 to c.a. -as above
112.19	113.35	1.26	Mafic Dyke - v. f. gr.; dark green to black with white specks of calc. develops foliation to wards bottom of interval @ 580 to c.a.; vuggy qtz-calcite and granodiorite from 113.24-113.28m						
113.35	123.33	9.98	Granodiorite - similar to 66.26-112.09m; generally massive altered zones are silicified resulting from thin qtz & calcite veins; py is commonly associated with these zones.						
			123.33 EOH						

88-03 Sludge Samples

<u>No.</u>	<u>Depth (ft.)</u>	<u>Au(ppb)</u>	<u>Ag (ppm)</u>
1.	17-27	56	2.6
2.	37	14	(1.0
3.	47	44	1.7
4.	57	79	1.7
5.	67	44	(1.0
6.	77	40	(1.0
7.	87	40	(1.0
8.	97	199	3.5
9.	107	68	4.6
10.	117	34	(1.0
11.	127	9	2.6
12.	137	12	(1.0
13.	147	32	1.7
14.	157	14	(1.0
15.	167	6	1.7
16.	177	12	(1.0
17.	187	45	(1.0
18.	197	10	(1.0
19.	207	8	1.7
20.	217	9	2.7
21.	227	46	1.7
22.	237	(5	(1.0
23.	247	31	(1.0
24.	257	50	2.6
25.	267	49	4.6
26.	277	33	1.7
27.	287	21	(1.0
28.	297	50	1.7
29.	307	(5	1.7
30.	317	(5	(1.0
31.	317-327	9	1.7
32.	337	43	1.7
33.	347	18	(1.0
34.	357	18	(1.0
35.	367	31	1.7
36.	377	28	1.7
37.	387	54	1.7
38.	397	15	(1.0
39.	397-407	12	2.7

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 88-04
Page No: 1 of 3

Job: 482-13		N.T.S.		Drilled By: Motherlode		Core Location: Beardmore		Tests:		Azimuth:	
Property: Miron		Commenced: February 2, '88		Core Size: 80		Collar: -450		Dip: 180°			
Twp./Prov.: Elmhurst, Ontario		Completed: February 3, '88		Remarks:		307'		-480			
Location: Latitude: 300' W of		Logged By: S. H. Pudifin		Claim No: 813374		607'		-470			
Departure: fork		Date: February 14, '88									
Elevation:											
From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Sample Description		
0	3.03	0	Casing -								
3.03	86.64	83.61	Granodiorite-- Pinkish grey, phaneritic - porphyritic; med.-c. gr.; 40% light green feldspar 35% pinkish feldspar approx. 15% grey qtz 8-10% black amphibole tr. diss. magnetite; minor epidote and chl. alteration of mafics; yellowish-orange iron staining along fractures in upper 8.50m; chlorite-filled fractures are common; 18.50-19.48: Qtz-calcite vein (approx. 5cm wide) @ 150 to c.a.; py occurs as diss. crystals along selvages; massive blebs of chl. occurs within the vein. 38.90m: 2cm wide calcite vein @ 300 to c.a. with massive chl. bleb along lower contact; pinkish alteration. Narrow intervals of feldite and qtz diorite phases grade in and out of granodiorite. Alteration, caused by fracturing (generally filled with chl.) and/or qtz-calcite veining; gives core a greyish, mottled appearance (see sample descriptions); diss. py is commonly present in these intervals; at 64.75 red fracture; 74.35-74.83m: Pink, f. gr. massive aplitic phase with minor thin fractures filled with chl. and minor py.	93589A 93590A 93591A 93592A 93593A 93594A 93595A 93596A 93597A 93598A	5.65 18.68 26.13 28.75 32.01 45.44 50.02 55.95 60.60 72.70	6.45 19.48 26.28 29.45 32.28 46.74 50.68 57.03 61.10 73.80	15 71 13 6 46 98 113 14 20 14	(1.0) 1.2 (1.0) (1.0) (1.0) 2.0 2.4 (1.0) (1.0) (1.0)	-diss. py -white vitreous qtz. & calcite vein with bleb of massive chl. & py -qtz-calcite fracture @ approx. 50 to c.a. with diss. py cubes -similar to above with chl. along fracture (100 to c.a.) -as above @ 300 to c.a. -red soft mineral along selvages -altered greyish granodiorite crosscut with chl. & qtz calc. veinlets with assoc. py -as above; silicified qtz-calcite veins generally @ approx. 300 to c.a.; 2% py upper 20cm, weakly sheared & 350 to c.a., approx. 2% py -greyish, chl. altered gd from chl. like fracture @ 220 to c.a. -mottled grey from chlorite-filled frac. @ approx. 50 to c.a. with diss. tr py		

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 88-04
Page No: 2 of 3

From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Sample Description:
86.64	87.57	0.93	Mafic Dyke - Dark green; v. f. gr.; weakly porphyritic with approx. 5% f. gr. subhedral feldspar from (0.5mm to approx. 4mm); upper contact @ 40° to c.a.; lower contact @ 20° to c.a.	93599A	74.15	74.75	31	1.0	-py filled veinlet @ 20° to c.a. upper contact with aplite -pink aplite, tr dias. py along chloritic fractures
87.57	114.02	26.45	Granodiorite - similar to 3.03-86.64m; xenolith of mafic dyke from 87.72-87.80m; mineral outlines not as well defined due to some sericitization and epidote alteration. -minor qtz-calcite veins with massive clots of f. gr. chlorite 93.20-93.55m: silicified dark grey interval with abundant chlorite grading into med. grey m-c. gr. interval of qtz dioritic rock from approx. 93.55 to 94.65m. 97.44-97.55m: aplitic buff-grey coloured phase; upper & lower contact @ 25° and 30°, respectively; thin pink aplitic phase perpendicular to the core axis from 103.16-103.21m. 106.60: chlorite-calcite vein 107.98-108.18: altered, chloritic weakly sheared @ approx. 40° to c.a. with purplish blue qtz; similar from 110.22-110.77m.	93600A 93601A 93602A 93603A 93501 93502 93503 93504 93505 93506 93507 93508 93509	74.35 96.26 115.20 123.33 124.75 126.24 126.24 127.67 129.13 129.13 130.50 131.99 131.99 133.44 134.89 135.92 137.38	15 46 24 457 223 187 33 71 159 100 212 125 40	(1.0) 1.2 1.2 1.0 1.4 2.1 1.0 1.3 1.4 1.0 3.8 1.0 1.0	-dark to med. gray, altered granodiorite; cut by chl. fractures @ approx. 100 to c.a.; py -sheared qtz diorite with f. gr. dias. py -sheared qtz-diorite with tr f.-m. gr. py associated with chl. -sheared qtz-diorite @ 60° to c.a. with dias. py -as above; shearing @ 45° to c.a. -as above; shearing @ 50° -as above; weak shearing @ 45° -as above; sericite common -sericitic/py assoc. with chl. wisps -limonitic, fractured qtz wisps; py up to 2-3% -as above; less py towards bottom of interval -as above with more chl. approx. 0.25% py.	
114.02	132.40	18.38	Sheared Quartz-Diorite (gneissic) Dark grey, chloritized, bluish purple qtz augens; foliation varies @ 115.50 @ 55° to c.a. -minor pink calcite pods; py dias. throughout -pinkish grey aplitic phase from 117.50-117.71m	93510 93511 93604A 93605A	137.38 138.78 148.00 179.91	138.78 140.18 148.42 180.51	7 6 44 26	(1.0) 1.0 2.0 1.8	-as above -as above, tr py. -qtz-calcite veins assoc. chl. & py -altered granodiorite; qtz, calcite with f. gr. py @ 25° to c.a.
132.40	153.79	21.39	Granodiorite - Pinkish-grey, fine grained, weakly sheared limonitic in upper sheared interval to 140.35m; minor sericite.	93606A 93521A	182.13 182.43	182.43 183.90	59 27	10.2 1.0	-qtz-calcite vein @ approx. 50° to c.a. with tr py. -altered Gd from qtz-calcite veinlets - f. gr. py along fractures.

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

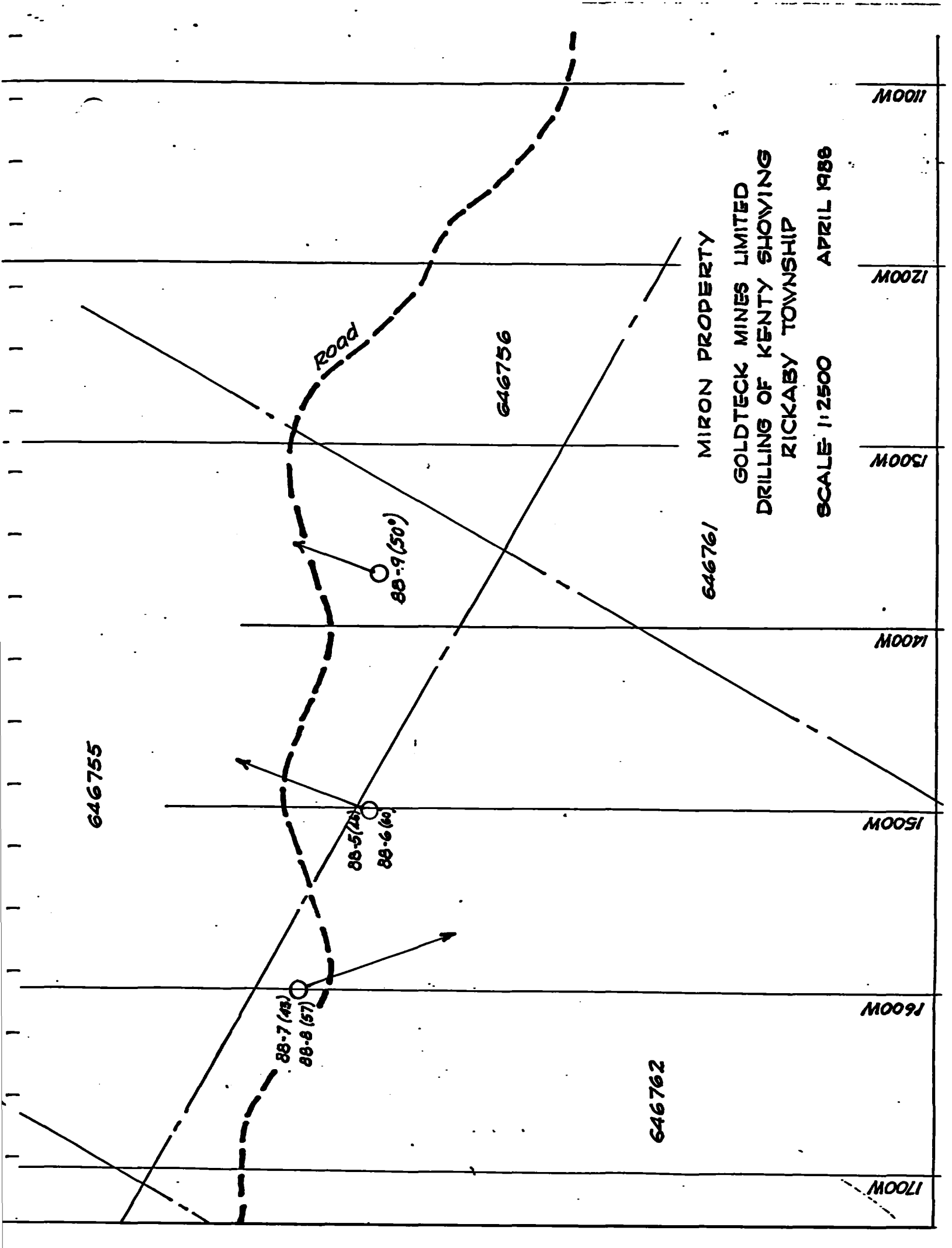
Hole #: 88-04
Page No: 3 of 3

From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Sample Description:
			-140.35m downward, m. gr; phaneritic -pink hematite staining sporadic 148.00-148.25m pink aplite crosscut by qtz-calcite vein approx. 1cm wide @ 200 to c.a. -epidote common in lower 1.5m -qtz-calcite vein @ 850 to c.a. @152.90m; chlorite blebs on selvages						
153.79	154.39	0.60	Mafic Dyke - m. f. gr.; dark green; upper and lower con- tacts @ 200 & 250 to core axis respectively						
154.39	183.90	29.51	Granodiorite - med. grayish; med. grained; phaneritic -epidote is abundant at upper contact -reddish hematite stain from 166.70-166.75 -f. gr. more mafic xenoliths present -more mafic dioritic phase from: 167.00-16740m;176.41-176.51m Altered darker grey interval: 179.90-180.92m;182.13-183.90m; These intervals are cut by narrow qtz & calcite veins; dis. f. gr. traces of py						
			183.90 E.O.H.						

<u>No.</u>	<u>Depth (ft.)</u>	<u>Au(ppb)</u>	<u>A (ppm)</u>
1.	17-27	46	6.4
2.	27-37	21	5.4
3.	37-47	59	7.8
4.	47-57	154	7.4
5.	57-67	22	5.6
6.	67-77	14	7.8
7.	77-87	16	6.3
8.	87-97	78	11.8
9.		(insufficient sample)	
10.	107-117	" "	7.6
11.	117-127	13	9.6
12.	127-137	18	12.0
13.	137-147	17(au)	11.0
14.	147-157	53	19.6
15.	157-167	115	18.2
16.	167	65	22.0
17.	177	19	19.0
18.	187	10	35.6
19.	197	9	25.8
20.	207	41	15.7
21.	217	22	10.8
22.	227	(insufficient sample)	11.6
23.	237	15	3.2
24.	247	14	6.4
25.	257	22	4.2
26.	267	16	3.5
27.	277	12	2.8
28.	287	11	5.4
29.	297	13	3.6
30.	307	(insufficient sample)	3.6
31.	317-327	15	4.5
32.	327-337	(insufficient sample)	4.7
33.	347	18	4.5
34.	357	17	1.2
35.	367	16	1.2
36.	377	13	(1.0
37.	387	13	3.5
38.	397	8	5.3
39.	407	46	6.4
40.	407-417	239(au)	6.3
41.	427	167	10.2
42.	437	62	25.1
43.	447	158	14.2
44.	457	63	15.0
45.	467	14	11.0
46.	477	13	11.0
47.	487	32	6.7
48.	497	25	14.1
49.	507	24	10.8
50.	517	113	3.8
51.	527	8	9.4
52.	537	27	6.5
53.	547	24	4.6
54.	557	6	6.0
55.	567	11	3.6
56.	577	(5	2.7
57.	587	8	2.2
58.	597	10	2.4
59.	607	19(av)	3.2

MIRON RICKABY PROPERTY

- 1. DRILL HOLE LOCATION MAP**
- 2. DRILL SECTIONS OF HOLES 88-05 TO 88-09**
- 3. DRILL LOGS OF HOLES 88-05 TO 88-09**



1100W

1200W

1300W

1400W

1500W

1600W

1700W

646755

646756

646761

646762

Road

MIRON PROPERTY
GOLDTECK MINES LIMITED
DRILLING OF KENTY SHOWING
RICKABY TOWNSHIP

SCALE 1:2500
APRIL 1988

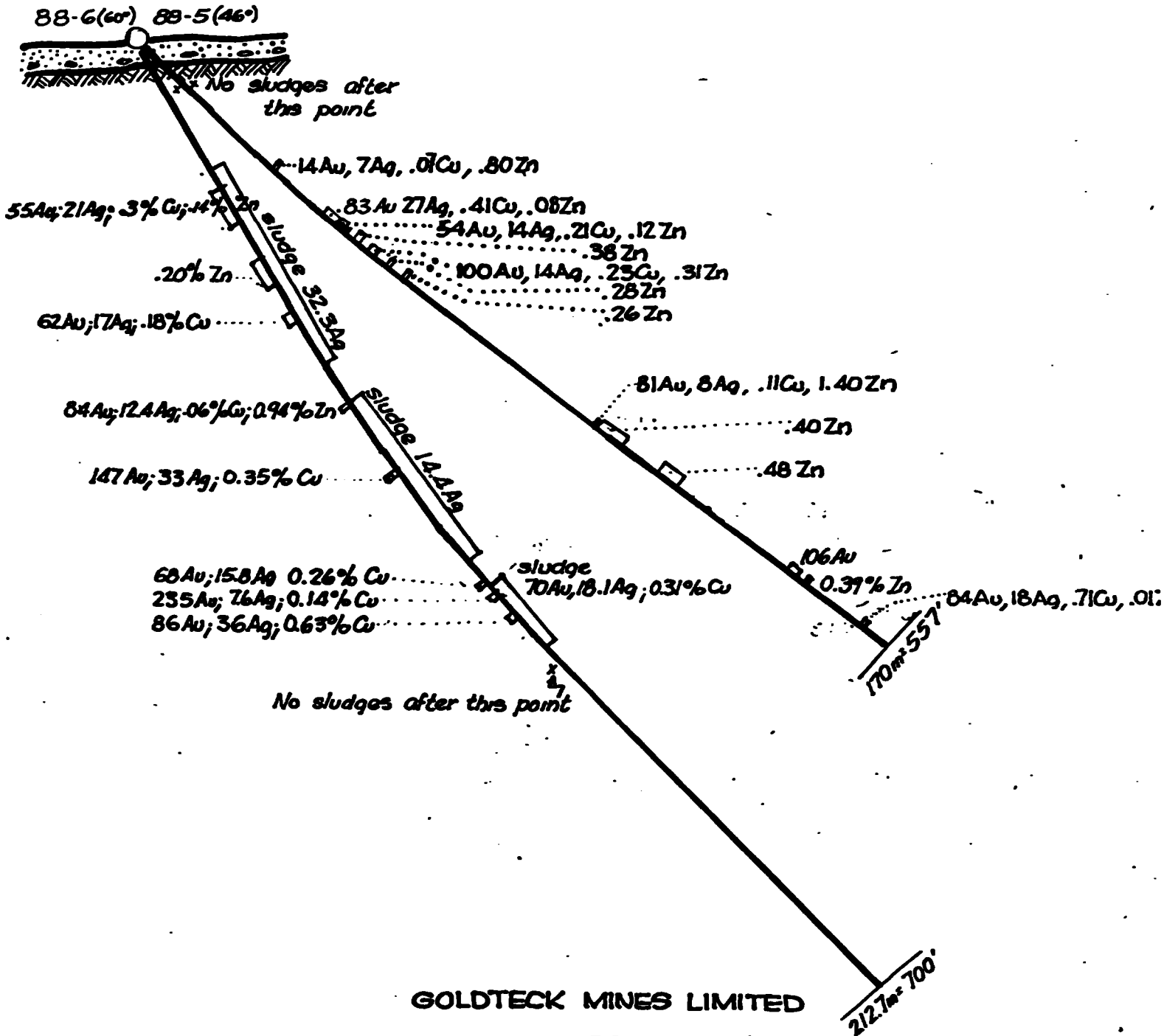
88-7 (43)
88-8 (57)

88-5 (45)
88-6 (60)

88-9 (50)

N10W

Au in ppb
Ag in ppm
Cu in %
Zn in %



GOLDTECK MINES LIMITED
 MIRON PROPERTY
 RICKABY TOWNSHIP
 KENTY SHOWING
 SCALE 1:1000 1988
 W.M.

DDH 88-05
 88-06

88-8(57) 88-7(43°)



88-7 Sludges

132 Au
.46 Ag
192 Au, 32 Ag, .12 Cu, .05 Zn
180 Au, 44 Ag, .25 Cu, .14 Zn

88-7 Core

187 Au, 38 Ag, .54 Cu, .02 Z
333 Au, 36 Ag, .51 Cu, .02 Z
100 Au, 31 Ag, .50 Cu, .07 Zn
144 Au, 26 Ag, .52 Cu, .08 Z
465 Au, 214 Ag, 2.80 Cu, .21 Zn
221 Au, 102 Ag, 2.11 Cu, .21 Zn
253 Au, 32 Ag, .27 Cu, .37 Zr

88-8 Sludges

107 Au, 40 Ag, 0.70 Cu, 0.09 Zn

34 Ag

88-8 Core

288 Au, 74 Ag, 1.14 Cu, .14 Zn
1078 Au, 208 Ag, 6.73 Cu, .47 Zn
353 Au, 7 Ag, .14 Cu, .06 Zn

137 Au
0.29 Cu

82 Au, 11 Ag, 0.14 Cu, 0.10 Zn

274 Au, 92 Ag, 1.62 Cu, .15 Zn

145 Au, 14 Ag, .47 Cu, .03 Zn

81 Au, 24 Ag, .54 Cu, .31 Zn

79 Au, 30 Ag, .57 Cu, .20 Zn

34 Ag

196 Au, 14 Ag

20 Ag

22 Ag

*no sludges after
this point*

.16 % Cu, .44 % Zn

.27 % Zn

.27 % Zn

.30 % Zn

.27 % Zn

.28 % Zn

.29 % Zn

211m6r

2613m-857'

GOLDTECK MINES LIMITED

MIRON PROPERTY

RICKABY TOWNSHIP

KENTY SHOWING

SCALE 1:1000

1988

A.J.M.

Au
Ag
Cu
Zn

N10 IV



88-09 (50')



Tuff

Qtz Fp Per

Dacite (D)

Tuff (T)

Andesite

Tuff

Dacite

Tuff

Amphib

Dacite

Tuff

D

185 m - 607'

122 Au, 13 Ag, .91 Cu, .03 Zn

54 Au, 7 Ag, .40 Cu, .02 Zn

56 Au, 8 Ag, .36 Cu, .02 Zn

170 Au, 20 Ag, .38 Cu, .33 Zn

77 Au, 21 Ag, .44 Cu, .20 Zn

29 Zn

157 Au, 34 Ag, .73 Cu, .28 Zn

75 Au, 35 Ag, .61 Cu, .21 Zn

17 Au, 13 Ag, .21 Cu, 1.10 Zn

GOLDTECK MINES LIMITED

MIRON PROPERTY

RICKABY TOWNSHIP

KENTY SHOWING

SCALE 1:1000 1988

u.m.

DDH 88-09

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 88-05
Page No: 1 of 4

Job: Beardmore N.T.S. Property: Miron (Kentucky) Twp./Prov.: Richkaby		Drilled By: Motherlode Commenced: February 11, '88 Completed: February 18, '88 Length: 172.87m Logged By: S. M. Pudifin Date:		Core Location: Beardmore Core Size: BQ Remarks: Claim No: 646762		Tests: @ Collar: Dip Azimuth 257' 450 3500 557' 390 390				
From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Cu ppm	Zn ppm	Sample Description
0	3.30	Casing	93895A	3.35	4.65	11	5.6	608.0	1576.0	-limonite along fractures, 0.5-1% dissemin. py
3.30	11.45	Dacitic to Felsic Tuff - Med. grey; med-f. gr.; foliated @ 25° to c.a. minor limonite, 0.5 to 1% f. gr. dissemin. py throughout core and along fracture (irregularly distributed) 6.70m: banding @ 30° to c.a., more felsic to base of interval 10.50-11.45m: Felsic lapilli tuff, fragments are subangular; up to 4cm diam; more mafic dark grey in a f. gr. felsic matrix; sericitic between lapilli fragments	93896A 93897A 93898A 93899A	4.65 6.15 6.15 33.51	6.15 7.65 34.51	6 12 14	1.0 2.6 6.6	71.4 272.8 656.0	772.0 744.0 7960.0	-f. gr. py dissemin. throughout core 0.5% up to 2% fgr. dissemin. and Blabby py -qtz-calcite vein (1cm wide) subparallel to c.a. ~ 1% py -irregularly dissemin. blebs of py 0.5%, tr cp -as above -0.25-0.5% dissemin. py with increasing amounts of dissemin. po to 0.5% tr cp -0.5% po. 0.25% cp, tr dissemin. py lower half is rhyolitic -1% py, often along fractures, dissemin blebs cp 1.25% tr po -0.5% f. gr. clusters py, 0.25% f. gr. blebs cp -2% py blebs & fracture filling 0.5% f. gr. blebs cp tr. sph. in calcite fractures
11.45	19.93	Feldspar Porphyry - Med. grey dacitic matrix, occasionally sericitic, with c. gr. subrounded and some square feldspar (1mm to 1.5cm in diam.) some feldspar are zoned or pink in colour; tr dissemin. m. gr. py - few qtz veins.	93900A 93901A 93902A	42.10 44.10 45.60	43.60 45.60	11 32	5.0 9.2	385.4 1568.0	1412.0 1596.0 1016.0	-1% py, often along fractures, dissemin blebs cp 1.25% tr po -0.5% f. gr. clusters py, 0.25% f. gr. blebs cp -2% py blebs & fracture filling 0.5% f. gr. blebs cp tr. sph. in calcite fractures
19.93	40.60	Dacite - Med. grey, med. grained, well compacted, generally no structure; qtz veins @ the following intervals: 23.08-23.29m @ 27° (subparallel to c.a.); 36.21-36.38 @ 22° to c.a.; hosting chlorite fractures); qtz-calcite vein; 1cm wide @ 33.55m with 1% py. -v. f. gr. soft ash tuff at 32.75-33.36m - tr f. gr py	93903A 93904A 93905A	47.10 48.60 50.02	48.60 50.02	86 56	26.4 16.2	4060.0 2572.0	572.0 886.0 1492.0	-1-2% f. gr. clusters/blebs py, with tr irregularly distributed cp & sph. -1% f. gr. clusters py 0.50% sph. generally with py in calcite vein -tr dissemin. blebs cp -3-4% dissemin. blebs & masses, py, 0.5% f. gr. sph, tr f. gr. cp
			93906A 93907A 93908A 93909A	51.80 53.30 54.70 55.35	53.30 54.70 55.35 56.85	10 16 19 100	2.4 3.8 2.4 14.4	142.2 281.0 322.8 224.0	2236.0 3920.0 1128.0 3136.0	

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole # : 88-1
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From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Cu ppm	Zn ppm	Sample Description.
40.60	44.05	Felsic-Dacitic Lapilli Tuffs - Med. grey, fragments are subangular, sericitic wisps throughout; irregularly distributed, disseminated, blebs of py of 5% and lesser amounts of sp; angle to c.a. is 50o to 60o	93910A 93911A 93912A 93913A 93914A 93915A	56.85 59.37 60.87 62.37 70.10 71.70	57.50 60.87 67.37 63.87 71.70 73.20	20 53 68 35 29 15	3.2 3.6 4.6 3.6 2.0 2.4	167.4 244.4 287.0 207.2 198.6 99.9	2096.0 720.0 452.0 2616.0 1888.0 2440.0	-1% dissemin. py, tr f. gr. blebs cp -tr cp & py -0.25% py, tr sph. -0.5% py blebs; tr sph. is assoc. w. py -0.25% dissemin. blebs of py, tc sph. & cp -dissem py 0.5% in core, 0.5% sph. 0.5% -dissem py 0.5% in calcite blebs veins to py tr cp in calcite clusters py, 0.25% -0.5-1% dissemin. f. gr. sph. -as above -tr dissemin py -dissem blebs py 2%, sph, 1% tr cp -0.5-1% dissemin py 0.25-0.5% sph. tr cp -as above -as above -calcite veins filled with dissemin. sph. 2% - 0.5% cp, tr py -0.5% dissemin sph. 0.5% dissemin py -tr f. gr. py & sph. ? -tr-0.25% dissemin sph. in calcite vein tr dissemin. py -dissem cp fills band, lcm wide (4% calcite) tr sph. -0.5% dissemin. clusters py, 0.25% f.gr. sph.
44.05	51.80	Felsic-Dacitic Ash Tuff - Med. grey, aphanitic; sericitic in places. Rhyolitic intervals; 46.60-47.05m; 47.56-48.57m; 49.86-50.15m	93916A	73.20	74.70	13	2.4	109.2	327.4	
51.80	59.60	(Generally there exists a narrow lapilli tuff interval above the rhyolite) Agglomerate - Subrounded more felsic fragments up to 5cm x 3cm stretched out parallel to foliation at 50o to c.a.; irregular dissemin. py, po & cp to 1% locally also dissemin. f. gr. reddish brown f. g. blebs sphaerulite often within calcite veins	93917A 93918A 93919A 93920A 93921A 93922A 93923A	74.70 75.90 76.90 99.70 101.20 102.70 104.20 105.50 106.15	75.90 76.90 101.20 102.70 104.20 105.50 106.15	6 12 9 12 13 6 81	3.6 1.6 2.4 3.4 3.6 2.4 7.6	127.2 390.0 186.4 485.2 397.2 208.0 1104.0	574.8 946.0 4086.0 3704.0 2088.0 3716.0 14040.0	-as above -tr dissemin py -dissem blebs py 2%, sph, 1% tr cp -0.5-1% dissemin py 0.25-0.5% sph. tr cp -as above -as above -calcite veins filled with dissemin. sph. 2% - 0.5% cp, tr py -0.5% dissemin sph. 0.5% dissemin py -tr f. gr. py & sph. ? -tr-0.25% dissemin sph. in calcite vein tr dissemin. py -dissem cp fills band, lcm wide (4% calcite) tr sph. -0.5% dissemin. clusters py, 0.25% f.gr. sph.
59.60	66.70	Andesite-Dacite Tuff - Intercalated with coarser lapilli tuff intervals; 57.50-58.50m; rhyolitic; qtz filled stretched out vesicles; negligible mineralization. -chlorite content sometimes quite high; approaching andesite composition -some narrow more felsic intervals approach rhyolitic composition	93924A 93925A 93926A	106.15 107.65 110.60	107.65 109.15 111.00	7 (5) 11	2.2 1.8 2.0	160.4 87.4 80.2	4900.0 2600.0 4652.0	
66.70	69.60	Dacite - Massive; weakly porphyritic with feldspar phenocrysts almost completely obliterated, similar to 19.93-40.60m; negligible mineralization lower contact is gradationally more felsic Rhyodacite to Dacitic Tuff Minor agglomerate (felsic subrounded fragments) 0.5% dissemin py blebs.	93927A 93928A 93929A 93930A 93931A 93932A 93933A 93934A 93935A 93936A 93937A	113.69 117.65 119.15 120.65 122.15 122.90 131.23 132.73 134.23 146.25 147.75 149.25 151.05 152.30	114.34 219.15 120.65 122.15 122.90 132.73 134.23 147.75 149.25 151.05 152.85	15 14 14 13 7 56 46 17 32 106 20	4.9 4.6 4.4 5.0 2.0 1.5 1.2 1.6 3.4 4.4 1.8	792.2 584.0 640.0 158.2 147.0 141.0 149.6 162.8 282.2 634.0 355.2	1800.0 1892.0 4220.0 5984.0 4812.0 2192.3 1260.0 620.0 386.0 580.0 3920.0	tr dissemin. py -dissem cp fills band, lcm wide (4% calcite) tr sph. -0.5% dissemin. clusters py, 0.25% f.gr. sph. -f. gr. py, 0.5% f. gr. sph, tr cp -0.5% py, 0.25% sph. tr cp -0.5% py, tr sph, -up to 1% f. gr. clusters of py -as above -tr dissemin cp -as above -as above -as above -1% py blebs; 0.25% sph. & assoc. cp in calcite veins

88-05 Sludge Samples

<u>No.</u>	<u>Depth (ft.)</u>	<u>Au(ppb)</u>	<u>Ag(ppm)</u>	<u>Cu (ppm)</u>	<u>Zn (ppm)</u>
1.	17-27	13	(1.0	94.1	476.1
2.	27-37	15	1.2	95.0	908.5

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 88-06
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Job: Beardmore, N.T.S. Property: Miron (Kent) Twp./Prov.: Rickaby Location: Latitude: 3+08 N Departure: 15+00 W Elevation: _____		Drilled By: Motherlode Commenced: February 13, '88 Completed: February 15, '88 Length: 212.73m Logged By: S. M. Pudifin Date: March 21, 1988		Core Location: Beardmore Core Size: BQ Remarks: _____ Claim No: 646762		Tests: @ Collar: 200' 400' 700'		Dip -600 -600 -520 -46.50		Asimuth 3500	
From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Cu ppm	Zn ppm	Sample Description	
0	3.80	Casing	93939A	9.58	10.88	17	(1.0)	113.8	540.0	-f. gr. disse. py up to 0.5%, tr sph	
3.80	12.70	Dacite - Med. grey; f. gr. to aphanitic; soft; almost is tuffaceous, stretched and f.gr. altered feldspar phenocrysts(.); occasional qtz-calcite wisp; minor greenish sericite along fractures; 0.25% f. gr. disse. py; tr cp.	93940A 93941A 93942A 93943A	10.88 12.70 14.20 24.40	12.23 14.20 15.70 25.90	40 30 21 24	2.0 1.2 (1.0) 1.6	264.6 15.8 13.8 148.4	480.0 80.0 46.0 860.0	-as above -0.5% disse. py -as above -0.5% f. gr. py, tr cp & tr. fgr. sph. in calcite veinlets	
12.70	20.60	Feldspar Porphyry - Med. grey aphanitic-porphyratic; subrounded qtz. and feldspar phenocrysts up to 1.5cm in diam., feldspar sometimes zoned and have pink- ish tinge, carbonatized; white cloudy qtz @ 14.18-14.48m (local brecciation of porphyry) from dilation of qtz-calcite vein subparallel to c.a.; vuggy in places within the vein.	93444A 93945A 93946A 93847A 93948A 93949A 93950A 93951A 93637 93638 93639	25.90 26.90 28.80 30.30 31.80 33.30 34.80 36.70 45.15 46.45 47.71	26.90 28.80 30.30 31.80 33.30 34.80 36.20 37.70 46.45 47.71 49.04	19 18 26 48 45 70 58 31 30 18 20	6.8 4.7 9.8 15.8 15.9 32.2 18.8 9.6 5.8 4.6 4.4	968.0 690.2 1478.0 2400.0 2535.3 4328.0 2784.0 1304.0 281.0 153.6 682.1	210.0 209.8 400.0 840.0 1333.3 1760.0 1580.0 1620.0 2838.0 1815.8 1967.2	-0.25% f. gr. disse. cluster of py -0.25% f. gr. py & cp, tr po -0.25% disse. py, 0.75-1% blebs cp -1% py, 1% cp -2% py, 1-2% cp; tr. disse. po -3-2% cp, 1% py, tr po -cp (up to 5% locally); 3% py -2% py, 0.5% cp -1% sph; 0.5-1% py, 0.25% cp tr po -similar to above 0.5% sph. -0.5% py, tr sph.	
20.60	26.90	Dacite Similar to 3.80-12.70m; f. gr. disse. py especi- ally along fractures; f. gr. light brown spherulite within calcite vein.	93640 93641 93952A 93953A 93954A 93955A	49.04 50.16 50.92 52.22 53.70 54.91	50.16 50.92 52.22 53.70 54.91 57.00	13 18 28 54 45 62	3.7 5.0 3.7 4.9 6.8 17.0	539.3 732.8 76.6 192.0 460.0 1798.0	677.5 1446.2 382.9 380.0 244.0 660.0	-0.5% py, 0.25% po, 0.25% cp -tr py & cp -0.25% py & cp -0.5% cp, 0.25% py -1% op tr py, tr sph.	
26.90	28.80	Altered Tuff - Silicified dacitic tuff; soft light grey	93956A 93957A 93958A	55.65 72.25 73.75	57.00 73.75 74.75	45 45 39	6.0 4.2 12.4	381.4 205.6 634.0	362.0 1850.0 9400.0	-1% f. gr. blebs cp, 0.25% py -0.5-0.25% py, 0.25% cp -qtz-calcite lense; 3% f. gr. py, 1% sph, tr cp	
28.80	37.70	Mineralized Dacitic to More felsic tuff Light to med. grey; f. gr.; sericite is common Mineralization consists of irregularly distri- buted py & cp blebs and also fracture coatings; tr po also associated with cp 36.20-36.70m; light grey aphanitic homogeneous massive ash tuff (structurless)	93959A 93960A	77.95 79.45	79.45 80.95	20 21	4.2 6.0	287.2 686.0	322.0 586.0	40.5% cp, 0.25% py -similar to above	

88-06 Sludge Samples

<u>No.</u>	<u>Depth(ft.)</u>	<u>Au(ppb)</u>	<u>Ag(ppm)</u>	<u>Cu(ppm)</u>	<u>Zn(ppm)</u>
1.	7-17	ins. samp.	21.4	228.8	304.4
2.	27	8	9.2	255.7	446.1
3.	37	6	7.2	216.4	926.7
4.	47	8	13.0	203.0	470.0
5.	57	21	19.2	141.2	148.9
6.	67	(5	10.0	90.7	143.9
7.	77	6	9.6	109.2	274.3
8.	87	8	6.6	52.5	746.0
9.	97	13	37.8	291.1	382.1
10.	107	20	22.2	2051.0	921.7
11.	117	37	40.2	3988.8	2977.7
12.	127	21	24.8	1680.0	2877.4
13.	137	8	15.5	404.1	524.8
14.	147	(5	44.2	453.4	309.5
15.	157	91	44.4	3318.8	98.7
16.	167	49	40.0	1485.0	1049.9
17.	177	23	47.6	868.9	1935.4
18.	187	17	22.4	700.8	1673.0
19.	197	21	26.2	1144.0	1171.2
20.	207	43	33.7	3395.2	1345.0
21.	217	34	20.4	752.3	635.6
22.	227	28	6.8	301.0	535.3
23.	237	12	6.0	385.5	434.9
24.	247	19	7.2	535.8	575.4
25.	257	45	14.8	803.8	3379.2
26.	267	29	12.6	1669.6	2977.8
27.	277	64	12.4	2182.6	1443.4
28.	287	43	13.3	2344.3	1246.6
29.	297	53	17.3	3375.0	820.0
30.	307	49	13.0	1527.1	821.3
31.	317	66	17.2	1161.8	826.3
32.	317-327	48	12.0	756.0	600.5
33.	337	22	10.2	528.8	384.7
34.	347	60	22.2	796.9	662.5
35.	357	40	13.3	558.2	495.3
36.	367	15	9.0	410.8	570.4
37.	377	26	9.2	1523.0	857.3
38.	387	55	14.0	2947.4	806.3
39.	397	56	14.6	2882.5	801.2
40.	407	95	27.1	6138.9	754.7
41.	417	91	20.8	3421.0	791.2
42.	427	51	13.9	2160.3	549.4
43.	427-437	25	7.6	1310.7	264.3

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 07
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Job: <u>Beardmore</u> N.T.S. Property: <u>Miron (Kent)</u> Twp./Prov.: <u>Rickaby</u> Location: Latitude: <u>3+43 N</u> Departure: <u>16+00 W</u> Elevation: _____		Drilled By: <u>Motherlode</u> Commenced: <u>February 15, '88</u> Completed: <u>February 18, '88</u> Length: <u>211.28m (697.44)</u> Logged By: <u>S. M. Pudifin</u> Date: <u>Feb 20-27, '88</u>		Core Location: <u>Beardmore</u> Core Size: <u>BQ</u> Remarks: _____ Claim No: <u>TB 646762</u>		Tests @ Collar: _____ 200' _____ 400' _____		Dip _____ Azimuth <u>1350</u>		
From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Cu ppm	Zn ppm	Sample Description
0	2.13	Casing -	973607A	27.45	27.65	43	9.2	897.9	806.2	-c. gr. lapilli tuff; qtz and/or feldspar crystals; approx. 1% dissem. cp blebs
2.13	2.83	Rhyodacitic Tuff - Med. to light grey, aphanitic to f. gr.; qtz & black mafic blebs are aligned parallel to foliation; occasional f. gr. traces of py; thin veinlets of calcite generally at a high angle to c.a. moderately carbonated.	973608A 93609A 93610A	26.65 28.30 30.59	28.30 28.55 31.29	68 187 197	12.0 38.4 37.8	3086.5 5433.3 5609.3	397.4 192.9 196.7	-f. gr. tuff intercalated with v. nar-row coarser zones, 0.5% dissem. cp -c gr. similar to 93607A but with 4-5% cp -m. gr. lapilli interchanged with f. gr. tuff; approx. 0.5% cp 0.25% 0.5% py dissem.
2.83	3.53	Rhyodacite to Dacite - Med. grey f. gr. to aphanitic; v. f. gr. ghost feldspar phenocrysts; massive; moderately carbonated	93611A 93612A	31.29 32.00	31.69 32.62	470 47	33.4 10.2	5081.3 1795.7	192.9 2156.5	-fractured tuff, carbonatized sericitic 0.25% cp, 0.25% py -similar to above, but no fract.; coarser frag. approx. 0.5% py -0.25% f. gr. blebs of cp; tr dias py cubes
3.53	5.18	Rhyodacitic Tuff - Similar to 2.13-2.83m; well defined foliation from alignment of minerals. At 3.55m; 350 to c.a.; 4.80-5.07m @ 250 to c.a.	93613A 93614A	38.58 42.30	39.88 42.75	39 100	8.8 30.8	1033.0 5022.6	476.9 692.7	-massive lens (blebs) of cp replacing calcite-filled fract. & dissem cp blebs
5.18	5.25	Rhyodacite - Similar to 2.83-3.53m; lower contact @ 200 to c.a.	93615A 93616A	45.05 46.51	45.25 46.72	18 144	3.6 25.9	149.7 5211.7	249.7 790.4	-lapilli tuff; with diss. f. gr. cp up to 0.75% -1-2% f. g.r dias. cp and f. gr. blebs of cp parallel foliation; sheared @ 450 to c.a.
5.25	14.45	Rhyodacite Tuff to Lapilli Tuff - Similar to 2.13-2.83m; tuff fragments are darker than groundmass and up to 0.5cm diam. Foliation is poorly defined from alignment of fragments; 5.30-5.60 @ 420 to c.a.; 13.55-14.00m @ 300 to c.a.	93617A	47.72	48.17	148	15.8	2382.4	393.6	-approx. 1% py, approx. 0.25% f. cp along fractures @ 120 to c.a.

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DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 88)
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From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Cu ppm	Zn ppm	Sample Description
14.45	15.30	Calcite veinlets crosscut foliation Carbonatized	93618A	48.17	48.32	968	643.1	78114.3	5048.5	interconnected massive bleb of cp & po in equal proportion approx. 50% of interval
15.30	18.43	Rhyodacite - (Tuff) - Darker grey with more felsic subrounded fragments towards base of interval up to 1.0cm diam.; moderately carbonatized	93619A	48.32	49.70	67	15.2	2558.4	446.6	-tr py, approx. 0.25% v. f. gr. diss. cp in upper half; 0.25% po & more cp in lower 1/2
15.30	18.43	Rhyodacitic (Tuff?) to Lapilli Stone - f. gr. grading into c. gr. fragmental. From 18.36-18.43m: Interval hosts elongated sub-rounded rhyolitic tuff fragments up to 3cm x 1.0cm in size; @ 50-55 to c.a.	93620A 93621A 93622A	49.70 49.90 50.30	49.90 50.30 50.36	676 70 221	181.2 12.4 102.3	30,579.9 2300.7 21,054.5	3178.7 386.0 2073.6	massive cp & po bleb cp replacing po? f. gr. diss. py & cp gen. along fract. massive band of po and cp approx. 1cm wide @ approx. 60 to c.a.
18.43	26.35	Rhyodacite to Dacite (Tuff.) - f. gr.; moderately chloritic especially along fractures; occasional calcite wisps and veinlets common; generally massive -can easily be scratched -tr f. gr. diss. py, cp, # galena?	93623A 93624A	50.36 52.01	52.01 52.26	37 24	7.0 6.0	1150.3 739.6	355.7 2535.1	-tr f. gr. py, cp qtz calcite veinlets with f. gr. 0.25% diss. reddishbrown sph. and 0.5% py
26.35	32.62	Lapilli Tuff - Rhyodacitic Tuff - 26.35-26.69m; fragmental; agglomerate of lighter grey rhyodacitic tuff fragments up to 5cm x 2cm; elongated @ approx. 400 to c.a.; coarse fragmental grades into finer grained tuff; more abundant dissem. blebs of cp & py are assoc. with coarser lapilli tuff (see sample description)	93625A 93626A 93627A	52.26 64.78 65.50	53.30 65.50 66.00	15 37 233	3.7 11.0 32.2	320.5 1091.7 2680.8	419.3 982.9 3747.4	f. gr. diss. traces of py & cp? minor thin irregular fractures (carbonatized) with approx. 0.5% f. gr. py tr cp
26.35	32.62	Angle to core axis: 26.69m @ 400 to 27.65m @ 450; 29.50m @ approx. 400; 30.65m @ approx. 350 -carbonatized.	93628A	66.00	67.35	46	14.4	2374.3	3103.0	approx. 4% f. gr. py, tr cp, in core of calcite & sericite
32.62	38.28	Dacitic to Rhyodacitic Tuff - med. grey; generally fine grained massive with thin coarser grained intervals (usually with a more gradational lower contact) carbonatize.	93629A	67.92	69.33	42	7.5	882.8	2728.8	-silicified with wisps of qtz-carbonate # chl. sericite; approx. 1% f. gr. py, tr cp tr galena
32.62	38.28		93630A	69.33	70.81	22	4.4	402.3	677.5	f. gr. diss. py throughout: interval (up to 0.5%)
32.62	38.28		93631A 93633A	72.26 74.50	73.71 76.46	8 19	(1.0 9.0	76.8 796.8	140.5 2497.3	-similar to above "spotted"; tr diss. po, diss. oxidized cubes py; tr speck silvery mineral arsenopyrite(?)
32.62	38.28		93632A	73.71	74.50	12	3.4	351.4	389.8	

GREATER TEMAGAMI MINES LIMITED
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Hole #: 8f
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From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag. ppm	Cu ppm	Zn ppm	Sample Description.
38.28	38.43	Rhyolitic Tuff - Light grey, aphanitic, with dark grey spherical fragment (could be stretched out amygdulose); foliation @ 500 to c.a.	93634A 93635A 93636A 93676A	78.30 79.30 85.20 89.38	79.30 80.77 86.25 90.55	10 11 13 10	5.0 3.8 4.1 5.9	613.6 290.7 458.8 880.7	582.9 102.4 222.5 2231.2	-0.25% blebs py, tr cp. -approx. 0.25% diss. f. gr. py, tr cp. -0.5% diss. f. gr. clusters py -intensely sericitized; approx. 1% py diss. clusters and blebs -up to 2% f. gr. py, diss. blebs & assoc. with calcite stringers -similar to above -massive bond of py, cp. -blebs & fracture coatings of cp, py + po + tr sphalerite
38.43	43.00	Dacite to Rhyodacitic Tuff - Similar to 32.63-38.28m with narrow intervals (such as 40.70-40.85m) of lighter grey felsic tuff; lower contact is generally gradational. -qtz calcite vein (3cm wide) @ 700 to c.a. @ 41.76m	63677A 63678 63679 63680	93.25 93.60 94.85 94.95	93.60 94.85 94.95 96.55	84 112 102 27	18.8 43.0 121.6 16.5	3848.9 3610.0 50390.2 3304.2	2419.4 1107.4 3532.5 545.4	3848.9 3610.0 50390.2 3304.2
43.00	46.95	Rhyodacitic Tuff to Lapilli Tuff - Slightly lighter grey coloured than 38.43-43.00m; more abundant sericite and calcite; soft; foliation is well defined in coarser lapilli intervals; 4.80 @ 400 to c.a.; minor blebs of diss. cp along chlorite-carbonate wisps or fractures.	63681 93682A 93683A 93684A	96.55 106.90 107.95 110.20	97.75 107.95 109.45 110.70	27 11 5 8	22.2 11.3 4.9 7.6	4894.1 1347.5 369.1 919.5	1403.8 295.8 219.5 201.9	-blebs of cp with po, masses of f. gr. py -lapilli tuff - lenses of cp, po tr sphalerite? -f. gr. diss. po, py + cp -mainly c. gr. py cubes with minor po surrounding cp blebs. -approx. 3% f. gr. - m. gr. py along chl. & calcite fractures. -dacite with pyritic fracture @ 100 to c.a.
46.95	53.30	Rhyodacitic Lapilli Tuff - Mineralized, med. grey; f. gr. -c. gr.; more felsic frag. from 1mm to 4mm in diameter; Zone is mineralized with f. gr. and massive blebs of pp, cp with irregular dissemination of py and minor f. gr. diss. of reddish brown sphalerite associated with f. gr. py in qtz-calcite wisps (see sample description). Angle to core axis: 50.90m: 380 to c.a. Lower contact is @ 600 to c.a.	93685A 93686A 93687A 93688A 93689A	113.00 116.65 118.00 120.55 121.92	113.70 117.35 119.45 121.30 122.53	5 19 5 27 21	(1.0 9.3 3.2 5.8 7.6	54.4 430.3 483.3 821.5 1155.9	108.1 700.1 1257.2 973.8 4189.2	-blebs of cp with po, masses of f. gr. py -lapilli tuff - lenses of cp, po tr sphalerite? -f. gr. diss. po, py + cp -mainly c. gr. py cubes with minor po surrounding cp blebs. -approx. 3% f. gr. - m. gr. py along chl. & calcite fractures. -dacite with pyritic fracture @ 100 to c.a.
53.30	58.16	Tuff & Lapilli Tuff: Rhyodacite to Dacite - Upper 10cm consist of c. lapilli fragments 54.35-54.65m; amygdaloidal, light grey rhyolite; gradational upper & lower contacts; amygdulose elongated @ approx. 350 to c.a.	93690A 93691A 93692A	122.53 123.23 123.63 126.68	123.23 123.63 127.83	5 70 10	7.9 19.2 5.2	471.1 3143.2 550.5	4306.4 4804.9 2693.8	0.25% py; tr cp; tr sphalerite -fracture filled with py and f. gr. sphalerite up to 2% -webs of cp, surrounded by py up to 5% -diss. f. gr. py to approx. 2% with calcite veinlets filled with f. gr. sph.

GREATER TENAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 9-07
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From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Cu ppm	Zn ppm	Sample Description.
75.56	77.26	Dacitic Lapilli Tuff - Agglomeratic in upper 45cm; f. gr. diss. pods and blebs of py	93717A	166.87	168.00	11	1.3	126.4	2607.8	-approx 1% sph. esp. around qtz frag. & as dissem. blebs; 1% py as fracture fill.
77.26	78.30	Dacite - dark gray; aphanitic, massive	93718A	168.00	169.54	5	(1.0)	45.8	1480.0	-similar to above
			93719A	169.54	171.02	9	(1.0)	28.9	1450.0	-as above, no cp
			93720A	171.02	172.47	10	(1.0)	50.2	1690.0	-as above
78.30	86.25	Dacitic Lapilli Tuff - Similar to 75.56m; approx. 350 to c.a.	93721A	172.47	173.81	14	(1.0)	105.8	1700.0	-as above
			93722A	173.81	175.25	9	(1.0)	125.8	1696.0	-as above
86.25	90.55	Rhyolitic Lapilli Tuff - Light gray; fragments are stretched out parallel to foliation @ approx. 40°; intensely sericitized; tr diss. f. gr. py, often observed along calcite veinlets; fragments are up to 4cm x 1cm (agglomeratic).	93723A	175.25	176.75	5	(1.0)	55.8	2110.0	-approx. 1% py, approx. 0.75% sph. with occasional tr po.
			93724A	176.75	178.20	5	(1.0)	111.4	3140.0	-1% sph, 0.5% py, tr-0.25% diss. po blebs
			93725A	178.20	179.65	9	(1.0)	138.2	2730.0	-as above
			93726A	179.65	181.17	5	(1.0)	65.2	1904.0	-as above
			93727A	181.17	182.62	20	(1.0)	1.4	396.0	-as above
90.55	93.25	Dacitic Tuff - Sericitized, carbonatized.	93728A	182.62	184.07	5	(1.0)	88.9	646.0	-0.25% tr py, tr sph.
			93729A	184.07	185.61	6	(1.0)	(1.0)	162.0	-tr diss. py
			93730A	185.61	187.03	9	(1.0)	14.6	89.0	-tr diss. py
93.25	97.75	Dacitic to Andesitic Lapilli Tuff - Similar to above but more mafic narrow intervals; approx. 1% f. gr. disseminated clusters of py, cp; angle to c.a. = 42°. Massive chalcopyrite and pyrite in equal proportions from 94.85-94.95m.	93731A	187.03	188.50	8	(1.0)	78.9	280.0	-as above
			93732A	188.50	189.98	6	(1.0)	55.8	452.0	-as above
			93733A	189.98	191.38	8	(1.0)	63.9	388.0	-as above
			93734A	191.38	192.84	9	1.0	25.4	34.0	-as above
97.75	102.43	Andesite? (Mafic Dyke) - Black to dark grey; f. gr. to sphanitic; strongly chl.; carbonatized; weakly porphyritic (feldspars up to 2mm x 1mm); tr diss. py	93735A	192.84	194.28	15	1.2	39.0	288.0	-approx. 0.25% py, tr sphalerite
			93736A	194.28	195.57	10	1.0	23.2	60.0	-tr py
			93737A	195.57	197.26	5	(1.0)	45.4	68.0	-0.5% py tr po
			93738A	197.26	198.78	5	(1.0)	20.0	40.0	-tr py
			93739A	198.78	200.25	9	1.6	21.4	92.0	-0.25-0.5% diss. py
102.43	115.20	Dacitic Lapilli Tuff - Grades into ash tuff; sericitic; chloritic. -thin more mafic intervals (<10cm); abundant blebs of sulphides; po up to 2% often auriferous; cp; minor py also present. Foliation: 106.20m @ 40° to c.a.; 107.70m @ 30° to c.a.	93740A	204.20	204.45	5	2.0	12.6	110.0	-tr galena, po, cp in calcite vein.

88-07 Sludge Samples

<u>No.</u>	<u>Depth (ft)</u>	<u>Au(ppb)</u>	<u>Ag(ppm)</u>	<u>Cu(ppm)</u>	<u>Zu(ppm)</u>
1.	7-17	89(au)	88.6	1083.4	765.9
2.		28	35.0	328.8	374.7
3.		41	10.6	117.0	143.9
4.		132	11.4	125.0	146.0
5.		12	45.6	268.8	174.0
6.		18	20.2	241.2	269.0
7.		26	9.6	137.8	323.1
8.		35	12.7	199.1	273.4
9.		126	24.8	2363.0	525.2
10.		234	55.6	2452.3	249.3
11.		150	8.4	661.6	820.0
12.		21	5.0	1153.7	339.6
13.		24	8.8	383.6	711.7
14.		31	13.5	937.7	553.3
15.		50	13.5	1839.3	554.3
16.		364	89.6	9102.4	836.5
17.		199	28.4	2447.0	766.1
18.		218	12.4	823.8	871.5
19.		245(au)	10.6	601.8	766.1
20.		82	24.8	715.4	590.5
21.		85	27.6	2095.2	1037.2
22.		204	82.8	3109.7	4148.5
23.		250	30.8	1478.4	3144.9
24.		33	53.5	2324.7	1312.1
25.	247-257	115(au)	74.8	2354.9	3445.9
26.	267-277	20	32.6	857.2	420.8
27.		29	12.0	508.8	321.6
28.		53	15.4	2066.4	370.6
29.	297-307	24	9.0	2168.9	414.8

No sludges after 307'

GREATER TEMAGANI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: B1
Page No: 1 of 5

Job: Beardmore Property: <u>N.T.S.</u> Twp./Prov.: <u>Wiron (Kenty)</u> Location: Latitude: <u>3+43'N</u> Departure: <u>16+00 W</u> Elevation: _____		Drilled By: <u>Motherlode</u> Commenced: <u>February 19, 198</u> Completed: <u>February 22, 198</u> Length: <u>261.3m</u> Logged By: <u>S. M. Pudiffin</u> Date: _____		Core Location: <u>Beardmore</u> Core Size: <u>BQ</u> Remarks: _____ Claim No: <u>646762</u>		Tests: @ Collar: <u>-570</u> 250' <u>broken tube</u> 500' <u>-570</u> 857' <u>-570</u>		Azimuth 1350		
From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Cu ppm	Zn ppm	Sample Description
0	1.83	Casing	93981A	37.60	38.05	71	5.6	1472.0	378.0	-0.5% f. gr. cp & py within calcite vein subparallel to c.a.
1.83	5.20	Dacitic Tuff - med. grey; f. gr; foliation @400 to c.a.	93982A	38.05	39.05	40	6.6	758.0	328.0	-0.5% cp; 0.25% py
5.20	38.05	Dacite - med. grey; amygdaloidal (vesicles filled with qtz and/or calcite); weak foliation developed from elongation of amygdules @ 400 to c.a.; calcite veinlets porphyritic from, 21.90 - 28.75m tr. f. g. py & cp	93983A	40.96	42.46	33	6.0	862.0	324.0	-0.5% cp; 0.5% py tr. & po
			93984A	42.46	43.96	45	4.8	976.0	308.0	-0.5% py; 0.5% cp tr. po
			93985A	48.20	49.00	302	8.0	654.0	760.0	-2-3% cp; 1.2% po; 1% py
			93986A	49.00	49.80	419	78.6	2489.0	3020.0	-4-5% cp; 2-3% po; 2% py
			93987A	43.80	51.30	143	189.6	3038.0	3460.0	-1% finely dissem. cp tr. py
38.05	44.82	Amygdaloidal Felsic Volcanic (?) c. gr.; "blebby", shaped amygdules filled with calcite; approaching granodiorite; irregularly distributed blebs of cp & py; tr. po associated with cp	93988A	51.30	52.80	9	21.2	184.2	1580.0	-0.25% py; porphyritic tr. cp
			93989A	52.80	53.96	13	1.8	292.0	296.0	-as above
			93990A	53.96	54.16	1078	207.6	67980.0	4000.0	-50% cp & py
			93991A	54.16	55.66	58	12.7	715.4	209.6	-0.05% cp; 0.25% po (vein) tr. py
			93992A	55.66	56.66	31	5.6	1070.0	260.0	-0.2%-0.5% cp tr. py
			93993A	76.42	76.75	18	2.6	307.6	2020.0	-f. gr. dissem. cp, py, sph. 0.25% each within calcaceous zone
44.82	79.50	Dacite intercalated with Dacitic tuff - light to med. grey; m. c. gr.; porphyritic sections are common with stretched out feldspar phenocrysts to 5mm to 3mm; tr. purplish f. gr. qtz (eyes ?)	93994A	79.20	79.90	11	2.2	109.2	160.8	-chlorite; 0.2% py in banded unit
			93995A	98.45	90.95	65	12.2	1638.0	2560.0	-3% py; 2% cp tr. po
			93996A	94.20	95.30	50	14.2	1894.0	1400.0	-2% py (blebs & clusters) 1% cp (blebs
			93997A	95.30	96.40	78	23.2	3342.0	1760.0	-2% cp, 2% py, tr. sph.
			93998A	96.40	97.00	17	8.8	262.6	3180.0	-1% sph. (in calcite veinlets) 0.5% cp
			93999A	102.25	103.25	31	10.2	1848.0	244.0	-0.5% co; 0.5% po; 0.25% py
			94000A	103.25	104.50	31	11.6	1984.0	228.0	-1% cp; 1% py
			117501A	105.15	107.10	18	6.1	931.4	176.5	-0.25% cp; 0.25% py
			117502A	110.00	110.50	35	15.2	2076.0	284.0	-1% f. gr. cp; 0.25% py
			117503A	114.45	115.95	75	17.8	4870.6	823.5	-2% cp; 1% py; 0.25% sph.
			117504A	116.20	117.70	353	7.1	1407.8	568.6	0.5% cp; 0.50% py tr. sph. in calcite
			117505A	119.50	121.25	274	92.1	16192.3	1538.5	-5% cp; 2% po; tr. py (massive sulphide in calcite)

88-08 Sludge Samples

<u>No.</u>	<u>Depth (ft.)</u>	<u>Au(ppb)</u>	<u>Ag(ppm)</u>	<u>Cu (ppm)</u>	<u>Zn(ppm)</u>
1.	127-137	12	6.7	118.8	262.7
2.	147	26	10.6	900.0	390.0
3.	157	24	7.6	678.0	570.0
4.	167	162	63.0	9600.0	1456.0
5.	177	87	28.4	4140.0	500.0
6.	187	71	30.0	6580.0	644.0
7.	197	23	9.8	806.0	584.0
8.	207	20	5.1	303.9	268.6
9.	217	17	5.0	258.8	134.0
10.	227	22(au)	7.8	396.5	209.8
11.	237	22	7.8	396.5	209.8
12.	247	15	5.0	258.0	142.0
13.	257	26	8.0	364.8	480.0
14.	267	16	14.0	248.2	212.0
15.	277	10	4.8	191.2	210.0
16.	287	10	10.0	315.2	420.0
17.	297	11	10.4	631.4	405.9
18.	307	23	13.4	854.0	904.0
19.	317	65(au)	13.8	1310.0	922.0
20.	327	36	11.8	960.0	982.0
21.	337	15	6.6	578.0	608.0
22.	347	19	9.6	1218.0	380.0
23.	367-377	137	7.4	762.0	460.0
24.	387	45	13.6	2914.0	1540.0
25.	537-547	82	10.8	1428.0	1024.0
26.	557-567	11	4.7	279.2	329.4
27.	577	11	10.4	400.0	547.0
28.	587	8	11.0	242.8	644.0
29.	597	13	8.4	236.2	328.0
30.	607	(5	8.8	674.0	340.0
31.	617	12	10.8	217.8	230.0
32.	627	11	33.8	220.0	142.0
33.	637	196	13.5	240.4	146.2
34.	647	6	20.2	343.6	390.0
35.	657	27	15.8	171.2	126.0
36.	667	13	18.8	269.6	223.5
37.	677	12(au)	11.0	208.2	203.9
38.	687	37	14.2	186.7	211.5
39.	697	17	13.1	605.9	396.1
40.	707	19	17.0	654.0	964.0
41.	717	11	18.8	307.0	266.0
42.	727	16	19.6	554.0	440.0
43.	737	36	27.8	1082.0	610.0
44.	747	15	9.6	257.8	264.0
45.	757	9	10.6	267.2	294.0

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88-08 Sludge Samples contn'd.

<u>No.</u>	<u>Depth (ft.)</u>	<u>Au(ppb)</u>	<u>Ag(ppm)</u>	<u>Cu(ppm)</u>	<u>Zn (ppm)</u>
46.	767	10(au)	9.8	237.8	254.9
47.	777	21	11.9	342.2	290.0
48.	787	23	9.6	916.0	1130.0
49.	797	20	7.0	243.4	280.0
50.	807	26	8.8	634.0	738.0
51.	817	24	8.2	502.0	534.0
52.	827	22	17.2	630.0	690.0
53.	837	22	5.2	297.8	458.0
54.	847	18	6.4	386.2	492.0
55.	847-857	40(au)	10.2	390.8	484.0

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 88
Page No: 1 of 3

Job: Beardmore		N.T.S.		Drilled By: Motherlode		Core Location: Beardmore		Tests:		Dip		Azimuth	
Property: Miron (Kent)		Commenced: February 22, '88		Completed: February 23, '88		Core Size: BQ		@ Collar: 200'		-500		3500	
Twp./Prov.: Rickaby		Length: 185.06'		Logged By: S. M. Pudiffin		Remarks:		400'		510			
Location: Latitude: 3+00 N		Departure: 13+71 W		Date: March 26, 1988		Claim No: 646733		607'		500			
Elevation:										470			
From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Cu ppm	Zn ppm	Sample Description			
0	6.25	Casing	117527	14.60	14.92	21	7.1	735.3	1306.3	-1% py within calcite vein, 50 to c.a.			
6.25	8.42	Intermediate to mafic Lepilli Tuff Med. green, f. gr. more felsic Lepilli up to 0.5cm, strongly chloritic, minor calcite, angle to c. a. 420; negligible mineralization	117528	25.40	26.00	20	18.0	945.1	1313.7	-dissem. f. g. py within 3cm wide calcite seam			
8.42	14.60	Quartz-Feldspar Porphyry - Med. grey; c. gr. subrounded and square phenocrysts of feldspar and quartz up to 1cm in diam. generally massive; tr f. gr. py; Qtz-filled fracture @ 10.43 @ 150 to c.a.	117529	28.80	29.50	6	6.8	904.0	142.8	-0.25% dissem f. gr. cp tr py			
14.60	23.68	Dacitic (approaching Andesite) - Med. green to med. grey; weakly porphyritic feldspar phenocrysts up to 2mm diam.; generally massive; upper contact @ 450 to c.a.; chloritic randomly oriented calcite fractures, some with fgr. py cubes; calcareous; gradational contact into fragmental tuff	117530	30.35	31.85	5	2.5	315.7	115.3	-0.25% py, 0.25% cp (irreg. distrib.)			
23.68	48.66	Lepilli- Tuff - Similar to 6.25-8.42m; more mafic; amygdaloidal chloritic subrounded fragments up to 5cm x 4cm in diam. (fragment outline sometime obliterated) within more intermediate dacitic matrix; elongated fragments @ 35-500 to c.a.; minor calcite veins crosscut foliation; minor irregular distributed f. gr. cp and cubic py.	117531	37.32	38.82	4	2.4	171.0	444.0	-0.25% py, tr cp, often within calcite fractures			
			117532	42.20	43.20	4	1.6	55.1	173.7	-f. gr. dissem. py, 1% within calcite rich fracture			
			117533	50.30	51.55	4	1.8	160.6	99.6	-0.5% py, 0.25% cp, tr po			
			117534	51.55	52.15	6	2.0	254.8	1028.0	-3% po, 0.5% cp (assoc.) tr py			
			117535	52.15	53.45	4	1.4	109.0	105.1	-tr py			
			117536	53.45	54.95	8	3.8	640.4	92.5	-1% py, 0.25% sph; tr cp tr po			
			117537	54.95	56.45	18	1.0	166.2	84.0	-tr py, tr cp.			
			117538	56.45	57.95	46	2.0	912.0	182.0	-2% cp, 0.25% py			
			117539	57.95	58.95	22	12.8	1088.0	244.0	-5% cp, 1% po, tr py (stringer)			
			117540	58.95	60.45	29	5.8	3512.0	206.0	-2% cp, 1% po, tr py			
			117541	60.45	61.95	75	6.0	3736.0	182.0	-3% cp, 3% po			
			117542	61.95	63.45	73	9.0	4700.0	254.0	-as above			
			117543	63.45	64.95	21	3.4	1372.0	142.0	-2-3% cp, 2% po			
			117544	64.95	66.45	28	3.0	1340.0	88.0	-1% cp, 1% po, 0.5% dark blackish grey mineral (ag?)			
			117545	66.45	67.45	54	6.8	3348.0	168.0	-2% cp, 1% po, tr silvery black mineral			
			117546	67.45	69.00	57	8.8	3820.0	172.0	-as above			
			117547	69.00	70.30	9	2.0	382.8	94.0	-0.5% cp, tr py			
			117548	73.50	75.12	33	4.4	1024.0	780.0	-0.25% cp; 0.25% py, tr po			

All of which respectfully submitted.


W.J. Matthews, P.Eng.

Toronto, Ontario
May 17, 1988

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**GOLDTECK EXPLORATION PROGRAM,
BEARDMORE AREA, 1987-88**

**BY
W.J. MATTHEWS**

GOLDTECK EXPLORATION PROGRAM,

BEARDMORE AREA, 1987-88

SUMMARY, CONCLUSIONS AND RECOMMENDATIONS

A total of 28 holes were drilled by Goldteck Mines Limited in the Beardmore area of northern Ontario during the winter of 1987-88. The drilling was done on three different properties in Elmhirst and Rickaby townships and totalled 18,068 feet or 5,508.54 metres.

The properties were designated as:

1. The Wilkinson Lake Property

A mineralized zone up to 60 feet wide (>20m) was traced for approximately 600 feet (approx. 200m) with values in gold up to 0.709 oz/ton. The zone has been faulted. It is recommended that some overburden stripping and bulk sampling be carried out where the zone surfaces.

2. The Miron Elmhirst Property

Two east-west trending EM anomalies were intersected in four drill holes. The Southerly Anomaly was projected to surface and has a width of 70 metres of mineralization. It is recommended that this zone be further probed by more diamond drilling.

3. The Miron Rickaby Property

Three parallel east-west trending mineralized zones were intersected by five drill holes. It is recommended that some overburden stripping and bulk sampling be done where the widest and richest zone is projected to surface under ten feet of overburden. Stripping and bulk sampling of the other two zones would depend upon the results from the first stripping.

INTRODUCTION

Goldteck Mines Limited of Toronto carried out a diamond drilling program totalling 18,068 feet (5,508.54m) in 28 holes on three properties from November 17, 1987 until March 2, 1988. A total of 1171 core samples were assayed for gold, sometimes silver, sometimes copper and zinc; 961 sludge samples were also assayed.

The three properties were designated as:

- 1. Wilkinson Lake Property - 6 claims staked and owned 100% by Goldteck Mines Limited and located in Elmhirst township.**
- 2. Miron Elmhirst Property - 64 claims optioned by Goldteck Mines Limited from 745714 ONTARIO LIMITED and located in Elmhirst township.**

3. Miron Rickaby Property - 36 claims optioned by Goldteck Mines Limited from 745714 ONTARIO LIMITED and located in Rickaby township.

LOCATIONS AND ACCESS

The Elmhirst - Rickaby properties are located approximately 15km north of Jellicoe, which in turn is 30km east of Beardmore on Highway 11 in Thunder Bay district, Ontario.

The properties are serviced by an all-weather gravel road denoted as the Kinghorn road.

Page 3, a key map, shows the property locations.

HISTORY OF PROPERTIES

1. Wilkinson Lake Property

The Wilkinson Lake Property was prospected, sampled and drilled in 1978 and 1980 by Metalore Resources and by Dome Explorations. A total of 7,188 feet of drilling was carried out. A strong quartz vein structure striking NE and reaching widths of 50 feet were encountered and values up to 1.92 oz of gold per ton were assayed. The vein structure had a strike length of approximately 400 feet and appeared to be cut off at both ends by faults.

Biogeochemical assays from a survey completed in September 1987 seem to indicate an offset extension to the zone.

2. Miron Elmhirst Property

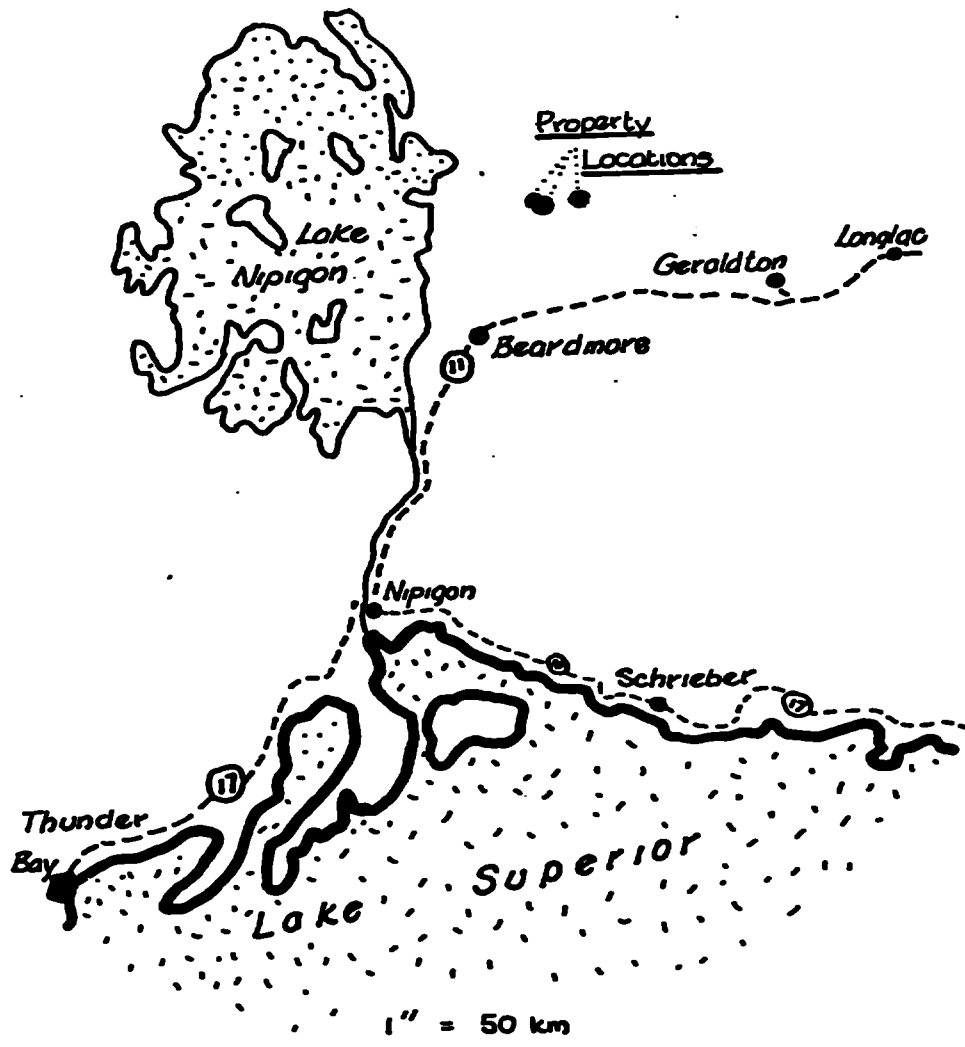
The Miron Elmhirst Property has two east-west trending EM anomalies outlined by geophysical work carried out in 1983.

Four drill holes intersected these in the winter drilling of 1988.

3. Miron Rickaby Property

The Miron Rickaby Property, also known as the Kenty property, was drilled in 1956 by Noranda Exploration, in 1971 by Philips Dodge and in 1974 by Rickaby Mines.

A total of 19,180 feet in 42 holes was drilled. The mineralization was mainly base metals containing up to 2.68% Copper, 2.84 oz. silver and gold up to 0.14 oz.



KEY MAP

The mineralization zone had been traced by the drilling for a strike length of 900 feet and appears to be open to the west.

SUMMARY OF DRILLING

The total drilling in the project was 18,068 feet or 5,508.54 metres. The drilling was commenced on November 17, 1987 and was completed on March 2, 1988.

The following is a breakdown of the drilling by properties.

1. Wilkinson Lake Property

total drilling: 11,122 feet or 3,390.85 metres in 19 drill holes designated as 87-1 to 87-19 inclusive.

Assays: 645 core samples were assayed for gold only.

500 sludge samples were assayed for gold only.

The cost of the drilling and assaying was approximately \$29.00/foot.

2. Miron Elmhirst Property

total drilling: 3,528 feet or 1,075.61 metres in 4 drill holes designated as 88-01 to 88-04 inclusive.

Assays: 215 core samples were assayed for gold and silver.

332 sludge samples were assayed for gold and silver.

The cost of the drilling and assaying was \$38.28/foot.

3. Miron Rickaby Property

total drilling: 3,418 feet or 1,042.07 metres in 5 drill holes designated as 88-05 to 88-09 inclusive.

Assays: 311 core samples were assayed for gold, silver, copper and zinc.

129 sludge samples were assayed for gold, silver, copper and zinc.

The cost of the drilling and assaying was \$29.55/foot.

ASSAY CONVERSIONS

Gold was assayed in parts per billion (ppb).

1g of gold = 981 ppb (at \$450.00 US gold, 1g is worth \$13.12US)

1 troy oz of gold/Mton = 34.3 g

Silver was assayed in parts per million (ppm).

1g of silver = .981 ppm

1 troy ounce of silver/Mton = 34.3g

Copper and Zinc were assayed in parts per million (ppm)
10,000 ppm = 1%

On the drill sections, the gold was quoted in ppb, the silver in ppm and the copper and zinc in percent.

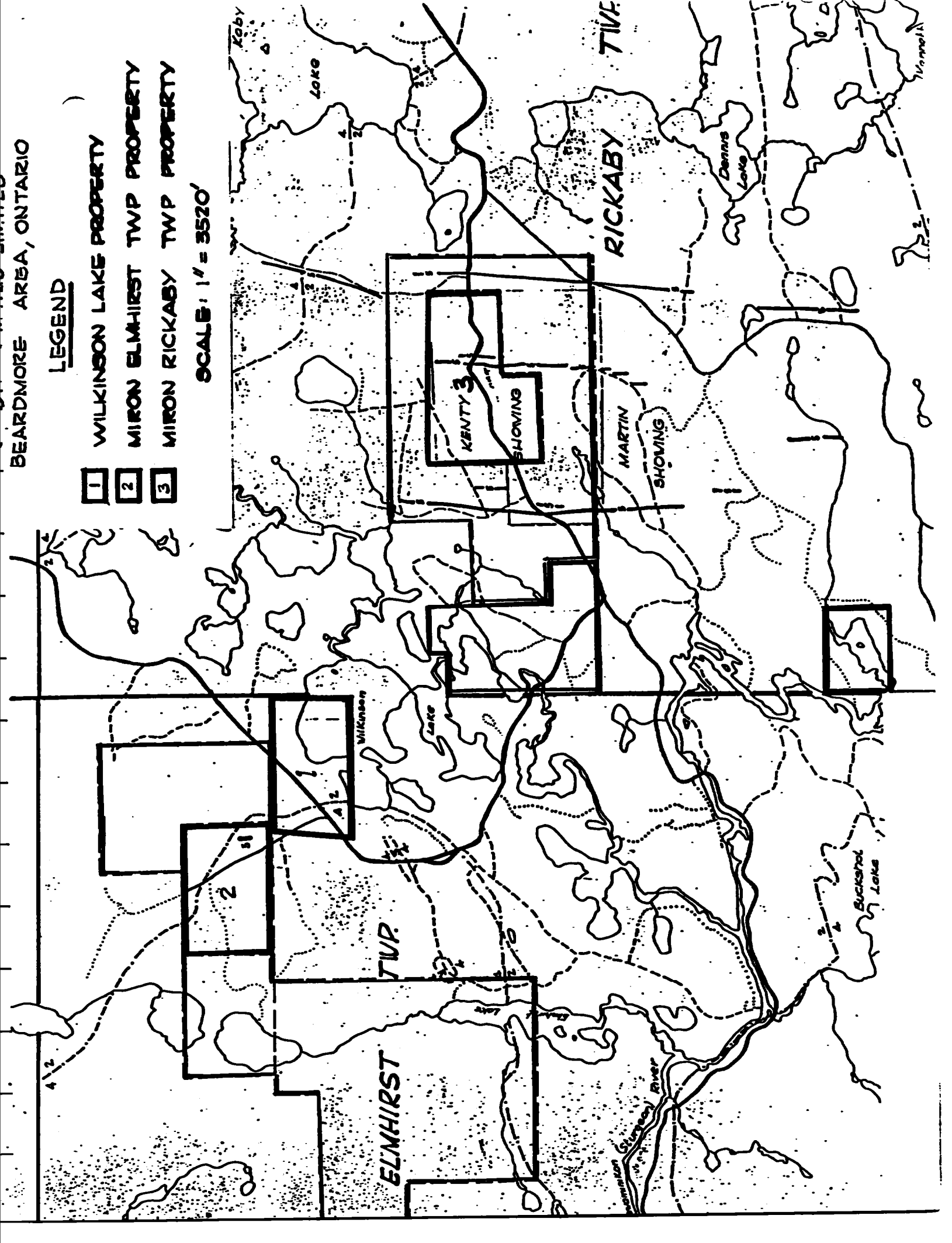
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BEARDMORE AREA, ONTARIO

LEGEND

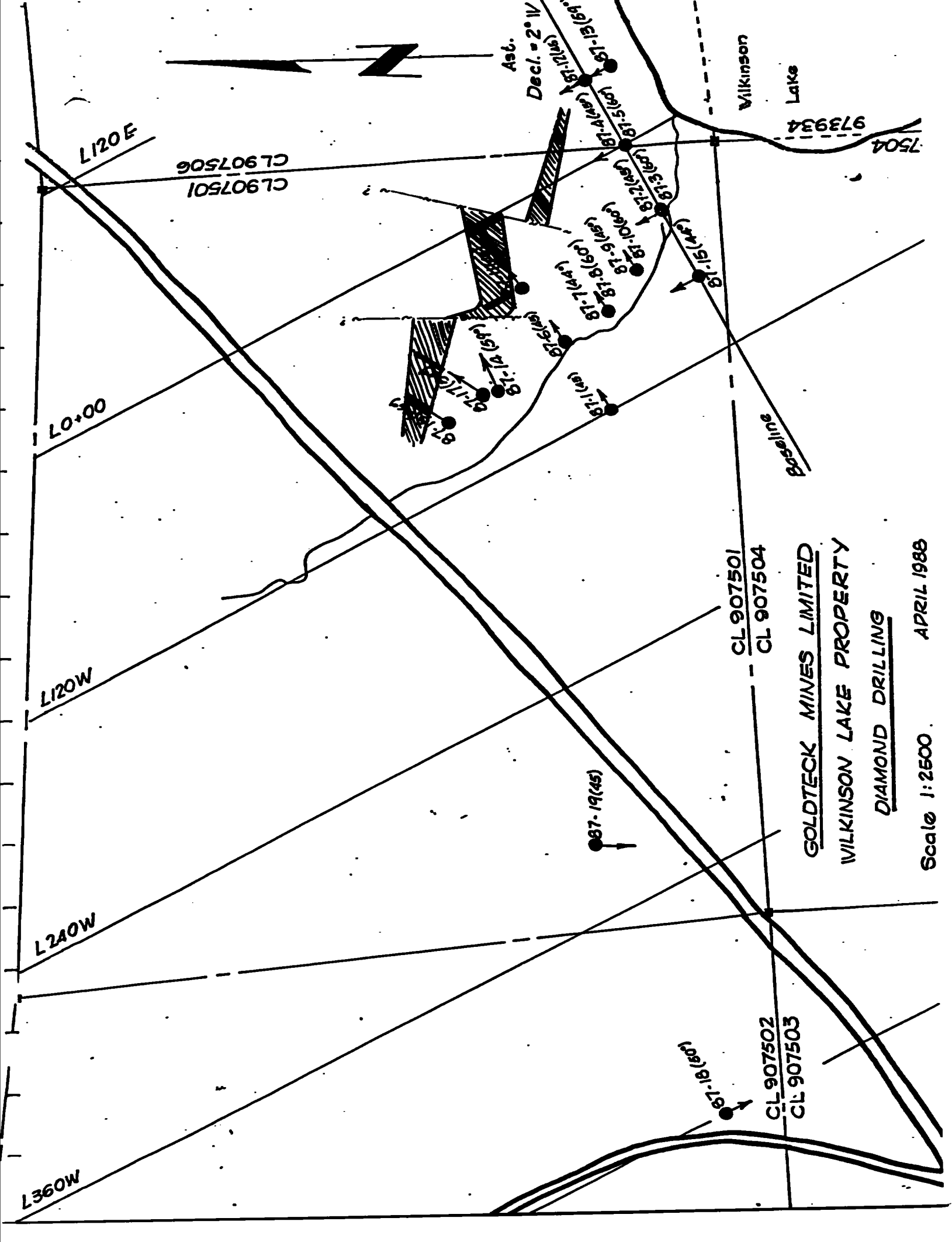
- 1 WILKINSON LAKE PROPERTY
- 2 MIRON ELMHIRST TWP PROPERTY
- 3 MIRON RICKABY TWP PROPERTY

SCALE: 1" = 3520'



DRILL RESULTS FROM THE WILKINSON LAKE PROPERTY

- a) **Drill hole location map**
- b) **Drill sections**
- c) **Drill logs**
- d) **Conclusions and recommendations**



L120E

CL 907501
CL 907506

L0+00

L120W

L240W

L360W

Decl. = 2° W

Wilkinson Lake

7504
973934

Baseline

CL 907501
CL 907504

GOLDTECK MINES LIMITED
WILKINSON LAKE PROPERTY

DIAMOND DRILLING

APRIL 1988

Scale 1:2500

87-19(45)

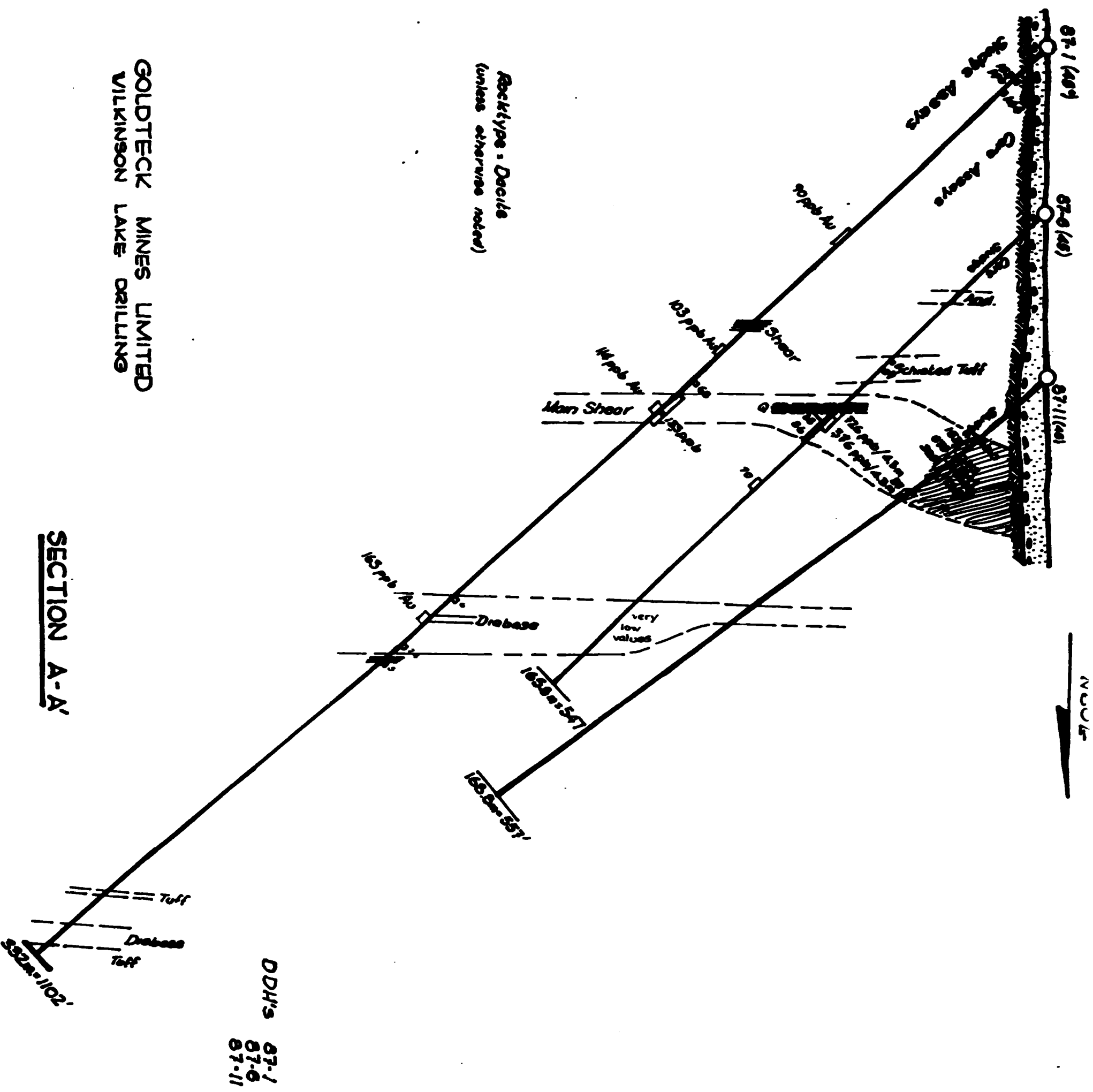
87-18(60)

CL 907502
CL 907503

87-1(6)
87-2(6)
87-3(6)
87-4(44)
87-5(6)
87-6(44)
87-7(44)
87-8(6)
87-9(6)
87-10(6)
87-11(6)
87-12(44)
87-13(6)
87-14(44)
87-15(44)
87-16(44)
87-17(44)
87-18(60)
87-19(45)

GOLDTECK MINES LIMITED
 WILKINSON LAKE DRILLING

Rocktype - Dacite
 (unless otherwise noted)



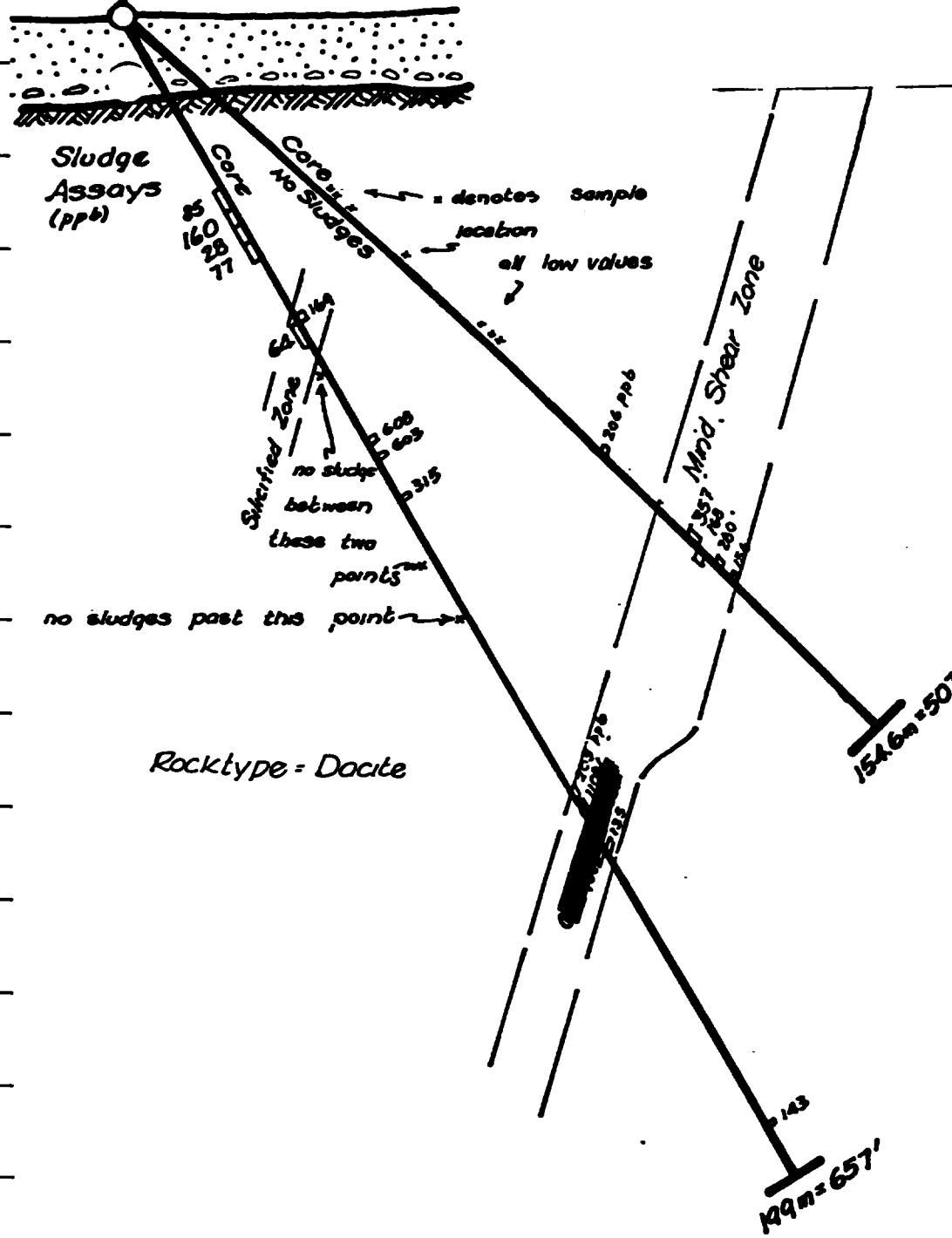
DDHs 97-1
 97-6
 97-11

SECTION A-A'

332m=1102'
 Tuff
 Drebase
 Tuff

N
 0
 5

87-3(60) 87-2(41)



Sludge Assays (ppb)

Core 80817

Core 80818

Sintered Zone

no sludge between these two points

no sludges past this point

denotes sample location all low values

Mid. Shear Zone

Rocktype = Dacite

154.6m = 507'

149m = 657'

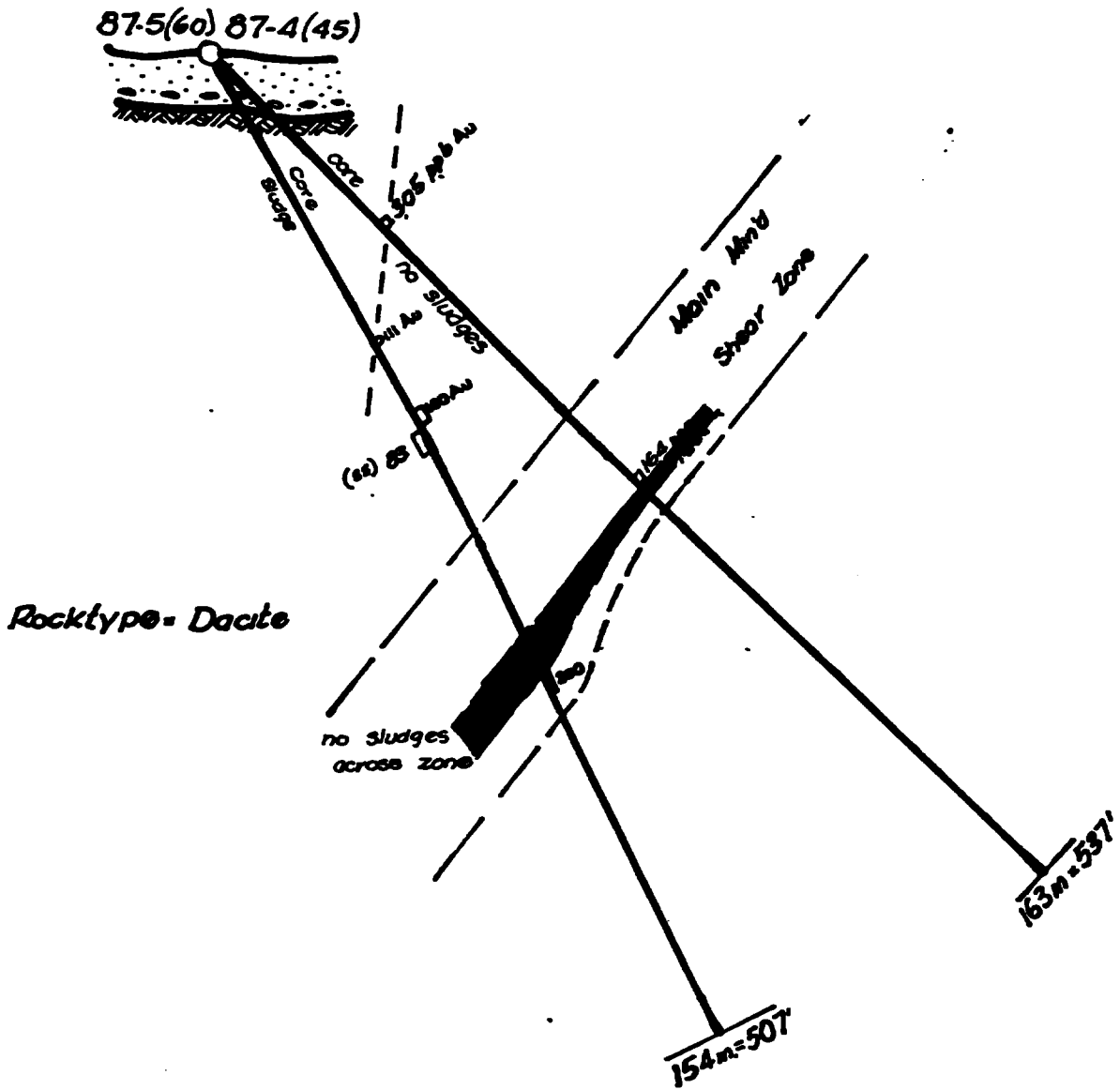
GOLDTECK MINES LIMITED
WILKINSON LAKE DRILLING

DDH'S 87-2
87-3

SCALE: 1:1000

DEC. '87
w.l.m.

N30W



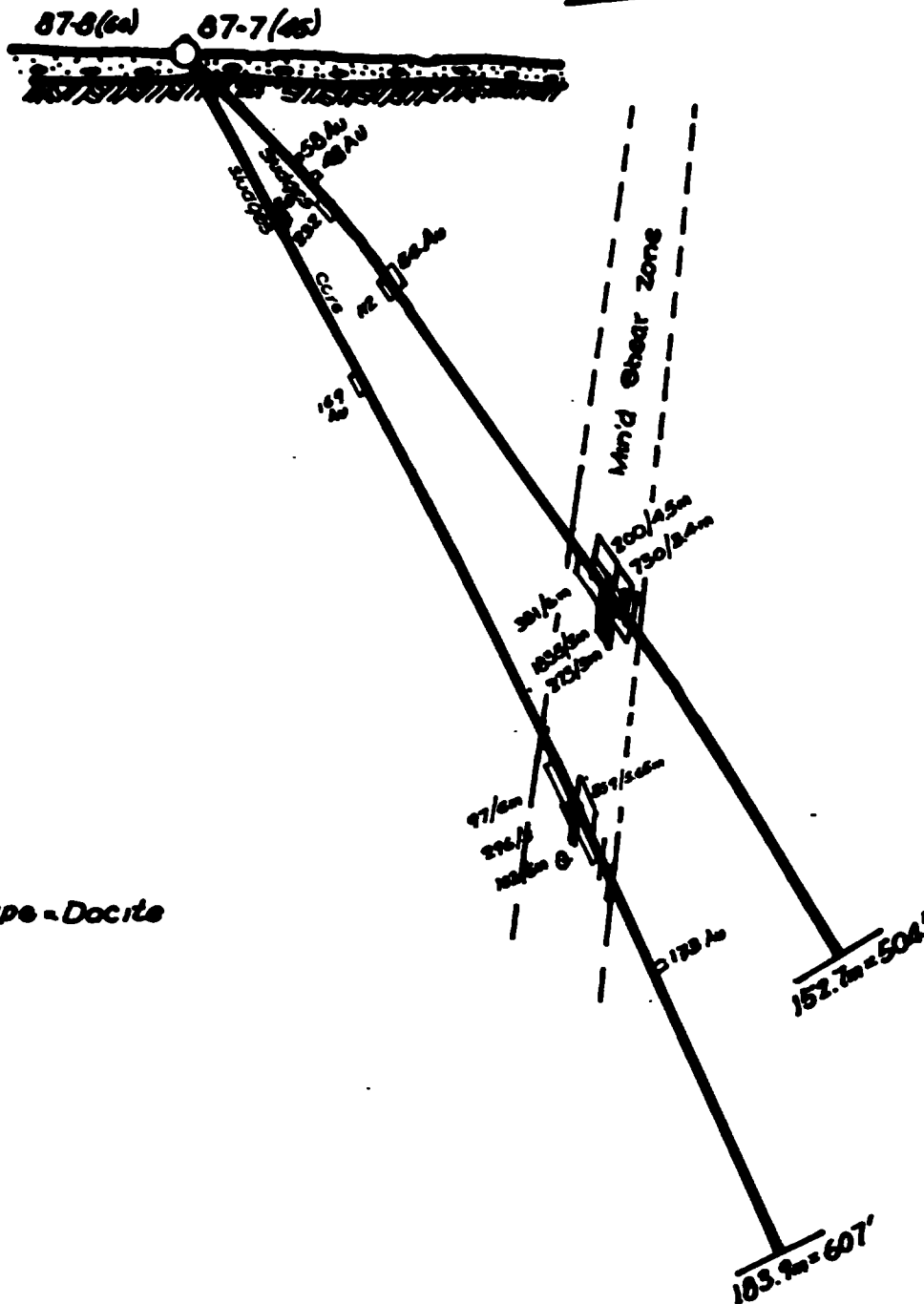
GOLDTECK MINES LIMITED
WILKINSON LAKE DRILLING

DDH's 87-4
87-5

SCALE 1:1000

DEC. '87

N60E



Rock type = Dacite

DDH's 87-7
87-8

GOLDTECK MINES LIMITED
WILKINSON LAKE DRILLING

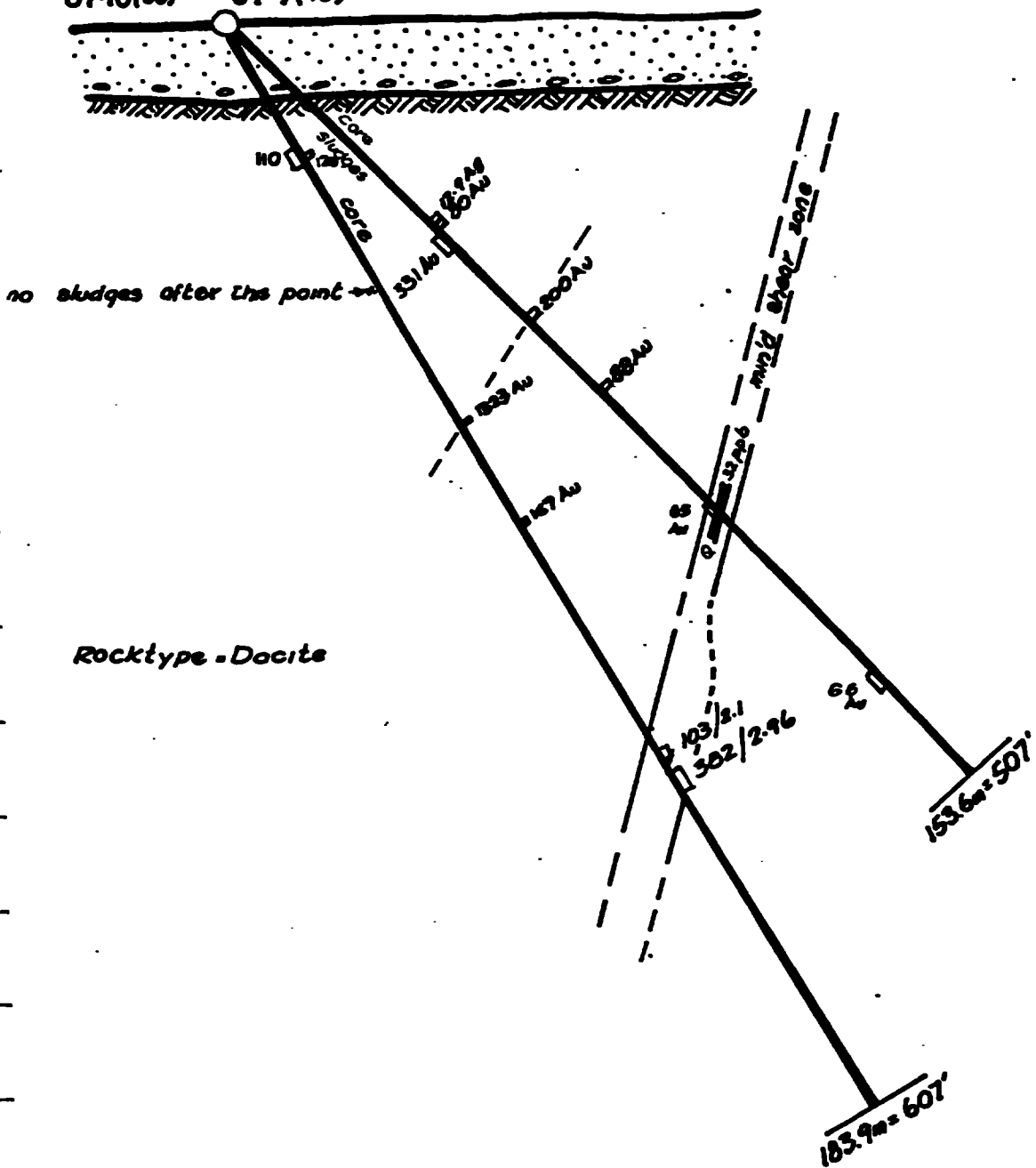
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DEC. '87
A.J.M.

N60E

87-10(60)

87-9(45)



Rocktype - Dacite

DDH's 87-9
87-10

GOLDTECK MINES LIMITED
WILKINSON LAKE DRILLING

SCALE: 1:1000

DEC. '87
o.f.m.

N30W

87-13(60)

87-12(45)



124

low values
zone

Rocktype = Dacite

150.6m = 497'

184m = 607'

GOLDTECK MINES LIMITED
WILKINSON LAKE DRILLING

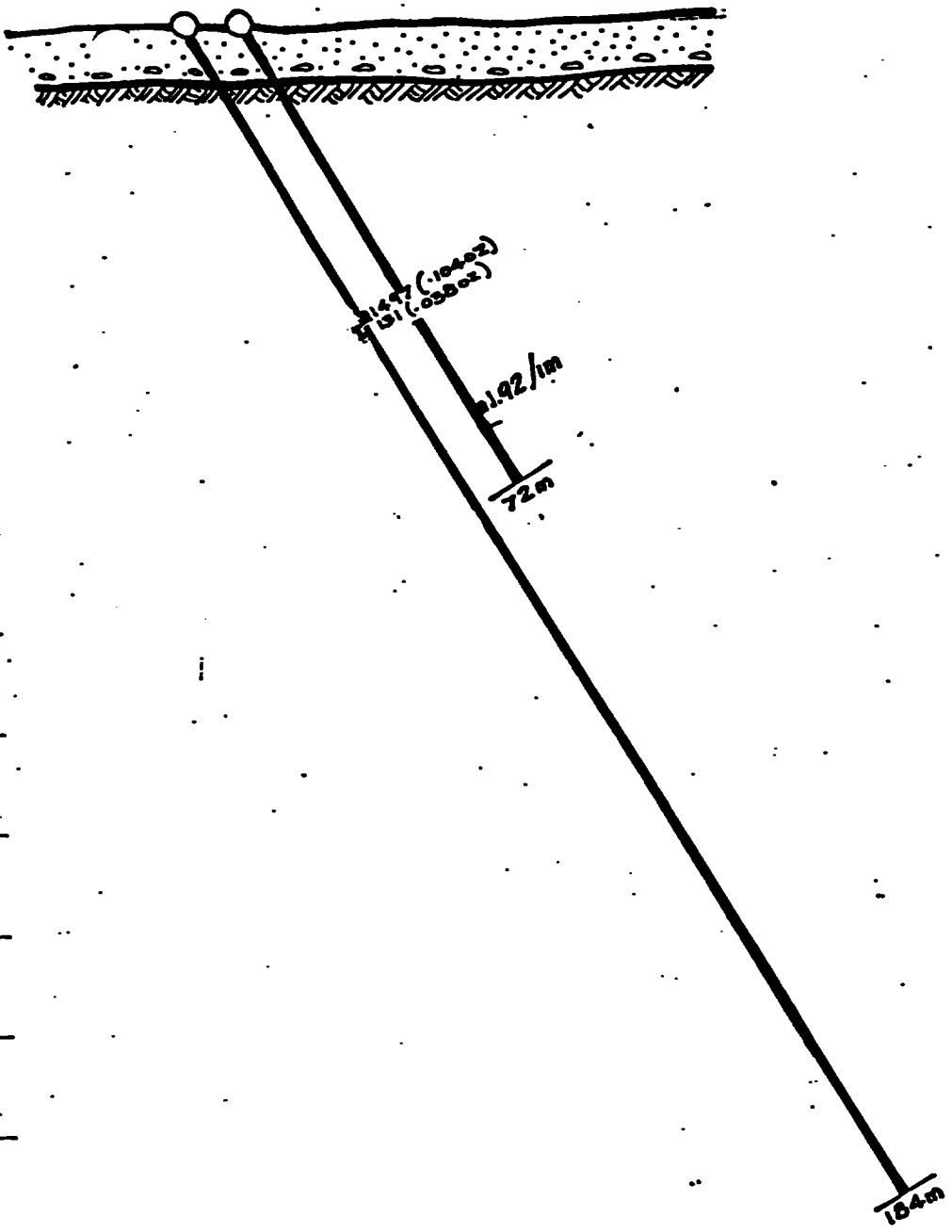
DDH'S

SCALE 1:1000

DEC. '87

87-14

78-10



DDH's 78-10
87-14

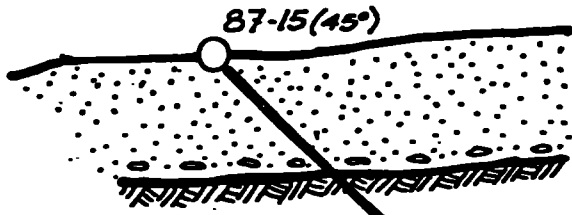
GOLDTECK MINES LIMITED

VILKINSON LAKE DRILLING

SCALE: 1:1000

'87 & '88

N 30 W



Zone
P133 PPS
169m x 557

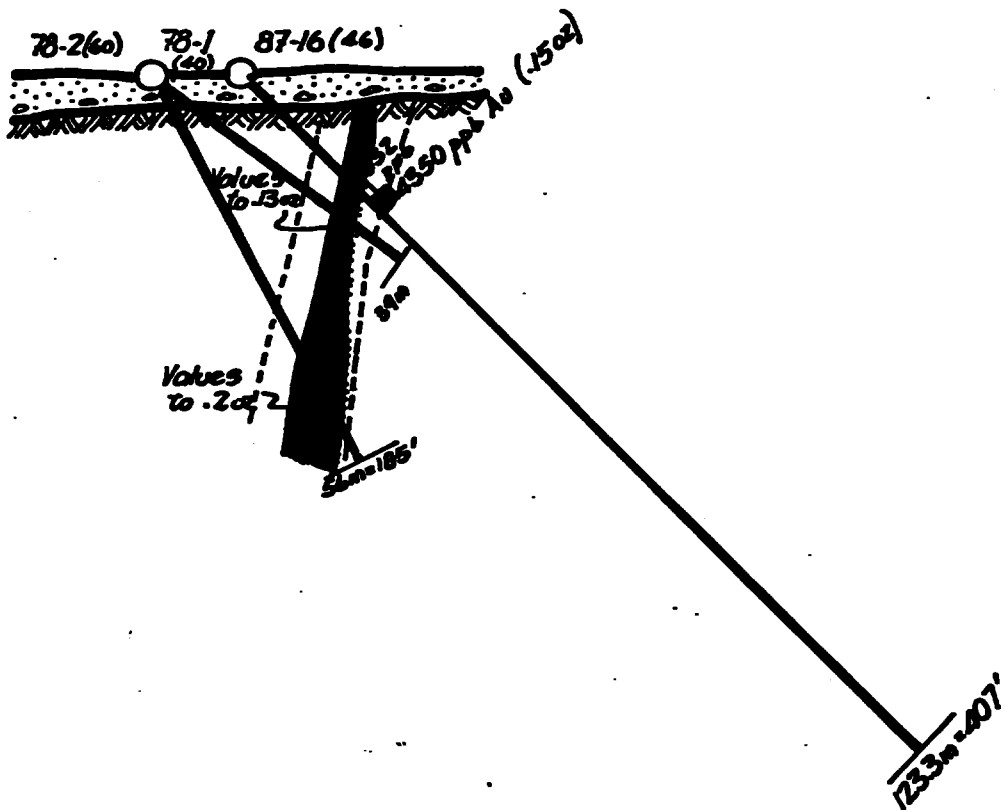
GOLDTECK MINES LIMITED
WILKINSON LAKE DRILLING

DDH 87-15

SCALE: 1:1000

JAN. '88

N30E



GOLDTECK MINES LIMITED
WILKINSON LAKE DRILLING

DRILL SECTION

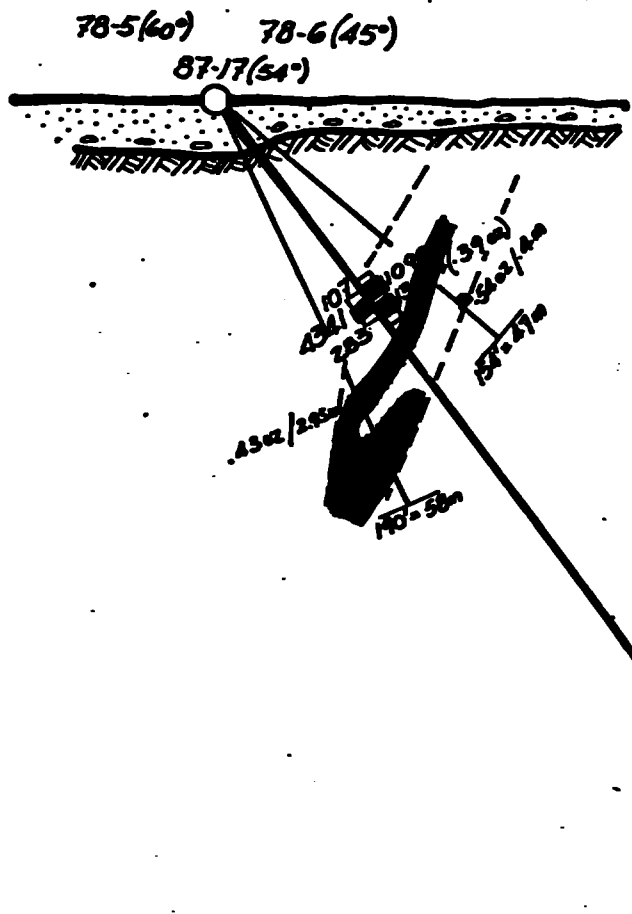
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MAR. '88

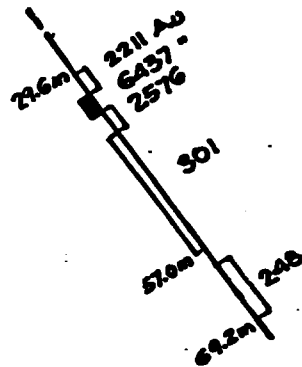
a.j.m.

DDH 87-16
78-1
78-2

N30E



Sludges 87-17



DDH 87-17
78-05
78-06

1:1000

S30E

87-18 (50°)

Au in ppb



Gd

245 Au

DI

248 Au

Gd

311 Au

126 Au

125 Au

518 Au

390 Au

191 Au

Gd

185m 60T

GOLDTECK MINES LIMITED
WILKINSON LAKE DRILLING

SCALE 1:1000

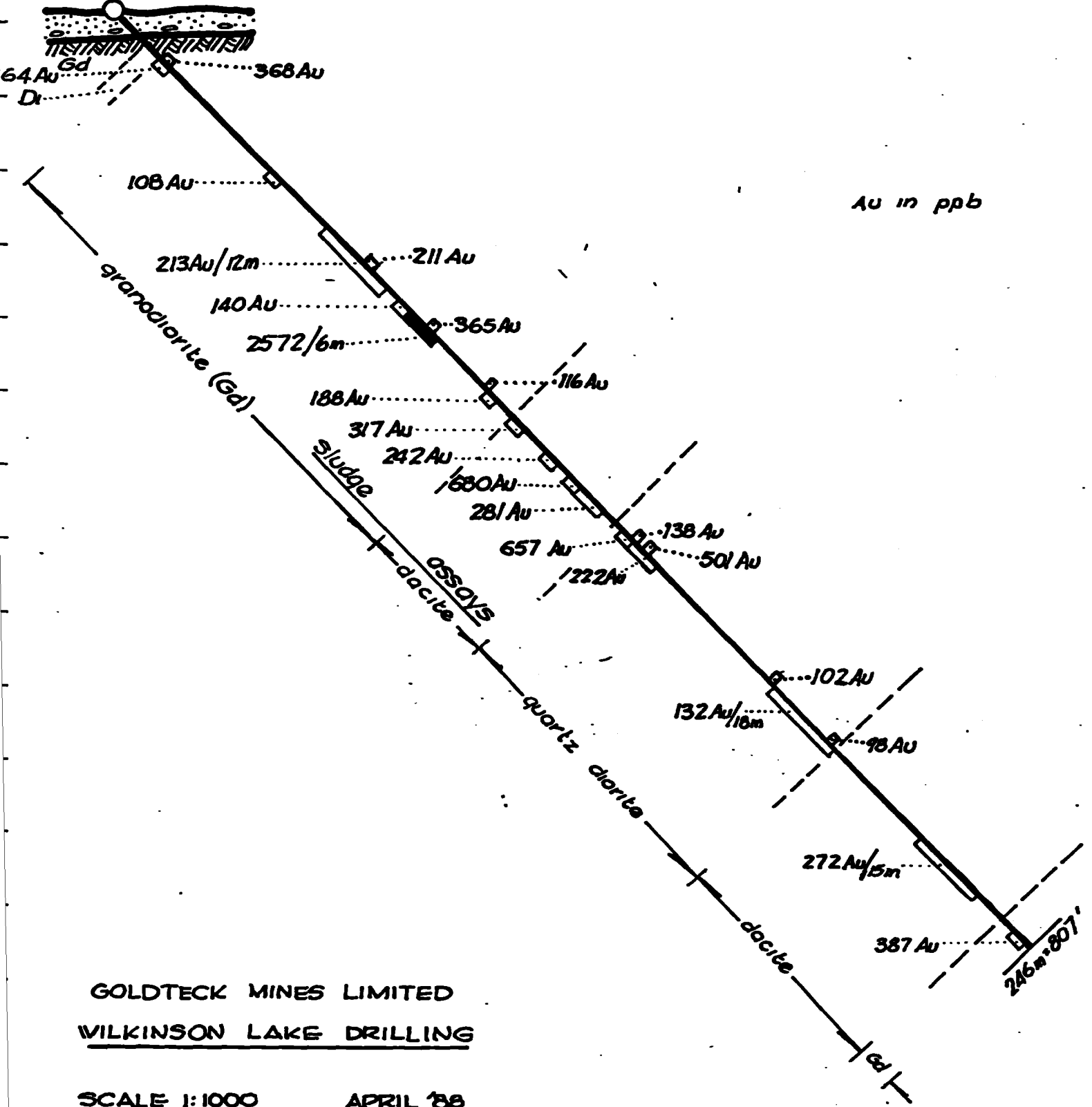
APRIL '88

DDH 87-18

SOUTH



87-19(45°)



GOLDTECK MINES LIMITED
WILKINSON LAKE DRILLING

SCALE 1:1000

APRIL '88

DDH 87-19

GREATER TEMAGANI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-01
Page No: 1 of 7

Job: Beardmore N.T.S. Property: Wilkinson Lake Twp./Prov.: Elmhurst, Ontario Location: North : 80 N West : 120 W Elevation:		Drilled By: Motherlode Commenced: November 17/87 Completed: November 23/87 Length: 334m Logged By: S. Mata Pudiñin Date:		Core Location: Beardmore Core Size: BQ Remarks: Claim No: 907501		Tests: @ Collar: 450 Azimuth 90.9m 450 179m 470 271m 480 329m 470			
From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description
0	4.27	4.27	Casing	68001	4.27	5.27	1.00	16	
4.27	21.35	17.08	Rhyo-dacite to dacite - Porphyritized; Med to light grey; f. gr. with 30% feldspar phenocrysts (up to 3 mm diameter); massive; minor silicification in zones where sulphides are present; minor ch lorite along frac.; qtz-calcite veinlets up to 3 mm wide @ 450 to sub-parallel to core axis; up to 8% f. gr. diss. py locally (often occurs as thin massive coating along fracture surfaces, but mainly as scattered disseminations; trace po noted (weakly magnetic); trace cp assoc. with po. 9.60 - 9.80m: wk foliation @ 400 to core axis 13.25 - 14.00m: moderate foliation @ 400 to c.a. calcite with up to 3% po, tr, cp	68002 68003 68004 68005 68006 68007 68008 68009	5.27 6.77 8.00 10.40 14.58 17.38 20.12 22.90	6.77 8.00 10.15 11.70 15.78 17.58 21.12 23.90	1.50 1.23 2.15 1.30 1.20 .20 1.00 1.00	62 9 13 153 144 11 10 7	-sericite; epidote clots adj. to qtz veins & fragments. -calcite alteration dissem. py throughout. -sheared; qtz-calcite veinlets; epidote clots. -bleached, silicified tr. tourm; epidote clots. -finely disseminated. -vuggy carbonate with minor epidote. -frac.; chloritic selvedge. -patch of epidote sericite silicify. -silicified patches of massive blebs & diss. py. -fractured-weakly brecciated -calcite vein -2cm qtz vein; shear 40° c.a.
			14.58 -15.48m: Altered; non porphyritic-aphanitic; yellowish grey; moderately foliated @ 200 to c.a.; qtz-calcite veins blebs & lenses 250 to subparallel to c.a.; sericitic minor f. gr. calcite on fracture surfaces 5% f. gr. py, ± cp dissem. through. & along selvages of qtz veins; po being replaced by cp.	68010 68011 68012 68013 68057 68058 68059 68060	29.00 36.00 39.50 47.50 59.80 82.10 86.45 88.33	30.00 36.50 40.50 48.50 60.35 82.50 86.67 89.03	1.00 .50 1.00 1.00 .55 .40 .22 .70	10 38 8 15 11 37 13 18	
				68061 68062 68063	93.05 96.40 98.90	94.00 97.25 99.50	.95 .85 .60	8 57 62	

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-01
Page No: 2 of 7

From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description:
21.35	49.90	28.55	15.40 - 21.35m: minor brecciation. 20.12 - 21.35m: epidotized; more abundant py occurs as f. gr. dissem. and blebs & as fracture fill (1.2%).	68064 68065 68066 68067	99.50 108.30 109.76 115.20	100.65 108.96 110.51 115.78	1.15 .66 .75 .58	50 67 16 16	-as above with epidote -silicified -0.5cm qtz vein @ 450 to c.a. -silicified patches; f. gr. clasts of py. -locally brecciated; qtz-calcite infilling; sericite -as above -silicified mottled diss. sulphides -silicified; up to 4% po, locally
21.35	49.90	28.55	Altered thymodacite to dacite 21.35 - 27.00m: Altered; feld. phenocrysts are finer grained and generally altered to light green epidote; generally massive; altered patches are bleached gray to yellowish green and beige; weak brecciation with minor chlorite & calcite within fractures eg: 23.03 - 23.10	68608 68609 68610 68613	118.90 119.87 139.00 153.15	119.43 120.62 140.32 154.20	.53 .75 1.32 1.05	68 11 5 5	-silicified; sericitized 2% po; 0.5% cp; 1-0.5% py. -silicified; sericitized; 2% po; py coats fract. & in patches -silicified; sericitized. -breccia -qtz vein & calcite chi-sericite, blebs po. -porphyritic, massive patches -silicified; po blebs -as above, tr tourmaline
23.70	23.80m:		tr. s. gr. tourmaline; 1% diss. f. gr. py (& coats fractures); up to 2% po clots surrounding traces of cp	68671 68672 68673	155.10 158.37 165.55 172.72	156.25 159.57 166.15 173.52	1.15 1.20 .60 .80	6 5 5 5	-non porphyritic -sericitic; massive po -sericitic; silicified fract ± epidote; tourmaline?
30.05	32.62m:		fractured core with iron carbonate	68674 68675 68676	176.75 180.58 181.14	178.25 181.14 182.39	1.50 ..56 1.25	5 5 5	-non porphyritic -sericitic; massive po -sericitic; silicified fract ± epidote; tourmaline?
49.90	98.90	49.00	Rhyodacite - Porphyritic; med. gray to greenish grey; feld. commonly altered to epidote; epidote occurs in patches and lines fractures; minor calcite veinlets; patches of calcite and/or silification occasionally associated with epidote as well as sericite; core is generally massive; weakly defined foliation @ 450 to c.a. @55.95m; f. gr. dissem. py up to 2-3%, locally; tr po; 2cm qtz vein @ 71.42 - 71.44m @ 880 to c.a.	68677 68678 68679 68680 68681 68682 68683	187.67 194.15 196.73 197.54 201.79 205.20 213.96	188.61 194.65 197.54 198.28 203.29 205.45 214.36	.94 .50 .81 .74 1.50 .25 .40	5 5 6 5 5 5 24	-as above, tr tourmaline -non porphyritic -sericitic; massive po -sericitic; silicified fract ± epidote; tourmaline? -as dissem. & veinlets -silicified; sericitic; tourmaline -contact with chlorite dyke -patches of sericite & silification

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-01
Page No: 3 of 7

From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description:
98.90	100.65	1.75	Shear - V. f. gr. rhyodacite to dacite, med. developed foliation @ 400 to c.a.; thin Qtz lense/vein parallel to schistosity sericitic with minor calcite; 1-2% v. f. gr. dias py occurs along fol. planes	68684 68685 68686 68687 68688	220.36 246.27 249.20 275.85 303.25	220.83 247.02 250.20 277.05 304.40	.53 .75 1.00 1.20 1.15	5 11 5 5 14	-shear with calcite & Qtz stringers -porphyry; hematite stain -sericitized, silicified -dissem. py in rhyodacite -Qtz veins; sericitic with sugary Qtz pods
100.65	124.40	23.75	Rhyodacite - Porphyritized; generally massive aphanitic-porphyrific with narrow intervals of non-porphyritized rock; Qtz-calcite veinlets; minor local brecciations with patches of mercite commonly hosting f. gr. py clusters	68689 68690 68691 68692	305.30 308.96 321.40 329.72	305.90 309.76 322.10 331.00	.60 .80 .70 1.28	5 5 25 5	-Qtz-calcite vein
124.40	135.02	10.62	Qtz in shear zone - fractured rhyodacite grading into strongly foliated schistose core @ 126.40m @500 to c.a.; intensely sericitized; carbonatized with f. gr. specks of pyrite dias. throughout; Qtz stringer; veins & lenses are common	68562 68563 68564 68565 68566 68567 68568 68569	200.82 203.29 205.05 208.03 210.94 214.36 217.21 221.13	201.79 205.05 208.03 210.94 213.85 217.21 220.28 223.69	.97 1.76 2.97 2.91 2.91 2.85 3.07 2.56	<5 <5 7 7 <5 <5 <5 <5	
135.02	165.55	30.53	Rhyodacite - Altered; f. gr.; light to med. grey with mottled appearance from silifications; weakly porphyritic; minor sericitic and carbonate occasional calcite veinlets 300 to c.a.; to 450 to c.a.; Qtz vein						

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-01
Page No: 4 of 7

From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description:
			<p>@ 151.30m; imparts foliation to core @ 150.15m to c.a.; @ 150.80m; calcite-sericite vein @ 200 to c.a. 165.55 - 166.15m: Brecciated, carbonate infills fractures 3% f. gr. py; fractures @ 600' to c.a..</p>						
166.15	205.42	39.27	<p>Dacite - Wk to strongly porphyritic; light to dark grey; c. gr. to f. gr.; generally massive to weakly foliated (c. gr. zones almost look dioritic) 172.72 - 173.52m: Qtz-filled fractures sub parallel to c.a. (0.5cm wide) with light green chloritic clots @ contact and within the vein; approx. 3% massive blebs cp. Foliation developed from fractures, veinlets or banding @: 174.10 - 450 to c.a.; 178.00 - 178.20 - 450 to c.a.; 196.10m - 400 to c.a. Alteration zones with patches of sericite & occasional silifications; tr tourmaline blebs & f. gr. dissem. py, po * cp up to 8% locally occur within porphyritic core.</p>						
205.42	206.05	0.63	<p>Mafic interval - Dyke? f. gr. dk green to black intensely chloritized, carbonatized; upper contact @ 600 to c.a.; lower CTC @ 300 to c.a.; contacts are mineralized with py.</p>						

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-01
Page No: 5 of 7

From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description:
206.05	220.40	14.35	Dacite - Porphyritized; similar to 166.15 - 205.42 m f. gr. chloritic lens @ 206.76 - 206.88m.						
220.40	220.90	0.50	Shear & qtz. - Intensely sericitized; calcisericite-chlorite te assoc. with qtz stringers; chloritized (dacite); 3% f. schist gr. & blebs of po; tr. f. gr. cp along foliation planes and adjacent to qtz; 400 to c.a.						
220.90	233.20	12.30	Dacite - Weakly to moderately porphyritic; grades in and out of v. f. gr. to aphanatic; dacite (could be tuff); sericitic; generally massive.						
233.20	240.41	7.21	Porphyry to c. - Upper intrusive, undulating contact at about 900 to c.a.; gr. Rhyodacite lower intrusive contact is roughly @ 450 to core axis; massive; feldspar phenocrysts (up to 4mm diameter) make up appt. 25% of the rock; approx. 1% biotite in light grey ground mass; calcite along fractures; tr. to 0.5% dissem. f. gr. py.						
240.41	307.76	67.35	Rhyodacite - Weakly to non-porphyritic up to approx. 292m grading into porphyritic core; massive; minor silified pods & sericitic patches with tr dissem/ py; tr. calcite veins and veinlets generally @ 850 to c.a. Lenses of c. gr. porphyry						

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-01
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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description:
			<p>from: 246.27 to 247.02m; tr py. Weakly defined banding @ 256.50m @ 550 to c.a.; @ 260.00m @ 500 to c.a.; 289.40 @ 500 to c.a. Sharp contact @ 300 to c.a. @ 277.05m between more felsic light grey rhyolite to rhyodacite (po, tr cp) and rhyodacite (could be tufts)</p> <p>Qtz pods and veins: 303.25 - 305.90 m (angle to core axis varies from 550 to 200); c. gr. po surrounds tr cp; sericite and calcite along contacts.</p>						
308.96	309.27	0.31	<p>Fragmental - Rhyodacite; light greyish-green subangular to subrounded fragments (approx. 0.5cm) of rhyolite to green rhyodacite; up to 1 1/2 po, locally, with tr, cp.</p> <p>Rhyodacite - Weakly porphyritic; massive to weakly foliated (could be interbedded tufts); 40' to c.a. @ 311.20m; minor sericite & epidote with silified patches & approx. 0.5% dias. py; dias. po is common too; lower 60cm is silified; minor calcite veinlets @ 350 - 600 to c. axis.</p>						
322.10	328.85	6.75	<p>Diabase - V. Fine grained; black; massive; indurated; weakly magnetic.</p>						

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-01
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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description:
328.85	334.2	5.35	Rhyodacite - Some patches of bleached silicification with epidote and trisericite especially along fractures associated with a "dusting" of F. gr. py. diss. throughout; banding is very poorly defined - tuffaceous.						
			334.20m E.O.H.						

HOLE 87-1 SLUDGE ASSAYS

<u>DEPTH (FT)</u>	<u>NO.</u>	<u>Au in ppb</u>	
17' - 27'	SS01	9	
	SS02	18	
	SS03	10	
	SS04	27	
	SS05	13	
	SS06	17	
	SS07	6	
	SS08	8	
	SS09	29	
	SS10	19	
	SS10	17 Check	
	SS11	38	
	SS12	9	
	SS16	12	
	SS17	44	
	SS18	10	
	SS19	19	
	217' - 227'	SS20	97
		SS21	83
SS22		59	
SS22		25 Check	
SS23		21	
SS24		17	
SS25		26	
SS26		17	
SS27		14	
SS28		65	
SS29		33	
SS30	46		
327' - 337'	SS31	50	
	SS31	40 Check	
337' - 347'	SS32	23	
	SS33	18	
357' - 367'	SS34	103	
	SS35	22	
	SS36	18	
	SS37	78	
	SS38	56	
	SS39	43	
	SS40	72	
	SS40	62 Check	

<u>DEPTH (FT)</u>	<u>NO.</u>	<u>Au in ppb</u>
427' - 437'	SS41	114
	SS42	35
	SS43	15
	SS44	15
	SS45	14
	SS46	<5
	SS47	15
	SS48	7
	SS49	<5
	SS49	6 Check
	SS50	<5
	SS51	<5
	SS52	13
	SS53	<5
	SS54	<5
	SS55	<5
	SS56	11
SS57	<5	
597' - 607'	SS58	18
	SS59	9
	SS60	<5
	SS61	9
	SS62	43
	SS63	<5
	SS64	<5
	SS65	7
677' - 687'	SS66	163
	SS67	13
	SS67	30 Check
	SS68	6
707' - 717'	SS69	<5
	SS70	8
	SS70	<5 Check
727' - 737'	SS71	5
737' - 747'	SS72	<5
	SS73	11
	SS74	5
	SS75	9
	SS76	23
	SS77	8
	SS78	9

<u>DEPTH (FT)</u>	<u>NO.</u>	<u>Au in ppb</u>
	SS79	20
	SS79	12 Check
	SS80	29
	SS81	8
	SS82	10
	SS83	7
	SS84	16
857' - 867'	SS84	8 Check
867' - 877'	SS85	26
	SS86	23
	SS87	8
	SS88	<5
	SS89	14
	SS90	8
	SS91	9
	SS91	16 Check
	SS92	8
	SS93	6
	SS94	<5
	SS95	<5
	SS96	19
	SS97	<5
	SS98	12
	SS99	9
1017' - 1027'	SS100	<5
	SS100	10 Check
1027' - 1037'	SS101	11
	SS102	<5
	SS103	28
	SS104	<5
	SS105	9
	SS106	8
	SS107	14
1087' - 1097'	SS107	17 Check

Gldtk7(3)/dg

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-2
Page No: 1 of 3

Job: Beardmore N.T.S.		Drilled By: <u>Moherlode</u>		Core Location: <u>Beardmore</u>		Tests:			
Property: <u>Wilkinson Lake</u>		Commenced: <u>November 24, '87</u>		Core Size: <u>BQ</u>		Dip <u>3300</u>			
Twp./Prov.: <u>Elmhurst, Ontario</u>		Completed: <u>November 26, '87</u>		Remarks:		@ Collar: <u>450</u>			
Location: Latitude: <u>BL</u>		Length: <u>507' ± 154.6m</u>				<u>93m</u>			
Departure: <u>0+40 W</u>		Logged By: <u>S.M. Pudifin</u>				<u>145m</u>			
Elevation:		Date:		Claim No: <u>907501</u>					
From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description
0	17.10	17.10	Casing -	68046	22.67	22.92	.25	13	-qtz. calcite vein; 880 to c.a.
17.10	46.85	29.75	Rhyodacite - Porphyritized; med. grey -f. gr. to sphanitic with c. gr. subhedral feld. phenocrysts. -generally massive with very narrow intervals of weakly foliated non-porphyritized rhyodacite. -minor calcite veinlets - light green granular epidote common -white qtz veins (2mm to 8cm wide) generally @ 90° to c.a. -f. gr. diss. clusters and crystals of py ± po & cp up to 4%.	68047	31.04	31.35	.31	6	-fractured, bleached, epidote ± sercite.
				68048	35.27	35.47	.20	(5	-qtz vein 0.5cm wide 850 to c.a.
				68049	35.67	36.02	.35	11	-1cm qtz vein @ 80° to c.a.
				68050	39.43	39.68	.25	(5	-4cm qtz vein ± calc. & cluster py
				68051	40.92	41.10	.18	7	-1cm qtz vein surrounded by calc.
				68052	44.21	44.51	.30	17	-thin calc. veinlet 150 to c.a.
				68033	54.51	55.50	.99	29	-diss. py in massive veinlet 2mm 90° to c.a.
				68034	69.31	71.07	1.76	10	-diss & vein filling/replacing py
				68035	71.07	71.48	.41	9	-f. gr. py replaces epidote clots
				68036	71.48	72.04	.56	34	-diss. f. gr. py in fract; porph.
				68037	72.04	72.54	.50	12	-brecciated qtz vein 100 to c.a.
				68038	72.54	72.99	.45	11	-diss. f. gr. py in porph.
				68039	76.06	77.00	.94	9	-breccia; bleached; epidote; tour.
				68040	82.32	82.95	.63	6	-f. gr. dacite; diss. py
				68041	85.08	85.64	.56	9	-f. gr. py/po in qtz veins 350 to c.a.
				68042	86.90	88.05	1.15	11	-brecciated bleached; g. gr. calcit
				68043	90.55	91.73	1.18	8	-brecc; sheared @ 40° to c.a.
				68044	91.73	92.20	.47	48	-brecciates; bleached; sil.
				68045	95.61	95.85	.24	206	-brecciation; fragments 96° to c.a.

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-2
Page No: 2 of 3

From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description:
50.35	69.30	18.95	Rhyodacite - Porphyritized with thin intervals of f. gr. rhyodacite exhibiting banding could be tuft s/a from 60.10 - 61.00m Bleached fractures, minor epidote, sericite. Upper CTC @ 10° to c.a.) laminated bleached contact Lower CTC @ 20° to c.a.) over 1 cm and from: 64.90m - 65.80m: sulphides with calcite veining and approx. 2.3% f. gr. py 64.10 to 64.90m, foliated with stretched calcite lenses @ approx. 40° to c.a.	68023 68024 68025 68026	108.06 110.08 112.01 113.06	110.08 112.01 113.06 114.09	.2.20 1.30 1.50 1.30	39 14 33 357	-shear; seric. wispy; 30° to c.a. -shear minor brecciation; seric. -shear approx. 30° to c.a.; seric. -shear Qtz approx. 15cm wide-chl.
69.30	72.04	2.74	Breccia/dacite - Epidotized; mineralized - clots of granular epidote being replaced by f. gr. py; fractures in filled with v. f. gr. py (brecciated) - minor chlorite	68027 68028 68029 68030 68031 68032 68033 68034 68035	114.09 116.03 117.08 117.08 110.02 120.05 120.05 122.00 123.03 129.50 130.00 134.04 135.02 144.00 144.20	116.03 117.08 119.02 120.05 122.00 123.03 130.00 135.02 144.20	1.40 1.50 1.40 1.30 1.50 1.30 .50 .80 .20	168 52 44 280 61 156 57 14 23	-shear; calcite wisps parallel to -shear, sericitized; Qtz 4cm -shear, wispy; sericitized -shear - thin Qtz lenses -shear - wispy; sericitized -shear/CTC bxd rhyodacite -silicified & rhyodacite; py vein -silicified epidote; diss. to c.a. -vein calc. repl. by py to 100 to c.a.
72.02	72.46	0.44	Quartz vein -brecciation of chloritic dacite -slight shearing approx. 10° to c.a.; cube po + cp (1cm x 0.3cm)	68036	146.00	147.30	1.30	15	-calc. vein parallel c.a. & assoc.
72.46	108.61	36.15	Dacite-Rhyodacite - Interbanded porphyritic with narrower intervals of non-porphyritic occasionally brecciated rhyodacite; bleaching common in highly fractured zones. -calcite veinlets -more abundant mineralization po, cp, py, associated brecciation; shearing & epidote + chlorite ie: 90.55 - 91.73m						

GREATER TENAGANI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-2
Page No: 3 of 3

From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description:
108.61	122.63	14.04	<p>-minor chlorite in massive dacitic intervals Foliated 600 to c.a. @ 98.40 to 98.00, 650 to c.a. @ 101.20m</p> <p>Sheared Rhyodacite (tuff) - laminated; very strong foliation to core: 300 to 400 to core axis; "wispy" lamination white quartz veins with irregular contacts, common; calcite lenses;</p> <p>-minor brecciation - fragments subangular -cross cutting fractures common & occas. infilled with f. gr. diss. py up to 1% locally.</p> <p>Altered Rhyodacite - Med. grey; f-m. gr. weak to strong porphyritized</p> <p>- minor brecciation; patches of light grey to buff silicification common; minor patches of epidote; minor thin calcite veinlets and fracture coatings.</p> <p>- rock is generally massive though narrow zones show weak foliation in: 135.10m - 300 to c.a.</p> <p>- up to 1% f. gr. py, generally occurs as fine grained disseminations but also as granular clusters and fracture coatings; tr f. gr. diss. po.</p> <p style="text-align: right;">154.60m E.O.H. NO SLUDGES AVAILABLE</p>						
122.65	154.60	31.95							

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-1
Page No: 1 of 5

Job: Beardmore N.T.S. Property: <u>Wilkinson Lake</u> Twp./Prov.: <u>Elmhurst, Ontario</u> Location: <u>Latitude: 0+00 N</u> <u>Departure: 0 40 W</u> Elevation: _____		Drilled By: <u>Motherlode</u> Commenced: <u>November 26, 1977</u> Completed: <u>November 27, 1977</u> Length: <u>(657') 200.3m</u> Logged By: <u>S. M. Pudifin</u> Date: _____		Core Location: <u>Beardmore</u> Core Size: <u>30</u> Remarks: _____ Claim No: <u>907501</u>		Tests: @ Collar: _____ Dip _____ Azimuth _____ <u>307</u> <u>60.5</u> <u>3300</u> <u>657</u> <u>600</u> _____ _____ _____ _____			
From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description
0	13.41	13.41	Casing	68090	13.59	13.95	.36	75	-c. gr. porp. rhyodacite -epidotized feld. diss. f. gr. sul. -altered calcite-epidote Qtz vein; -sericite; diss. sulphides -altered bleached silicified -tourmaline 25-300 to c.a. -silicified Qtz calcite vein with diss. sul. (2cm wide @ 400 to c.a.) -silicified sericite ± epidote -chlorite patch, diss. sulphides -silicified epidote, sericite, calc. -tourm. diss. m. c. gr. py. -similar to above
13.41	16.70	3.29	Rhyodacite - Weakly porphyritized; med. grey to buff, gen. massive aphanitic with fine grained feld. phen; -coarse gr. interval from: 13.59-13.95m -rubble from 14.30 to 14.50m -thin granular calcite veinlets present -Qtz epidote & calcite veinlet causing bleach- ing from 16.45-16.70m @ 150 to core axis; sulphides replacing calcite vein -f. gr. diss. py, po & cp in c. gr. zone & altered zone	68091 68092 68093 68094 68095 68096	16.45 49.45 50.90 51.65 53.08 54.53 55.98	16.70 50.00 51.65 53.08 54.53 55.98	.25 .55 .75 .43 1.45 1.45	13 7 169 29 36 6	
16.70	50.90	34.20	Rhyodacite - Strongly porphyritized; med. grey to buff; generally massive. -Top of interval is aphanitic-porphyritic with c. gr. subhedral feldspar grading into med. to f. gr. feld. phenocrysts; -calcite veins often subparallel to c.a. & fracture coating is common; minor to negligible epidote; feld. sometimes altered adjacent to Qtz calcite veins. -from 44.25 to 45.30 minor chloritic selvedges	68097 68098 68601 68602 68603 68604 68605 68606 68607 68068	57.54 59.88 72.45 74.87 82.85 99.75 102.05 108.10 109.62 131.60	58.31 60.21 73.10 75.35 83.17 100.79 103.10 109.22 109.97 133.38	.77 .33 .65 .48 .32 1.04 1.05 1.12 .35 1.78	34 54 608 603 315 35 32 8 5 203	-similar to above -rhyodacite with Qtz calcite vein -contorted Qtz vein, carbonate massive of f. gr. py. -silicified, fractured, Qtz vein -Qtz calcite vein 200 to c.a. -epidotized rhyodacite saloon col. alteration. -fractured; epidote masses -Qtz calcite veins @ approx. 450 to c.a. with c. gr. po & tr p. -along Qtz calc. vein (200 to c.a.) -as fracture coating

GREATER TENAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-3

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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description
50.90	58.31	7.41	-sulphides are generally f. gr. dissem. & scattered throughout interval; more abundant sulphides concentrate in some qtz-calcite veinlets (py, po) -v. f. gr. "salt & pepper" - looking diorite from 30.60 to 31.54m; upper CTC is qtz vein approx. 900 to c.a., approx. 4cm wide, with gauge @ upper qtz CTC.	68069 68070	133.38 134.77	134.77 136.17	1.39 1.40	36 1108	-shear zone with diss. py. -f.gr. diss. py in shear/not in qtz. -as above qtz. veins
			Silicified zone - Rhyolite-rhyodacite: fractured brecciated; intensely silicified with common greenish epidote as well as wisps of v. f. gr. black mineral which could be tourmaline; sericite is common; calcite commonly coats fracture surfaces; sulphides are generally f. -m.gr. and disseminated in calcite rich zones up to 1%,	68071 68072 68073 68074 68075 68016	136.17 137.14 138.47 140.19 141.73 142.75 161.87	137.14 138.47 140.19 141.73 142.75 163.00	.97 1.33 1.72 1.54 1.02 1.13	958 415 258 700 135 5	-as above qtz vein -qtz vein; v. f. gr. py in microfracture -qtz vein in chl-sericite slips -shear zone -as above -silicified rhyodacite with epidote replaced with py.
58.31	70.75	12.44	Rhyodacite to Dacite - Strongly porphyritic with non-porphyritic intervals of dacitic rock. -qtz-calcite vein (5cm wide) from 59.88-59.33 -calcite veins common; generally subparallel to c.a.; generally massive -f. or. diss. py up to 2%	68617 68618 68611 68612	186.20 190.30 149.25 150.60	187.00 191.20 150.60 151.45	.80 .90 1.35 .85	5 143 5 5	-qtz calcite vein. -qtz vein
70.75	74.23	3.48	Dacite - Carbonatized; med. grey; f. gr. to aphanitic; locally brecciated from calcite veins; contorted folded qtz vein @ approx. 72.60m (approx. 400 to c.a.) -f. gr. -m. gr. masses of diss. py in altered foliation zone up to 5%						

GREATER TENAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-3
Page No: 3 of 5

From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description
74.23	124.85	55.52	<p>Rhyodacite to Decite - Strongly porphyritic with altered, bleached silicified zone (from 74.90 to 75.35m) hosting diss. py up to 3% -patchy zones epidote; often host py. -qtz-calcite veins common such as @: 83.05m @ 200 to c.a. (approx. 1cm wide); 86.55m @ 250 to c.a. (approx. 0.5cm wide). -100.75-101.35m: f. gr. intensely carbonated with abundant f. gr. tourm(?) (non-porphyritic). -sulphides are sparsely diss. throughout interval, sometimes along fractures py is more frequently observed below 110.0m -weakly defined "flow-banding" in lower 1/4 interval usually varies between 450 to core axis and 800 to c.a.</p>						
129.55	131.40	1.82	<p>Altered Rhyodacite - Non-porphyritic to weakly porphyritic -moderately silicified with up to 2% diss. clusters of py, locally; minor sericitic alteration develops @ foliation towards lower CTC @ approx. 450 to c.a.</p>						
131.40	142.75	11.38	<p>Shear Zone - Strongly foliated @ 450 to 500 to c.a. -strongly sericitized with patches of calcite as well as qtz veins and lenses throughout 134.79-134.82m: White qtz vein (1.8cm wide) @ 300 to c.a.; causes contortions in foliation. 134.97-135.22m: Qtz vein approx. 850 to c.a. (contortion at lower CTC and brecciated qtz vein) 137.10-149.95: Qtz vein (approx. 900 to c.a.)</p>						

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-3
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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description:	
142.75	179.90	37.15	-f. gr. dias. py occurs in chl-sericite slips within the sulphides (py) occur in the sericitic shear. Rhyodacite to dacite - Weakly porphy. to non-porphyritic; med. grey; f. med. grained. -moderate sericite at upper contact with some silicification; sericite is ubiquitous in patches and along fracture surfaces. -tr to approx. 1% f. gr. patches of po with tr cp and py was noted in a sericitic-epidote rich wisp (161.87-163.00m) and massive po @ 166.75m. -qtz-calcite vein (approx. 2cm wide @ 100 to c.a.) from 170.35-170.85m as well as sub parallel to c.a. from 171.98-172.64m. Weak foliation @ 175.70m = 400 to c.a. Lower most 35cm is mafic and intensely carbonatized with lower unit.							
179.90	182.27	2.37	Porphyry - Strongly porphyritic with coarse gr. (up to 3mm diameter) phenocrysts (approx. 30%); probably dacitic in composition; massive; lower CTC is approx. 850 to c.a.							
182.27	200.00	17.73	Rhyodacite - Weakly porphyritic; f. gr. to aphanitic -qtz-calcite vein @ 186.20-187.00m lower & upper CTC @ approx. 150 to c.a.; hosts massive blebs of po. within the vein approx. 15%; massive cp blebs approx. 1% (assoc. with po). -White qtz vein @ 25% to c.a. from 190.43-190.58m; hosts subhedral blebs of cp with tr po, py.							

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-3
Page No: 5 of 5

From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description:
			-tr f. gr. diss. py throughout interval -more sericite-epidote veinlets & patches towards bottom of hole.						
			200.00 E.O.H.						

HOLE 87-3 SLUDGE ASSAYS

<u>SS No.</u>	<u>Ft.</u>	<u>M</u>	<u>Au in ppb</u>
2	97'-107'	29.4- 32.4	85
3	107'-117'	32.4- 35.4	160
4	117'-127'	35.4- 38.5	28
5	127'-137'	38.5- 41.5	77
6	137'-147'	41.5- 44.5	13
7	147'-157'	44.5- 47.6	12
8	157'-167'	47.6- 50.6	20
9	167'-177'	50.6- 53.6	32
10	177'-187'	53.6- 56.7	64
11	187'-197'	56.7- 59.7	24
14	307'-317'	102.3-105.3	19
15	317'-327'	105.3-108.3	22
16	327'-337'	108.3-111.3	22

THE BREAK WAS NOT CUT BY THESE SLUDGES

Gldtk12/dg

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-4
Page No: 1 of 3

Job: Beardmore N.T.S. Property: <u>Wilkinson Lake</u> Twp./Prov.: <u>Elmhirst</u> Location: Latitude: <u>0+00 N</u> Departure: <u>0+00 W</u> Elevation: _____		Drilled By: <u>Motherlode</u> Commenced: <u>November 28, '87</u> Completed: <u>December 1, '87</u> Length: <u>537 : 162.7m</u> Logged By: <u>S. M. Pudifin</u> Date: _____		Core Location: <u>Beardmore</u> Core Size: <u>BQ</u> Remarks: _____ Claim No: <u>907501</u>		Tests: @ Collar: _____ <u>300'</u> <u>430'</u> <u>450'</u> _____		Dip _____ Azimuth <u>330°</u>	
From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description
0	13.41	13.41	Casing -	68693	34.45	35.25	.80	305	-qtz veins cause brecciation approx. diss. f. gr. py.
13.41	60.70	48.49	Rhyodacite to dacite with fragmental interval - porphyritized; med. grey; f. gr. - aphanitic; generally massive; core is blocky to 19.20m; tr to 0.25% f. gr. py (often occurs as coating on fracture surfaces); fractured approx. 20.00 -20.30 @ 40° to c.a.; sucroidal qtz-calcite veins have v. thin pyritized selvages; thin intervals (0.5m) are non-porphyritized re-crystallized flows with tr - 0.25% f. m. gr. diss. pp, py. Minor brecciation from grey-white qtz vein from 34.50 to 35.25m; sericitic. Silicified & bleached patches @ 48.50-49.80 with qtz calcitic vein (2fm) @ 49.70 @ 45° to c.a. Weakly sheared: 52.00-53.90m with sericite and approx. 0.25% py. Subangular fragments of foliated rhyodacite up to 30cm long elongated parallel to c.a. from 54.30m to 56.90m strongly porphyritized rhyodacite; tr. limonite @ approx. 56.40m.	68099 68100 68694 68695 68076 68077 68078 68079 68080 68081 68082 68083 68084 68085 68086 68087 68088 68089	60.70 61.28 63.80 66.03 72.14 72.81 74.21 75.48 76.85 78.26 79.70 81.06 82.49 83.91 85.31 86.06 88.06 89.53 90.94	.58 .62 .36 1.90 .67 1.40 1.27 1.37 1.41 1.44 1.36 1.43 1.42 1.40 .75 2.00 1.47 1.41	76 5 12 9 12 27 (5) 14 42 16 (5) 9 10 164 87 253 24 (5)	-shear -shear -sericite shear from qtz - @ 40° to c.a. -shear -shear & qtz stringers & blebs -shear with qtz chl. blebs -shear with qtz chl. blebs -shear with qtz chl. blebs -shear with qtz chl. blebs -shear with qtz chl. blebs -shear with qtz chl. blebs -shear with qtz chl. blebs -shear with qtz chl. blebs -shear with qtz chl. blebs -qtz - sericite-chl. filled frac. -shear -shear -altered, silicified, 'bx'd.	
60.70	61.90	1.20	Shear - Rhyodacite -dacite: shear @ approx. 40° to c.a.; sericitic with tr - 0.25% f. gr. py	68523 68524 68525 68526	90.82 93.82 97.10 105.20	93.82 96.40 99.10 107.20	3.00 2.58 2.00 2.00	(5) (5) (5) (5)	-altered tuff; diss. py -altered tuff; diss. py -fragmental with diss. py -silicified, fragmental epid.

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-4
Page No: 2 of 3

From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description:	
61.90	72.14	10.24	Dacite - Med. grey; f. gr. to aphanitic; interval grading into porphytized rock; local zones of weak brecciation with patches of sucroidal qtz & epidote; generally hosts diss. py	68527 68528 68529 68530 68531 68532 68533 68534 68535 68536 68537	109.05 115.30 117.30 123.70 127.04 136.45 139.50 140.40 141.50 152.88 158.25	110.60 116.45 119.30 124.80 129.04 138.50 140.40 141.50 142.80 153.30 158.75	1.55 1.15 2.00 1.10 2.00 2.05 .90 1.10 1.30 .42 .50	(5) (5) 6 (5) (5) (5) 10 (5) (5) (5) (5) (5)	-fragmental tuff; silicified -fragmental tuff; silicified -fragmental tuff; silicified -tuff-altered sericite, silicified -dacite; silicified, chloritic -altered tuff; tr cp -altered - massive po-cp vein -altered - massive po-cp vein -blebs of po with tr cp -silicified -calcitic qtz vein	
72.14	85.20	13.06	Shear zone sericite-chlorite schists - Strongly foliated to schistose dac.; strongly sericitic silicified with minor chlorite blebs generally ass. with qtz stringers, blebs and lenses; tr tourmaline. Angle to core axis: 85° @ 71.5m; 35° @ 74.0m; approx. 50° for remainder of interval. Mineralization is v. f. gr. - fr. gr. diss. py which concentrates parallel to foliation planes (up to 8%)							
85.20	86.00	0.80	Qtz vein - Smokey-white massive qtz; sericite-chlorite infills fractures.							
86.00	89.45	3.45	Shear - similar to 72.14m to 85.20m							
89.45	143.00	53.55	Rhyodacitic-dacite fragmental tuff - Altered; c. fragmental texture; massive silicified patches throughout with sericite; minor carbonate zones; fragments are angular to subangular & vary in size from +3cm to <0.5mm; minor epidotized fragments; matrix surrounding fragments are generally siliceous; intervals of it grey rhyolitic tuff up to 15cm wide (angle to core axis is variable); up to 3% py, locally Mafic interval - 108.47-109.05m: more mafic, intensely carbonatized homogeneous flow (andesite to dacite in composition); sheared upper CTC.							

GREATER TENAGANI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-4
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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description
143.00	162.70	19.07	<p>Poorly defined banding: 800 to c.a. @ 121.80m.</p> <p>Dacite (pyroclastic) - Porphyritic - aphanitic with narrow tuff intervals; feld phenocrysts are f. to m. gr; is generally massive. Calcite veinlets from 152.78 to 153.15m; qtz lens with po bleb @500 to c.a. Qtz-calcite vein from 158.35 to 158.70; up to 5% local f. gr. po & tr - 0.2% py.</p> <p>162.70m E.O.H.</p> <p>NO SLUDGE SAMPLES RECOVERED</p>						

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-3
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Job: <u>Beardmore</u> N.T.S. _____ Property: <u>Wilkinson Lake</u> _____ Twp./Prov.: <u>Elmhurst, Ontario</u> _____ Location: Latitude: <u>0-00</u> _____ Departure: <u>B.L.</u> _____ Elevation: _____		Drilled By: <u>Motherlode</u> _____ Commenced: <u>December 1, '87</u> _____ Completed: <u>December 8, '87</u> _____ Length: <u>507' x 154.6m</u> _____ Logged By: <u>S. M. Puffin</u> _____ Date: _____		Core Location: <u>Beardmore</u> _____ Core Size: <u>30</u> _____ Remarks: _____ Claim No: <u>907501</u> _____		Tests: # Collar: _____ <u>307'</u> _____ <u>507'</u> _____ _____		Dip <u>60°</u> _____ <u>62°</u> _____ <u>62.5°</u> _____ _____		Au ppb		Sample Description	
From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description				
0	8.70	8.70	Casing -	68538	46.61	47.36	.75	111	-shear; qtz lower, tourmaline				
8.70	12.10	3.40	Overburden boulders - Rounded broken up rubble; mainly porphyritic rhodacite	68539	58.07	59.00	.93	88	-silicified, diss.				
				68540	59.28	60.06	.78	117	-diss; calcite veinlets				
				68541	60.06	60.64	.58	6	-altered, silicified				
				68542	60.64	61.19	.55	44	-altered, massive po wisps				
				68543	61.19	61.63	.44	(5	-altered, diss. f. gr.				
				68544	63.20	64.30	1.10	6	-diss. in calcite veinlets				
				68545	72.26	72.98	.72	45	-silicified, limonite; vugs				
				68619	78.58	79.59	1.01	(5	-fold; qtz veins				
				68620	79.59	81.06	1.47	6	-shedded sericite; chlorite; qtz				
				68621	81.06	82.66	1.60	10	-shear; qtz blebs; qtz				
				68622	82.66	84.04	1.38	13	-shear; qtz blebs; qtz				
				68623	84.04	85.49	1.45	17	-finely dissem. in shear				
				68624	85.49	86.83	1.34	14	-finely dissem. in shear				
				68625	86.83	87.67	.84	12	-finely dissem. in shear				
				68626	87.67	89.78	2.11	13	-finely dissem. in silicified				
				68627	89.78	91.66	1.88	14	-shear				
				68628	91.66	92.53	.87	88	-shear				
				68629	92.53	94.00	1.47	20	-shear bx @ lower CTC				
				68630	94.00	95.33	1.33	18	-qtz				
				68631	95.33	96.49	1.16	10	-qtz				
60.06	61.63	1.57	- pyrite occurs as f. gr. disseminations or as f. gr. flakes along fracture surfaces 47.00 - 47.25m; sericitic shear; foliation @ 45° to c.a.; qtz lenses; & tr tourmaline. -felspar are saussuritized; lower contact @ 20° to c.a.; bottom 0.75m is massive, non- porphyriticized.	68632	96.49	98.70	2.21	17	-qtz				
				68633	98.70	101.07	2.37	200	-shear; bx qtz (swas - 760)				
				68634	101.07	102.46	1.39	16	-shear; minor brecciation				
				68635	102.46	103.51	1.05	13	-mod. sheared & silicified				

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-5
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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description
61.63	79.10	17.47	Dacite - Porphyritized; similar to 12.10 to 60.06m. Altered; silicified vuggy section with approx 8% v f. gr. clusters of py from 72.26-72.90m Calcite veinlets common with minor py lining selvages. Tr f. gr. disseminated py through-out.	68536 68546 68547	103.51 117.65 118.90	105.30 118.90 119.32	1.79 1.25 .42	11 (5) (5)	--silicified; slightly sheared -silicified tuff? diss. -altered silicified tuff wisps & masses, po. py, cp.
79.10	93.80	14.70	Shear-sericitic schist - Porphyritized rhyodacite is moderate to strongly foliated. Sericitic with occasional calcite blebs Qtz stringers-veins @: 79.58 - 79.70m 80.27 - 80.53m @ 500 to c.a. 80.60 - 80.75m @ 500 to c.a. 83.40 - 83.41m @ 350 to c.a. 83.95 @ 84.00m @ 500 to c.a. Foliation is subparallel to Qtz veins. Dissem. py along foliation planes.	68548 68549 68550	119.32 121.71 123.25	121.71 123.25 124.70	2.39 1.54 1.45	(5) (5) (5)	- as above - as above - as above
79.10	93.80	14.70	Shear-sericitic schist - Porphyritized rhyodacite is moderate to strongly foliated. Sericitic with occasional calcite blebs Qtz stringers-veins @: 79.58 - 79.70m 80.27 - 80.53m @ 500 to c.a. 80.60 - 80.75m @ 500 to c.a. 83.40 - 83.41m @ 350 to c.a. 83.95 @ 84.00m @ 500 to c.a. Foliation is subparallel to Qtz veins. Dissem. py along foliation planes.	68551 68552	124.70 126.23	126.23 127.55	1.53 1.32	(5) (5)	- as above - as above
93.80	98.80	5.00	Quartz veins - White massive Qtz, occasionally fractured with sericite & chlorite lining fractures; f. gr. dissem. py commonly is associated with sericitic "slips"	68553 68554 68555 68556 68557 68558	127.55 128.95 130.36 131.87 133.73 135.21	128.95 130.36 131.87 133.73 135.21 136.06	1.40 1.41 1.51 1.86 1.48 .85	(5) (5) (5) (5) 5 6	- as above (+ chlorite) - as above - as above - as above - dacitic flow with blebs sulphides - as above
98.80	101.90	3.10	Shear-sericitic shear - Strongly foliated - schistose rhyodacite; sericitic; upper contact has brecciated Qtz fragments; up to 3% f.-med. grained py. Foliation is: 450 @ 101.50m	68559	145.35	147.64	2.29	8	mottled, silicified

GREATER TENAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-5
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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description:
101.90	133.33	31.43	<p>Rhyodacite - dacitic altered pyroclastic - Massive with fragmental texture; mottled appearance from silicification; calcite veinlets and fracture coatings are common. -fragments are generally more mafic (dacitic) ranging in size from approx. 3cm to <2mm. -chlorite sometimes line fracture surfaces -some fragments are f. mod. gr. qtz crystals -tr epidote</p> <p>Sulphides are generally associated with silicified patches, chloritic lenses or fractures, po is most common as f. gr. clusters or massive blebs sometimes with cp; py occurs as dissem. crystals or fracture coatings.</p>						
133.33	154.57		<p>Dacite - Massive; f. gr. med grey-green with occasional buff coloured silicified patches; sericitized; weakly porphyritized with f. gr. feld-pheno-crysts. Altered silicified zone from 145.35 to 147.64m Pyrite is most common as f. gr. dissemination or massive blebs and fracture-fill; po occurs as f. gr. clusters or massive blebs.</p> <p style="text-align: right;">154.57m E.O.H.</p>						

HOLE 87-5 SLUDGE ASSAYS

<u>No.</u>	<u>DISTANCE</u>		<u>Au in ppb</u>
	<u>FT</u>	<u>M</u>	
1	127-137	38.5-41.5	10
2	137-147	41.5-44.5	10
3	147-157	44.5-47.5	34
4	157-167	47.6-50.6	54
5	167-177	50.6-53.6	29
6	177-187	53.6-56.7	22
7	187-197	56.7-59.7	18
8	197-207	59.7-62.7	83
9	207-217	62.7-65.7	41
10	217-227	65.7-68.8	32
11	227-237	68.8-71.8	23

no sludges across shear zone

Gldtk-8/dg

GREATER TENAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-6
Page No: 1 of 3

Job: <u>Beardmore</u> N.T.S. Property: <u>Wilkinson Lake</u> Twp./Prov.: <u>Elmhurst, Ontario</u> Location: <u>Latitude: 0483' N</u> <u>Departure: 0480' W</u> <u>Elevation:</u>		Drilled By: <u>Motherlode</u> Commenced: <u>December 3, 1987</u> Completed: <u>December 6, 1987</u> Length: <u>547'</u> ; <u>165.8m</u> Logged By: <u>S. M. Pudiffin</u> Date: _____		Core Location: <u>Beardmore</u> Core Size: <u>BQ</u> Remarks: _____ Claim No: <u>907501</u>		Tests: @ Collar: <u>Arizumuth</u> <u>0558</u> <u>450</u> <u>450</u> <u>507</u>		Dip <u>450</u> <u>450</u> <u>500</u>	
From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description
0	6.10	6.10	Casing	68570	7.33	8.80	1.47	8	- silicified; tourmaline, minor epidote & veinlets py
6.10	6.83	0.67	Dacite - F. gr.; med. greyish green; weakly porph.; diss. py 2%	68571 68572 68573	8.80 10.35 13.10	10.35 11.70 14.40	1.55 1.35 1.30	11 7 13	-patches of epidote & assoc. diss py -as above with qtz lenses -dissem. py in chl. epid. patches
6.83	7.33	0.50	Granodiorite - F. gr. rounded rubble @ lower and upper contacts, therefore probably boulder	68574 68575 68576	14.40 16.10 19.10	16.10 17.35 20.30	1.70 1.25 1.20	12 12 10	- tuffaceous-wk foliation 30% to c.a. - vuggy, calcite, limonite - diss. py in blebs assoc. with epidote blebs; fract. coatings
7.33	28.25	20.92	Altered Rhyodacitic to rhyolite - F. gr. light grey with greenish patches; siliceous; patches of epidote throughout; f. -m. gr. dissem. py associated with epidote & silicified patches; thin qtz-calcite veinlets adj. to black tourmaline and massive py @ approx. 7.40m @ 300 to c.a.; occasional 41cm x 05.cm lenses of grey qtz; minor calcite & sericite along fractures	68577 68678 68679	20.30 25.02 33.58	22.52 26.62 35.50	2.22 1.60 1.92	16 6 47	-as above -diss. py siliceous rhyodacite with patches of epidote -in tension veinlets & assoc. with epidote
			11.69 - 13.10 cm; porphyritic; rhyolitic 13.10 - 14.40 cm; silicified with fine patches of chlorite	68580 68581	35.50 37.15	37.15 38.50	1.65 1.35	16 11	-diss. py assoc. with epidote blebs -c. gr. py diss. & in veinlets with epidote
			minor vugs lined with limonite (16.10-17.35m) -thin intervals have weak foliation; rhyolitic tuff; generally @ 300 to c.a. @ 19.10m	68582	42.60	43.50	.90	7	-py is c. gr. and occurs in infilled vugs & lenses with calcite
28.25	32.40	4.15	Mafic interval (Andesite) - F. gr.; med. green; gradational contact; calcite veinlet generally @ 35-400 to c.a.; calcite lines fractures; chloritic; minor	68583 68584 68685 68686	43.85 51.70 52.95 56.60	45.65 52.95 53.60 57.30	1.80 1.25 .65 .70	8 59 35 45	-adj. to calcite-qtz vein -calcite (5cm wide) @ 52.35m -chlorite-sericite; schistose -f. gr. diss. py between siliceous sericitized rock.
				69687 68588 68589	57.30 58.45 60.65	58.45 59.97 62.70	1.15 1.52 2.05	29 8 9	-bx; chl. sericite py along fracture -porp, siliceous, sph. -sericitic-tuff with diss. py; sheared

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-6
Page No: 2 of 3

From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description
32.40	51.70	19.30	epidote; weakly porphyritic with up to 10% subangular feld. phenocrysts; massive Dacite flow grading into crystal tuff - f. med. gr.; greyish green; thin calcite veins; minor epidote; py occurs f. gr. & dissems. as well as in tension veinlets and vugs infilled with calcite and epidote up to 5-8% localized m. gr. py; minor silicification; grades in and out of porphyry. 43.50-45.55m: altered (silicified) & weakly sheared with qtz-calcite vein subparallel to c.a. (<0.5cm-3cm wide) from 44.25m to 44.80m & also from 45.15-45.65m; diss py is common Lower interval; crystal tuff.	68637 68638 68639 68640 68641 68642 68643 68644 68590 68591	65.50 67.29 68.45 70.27 71.58 73.02 74.50 75.88 75.88 81.88 83.15	67.29 68.45 70.27 71.58 73.02 74.50 75.88 76.89 82.33 84.05	1.79 1.16 1.82 1.31 1.44 1.48 1.38 1.01 .45 .90	19 504 912 665 372 565 178 76 (5) (5)	shear sericite & chl. shear sericite (swas. 540) shear & qtz (swas. 1087) shear-sericite & chl. (swas. 735) strong shear sericite (swas. 440) strong shear sericite (swas. 580) strong shear sericite (swas. 190) shear sericite diss. blebs in silicified mafic patches po in blebs & diss. seys assoc. with qtz lenses
51.70	60.65	8.95	Lower interval; crystal tuff. Chlorite-sericite schist intercalated with lapilli tuff - dark grey-green; f. gr.; mainly chlorite & sericite with occasional lenses of qtz. and calcite; up to 2% f. gr. diss. py throughout; well foliated @ 45° to c.a.; intercalated with lapilli and crystal tuff; contacts are gradational as well as sometimes sharp & approx. 350 to c.a.; feldspar crystals up to 30-40% are subhedral and altered to sericite; crude laminations over narrow (10 cm) intervals @ approx. 400 to c.a.; intervals are silicified and occasionally brecciated. 60.65 to 65.40m: sericite-qtz-chl. shear with calcite lenses: (not as folded as lower zones)	68592 68593 68594 68595 68596 68597 68798 68699 687700	92.60 115.00 119.40 121.65 126.58 132.40 136.00 138.32 139.96 139.96	93.72 117.00 120.44 122.40 128.05 138.32 138.32 139.96 141.44	1.12 2.00 1.04 .75 1.47 .88 2.32 1.64 1.48	(5) (5) (5) (5) 6 (5) 6 8 8	lapilli tuff-diss. py & po in mafic, silicified c. fragmental diss py c. fragmental-f. diss. assoc. with sphaerides tuff blebs lenses m.-gr. tuff with diss. py silicified tuff with localized po blebs & assoc. with cp. po occurs in blebs within silicified zone silicified with minor sericite, massive po in qtz vein as above

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-6
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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description:
60.65	83.50	22.85	Shear zone (sericite-chl. schist) - f. gr.; med. greenish grey; sericite occurs in clots grading into schistose sericite; lamina-tions with qtz and minor chlorite; calcite patches and lenses common; foliation varies: 60.85m = 45° to c.a. 62.70m @ 30° to c.a.; 65.80m @ 15° c.a. with remainder generally @ 60° to c.a. Whitish-grey qtz intervals with chl-sericite along fracture @ following depth: 68.45-68.65m; 68.84-69.16m; 69.38-70.30m Pyrite is generally f. gr. & diss. throughout (approx. 0.5 - 1.0%)	68501 68502 68503 68504 68505 68506 68507 68508 68509	141.44 142.82 144.33 145.73 147.24 148.64 150.15 151.59 151.59 153.05 153.05	142.82 144.33 145.73 147.42 148.64 150.15 151.59 153.05 154.10	1.38 1.51 1.40 1.51 1.40 1.51 1.44 1.46 1.05	(5) (5) 5 5 5 5 8 (5) (5)	-as above -as above -as above -as above -as above -silicified zone diss. sericite -as above - silicified qtz veins
83.50	165.80	82.30	Rhyodacite (pyroclastic) - F. gr.; med. greyish green; sphanite tuff with silicified patches intercalated with poorly sorted crystal tuff and lapilli tuff; c. gr. subangular to subrounded fragmental; minor calcite veinlets and sericite; sulphides are finely diss. py (0.25%) and also blebs of po (1%) with tr cp generally associated with qtz lenses or fractures; tr. tourmaline; minor epidote esp. around subrounded fragments; Generally poorly sorted. Angle to core axis: 96.90m @ 50° 109.25 - 110.00m: Interval of calcite-chlorite rock 122.40 - 155.70m: More felsic-rhyolitic tuff with silicified patches & common sericitic alteration & blebs & specs of po & py common (approx. 1% locally) 151.93 - weak foliation @ 40° to c.a. 155.70 - 165.80m: light feldspar overprint; dacite 165.80m E.O.H.						

HOLE 87-6 SLUDGE ASSAYS

<u>DEPTH (FT)</u>	<u>NO.</u>	<u>Au in ppb</u>
27' - 37'	SS-01	<5
	SS-02	<5
	SS-03	6
	SS-04	9
	SS-05	<5
	SS-07	<5
	SS-08	<5
	SS-09	10
	SS-10	11
	SS-11	25
	SS-11	12 Check
	SS-12	7
	SS-13	9
	SS-14	28
167' - 177'	SS-15	<5
	SS-16	15
	SS-17	12
	SS-18	26
	SS-19	9
	SS-20	21
	SS-20	10 Check
	SS-21	13
	SS-22	112
	SS-23	68
	SS-24	86
	SS-25	45
	SS-26	40
	SS-27	31
SS-28	32	
307' - 317'	SS-29	16
	SS-29	14 Check
317' - 327'	SS-30	70
	SS-31	11
	SS-32	45
	SS-33	14
	SS-34	18
	SS-35	18
	SS-36	11
	SS-37	9
	SS-38	27
	SS-38	20 Check
	SS-39	10

<u>DEPTH (FT)</u>	<u>NO.</u>	<u>Au in ppb</u>
417' - 427'	SS-40	15
	SS-41	7
	SS-42	11
	SS-43	14
	SS-44	11
	SS-45	9
	SS-46	7
	SS-47	7
	SS-47	10 Check
	SS-48	16
	SS-49	16
	SS-50	7
	SS-51	9
SS-52	8	
537' - 547'	SS-52	6 Check

Gldtk9 (2)/dg

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-7
Page No: 1 of 4

Job: <u>Beardmore</u> N.T.S. Property: <u>Wilkinson</u> Twp./Prov.: <u>Elmhirst, Ontario</u> Location: Latitude: <u>0+53m N</u> Departure: <u>0+80m W</u> Elevation: _____		Drilled By: <u>Motherlode</u> Commenced: <u>December 6, '87</u> Completed: <u>December 8, '87</u> Length: <u>152.7m</u> Logged By: <u>S. M. Pudifin</u> Date: _____		Core Location: <u>Beardmore</u> Core Size: <u>80</u> Remarks: _____ Claim No: <u>907501</u>		Tests: Dip <u>Arizuth</u> @ Collar: <u>450</u> <u>0550</u> <u>93m</u> <u>550</u> <u>152.7</u> <u>580</u>			
From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description
0	2.73	2.73	Casing -	68599	5.60	6.10	.50	227	-0.5cm qtz vein 90' to ca. with blebs po, cp: tr. tourmaline
2.73	16.30	13.57	Dacite - Med. grey; generally f.-m. gr. (approx. 1mm - 2mm) feldspar & occasionally c. gr. subhedral feldspar phenocrysts; feldspar are almost obliterated; generally massive core & hard; minor thin calcite veinlets; -occasional more mafic vol. inclusions; Bleached zones from fractures & qtz lenses give weak foliation @ 5.90m @ 96° c.a.; 10.70m - 850 to c.a.; Sulphides are generally f. gr. diss. py with tr po; 1% po and assoc. blebs occur in bleached zones with qtz lenses.	68600 68711 68712 68713 68714 68715 68716 68717	16.30 22.30 23.58 25.85 32.83 33.33 38.35 39.60	17.75 22.80 23.90 26.35 33.33 34.40 38.85 40.40	1.45 .50 .32 .50 .50 1.07 .50 .80	28 58 20 48 24 12 22 8	-po infills fractures with calcite -silicified patches with diss. po -as above -fractured, qtz calcite veinlets @ 350 to c.a.; diss. -silicified, fractured, patches of po, replaced -veinlets of py & patches of po, py -sericite-chl. schists qtz lenses; shear -slightly sheared with silicified patches
16.30	18.45	2.15	Dacite; brecciated - Med. grey; similar to above but finer grained to aphanitic; massive -moderately fractured silicified patches, occasionally with epidote and f. gr. py and po; f. gr. masses of po occurs in matrix between fragments (3cm x 5cm)	68718 68719 68720 68721	41.50 43.35 57.05 59.36	43.35 44.30 57.50 59.85	1.85 .95 .45 .49	46 61 12 9	-silicified patches & sericite tr. tourmaline -silicified zones with wisps & blebs of po and cp. -250 to c.a.-chlorite sericite alteration, silicified; blebs -qtz sericite patches with massive py blebs
18.45	26.35	7.90	Dacite; pyroclastic - Similar to 2.73-16.30m but finer gr. in upper 3cm section; ash tuff - lapilli tuff Sulphides py, po tend to concentrate in silicified patches: 22.28-22.75m; 23.58-23.85m	68722 68723	67.80 71.80	68.60 72.45	.80 .65	(5 12	-f. gr. felsic ash tuff py veinlet -diss. po -diss. & lenses py in shear; foll'n. @ 250 to c.a.

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DIAMOND DRILL LOG AND SAMPLING RECORD

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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description:
26.35	38.75		Intermediate to felsic pyroclastics - Alternating fine ash tuff grading into lapilli stone; fragments up to 2cm diameter; angle to core axis: 28.50m @ 40°; 33.33m @ 25° (contact betw lapilli & ash) 35.00m @ 30°	68724	73.80	74.50	.70	18	-poorly banded with magnetite and cp 300 to c.a. -sericite-chlorite shear
				68645	85.43	87.14	1.71	5	-as above
				68646	87.14	88.56	1.42	5	-as above
				68647	88.56	89.97	1.40	5	-as above
				68648	89.96	91.88	1.92	7	-as above
				68649	91.88	94.07	2.19	235	-as above w. gouge; qtz augen. (swas. 545)
				68650	94.07	95.50	1.43	175	-as above & qtz (swas. 295)
				68651	95.50	96.38	.88	151	-sericite-chl. shear (swas. 225)
				68652	96.38	97.09	.71	654	-qtz & sericite patch diss. (swas. 908)
				68653	97.09	97.55	.46	559	-qtz & chl-sericite shear diss. (swas. 535)
				68654	97.55	99.78	2.23	790	-chl.-sericite shear diss. (swas. 965)
				68655	99.78	101.13	1.35	13	-chl-sericite shear diss.
				68734	128.25	129.40	1.15	(5	-patches of qtz & sericite blebs of f. gr. po.
				68735	129.40	130.75	1.35	(5	-same as above
				68736	130.75	132.25	1.50	(5	-same as above
				68737	140.70	142.22	1.52	7	-felsic tuff; bleb and lens of po & py
				68738	147.75	148.75	1.00	(5	-silicified rhyolite; tr. tourmaline, diss blebs.
38.35	38.85	0.50	Sericite-chlorite schist - Blochy yellowish sericite with qtz lenses, calcite and minor chlorite; foliation is chaotic and perpendicular to c.a.; 0.5% f. gr. py (also occurs as blebs) along foliation.						
38.85	83.80		Dacite-tuff - Med. grey; generally m. gr. lapilli; felsic fragments up to approx. 2-3mm in aphanitic ground mass; massive overall; with fragl. tuff poorly sorted feld. crystal. Altered silicified sericitic zones with minor brecciation @ the following intervals: 38.35-38.85m; 40.75-41.50m; 42.65-42.80m; 51.40-51.80m; 57.05-57.50m; 59.36-59.85m; 80.68-80.60m						
			Generally massive but foliation developed at following intervals: 71.80 to 72.45m @ approx. 25° to c.a. (shear) 73.80 to 74.50m @ 30° to c.a. (bands of magnetite) Mafic interval 81.75-82.45m; Mafic lens of m - f. gr. chlorite and calcite						

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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description:
83.80	101.00		Sericite-chlorite schist - Clove of sericite with calcite, qtz. and minor chlorite; Strongly foliated @: approx. 40° to c.a. Rubble and gouge: 91.71 to 92.58m; 98.70 - 100.60m Whitish qtz with chlorite-sericite along fractures @: 92.70-93.90m; 95.40-96.70m; 96.94-97.39m Pyrite occurs as f. - med. gr. diss. along foliation and within fractures in qtz.						
101.00	127.65		Felsic c. gr. pyroclastic (Rhyolite) - Light grey f. gr. with fragmental texture; fragments of lapilli tuff vary in size up to 3cm x diam. (agglom) fragments are subangular to subrounded and generally poorly sorted; patches of sericite common; silicified mafic interval - Mafic f. gr. lens of chlorite & calcite from 106.70m - 107.25m Foliation: 105.70m @ 45° to c.a.; 114.50m @ 45° to c.a. Minor disseminated sulphides present.						
127.65	144.05		Altered felsic pyroclastics - Light grey, blotchy; wisps & patches of sericite; silicified; frag. vary in orientation lined with calcite. Narrow intervals of dacite with subrounded relict fragments (up to 5cm); clusters of f. g. po common up to 4% with occ. traces of cp. Generally massive but weak foliation @ 50° to c.a. in narrow intervals.						

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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description:
114.05	152.07		Dacite - Med. grey; massive; f. st. groundmass with subhedral & subrounded feldspar phenocrysts to 2-3mm. 152.70m E.O.H.						

HOLE 87-7 SLUDGE ASSAYS

<u>DEPTH (FT - M)</u>	<u>NO.</u>	<u>Au in ppb</u>
	01	<5
	02	<5
	03	<5
	04	30
87'- 97' 26.4m-29.4m	05	232
	06	27
	07	5
	08	22
	09	<5
	10	28
137' - 147' 41.5m-44.5m	10	112 Check
	11	13
	12	13
	13	7
	14	8
	15	<5
	16	6
	17	37
	18	11
	19	20
	20	11
	21	9
	22	8
	23	7
	24	8
	25	14
297'-307' 90.0m-93.0m	26	313
	27	448
	28	1835
	29	273
337'-347' 102m-105m	30	79
	32	31
	33	Insufficient sample
	34	18
	35	<5
397'-407' 120.3m-123.3m	36	23

Gldtk10/dg

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-8
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Job: Beardmore N.T.S. Property: Wilkinson Lake Twp./Prov.: Elmhurst, Ontario Location: Latitude: 0-53 N Departure: 0-80 W Elevation:		Drilled By: Motherlode Commenced: December 8, '87 Completed: December 10, '87 Length: (607') 183.90m Logged By: S. M. Pudifin Date:		Core Location: Beardmore Core Size: 80 Remarks:		Tests: Collar: 307' 607'		Dip -60° 61° 62°		Azimuth	
From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description		
0	2.10	2.10	Casing	68739	2.10	3.35	1.25	(5)	m. gr. clusters of py diss. in qtz		
2.10	29.75	27.65	Dacite - Med. gr.; med. greenish grey; feld. phenocryst almost completely obliterated; generally massive; calcite along fracture surfaces; minor chlorite and epidote alteration; tr. tourmaline M-f. gr. clusters of py up to 3% occur in epidote-rich patches and also line fractures 19.10-20.25m: Fragmental; approx. 5% angular (approx. 0.2-1cm diam.). 26.62-27.65m: v.f. gr. with no feld. phenocrysts foliation developed from qtz-calcite vein and weak shear @ 55c to c.s.; f. gr. py up to 4% locally, diss. along foliation	68740 68741 68742 68743 68744 68745 68746 68750 68751	16.10 27.00 33.83 46.01 52.73 53.70 67.45 73.20 77.96	17.00 27.65 35.33 46.96 53.87 64.30 68.65 73.30 78.70	0.90 0.65 1.50 0.95 1.14 0.60 1.20 0.10 0.74	(5) (5) 54 (5) 10 (5) 5 (5) 12 7	epidote patches -fine diss. py in vuggy silicified zone; fracture filled -qtz calcite vein (1cm wide) sheared diss. parallel foliation -py along fracture -calcite - sericite shear; diss py -altered fragmental tr tourmaline; epidote fragments -altered fragmental tr tourmaline; epidote fragments -in qtz-calcite stringers & blebs -locally 2% py in qtz vein; massive blebs -calcite & chlorite vein (5cm wide) diss.		
29.75	37.60	7.85	Altered dacitic fragmental - Blotchy; med. greyish; f.-med. grained; silicified epidotized patches; fractured chloritic blebs; felsic fragments 31.90-35.52m: similar to 29.75-27.65m but feld. phenocrysts are more euhedral and broken (crystal tuff?); fracture subparallel to c.s. Py occurs as diss. grains and concentrates along fracture from 33.83 to 35.33m	68752 68753 68754 68756 68757 68658 68659	80.50 82.95 97.95 106.86 108.20 109.64 109.64 111.00	81.67 83.25 98.70 108.20 109.64 111.00 112.38	1.17 0.30 0.75 1.34 1.44 1.36 1.38	51 11 9 24 5 5 33	-shear; qtz-calcite stringers -calcite lens; chl. epidote diss. -lenses of sulphides assoc. with silicification & blue qtz lenses -mod. shear-sericite-chl.-calcite -400 to c.s. -concorded tour. shear-sericite-chl. -shear intense-contracted -shear-chl.-sericite;		

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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description
37.60	46.96	9.36	Dacite - Med. grayish-green; aphanitic-porphyrific; calcite veins common; commonly epidotized patches of chlorite; grades into massive felsic rock;	68660 68661 68662	112.38 113.82 115.20	113.82 115.20 116.56	1.44 1.38 1.36	9 15 134	-shear intense; diss. py -shear intense; thin qtz lens. -shear sericitic qtz lenses common (swas. 180)
			46.01-46.96m: Calcite wisps in fracture zone; minor local brecciation from qtz stringers	68663 68664 68665	116.56 118.17 118.49	118.17 118.49 119.73	1.61 0.32 1.24	360 501 154	- as above (swas. 435) -shear qtz vein 40° to c.a. (swas. 400) -chloritic-qtz lenses
			Finely disseminated pyup to 0.5%	68666 68667 68668	119.73 120.85 122.33	120.85 122.33 123.77	1.12 1.48 1.44	815 61 14	-shear sericitic (swas. 1008) -mod. sheared calcite veinlets -edge of shear; silicified
46.96	67.45	20.49	Dacite fragmental intercalated with massive porph. dacite	68669 68670	123.77 130.37	125.17 130.78	1.40 0.41	46 5	-as above -slightly sheared from two qtz veins; po along selvage
			Med. gray; f. gr. with coarse subrounded felsic fragments (3mm to 12cm); some fragments are epidotized; calcite wisps and veinlets common; minor chlorite.	68755 68756	141.60 147.60	142.90 147.95	1.30 0.35	173 (5	-silicified epidote zone massive & disseminated. -silicified epidote zone massive & disseminated
67.45	68.65	1.20	Pyrite minor, generally occurs as thin fracture coatings; po occurs as blebs and dissemination in epidotized, fragments and patches	68757 68758 68759	149.70 156.75 157.45	150.33 157.07 158.90	0.63 0.32 1.45	.5 7 12	-po bleb in calcite vein; diss py in epidote zone -blebs & diss. py @ 35° to c.a. -coarse gr.; bleb & diss. of po with ± py, cp diss.
68.45	89.98	20.83	Mafic Inclusion - Chlorite and Calcite - dk. green; f. gr. 40° for upper contact; 35° to c.a.; for lower contact: 0.25% py in qtz - calcite lenses and stringers	68760	182.65	183.50	0.85	9	-bleached felsic intervals + po
			Dacite - Med. gray; aphanitic-porphyrific c. gr.; narrow weakly foliated zones as result of qtz-calcite veins; chlorite and minor sericite common along fractured surfaces; traces of epidote & py occurs as fine diss. and fracture coating (up to 2%). Foliation: 70.20-70.50m @ 30° to c.a.; qtz-calcite vein (1cm wide) from 73.20-73.70m @ 15° to c.a.; 77.95-78.07m interflow banding @ 60° to c.a.; 78.51-78.59m calcite @ 35° to c.a.						

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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description:
			81.30-91.65m @ 350 to c.a. (minor shear) qtz; 82.95-83.25m @ 350 to c.a. Soft med. green chlorite band with tr po from 76.34-76.36m @ 550 to c.a. (upper CTC is qtz- rich; host calcite fragment).						
89.48	90.00	.53	Mafic inclusion (diabase) - f. gr. dark green; mainly chlorite and calcite; te; upper CTC to c.a. is 700 (sharp unaven); ophitic texture.						
90.00	106.35	16.35	Dacite - Similar to 68.65-89.38m but less phenocrysts (finer grained); upper CTC is "chilled" from mafic inclusion; interval is more fractured and hosts silicified patches with blueish qtz lenses and 2-3% po and 1% py from: 97.95 to 98.70m -abundant calcite veinlets in lower 3.0m						
106.35	121.80	15.45	Siliceous Chlorite-Sericite-Schist. Shear Zone Altered dacite; mainly f. gr. siliceous rock with abundant chlorite and sericite; calcite veins parallel to foliation common. Foliation: approx. 40-45° to c.a. (qtz & cal- cite lenses common; more sericite) 117.76-118.17m; Whitish qtz; minor (0.25%) py diss. in chloritic fractures Sulphides are predominantly f. gr. -m. gr. disseminated along the foliation.						
121.80	133.20	11.40	Altered dacite to rhyodacite fragmental - Med. light grey; f. gr. silicified patches with felsic subrounded fragments (up to 5cm diam.); f. gr. diss. py & po common. 130.50-130.55 and 130.65-130.70m; Qtz veins 2% po concentrates along selvages -500 and 400 to c.a. respectively.						

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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description:	
133.20	183.90		<p>Generally massive; wk foliation developed from 132.30-133.20m @ 45° to c.a.</p> <p>Decite - Med. gray; aphanitic intervals grading into aphanitic-porphyrific zones; calcite veinlets & fracture coatings common; f. gr. diss. po and py present.</p> <p>Altered sections host silicified patches with epidote 141.60-142.90m; 147.60-147.95; 149.80-150.33m; 152.80-153.00m; 156.85-156.95m sheared silicified interval with py.</p> <p>From 166.68 to 182.64m; coarse feldspar porphyry intercalated with v. f. gr. mafic (chlorite & calcite) intervals @ 175.80-176.45m and 176.98-177.03m; contacts at approx. 85° to c.a.</p> <p>183.90 E.O.H.</p>							

87-8 Sludge Samples

<u>No.</u>	<u>Depth (ft)</u>	<u>Au(ppb)</u>	<u>No.</u>	<u>Depth (ft)</u>	<u>Au(ppb)</u>
1.	7-17	(5	31.	307-317	27
2.	27	(5	32.	327	11
3.	37	(5	33.	337	28
4.	47	(5	34.	347	28
5.	57	(5	35.	357	16
6.	67	(5	36.	367	15
7.	77	(5	37.	377	95
8.	87	6	38.	387	98(au)
9.	97	32	39.	397	296
10.	107	27	40.	407	133
11.	117	19(au)	41.	417	70
12.	127	20	42.	427	28
13.	137	21	43.	437	9
14.	147	7	44.	447	12
15.	157	20	45.	457	15
16.	167	14	46.	467	12
17.	167-177	169	47.	477	21(au)
18.	187	38	48.	487	5
19.	197	43	49.	497	(5
20.	207	8(au)	50.	507	(5
21.	217	7	51.	517	10
22.	227	47	52.	527	(5
23.	237	26	53.	537	10
24.	247	21	54.	547	(5
25.	257	31	55.	557	(5
26.	267	25	56.	567	7
27.	277	9	57.	577	7
28.	287	12	58.	587	(5
29.	297	16(au)	59.	597	7
30.	307	8	60.	607	8(au)

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DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-09
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Job: Beardmore, N.T.S.		Drilled By: Motherlode		Core Location: Beardmore		Tests:			
Property: Wilkinson Lake		Commenced: December 11, '87		Core Size: 30		Dip: Asimuth			
Twp./Prov. Elmhurst, Ontario		Completed: December 13, '87		Remarks:		@ Collar: -450 0550			
Location: Latitude: 0+30 N		Length: 153.6m		Claim No: 907501		307'			
Departure: 0+60 W		Logged By: S. N. Pudifin				307'			
Elevation:		Date:							
From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Ag ppm	Au ppb	Sample Description
0	16.40	16.40	Casing	68764	29.25	29.58	(1.0)	9	qtz calcite vein bleached w. py on selv.
16.40	85.85	69.45	Feldspar Porphyry Dacite - m.-c. g. porphyritic; intercalated with massive aphanitic intervals; med. grey; calcite wisps and veinlets commonly occur in non-porphyrific intervals; minor epidote alteration and chlorite along fracture.	68765	34.50	35.30	(1.0)	33	along calcite wisps; silicified
			Qtz-calcite veins @: 29.42 - 5cm wide @ approx. 150 to c.a.; 74.25 - 2cm @ 100 to c.a.	68766	41.05	41.87	12.9	38	wk. shear foliation @ 40°; silicified
			Altered silicified zone; bleached commonly, with f. gr. epidote @: 34.80-72.25m (calcite approx. 1.5% po); 46.80-47.05m	68767	41.87	42.80	(1.0)	80	same as above
			Banding giving foliation: 41.05-42.80m; 400 to c.a. (contacts are gradational); minor shearing; 56.30-56.60m; silicified fractures (may be flow bands) @ 83.10	68768	46.75	47.12	(1.0)	13	silicified patch with epidote
			Fracturing with abundant calcite and bleached silicified zones; epidotized patches 60.95-66.30m	68769	60.95	62.00	(1.0)	200	calcite fract. bx sheared mod; f. gr. py dissem.
			Grain size coarsens with depth; contacts 350 to 400 to c.a.	68770	74.10	74.55	(1.0)	6	calcite vein with diss. f. gr. po & trace of py
			76.22m: Massive 3cm wide band (850 to c.a.) of brown sphalerite with blebs of massive py; Pyrite and traces of po finely diss. throughout interval; py frequently coats fracture surfaces.	68771	76.12	76.65	(1.0)	88	massive band of aphi. dacite with blebs of massive py
				68772	78.30	78.55	(1.0)	(5	diss po in aphi. dacite with qtz calcite lens.
				68773	85.85	87.90	10.0	7	shear zone with diss py
				68774	89.40	90.56	5.1	10	qtz-calcite lens & small chl.
				68775	92.50	93.50	(1.0)	13	sericite shear; diss py
				68696	99.33	100.38		27	aph. dacite with epidote f. gr. diss py
				68697	100.38	101.54		35	shear zone & gouge
				68698	101.54	103.16		13	qtz vein with chl. sericite slips & fractures
				68776	112.90	113.90	4.9	(5	shear; chl. sericite gouge at upper CTC
85.85	87.90	2.05	Shear zone: Chlorite-sericite schist f. gr; med greyish-green; strongly to moderately	68777	120.00	121.20	(1.0)	5	silicified; blebs po & assoc. cp. adjacent to calcite veinlets

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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Sample Description:
			<p>rately fold; predominantly chlorite; qtz; sericite with wisps and lamination of calcite and traces of epidote Foliation: 85.85-86.50m @ 30° to c.a.; 86.50-87.20m @ 40° to c.a.; 87.20-87.90m @ 25° to c.a. Qtz-calcite seam @ 86.92-87.00m with f. gr. dissem. py approx. 0.25%</p>	68778 68779 68780 68781 68782 68783 68784	122.30 131.05 134.05 135.05 135.81 137.01 138.50 142.95	123.05 131.90 135.05 135.81 137.01 139.80 144.38	8 6 6 13 5 (5) (5)	5.1 (1.0) 8.1 (1.0) (1.0) (1.0) (1.0)	-bleached silicified band with po.py -sil. tuff py diss. & along fract. -silicified carbonate zones -silicified epidotized patches -fracture silicified dacitic tuff -tuff; py within felsic fragments -silicified fractured epidote seam of massive py & diss.
87.90	99.33	11.43	<p>Dacite - Weakly porphyritic to generally aphanitic & massive; med grey-green rock; abundant calcite along fracture surface; epidote patches common Small shear: 90.40-90.56m similar to above unit with foliation @ 40° to c.a. Qtz calcite lens. @ 89.65-89.75m Black chloritic wisps from 95.38-95.70m.</p>	68785	150.60	151.25	5	5.2	-diss. f. gr. py assoc. with epidote patches
99.33	103.50	4.17	<p>Shear zone - Predominantly chlorite-sericite with thin calcite wisps parallel to foliation @ 40° to c.a.; clay-rich gouge at upper & lower contacts with qtz vein from 100.38-101.54m chlorite & sericite occurs along slips in qtz vein in association with approx. 0.5% py</p>						
103.50	123.05	20.45	<p>Dacite-altered - Slightly foliated to generally massive; light gray; all. wkly porphyritic intervals altered (phenocrysts are f. gr.; subrounded to nearly obliterated); randomly oriented calcite wisps and veinlets; sericitic in patches Angle to c.a. (foliation): 105.00-108.00m: @ contorted to 40° to c.a. 108.00-112.00m: 15° subparallel to c.a. Mottled appearance from silicified in lower 3.0m; diss. blebs of po and associated cp</p>						

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Au -ppb	Ag ppm	Sample Description:	
123.05	144.50	21.45	<p>common (up to 2%) and 0.25% py; po and py occasionally lines calcite fractures.</p> <p>Pyroclastics-Lapilli tuff-tuff breccia - Mottled light grey; fragmental texture; patches and angular fragments of felsic silicified rock sometimes epidotized; fragments of tuff vary from (2mm to approx. 1-2cm); traces of tourmaline throughout; calcite veinlets common; f. gr. diss. py usually occurs in silicified patches.</p> <p>131.90-133.50m; silicified dacite elongation of fragments @ approx. 50° to c.a. from 137.85-138.85m</p>							
144.50	153.60	9.10	<p>Dacite - Moderately porphyritic; subangular altered feldspar fragments 1mm to 8mm; minor tr epidote; calcite along fractures. Trace to 0.5% f. gr. diss. py</p> <p>153.60m E.O.H.</p>							

87-09 Sludge Samples

<u>No.</u>	<u>Depth. (ft)</u>	<u>Au(ppb)</u>
1.	57-67	34
2.	77	24
3.	87	34
4.	97	13
5.	107	40
6.	117	50
7.	147-157	331
8.	157-167	92
9.	177	47
10.	187	47
11.	197	16
12.	207	27
13.	217	23
14.	227	37
15.	237	18
16.	247	38
17.	257	15
18.	267-277	15
19.	297-307	20
20.	317-327	36
21.	327-337	85
22.	347	30
23.	357	25
24.	367	25
25.	377	12
26.	387	15
27.	397	16
28.	407	18
29.	417-427	36
30.	437-447	66
31.	447-457	14
32.	467	14
33.	477	35
34.	487	12
35.	497	9

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 37-10
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Job: Beardmore N.T.S. Property: <u>Wilkinson Lake</u> Twp./Prov.: <u>Elmhurst, Ontario</u> Location: Latitude: <u>0+30 N</u> Departure: <u>0+60 W</u> Elevation: _____		Drilled By: <u>Motherlode</u> Commenced: <u>December 13, '87</u> Completed: <u>December 15, '87</u> Length: <u>183.94m (607')</u> Logged By: <u>S.M. Pudifin</u> Date: _____		Core Location: <u>Beardmore</u> Core Size: <u>BQ</u> Remarks: _____ Claim No: <u>TB 907501</u>		Tests: @ Collar: _____ <u>300'</u> <u>600'</u> _____		Dip <u>-60°</u> <u>-60°</u> <u>-60°</u> _____		Azimuth <u>060°</u> _____	
From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description		
0	12.88		Casing -								
12.98	15.38	2.50	Rhyolite - light grey to buff; massive; crosscut by calcite veinlets; strongly fractured, gouge associated with qtz-calcite vein - subparallel to c.a. from 14.35 to 15.30 m (causes numerous local brecciation)	93556	14.35	15.30	0.95	35	-Gouge associated with qtz-calcite vein; 1-2% py in vein		
15.38	97.55	82.17	Dacite - Porphyritic Med. grey to greenish-grey; aphanitic grading into sphanitic-porphyrritic core; generally massive cross cut by numerous calcite veinlets; minor buff coloured silicified patches; minor talc along fractures	93557A	22.30	22.90	0.60	120	-py in dacite; qtz-calcite veins 90° to c.a.		
			40.60-40.85m; silicified band offset by 2 sets of fractures; 1 @ 70° to c.a.; 2nd @ 15° to c.a.	93558A	28.70	28.98	0.28	30	-massive py in silicified patches; minor calcite		
			Qtz calcite vein; 2cm wide @ 70° to c.a. with massive po and tr py within;	93559A	40.48	41.08	0.33	10	-silicified zone w disse. py; offset; silicified tension gashes		
			Epidote alteration common within feldspar phenocrysts; 68.90-69.20m; foliated, chlorite rich with qtz calcite vein parallel to foliation @ ~50° to c.a.; disse. py	93560A	47.17	47.50	0.33	10	-speckled black mineral, tourm?		
			Strongly fractured core; rubble from 75.15-76.75m	93561A	58.80	59.15	0.35	37	qtz-calcite vein 2 cm wide, w:po, py		
			Mineralization is restricted mainly to qtz-calcite veinlets and bleached zones; mainly py but po present as well.	93562A	64.02	64.50	0.48	10	-silicified, bleached with calcite veinlets @ 60° to c.a.; f. gr. py		
				93563A	68.90	69.46	0.56	1323	-silicified v. 0.25% disse. po. -sheared w qtz-calcite vein, lower end silicified; py		
97.55	98.05	0.50	Mafic Dyke f. gr.; dk. green; mainly chlorite and calcite;	93564A	83.05	83.40	0.35	22	-bleached, epidote; 0.5% po tr py		
				93565A	84.90	85.40	0.50	165	-bleached, mottled zone; silicified with 2% po, 0.5% py		

GREATER TENAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description
98.05	105.45	7.40	upper contact @650 to c.a.; lower contact @ 900 to c.a. Dacite, Porphyritic - Similar to 15.38-97.55m; feldspar phenocrysts range (0.5mm to 5mm (subhedral); also intercalated with narrow massive aphanitic non-porphyritic interval from 89.55-89.85m	93566A	87.25	87.48	0.23	10	-calcite vein @ 25% to c.a.; po and py blebs within
105.45	105.98	0.53	Mafic Dyke - Similar to 95.77-98.05m; upper & lower contacts @550 and 500 to c.a.						
105.98	112.20	6.22	Dacite: Porphyritic - Similar to 98.05-105.45m	93567A	112.33	113.33	1.00	14	-shear; chl-sericite-calcite ± talc with f. gr. diss. py
112.20	115.20	3.00	Dacite: Shear - Moderate shearing; mainly chlorite-sericite-talc calcite schist; foliation is @ 150 to c.a.; f. gr. traces of dissem. py throughout	93568A 93569A	113.33 114.94 115.20	114.94 115.20	1.61 0.26	26 6	-similar to above -similar to above, more sericite and some silicification, 1% py
115.20	118.75	3.55	Rhyodacite Tuff: Fragmental Strongly sericitized; light gray; f. gr.; grades into aphanitic rock with fragments up to 3cm in diam.; py tends to occur around altered patches on fragments; wk. foliation @ 300 to c.a. Gradational contact into dacite	93570A 93571A 93572A	115.20 116.80 117.53 118.78	116.80 117.53 118.78	1.60 0.73 1.25	8 6 12	-sericitized, wk foliation, diss. f. gr. py -sericitized, fragments altered; py within & surrounding frags. - similar to above
118.75	120.13	1.38	Dacite - f. gr. med. grey-green; aphanitic, wk foliation @ 460 to c.a.; tr. f. gr. dissem. py; occasionally occurs in clusters	93573A	118.75	119.40	0.65	(5	-dacite; tr. f. gr. py. ± chl.
120.13	132.40	12.27	Shear Zone: chlorite-sericite schist; with calcite often surrounding fragments; foliation varies with depth (see sample description); py is generally dissem.	68510 68511	120.13 121.36	121.36 122.05	1.23 0.69	30 22	-shear schistose fragments of dacite surrounded by calcite; tr. py -shear, qtz-sericite-chl. schist; irreg. qtz stringers; tr py, 30% to c.a.

GREATER TENAGAMI MINES LIMITED
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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description
			and occurs throughout intervals up to 1% locally		122.05	123.35	1.30	18	-as above (no qtz stringer), more calcite
			Most intense shearing from 130.30-131.00m		123.35	125.47	2.12	103	-shear; intensely fractured, 400 c.a. chl.-sericite schist ± calcite, qtz stringers
132.40	143.50	11.10	Dacite to Rhyodacite - fragmented - Med. grey; aphanitic; generally massive with abundant sericite and cross cutting calcite veinlets; some narrow intervals host relict fragments (fragments are subangular to sub-rounded and more felsic than the surrounding groundmass); bleached, silicified patches common with sericite and calc; tr. 0.25% f. gr. dissem. py; py also coats fractures	68512 68513 68514 68515 68516 68517	125.47 126.90 128.41 129.86 129.86	126.30 128.41 129.86 132.26	1.43 1.51 1.45 2.40	39 569 187 26	- as above -more sericitic; up to 10cm, white qtz vein & stringers contorted (swas.565) -as above but almost no qtz. (swas.250) -130.30-131.00m is rubbly, intensely sheared with gouge -band of massive po & py; 1cm wide @ 80° to c.a. small -porphyritic dacite; chl. & epidote with tr py, po & cp -up to 2% masses of po along chlorite zones; py along calcite veinlets.
143.50	180.60	37.10	Dacite (porphyritized) - med. grey; aphanitic with partially obliterated feldspar phenocrysts, <1mm to 3mm in diameter; 153.84-153.94m: rhyolite; carbonatized	93574A 93575A 93576A	146.95 155.46 161.25	147.25 156.06 160.10	0.30 0.60 0.85	5 8 (5)	
180.60	180.80	0.20	Tuff - Aphanitic, bleached, silicified; fractured; tr. f. gr. py						
180.80	183.94	3.14	Dacite, Aphanitic 181.25-181.75m; banded @ 350 to c.a. 182.48-183.68m; more felsic; chloritic bands @ 450 to c.a. grading into qtz-calcite vein @ 183.01 (2-3 cm wide)	93577A	182.48	183.26	0.78	(5)	-chlorite bands qtz-calcite vein; tr. py
			-chlorite-filled fractures in lower 50cm; tr. dissem. py						
			183.94 E.O.H.						

87-10 Sludge Samples

<u>No.</u>	<u>Depth (ft.)</u>	<u>Au(ppb)</u>
1.	56-67	10
2.	67-77	110
3.	77-87	29
4.	87-97	14
5.	107-117	6
6.	127-137	15
7.	137-147	8

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-11
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Job: Beardmore N.T.S.		Drilled By: Motherlode		Core Location: Beardmore		Tests:		Dip	
Property: Wilkinson Lake		Commenced: December 15 '87		Core Size: 80		@ Collar: 300'		Azimuth	
Twp./Prov.: Elmhurst, Ontario		Completed: December 15 '87		Remarks:				-450	
Location: Latitude: 0+80 N		Length: 168.8m						48.50	
Departure: 0+40 W		Logged By: S.M. Pudifin		Claim No: 907501					
Elevation:		Date: February 4, '88							
From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description
0	8.20	0	Casing	68901	8.20	9.63	1.43	(5)	-approx. 8% f. gr. py clots in epidotized dacite
8.20	11.50	3.30	Dacite (altered) - f. gr.; med. green; sil ground mass with epidotized feldspar sphericles & minor chlorite and traces of calcite occur with epidote; f. gr. clots of py up to 1% throughout interval; generally massive.	68902	9.63	10.90	1.27	8	-as above
				68903	10.90	12.17	1.27	42	-as above & into shear (1% py)
				68904	12.17	13.12	0.95	70	-qtz wisps and lenses with talc-sericite clots or frags. (.7% py)
				68905	13.12	14.13	1.01	25	-abundant talc-sericite sil. clots or fragments (0.5% py), diss. py
11.50	41.00	29.50	Weak Shear Zone (Dacitic-Fragmental) - Similar composition to above but finer grained and epidote is not present; foliation varies and is present as follows: 11.50-12.90m: 45° to 50° to c.a. 12.90-25.75m: 90° to c.a.; (with minor local variation) 25.75-29.67m: 400-350 to c.a.; 29.65-30.83m @ 200 to c.a.; approx. 75° to 41.00m Interval consists of wispy finely laminated calcite commonly occurs between fragments (up to 2cm); intervals are schistose & sometime with abundant talc & chlorite; sulphides are finely disseminated v. f. g.-f. gr. py	68906	14.13	15.39	1.26	15	-thin wispy laminations with occas. qtz calcite veins or clots
				68907	15.39	16.89	1.50	11	-as above with approx. 0.5% v. f. g. py
				68908	16.89	18.31	1.42	15	-as above
				68909	18.31	19.70	1.39	13	-more calcite fragments (bx) with talc-sericite zones
				68910	19.70	21.12	1.42	11	-as above with narrow interval with siliceous felsic fragments
				68911	21.12	22.60	1.48	10	-fragments almost obliterated from shearing v. f. gr. py to 0.75%
				68912	22.60	23.99	1.39	310	-as above; wisps lensoidal frag. qtz bands in lower 19cm
				68913	23.99	25.50	1.51	13	-as above; fragments less obvious calcite lamination; 0.25% py
41.00	59.00	18.00	Fragmental-Dacite to Rhyolite - med. light grey; aphanitic with more siliceous felsic subrounded fragments (suff); mottled appearance; frag. are poorly sorted (approx.	68914	25.50	26.93	1.43	21	-lensoid stretched out frag. chl. & talc-sericite

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Hole #: 87-11
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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description:
59.00	92.40	33.40	Dacite to Rhyodacite - aphanitic; med. grey; generally massive; silicified zone with altered f. gr. feldspar; Granitic contacts into rhyo-dacitic intervals (bleached lighter grey to buff; often with silicified fractures & probably brecciated flow tops. E.g. 75.10-75.60m; 79.00-79.30m); porphyritic towards lower end of interval.	68915 68916 68917 68918 68919 68920 68921 68922	26.93 28.41 29.67 29.99 30.83 31.53 33.23 35.57 37.07	28.41 29.67 29.99 30.83 31.53 33.23 35.57 37.07	1.48 1.26 0.32 0.84 0.70 1.70 2.34 1.50	49 312 30 1369 5635 466 229 190	-f. gr. py approx. 0.5% as above; tr cp? in silicified zone adj. to qtz fract. -strongly sheared esp @ 29.30m f. gr. py -white cloudy qtz; tr py? -sheared @ approx. 250 to c.a. approx. 0.25% py -qtz-rich with chlorite-sericite slips & tr. py -approx. 2% f. gr. py in fragmental lower 1/2 abundant qtz. -lower 35.20m wispy stretched out fragments; calcite -stretched out felsic fragments with minor chl. & qtz stringers
92.40	94.90	2.50	Wk Shear Zone - Dacite with chlorite altered feld; qtz stringer & abundant (laminated) dacite alteration moderately to weakly sheared giving foliation @ approx. 450 to c.a.; Qtz stringer from 94.26 to 94.32m 6cm wide produces approx. 8-10cm silicification on either side.	68923 68924 68925 68926	37.07 38.52 39.98 41.38	38.52 39.98 41.38 42.69	1.45 1.46 1.40 1.31	10 36 16 7	-as above -as above, less sheared; irreg. shaped fragments -approx. 0.5% v. f. gr. py -fragmental; silicified approx. 0.7% py
94.90	107.65	12.75	Dacite - med. grey; aphanitic porphyritic; with some zones of minor brecciation and silicification; sulphides py & po associated with fractures and chlorite zones.	68872 68873 68874 68875 68876	42.69 44.10 47.15 48.60 50.10 50.90	44.10 47.15 48.60 50.10 51.40	1.41 3.05 1.45 1.50 0.50	14 6 8 6 16	-as above -as above -as above -as above -calcite-qtz band & sericite-epidote; py approx. 0.25% v.f.g.
107.65	111.62	4.00	Fragmental-Lepilli Stone - Dacitic; light grey aphanitic ground mass with subangular, generally darker coloured fragments from 2mm to 5cm in diameter; some brecciation of fragments; sil. zones occur	68877 68878 68879 68880	52.50 53.43 57.63 64.83	52.76 54.38 58.90 65.30	0.16 0.95 1.27 0.47	7 16 6 6	-approx. 1% dias. py -53.70-53.76m calcite with py -disseminated py -altered phenocrysts (dacite) with tr cp.

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DIAMOND DRILL LOG AND SAMPLING RECORD

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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description:
			occasionally (rhylitic fragments); fragment outlines are sometime almost obliterated; randomly oriented calcite veinlets; sulphides associated with chloritic fragments generally; py coats fractures	68881 68882	65.30 65.40	65.40 65.80	0.10 0.40	8 5	-calcite vein @ 300 to c.a. -py along veinlets & fractures in altered dacite -1% f. gr. cluster of py assoc. with calcite; tr po.
111.65	112.75	1.10	Dacite - light to med. gray; porphyritic; feldspar phenocrysts are corroded & up to 2mm in diam; tr finely diss py	68883 68884 68885	69.05 70.21 76.45	69.17 70.75 76.75	0.12 0.54 0.30	7 8 (5)	-1% f. gr. cluster of py assoc. with calcite; tr po. -approx. 0.5% f. gr. po -qtz veinlets @ 300 to c.a. with approx. 0.75% po
112.75	122.88	10.13	Fragmental-Lapilli Stone - Similar to 107.65-111.65m; po occurs as massive infilling of qtz vein in places	68886 68887	76.90 80.68	77.22 80.90	0.32 0.22	(5) 6	-qtz-calcite veinlets @ approx. 250 to c.a.; 0.25% po -laminated w/ich silicified bands po ± cp trace to 2-3%
122.88	124.65	1.77	Strongly Altered Zone - Mineralized. Almost completely silicified; buff col. with darker greenish chloritic zones; randomly oriented fractures; up to approx. 1% py and 2-3% po in fracture and dissemination throughout (more abundant in chloritic zones)	68888 68889	80.90 86.40	82.49 86.55	1.59 0.15	7 11	-altered silicified-rhyodacite fragmental with approx. 1% po -calcite vein with silicification on either side; 0.5% py
124.65	133.24	8.59	Dacite - Slightly porphyritic; upper contact mod. brecciated; grades into qtz non-porphyrific dacite; Generally massive; fracturing from approx. 132.40-133.40 @ approx. 300 to c.a.; py occurs along calcite veinlets and diss. throughout chloritic domains of core	68518 68519 68520 68521 68522	90.66 92.05 93.35 93.84 94.59	92.05 93.35 93.84 94.59 96.03	1.39 1.30 0.49 0.75 1.44	(5) (5) (5) 7 (5)	-porphyritic dacite; tr epidote; tr. to 0.25% f. gr. py -as above grading into non-porphy. flow -foliated dacite with abundant calcite; 0.25% f. gr. py - 6cm qtz vein-silicified contact; approx. 0.25% py -dacitic; porphyritic; minor ep.; tr to 0.25% f. gr. py
133.24	136.75		Dacite-Feldspar Porphyry - Aphanitic; med. gray ground mass with moderate to slightly porphyritic texture; tr finely diss. py in groundmass and along fracture surfaces	68890 68891	99.65 105.23	99.83 105.57	0.18 0.34	6 (5)	-more mafic (chloritic) interval with 0.5cm qtz veins with massive po ± py -blebs of f. gr. po within chlor. clots surrounded by bleached sil. zone

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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description
136.75	138.94	2.19	Dacite aphanitic; similar to 124.65-133.24m -minor local zones randomly oriented fractu- res; tr f. gr. py ± po?	68892	105.80	106.45	0.65	(5)	-lenses of qtz, f. gr. diss. po to 0.3% ± f. gr. py
138.94	139.89	0.95	Dacite-Feldspar Porphyry - Similar to 133.24-136.75m but slightly darker grey in colour	68893	108.20	108.55	0.35	(5)	-brecciation; silicification; subangular fragments; po in fragments
139.89	168.80	28.91	Dacite - (non porphyritic generally) -med. dark greenish grey; commonly cut by thin qtz carbonate veins or veinlets; 141.60m @ 300 to c.a. 142.45 @ approx. 150 to c.a. causing local brecciation 144.25m @ approx. 150 to c.a. with blebs of massive po, py ± cp (up to approx. 2%); 144.90m @ 100 to c.a.; 150.70m @ 350 to c.a. -several narrow silicified patches (could be altered rhyolite) occur up to about 155.0m. Remainder of hole fairly homogeneous & vary siliceous; blacker in colour -f. gr. diss. py in ground mass with f. gr. po generally in chloritic zones; breaks almost concordially	68894	108.55	109.40	0.85	(5)	-silicified-2 phases of fracturing; py along fracture; tr po
				68895	109.40	110.00	0.60	10	-silicified; as above; minor calcite
				68896	113.50	114.20	0.70	(5)	-lapilli stone; bronzy po occurs along fractures & in chl. fragment
				68897	114.20	114.95	0.75	9	-bronzy f. gr. po to 2% in sl. more chlorit. rock
				68898	117.30	117.80	0.50	8	-silicified zone with approx. 1% py, 1% f. gr. po
				68899	118.90	119.28	0.38	6	-qtz-calcite vein @ 600 to c.a. massive po
				68900	119.58	119.90	0.32	(5)	-0.5% finely disseminated py
				68952	120.50	120.60	0.10	8	-qtz-calcite vein @ 500 to c.a. with massive po & cp
				68953	122.88	123.60	0.72	8	-silicified with approx. 1% py & 0.5% po; chloritic zones
				68954	123.60	124.40	0.80	9	-silicified; approx. 3% po
				68955	124.40	124.60	0.20	8	-altered-chlorite & calcite with approx. 3% po
				68956	131.20	131.70	0.50	8	-qtz lens with sericite qtz ± chlorite approx. 1% po
				68957	132.84	133.24	0.40	10	-qtz vein with assoc. 0.5% po ± py in fracture
				68958	141.30	141.73	0.43	(5)	-qtz vein approx. 1cm wide @ 300 to c.a. with po & py in fractures
				68959	144.15	144.50	0.35	(5)	-qtz calcite vein @ 150 to c.a. hosting cp. po, py
				68960	152.80	153.30	0.50	8	-altered silicified slightly chl. ± calcite with po, py approx. 1%
				68961	164.70	165.60	0.90	(5)	-minor epidote & associated py; po associated with chloritic zone

168.80m B.O.H.

87-11 Sludge Samples

<u>No.</u>	<u>Depth (ft.)</u>	<u>Au(ppb)</u>	<u>No.</u>	<u>Depth (ft.)</u>	<u>Au(ppb)</u>
1.	27-37	7	31.	357-367	28
2.	47	51	32.	377	21
3.	57	36	33.	387	9
4.	67	12	34.	397	14
5.	77	50	35.	407	16
6.	87	21	36.	427	(5
7.	87-97	153	37.	427	5(au)
8.	107	675	38.	437	10
9.	117	325	39.	447	5
10.	127	97(au)	40.	457	(5
11.	137	42	41.	467	13
12.	147	87	42.	477	7
13.	159	43	43.	487	11
14.	167	40	44.	497	12
15.	167-177	37	45.	507	8
16.	187-197	26	46.	517	12(au)
17.	207-217	18	47.	427	11
18.	227-237	27	48.	537	10
19.	237-247	18(au)	49.	547	49
20.	257	18	50.	547-557	10(au)
21.	257	45			
22.	277	17			
23.	287	12			
24.	297	19			
25.	307	23			
26.	317	20			
27.	327	16			
28.	337	10(au)			
29.	347	(5			
30.	347-357	5			

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-12
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Job: Beardmore N.T.S. Property: Wilkinson Lake Twp./Prov.: Elmhurst, Ontario Location: Latitude: BL Departure: O+40 E Elevation: _____		Drilled By: Motherlode Commenced: December 13, '87 Completed: December 20, '87 Length: 166.97m (547') Logged By: S.M. Pudifin Date: February 28/88		Core Location: Beardmore Core Size: BQ Remarks: _____ Claim No: TB907506		Tests: @ Collar: 307' 497' Dip: -450 450 Azimuth: 3300 _____			
From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description
0	10.80	0	Casing -	68560	10.80	12.95	2.15	7	-chl.-sericite sheat; white qtz @12.24m; 0.25% py
10.80	14.70	0.38	Dacite - Shear - dark to med. greenish grey; f. gr.; predominantly chlorite with calcite & minor sericite; looks like chloritic schist, white qtz with chloritic slips from 12.24 to 12.34m; f. gr. dissem. py up to 0.5% occurs along foliation planes; sheared @ ~50c to c.a.	68651	12.95	14.70	1.75	(5)	-as above with narrow contorted qtz stringers
14.70	28.59	3.38	Dacite - Altered - Porphyritic up to 15.20m; generally med. grey massive; altered patches of buff coloured sericite with minor epidote throughout interval calcite veinlets randomly oriented also common; fine gr. py is disseminated throughout interval but especially concentrated within altered zones of calcite and sericite silicification.	93741A 93742A 93743A 93744A 93745A 93746A 93747A 93748A 93749A	16.30 19.75 19.25 20.65 21.59 22.11 23.55 25.00 26.36 27.74 28.52	17.75 19.75 20.65 21.59 23.55 25.00 26.36 27.74 28.52	1.45 1.50 1.40 0.94 1.44 1.45 1.36 1.38 0.85	7 (5) 11 25 (5) (5) 27 41 8	-f. gr. dissem. py generally assoc. with calcite and/or sericite patches -same as above -same as above -same as above -same as above -same as above -same as above -same as above
28.59	37.70	9.11	Dacite - Massive flow - med-dk. grey; chlorite is common; negligible sericite patches; calcite veinlets common; tr. dissem. py and po, especially along fracture surfaces	93750A	37.70	37.90	0.20	49	-gouge ~ 1% f. gr. py,
37.70	37.90	0.20	Flow Top Breccia - Agglomerate Sericite fragments surrounded by calcite; f. gr. py occurs around fragments; minor qtz with calcite, clay rich gouge present						

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-12
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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description
37.90	40.49	2.59	Dacite	93751A	39.11	40.49	1.38	7	-1% f. gr. dissem py
40.49	40.63	0.14	Weakly porphyritic; dissem. fr. gr. py						
40.63	42.47	1.84	Dacitic Tuff - Laminated @ 60° to c.a.	93752A	40.63	42.47	1.84	18	-patches of calcite with 2% f. gr. py
92.47	65.90	23.43	Dacite Similar to 37.90-38.28m; patches of calcite with sericite commonly host; f. gr. py	93753A	42.47	43.22	0.75	7	-blebs of dissem. py up to 0.5%
			Rhyolite - Lapilli Tuff	93754A	46.14	47.64	1.50	10	-py in silicified-epidote patches(0.75%)
			light grey, mottled texture; minor blebs of disseminated py in silicified epidote-rich zones; grades into fragmental tuff; lapilli-tuff fragments are usually lighter grey than matrix; pyrite is also ubiquitous throughout core; narrow intervals of dacite within rhyolitic interval	93755A	47.64	49.14	1.50	7	-same as above
				93756A	50.90	52.40	1.50	11	-same as above
				93757A	52.40	53.90	1.50	15	-as above. & dissem. py throughout
				93758A	53.90	55.40	1.50	(5	-same as above
				93759A	55.40	56.90	1.50	7	-as above, minor sericite
				93760A	56.90	58.40	1.50	8	-same as above
				93761A	58.40	59.90	1.50	12	-f. gr. dissem. py up to 1%
				93762A	59.90	61.40	1.50	6	-as above, w sericite along fracture surfaces
65.90	79.43	13.53	Dacite: Aphanitic porphyritic Med. greyish green; feldspar crystals range in size from 1mm to 6mm; minor calcite veins cause darker grey colouration at the selvage; traces f. gr. py throughout; altered silicified patches host dissem. py and po; tension veins & veinlets filled with blebs of po and py where weak brecciation is observed (see sample description)	93763A	61.40	62.90	1.50	(5	-similar to above but less py (0.25%)
				93764A	62.90	64.40	1.50	(5	-same as above
				93765A	64.40	65.90	1.50	(5	-same as above
				93766A	70.30	71.58	1.28	18	-weakly brecciated zone; tension veins filled with Qtz and 3% py, 2% po, tr. cp;
				93767A	71.58	72.08	0.50	8	-altered zone, chlorite rich, chlorite filled with f. gr. dissem. py & po, 1%
79.43	80.48	1.05	Mafic Dyke - m. gr.; dark green; intensely chloritized -carbonated; tr. f. gr. py	93768A	74.78	75.28	0.50	(5	-silicified patches with epidote host dissem. py 0.75%

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-12
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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description:
80.48	83.15	2.67	Dacite: Porphyritic - Similar to 65.90 - 79.43m	93769A	81.13	81.38	0.25	68	-massive py vein @ 250 to c.a. 0.5cm wide
83.15	84.25	1.10	Mafic Dyke - m.-c. gr.; similar to 78.43-80.48m; lower contact @ 150 to c.a.						
84.25	93.29	9.04	Dacite: Porphyritic - Similar to 65.90-79.43m; minor po with py towards bottom of interval	93770A	92.53	93.29	0.76	25	-f. gr. po with 0.5% dissem. py assoc. with fractures & attach blebs
93.29	108.67	15.38	Dacite: Massive flow - med.-dk. grey aphanitic; cut by calcite ± qtz veins from 2.5cm to 4mm-wide; tr. to 0.25% dissem. py within; usually occurs @ 650 to c.a.	93771A	93.29	94.24	0.95	40	-0.25% dissem. f. gr. blebs po with traces py; also assoc. w. qtz calcite veins
108.67	113.07	4.40	Silicified Dacite - patches of lighter grey from silicification, fracturing infilled with calcite & qtz; f. gr. dissem. po up to 0.25% with traces of py throughout	93772A	102.90	103.18	0.28	15	-silicified; bleached with 0.5% po and 0.5% py
113.07	166.97	53.09	Dacite - Weakly porphyritic; f. gr. ghosts of feldspar massive with minor calcite veinlets cross-cutting core at random angles; chlorite commonly lines fracture surfaces; tr. py is dissem. throughout and occasionally occurs on fracture surfaces; tr. blebs of po also present.	93773A 93774A 93775A 93776A 93777A 93778A	108.67 110.17 111.67 111.67 134.73 140.57 153.52	110.17 111.67 113.07 135.18 140.90 154.39	1.50 1.50 1.40 0.45 0.33 0.87	50 30 5 7 (5 (5	-tr -0.25% f. gr. py & 0.25% small blebs & dissem. of po -tr. dissem. py in silicified zones tr. f. gr. po -0.5% blebs of po -white qtz-calcite veins, 4cm wide with po (5cm x 1cm), tr. cp. -po with qtz-calcite vein @ 200 to c.a. -qtz-calcite vein subparallel to c.a. tr. dissem. py
			144.50-146.25m: core is rubbly & fractured 153.52-154.39m: qtz-calcite vein subparallel to c.a.; associated f. gr. dissem. py present; 162.00m: qtz-calcite vein cause local brecciation.						
			166.97 E.O.H.						

87-12 Sludge Samples

<u>No.</u>	<u>Depth (ft.)</u>	<u>Au(ppb)</u>
1.	47-57	11
2.	57-67	16
3.	67-77	10
4.	77-87	10
5.	87-97	(5
6.	97-107	37
7.	107-117	(5
8.	117-127	(5
9.	127-137	15
10.	137-147	6
11.	167-177	(5
12.	177-187	8
13.	187-197	8
14.	197-207	(5
15.	207-217	9
16.	237-247	(5
17.	247-257	(5
18.	257-267	12

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-13
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Job: Beardmore N.T.S.		Dilled By: Motherlode		Core Location: Beardmore		Tests:		Azimuth	
Property: Wilkinson Lake		Commenced: January 5, 1988		Core Size: BQ		@ Collar: 590			
Twp./Prov.: Elmhurst, Ontario		Completed: January 8, 1988		Remarks:		307'			
Location: Latitude: 10MS		Length: 183.9m		Claim No: 907506		607'			
Departure: O+40 E		Logged By: S.M. Pudiffin							
Elevation:		Date: March 14, 1988							
From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description
0	11.20	0	Casing -						
11.20	26.98	15.78	Dacite - med. grey; f. gr. to aphanitic; weakly porphyritic; feld. phenocrysts to 0.5cm; 11.20-12.80m is rubbly, fractured into pieces <4cm; minor iron staining along fracture surfaces; minor calcite veinlets; py occurs as fracture filling and disseminated; f. gr. crystals; 16.97-18.60m: weakly brecciated, silicified with ~2% f. gr. py minor traces of sericite towards bottom of interval	93830 93831 93832	13.44 15.65 16.97	14.04 16.40 18.60	0.60 0.75 1.63	20 14 250	~1% py along fracture and dissem. within dacite ~2-3% f. gr. dissem. py -silicified; weakly brecciated with 1-2% f. gr. dissem. py
26.98	28.64	1.66	Sheared Dacite -	68701	26.98	28.64	1.66	124	~1% py in qtz. stringers; along foliation planes
28.64	66.87	38.23	Dacite - Similar to 11.20-26.98m. -mainly porphyritic; feld. phenocrysts to 4mm -intervals of massive non-porphyritic dacite intercal'd with porphyritic intervals; light-greenish yellow silicified patches common where qtz veinlets occur; crosscut. by later qtz-veinlets; minor purplish-blue qtz in some porphyritic zones.						

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-13
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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description:
28.64	66.87	38.23	Shear Zone - Chlorite-sericite-carbonated schists Moderately well sheared; foliation varies as described in sample description. -generally py is f. gr. & dissem. along the foliation; more abundant py assoc. with light green silicified patches	68702	51.64	52.93	1.29	17	-v. f. gr. dissem. py, ~0.5%; sheared @ 250 to c.a. -v. f. gr. dissem. py, ~0.5%; sheared @ 250 to c.a. -sheared at 320 to c.a.; reddish orange qtz; qtz stringers 0.25-0.5% py -contorted reddish-orange qtz blebs sheared at 400 to c.a.; tr. py -shearing at 250 to c.a.; lower interval is intensely sheared with g. uge 0.5% py -sheared at 300 to c.a.; qtz-calcite blebs; 1 - 2% py -similar to above; with 0.5-1% py in silicified patches, reddish stringers -as above, silicified patches assoc. with more py -as above, 0.5% f. gr. dissem. py sheared at 300 to c.a. -moderately sheared @ 400 to c.a. -0.25% py; slightly more felsic than above
66.87	81.30	14.43	Dacite - Med. to light gray; aphanitic; weak to moderate shearing in upper part of interval; subrounded fragments(?) from 0.5cm to 5 x 9 cm; sericitized -qtz-calcite stringers cause local weak brecciation with minor f. gr. py.	93834	65.47	66.87	1.40	16	-as above with irregularly oriented qtz-calcite stringers -fractures from qtz-calcite veinlets; siliceous; 0.5% py -as above
81.30	112.10	30.80	Dacite - Rhyodacite Fragmental - Subangular to subrounded fragments are generally more felsic; occasional py between fragments; silicified light greenish-gray patches are common -qtz-vein with minor calcite at selvedge from 91.40-96.47m @ 410 to c.a.; minor very f. gr. py	93836	73.22	74.72	1.50	10	-breccia; py up to 0.5% between rock fragments -py is replacing chlorite-rock fragments (~ 2%) -1% f. gr. py & 0.5% f. gr. po; dissem. throughout -massive blebs po with tr. cp within qtz vein sub perpendicular to c.a.
				93837	83.94	84.55	0.61	13	
				93838	89.48	89.82	0.34	23	
				93839	103.65	101.15	1.50	7	
				93840	112.32	112.47	0.15	6	

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-13
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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description
			-91.00-93.50m; v.f. gr. tuff; soft chlorite rock ... traces of epidote associated with silicified patches	93841 93842	113.67 115.98	113.96 116.43	0.29 0.45	9 6	-as above -fractured with calcite, 2% py along surfaces ~1% v.f.g. disse. py;
112.10	120.00	7.90	Dacite - Med. gray; aphanitic, massive, qtz veins commonly host blebs of po and minor cp; occasional qtz calcite veinlets. Dacite to Rhyodacitic Fragmentals - Tuff grading into altered dacite: Med. gray with light gray to buff rhyodacite patches; fracturing is common; po often replaces chloritic domains; py occurs as disseminations but mainly occur as fracture coating; minor feldspar phenocrysts; -tr tourmaline	93843 93844 93845	124.55 126.05 127.40	126.05 126.57 128.55	1.50 0.52 1.15	8 12 21	-massive po blebs w. py 2% -blebs of po w. tr. cp. (also f. g.r dissem.) 1% f. gr. py -1% f. gr. po (also blebs) 0.5% f.gr.py -2% f. gr. po and 0.5% py -0.5% f.gr. py in silicified patches -tr.f. gr. po -3% f. gr. po replacing chloritic domains; 1% py -altered dacite; 0.5% f. gr. po disseminations in silicified patches -dissem. py up to 0.5% within volcanic core; tr. py
120.00	143.02	23.02	Altered Dacite to Andesite - Med. gray to green; f. gr. with f. g.feldspar phenocrysts; chlorite content is quite high; f. gr. po and dissem. py ubiquitous throughout core up to 0.5%	93846 93847 93848	129.73 135.76 139.05	130.33 137.26 139.69	0.60 1.50 0.64	10 9 8	-as above -silicified fractures with 1% po
143.02	183.94	40.92	183.94 E.O.H. No sludges	93849 93850 93851 93852 93853 93854 93855 93856	191.52 155.40 159.40 160.90 162.40 163.90 165.40 166.90 168.80	143.02 156.50 160.90 162.40 163.90 165.40 166.90 169.30	1.50 1.10 1.50 1.50 1.50 1.50 1.50 0.50	8 (5 -13 8 12 8 8 11	

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-14
Page No: 1 of 3

Job: Beardmore N.T.S. Property: Wilkinson Lake Twp./Prov.: Elmhirst, Ontario Location: Latitude: 1+22 N Departure: 0+70 W Elevation:		Drilled By: Motherlode Commenced: January 9, '88 Completed: January 12, '88 Length: 183.9m (607') Logged By: S. M. Pridfin Date: March 1, 1988		Core Location: Beardmore Core Size: 80 Remarks: Claim No: 907501		Tests: @ Collar: 307' 607' Dip 590 Azimuth 0600			
From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description
0	7.68	0	Casing -						
7.68	18.82	11.14	Rhyodacite - Light grey, siliceous, minor sericite along fracture surfaces; calcite wisps and veinlets with minor traces of epidote host f. gr. dissem., clusters of py -weakly porphyritic towards bottom of interval	93810A 93811A 93812A 93813A 93814A 93815A 93816A 93817A	7.68 9.18 10.68 12.18 13.68 15.18 16.68 18.18	9.18 10.68 12.18 13.68 15.18 16.68 18.18 18.82	1.50 1.50 1.50 1.50 1.50 1.50 .64	7 11 16 14 14 (5) 8 10	~2% dissem. f. gr. py ~1% f. gr. py dissem. throughout interval ~1% f. g. gr. dissem. py -as above, qtz calcite vein 15cm -as above -as above; 0.5% py -as above; wkly porphyritic -as above -tuffaceous silicified rock with f. gr. dissem. py (0.5-1%) -calcite qtz vein subparallel to c.a. with 0.5% dissem. py
18.82	39.45	20.63	Dacite - Moderately to weakly porphyritic; gradational upper contact; slightly darker greyish-green due to minor chlorite content; massive; minor v.f. gr. dissem. py; 32.42-34.12m; tuffaceous more siliceous; 35.75-39.45m; multiple thin calcite veinlets @400 to c.a.; feldspar phenocrysts almost completely obliterated due to weak shearing	93818A 93819A	32.42 34.60	34.12 35.20	1.70 2.40	14 10	
39.45	53.60	14.15	Shear Zone: Chlorite, Sericite - Carbonate schist; strongly foliated & contorted in upper part of interval (see sample description); massive white opaque qtz vein from 46.85-48.85m; v. f. gr. py is concentrated in chlorite-sericite slips -lower 2.85m has less shearing and "ghosts" fragments (agglomerate-lapilli tuff)	68725 68726 68727 68728 68729 68730	39.45 41.14 42.51 43.96 43.96 45.30 46.85 46.85	41.14 42.51 43.96 45.30 46.85 48.85	1.69 1.37 1.45 1.34 1.55 2.00	74 312 106 35 1497 131	~15-300 to c.a.; foliation sericite 0.5-1% v. f. gr. py -similar to above, foliated @ 250 to c.a.; minor qtz -as above with qtz "knots" & more calcite wisps -as above, more qtz "knots" -cut with abundant qtz 0.5% py (swas. 2015) (1/4 'd) -tr. f. gr. py; white opaque qtz with chlorite-sericite filled slips (swas. 225) (1/4 'd)

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description:
53.60	56.20	2.60	Dacitic Fragmental (lapilli to agglomerate) - light-med grey, siliceous; "ghost" fragments are subrounded up to 4cm in diameter; weakly sheared with chlorite and sericite along fracture surfaces -minor f. gr. dissem. py	68731	48.85	50.76	1.91	48	-rubble, strong shearing; qtz-sericite with 0.5-0.25% py (1/4')
56.20	61.00	3.80	Altered Dacite - Light-grey, f. gr. mottled; similar to 18.83-39.45m	68732	50.76	52.18	1.42	11	-moderate shearing, almost fragmental texture with calcite + 0.25% py -as above
61.00	69.82	8.82	Dacitic Fragmental (lapilli tuff) - Similar to 53.60-56.20m but some massive zones as well; silicified patches are common; calcite veinlets present; minor f. gr. dissem. py	68733	52.18	53.60	1.42	8	
69.82	98.80	28.98	Altered Dacite - f. gr. dark green & mottled from silicified patches; minor thin calcite veinlets; tr. blebs of po with occasional specks cp; porphyritic towards bottom of interval	93820A	69.52	68.82	0.30	35	-calcite vein with qtz fragments within 1.1% py
98.80	99.50	0.70	Mafic Dyke - f. gr. dark green; mainly chlorite with calcite and feldspar	93821A	107.05	107.45	0.40	10	-f. gr. chloritized; 1-1.5% po
99.50	107.45	7.95	Andesitic to Dacitic Lapilli Tuff - Med. to dark-greyish green; fragments are more felsic and generally subangular; minor f. gr. py, also occurs as flakes on fracture surfaces; chlorite is abundant in narrow intervals; dissem. small blebs of po occur in more mafic intervals	93822A	108.20	108.88	0.68	34	-breccia, felsic angular fragments 1% po blebs; tr. dis. f. gr. py
107.45	186.50	74.05	Dacite Moderately porphyritized; feldspar phenocrysts up to 2mm; minor silicified zones with irregular distribution of py, po and cp	93823A	117.00	118.45	1.45	11	-silicified with 1%-0.5% f. gr. "blebby" po, tr. py

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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description
			(up to 3% sulfides) Breccia with felsic fragments up to 6cm x 3cm from 108.20-108.88m Chlorite is ubiquitous along fracture surfaces Calcite vein @ 600 to c.a. @ 170.80m (5cm wide)	93824A	120.45	120.80	0.35	13	-fracture @ 200 to c.a.; 2% f. -m. gr. po. tr. py -silicified; fractured; po 1-2% concentrated in frag.; tr. py -as above -0.5% py
				93825A	122.97	124.47	1.50	7	
				93826A	124.47	125.97	1.50	7	
				93827A	125.97	126.97	1.00	12	
				93728A	139.40	139.86	0.46	7	-calcite veins @ 400 to c.a. with with associated po (2%) -minor silicification; calcite with minor epidote; 0.5% py
181.50	183.93	2.43	Porphyry: Dacitic - c. gr., med. grey; abundant subrounded feldspar phenocrysts up to 4mm diameter; massive; minor biotite and calcite along fracture surfaces; tr. dissemin. py	93829A	147.70	149.25	1.55	18	
			183.83 E.O.H. No sludges available						

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DIAMOND DRILL LOG AND SAMPLING RECORD

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Job: <u>Beardmore</u> N.T.S. _____ Property: <u>Wilkinson Lake</u> _____ Twp./Prov.: <u>Elmhurst, Ontario</u> _____ Location: Latitude: <u>BL</u> _____ Departure: <u>0+80 W</u> _____ Elevation: _____		Drilled By: <u>Motherlode</u> _____ Commenced: <u>January 12, '88</u> _____ Completed: <u>January 14, '88</u> _____ Length: <u>168.80m (557')</u> _____ Logged By: <u>S. M. Pudifin</u> _____ Date: <u>Feb. 28-29/88</u> _____		Core Location: <u>Beardmore</u> _____ Core Size: <u>80</u> _____ Remarks: _____ Claim No: <u>907501</u> _____		Tests: @ Collar: _____ <u>607'</u> _____ Dip _____ Azimuth _____ <u>3300</u> _____			
From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description
0	21.80	0	Casing -						
21.80	30.96	9.16	Dacite - Porphyritic with narrow non-porphyrific inter- vals; feldspar phenocrysts <1mm to 3mm dia.; generally massive with thin calcite veinlets; minor f. gr. dissem. po and py; associated fractures filled with py						
30.96	32.90	2.06	Dacite - Non-porphyrific; f. gr.; med. grey; thin fractures perpendicular to c.a. from 31.72 to 32.22m; fractures are randomly oriented & filled with chlorite and/or calcite; minor silicifi- cation, locally along selvages; tr. f. gr. py 32.42-32.90m; massive homogeneous f. gr. calcite	93779A	33.20	34.20	1.00	49	-silicified patches with f. gr. py 0.25%
32.90	38.42	5.52	Dacite: Altered - Moderately weakly silicified patches present; narrow intervals of porphyritic dacite, minor narrow fractures filled with py; 35.40m - blebs of purplish-blue cherty quartz; 37.43m qtz- calcite vein 3cm wide @ 230 to c.a.						
38.42	67.76	19.34	Dacite: Porphyritic Similar to 22.80-30.96m; minor silicified zones with epidote 60.00-60.43m: greyish white qtz causing sili- cification; f. gr. masses of py throughout 62.16-62.46m: dacitic tuff	93780A 93781A 93782A	55.46 60.00 62.16	55.92 60.43 62.46	0.46 0.43 0.30	23 19 1068	-massive py and po veinlets (po replacing py?) -qtz vein with greenish silicification; 1% f. gr. py -poorly laminated with 1% f. gr. py

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-15
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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description:
67.76	72.02	4.26	Dacite -non-porphyric -minor qtz-calcite veinlets often @ 500 to c.a.; minor dissem. py	93783A	67.48	67.76	0.28	114	-silicified fracture; tr. po & py
72.02	79.15	7.18	Dacitic Lapilli Tuff Med. greyish green; weakly porphyritic with obliterated more felsic fragments up to 2cm x 1cm in size; dissem. py is most common along calcite veins + fractures as well as in epidote-rich silicified zones. Core is quite strongly fractured.	93784A	79.19	80.15	1.00	17	-silicified with minor epidote; 1% v. f. gr. py
79.15	80.15	1.00	<i>thylax, light grey; fractured; v. l. py</i>						
80.15	87.90	7.75	Dacite - Porphytic; feldspar phenocrysts are saussuritized to med-green; minor epidote along fractures; occasional qtz eyes; 82.15-82.45m: strongly fractured. @ 400 to c.a.; altered with coloured carbonate; 83.62-84.50m: similar to above with abundant qtz-carbonate veins generally @ 800 to c.a. Up to 0.5% local concentrations of py	93785A 93786A	83.62 84.50	84.50 86.00	0.88 1.50	336 17	-altered with qtz-calcite veins & fracture, filled with f. gr. py -porphyritic; epidote common; 0.25% py especially in fract.
87.90	115.57	27.67	Altered Dacite - Strong epidote alteration (could be amygdules) f. gr. dissem. py is present throughout interval; several zones are intensely fractured and core is rubbly (0.5cm to 5cm pieces); 98.57 to 101.00m; 103.10-103.35m; 108.88-112.20m; saussuritized feldspar phenocrysts are abundant in lower 15m of interval	93787A 93788A 93789A 93790A 93791A 93792A 93793A 93794A	87.91 89.41 90.91 90.91 92.41 93.91 95.41 96.91 98.41 108.38 109.80	89.41 90.91 92.41 93.91 95.41 96.91 98.41 109.80	1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.42	13 9 8 11 18 8 13 86	-1% - 0.75% f. gr. py -1% f. gr. py -same as above -same as above -same as above -same as above -0.5% py -vugs with 1-1.5% py; py also in fractures
115.57	116.47	0.90	Mafic Dyke - Dark green; fgr; abundant chlorite with calcite, altered feldspar and minor qtz; calcite vein with minor qtz (7cm wide) @ 650 to c.a.						

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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description:
116.47	127.20	10.73	Altered Dacite - Similar to 87.90-115.57m Vuggy, epidote rimmed amygdules host py from 117.43 to 117.88m feldspar phenocrysts are abundant	93795A 93796A	117.43 121.50	117.88 123.00	0.45 1.50	10 186	-vuggy amygdules; epidote with 1% py -silicified, fractured, 0.5% f. gr. py -calcite filled vugs -silicified with 1-2% py; foliation 300 to c.a.
127.20	134.85	7.65	Altered Rhyodacite to Lapilli Tuff - Lighter grey, silicified with epidote & calcite filled amygdules; minor sericite along fracture surfaces; intensely fractured intervals	93797A 93798A	126.66 127.20	127.20 128.70	0.54 1.50	54 14	-epidote patches mineralized with f. gr. py (3-4%), vugs -vugs filled with calcite, epidote; py 2%
134.85	143.50		131.55-133.50m: fragmental; rhyolitic breccia; subangular fragments up to 3cm diameter; rubble from 133.25 to 133.50m; py is ubiquitous throughout and particularly associated with fractures ~2-3% overall	93800A 93801A 93802A 93803A	130.20 131.70 133.20 133.50 133.50	131.70 133.20 133.50 134.85	1.50 1.50 0.30 1.35	14 16 18 13	-same as above -3% py; fragmental at lower end -rubble; abundant clay w. 1% py -py up to 1% assoc. w. calcite; epidote patches
143.50	144.90	1.40	Altered Dacite - Similar to above but more chlorite; less py	93804A 93805A 93806A	134.85 137.88 139.38	136.35 139.38 140.88	1.50 1.50 1.50	11 10 12	-1% py assoc. w. epidote-lined-vugs -3-4% dissem. py -4% dissem. & blebs of py
144.90	158.40		Dacitic Agglomerate - Fragments are 10cm; outline of more felsic fragments are nearly obliterated; 1% f. gr. dissem. py ubiquitous	93808A 93807A	143.50 140.88	144.90 142.38	1.40 1.50	18 31	-fractured, silicified; 1% blebs & dissem. py -4% dissem. & blebs of py
158.40	163.59		Dacite - Porphyritic, massive; minor f. gr. py & one bleb po observed; becomes non-porphyritic towards bottom of interval approaching shear	93809A	155.62	156.29	0.67	22	-py filled fractures subparallel to c.a.
163.59	168.79		Shear Zone - Chlorite-calcite schist; wisps of calcite common; thin stringer of Qtz in upper 0.5m; finely dissem py & ubiquitous foliation is @ 550 to c.a.	68761 68762 68763	158.40 160.68 162.15 162.15	160.68 162.15 163.59	2.28 1.47 1.44	26 138 16	-gauge, rubble in upper 25cm; tr Qtz stringer; ~2% f. gr. py -0.5% f. gr. dissem. py -same as above
			Dacite - Silicified and weakly bracc.; finely dissem. py						168.79 E.O.H No Sludges

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-16
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Job: Beardmore, N.T.S. Property: Wilkinson Lake Twp./Prov.: Elmhirst Location: Latitude: 1+50 N Departure: 0+85 W Elevation:		Drilled By: Motherlode Commenced: February 6, '88 Completed: February 7 '88 Length: 123.30m Logged By: S. N. Pudifin Date:		Core Location: Beardmore Core Size: RQ Remarks: Claim No: 907501		Tests: @ Collar: Dip Azimuth 200' -460 0300 400' -460			
From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description
0	5.80	0	Casing -						
5.80	16.90	9.80	Porphyritic Dacite - Med. grey; aphanitic-porphyritic; feldspar phenocrysts up to 4mm diameter; core becomes altered towards bottom of interval; f. gr. dissem. py occurs throughout core	93512	15.48	16.80	1.42	9	-altered porphyritic dacite; minor epidote; tr. f. gr. py
16.90	26.70	9.80	Shear Zone - Chlorite-sericite -qtz-calcite schist; generally well foliated; angle to c.a. varies (see sample description) Mineralization is f. gr. dissem. py along foliation planes and in chlorite-sericite slips within qtz veins or stringers.	93513	16.80	18.34	1.54	(5	-minor calcite lenses; tr. f. gr. py weakly foliated at 550 to c.a. -well foliated to rubbly; 550 to c.a. f. gr. py to 0.5%
				93514	18.34	19.64	1.30	452	-qtz calcite lenses; 0.5-1% py sheared @ 550 to c.a.
				93515	19.64	20.36	1.02	583	-qtz with chlorite-sericite slips tr. 0.25% f. gr. py
				93516	20.36	20.98	0.62	483	-chlorite-sericite with qtz lenses sheared at 520 to c.a. 5% f. gr. py
26.70	30.50	3.80	Dacite - Similar to 5.80 - 16.90m; moderately silicified from shear	93517	20.98	22.43	1.45	290	-sheared @ 450 to c.a.; contorted; 0.5%-1% f. gr. py
				93518	22.43	23.83	1.40	853	-shearing varies from 550 to c.a. to 400 @ qtz vein; 0.5-1% f. gr. py
				93519	23.83	25.30	1.47	4350	-several qtz stringers and qtz-calcite veins; 0.5% py
30.50	50.38	19.88	Dacitic to Rhyodacitic Fragments - Med. grey; weakly porphyritic, subrounded to subangular fragments of dacite with more rhyodacitic rock or vice versa; size of fragments varies from 5cm to 2mm; sericite is common; trace disseminated py; po occurs within altered, silicified areas; Grades into porphyritic dacite intervals	93520	25.30	26.70	1.40	43	-silicified fractures; minor calcite 0.5% f. gr. po tr py
				93857	41.85	42.25	0.40	15	-0.5% f. gr. dissem. py
				93858	48.98	50.38	1.40	8	

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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description:
50.38	105.40	55.02	Dacite to Andesite - Generally porphyritic; similar to 580-16.90m; fractured intervals are non-porphyrific and often host py	93859 93860	59.80 64.40	60.25 65.90	0.45 1.50	19 41	-up to 1% py within fractures -fractured; broken core; py up to 0.5% along fractures -0.25% dissem. po; 0.25% py along fract. -massive po in chloritic lens @72.90m -calcite vein w. 1% py -blebs po in chlorite-silicified patches -calcite-filled fractures with 1% py & tr po.
105.40	115.60	10.20	Dacite - Non-porphyrific, altered silicified patches common; minor epidote; tr. f. gr. dissem. py; generally massive	93861 93862 93863 93864 93865	69.35 72.45 78.75 80.25 92.77	69.95 73.40 79.30 80.55 82.77	0.60 0.95 0.45 0.30 0.60	14 50 19 10 12	
115.60	117.10	1.50	Rhyodacitic Tuff - Light-greyish green; aphanitic; siliceous microfractures; tr. f. gr. dissem. py; qtz-calcite vein @ 117.03-117.10m	93866	115.60	117.10	1.50	148	-tr f. gr. dissem. py
117.10	117.55	0.40	Andesite - Dark green; f. gr. chlorite; massive						
117.55	120.18	2.63	Dacite Intercalated with Andesite - Similar to 117.10-117.55 and 105.40 115.60m; epidote present						
120.18	121.72	1.54	Feldspar Porphyry - Med. c. gr.; aphanitic intermediate composition ground mass with 20% feldspar pheno crystals to 3mm; 10% amorphous qtz crystals; 5% f. g. black biotite; massive						
121.72	123.33	1.61	Dacite - Similar to 105.40-115.60						
			123.33 E.O.H. No Sludges						

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-17
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Job: <u>Beardmore, N.T.S.</u>		Drilled By: <u>Motherlode</u>		Core Location: <u>Beardmore</u>		Tests:			
Property: <u>Wilkinson Lake</u>		Commenced: <u>February 4, '88</u>		Core Size: <u>80</u>		Dip <u>530</u> Azimuth <u>0300</u>			
Twp./Prov.: <u>Elmhurst, Ontario</u>		Completed: <u>February 5, '88</u>		Remarks: _____		207' <u>530</u>			
Location: Latitude: <u>47°28' N</u>		Length: <u>123.3m</u>		Claim No: <u>907501</u>		407' _____			
Departure: <u>0+80 W</u>		Logged By: <u>S. M. Puddifin</u>		_____		_____			
Elevation: _____		Date: <u>March 16, 1988</u>		_____		_____			
From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Sample Description
0	8.18	0	Casing -						
8.18	27.70	19.52	Rhyodacite to Dacite - Light grey; aphanitic to aphanitic-porphyrific generally massive with occasional Qtz-calcite veinlets; Qtz vein with minor calcite from 20.65-27.67m and 21.16-21.30m; f. gr. dissem. py is ubiquitous (up to 5% locally)	93867A 93868A 93869A 93870A	9.57 10.97 12.47 19.50	10.97 12.47 13.97 21.00	298 261 120 26		-up to 4% f. gr. py dissem. throughout -2% f. gr. py dissem. throughout as above -1% f. gr. py, calcite vein @ 520 to c.a. -Qtz-calcite vein; dissem py 0.3%; along selvages up to 2% -1% f. gr. dissem. py 1 silicified rhyodacite -tr. 0.25% f. gr. dissem. py sheared @ 500 to c.a.; Qtz bleb -"wispy" - sheared @ 350 to c.a.; 0.5% f. gr. py -as above; crosscut by Qtz vein & lenses of Qtz; strong shearing @ 480 to c.a. -white opaque Qtz with sericite & minor chl. slips assoc. with dissem. py -intensely sheared, mainly sericite talc with 0.5-1% f. gr. py -whitish grey Qtz with py filled fract. & chlorite-sericite slips hosting f. gr. py 1% -well foliated chloritic-sericite + Qtz @ 450 to c.a.; conorted Qtz at lower contact with tr. v. g. f; 1% v. f. gr. py -crosscut by several calcite veinlets f. gr. py up to 1%
27.70	36.34	8.64	Shear Zone - Chlorite-sericite, Qtz-calcite schist; strongly foliated; Qtz lenses or "eyes" common in intensely sheared zones; Qtz veins host chlorite-sericite slips; dissem. f. gr. py is associated with chlorite-sericite slips; py is also dissem. throughout interval, in particular where sericite-talc is more abundant; Qtz interval also hosts yellowish-looking pyrite (visible gold?) See sample description for foliation and sulfide content.	93871A 93872A 93522 93523	21.00 21.60 27.70 29.40	21.60 22.60 29.40 30.45	44 19 12 107	1.2	
36.34	51.40	15.06	Dacitic Fragmental - Med.-light grey; aphanitic; fragments are subangular up to 4cm x 2 cm; calcite wisps and veinlets common; f. gr. py dissem. throughout	93524 93525 93526 93527	30.45 31.95 3 .. 32.90	31.95 32.40 32.90 33.74	1101 816 1353 4341	(1.0) (1.0) 2.1 5.1	
51.40	59.05	7.65	Porphyritic Dacite - Med.-grey; aphanitic-porphyrific, feld	93528 93873A	33.74 24.95	34.61 27.70	13,304 401	10.9	Check 0.709 oz Au

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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Sample Description	
59.05	84.90	25.85	Phenocrysts up to 4 x 2mm; cut by several calcite veinlets; minor local brecciation from calcite vein @ 54.40-54.55m; f. g. dissemin. py up to 1% Dacite to Rhyodacite; altered - Med. to light grey, aphanitic; silicified patches (some look thuyolitic); grade into more mafic dacite, subrounded felsic patches give fragmental appearance; negligible mineralization; minor py occur along fracture surfaces; distinct fragment intervals are intercalated within this section.	93539 93530 93531 93874A 93875A 93876A	34.61 36.34 37.30 54.00 108.12 114.45	36.34 37.30 38.50 54.75 109.36 114.90	283 28 15 1220 74 45	1.2 (1.0 11.8	-chlorite-sericite-calcite, qtz. -calcite stringers; 0.5% f. gr. py -weakly sheared fragmental; tr. f. gr. py -as above; tr. f. gr. py -abundant calcite veins; altered cores; minor bx; 1% f. gr. py -calcite vein causes shearing; dissem. py up to 1% at upper CTC -fractures filled with py and po (5% at interval)	
84.90	123.30	38.43	Porphyritic Dacite - Similar to 51.40-59.05m; minor silicified altered patches ie: (92.35-92.55m); qtz-calcite veins commonly host py ie: (100.52m @ 600 to c.a.; 100.92m @ 300 to c.a.; 103.20m @ 100 to c.a.; 108.12-109.36m subparallel to c.a.) 110.85-117.30m: Andesite; chlorite and calcite; f. gr. dark green rock.							
			123.33 E.O.H.							

87-17 Sludge Samples

<u>No.</u>	<u>Depth(ft.)</u>	<u>Au(ppb)</u>
1.	27-37	13
2.	47	30
3.	57	22
4.	67	30
5.	77	25
6.	87	25
7.	97	19
8.	107	2211
9.	117	6437 (check .199 oz.)
10.	127	3300
11.	137	965
12.	147	222
13.	157	211
14.	167	115
15.	177	117
16.	187	177
17.	197	79
18.	207	146
19.	217	355
20.	227	242
21.	227-237	78
22.	247-257	11
23.	267	45
24.	277	41
25.	287	155
26.	297	150
27.	307	33
28.	317	47
29.	327	218
30.	337	20
31.	337-347	30
32.	357	67
33.	367	34

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87-18
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Job: Beardmore N.T.S.		Drilled By: Motherlode		Core Location: Beardmore		Tests:		Dip		Azimuth	
Property: Wilkinson Lake		Commenced: February 24, '88		Core Size: BQ		@ Collar:		-500		1500	
Twp./Prov.: Elmhurst, Ontario		Completed: February 28, '88		Remarks:		200'		-510			
Location: Latitude: 2+10 N		Length: 185.0m (607')		Claim No: 907502		400'		-520			
Departure: 4 80 W		Logged By: S. N. Pudifin				607'		-510			
Elevation:		Date: March 18, 1988									
From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description		
0	2.12	0	Casing -								
2.12	18.87	16.75	Granodiorite - Phaneritic-porphyritic; med. gr; pinkish-gray with black coarser grained amphiboles; massive with occasional qtz-calcite veins; tr. hematite; qtz-calcite veins @ 10.25m causes granodiorite to be fine grained and med. grey colour; f. gr. dissem. py is also present; tr. hematite and chlorite also occurs with qtz-calcite veins	93877A	9.75	10.90	1.15	245	-qtz-calcite veins w. tr. limonite 0.25-0.5% py cubes		
18.87	22.05	3.18	Diabase - F. gr. med-green; massive weakly magnetic; lower & upper contact @90 to c.a.; minor limonite along fracture surfaces; tr. cp, po, py & magnetite	93878A	21.05	22.05	1.00	145	~0.25% f. gr. py, tr magnetite & po		
22.05	185.06	163.01	Granodiorite - Similar to 2.12-18.87; minor calcite along fractures; feldspars are saussuritized to a light green colour; qtz veins commonly occur with angular blebs of chlorite, eg: @61.10m 0.5cm wide @ 100 to c.a.; @109.48m, 1.5cm wide, @ 400 to c.a.; @127.70m, 1.5cm wide @ 100 to c.a.; @149.75m, 3cm wide @ 380 to c.a. -pinkish coloured aplite at following intervals: 67.65-67.72m; 72.60-72.90m; 112.17-112.30m @ 300 to c.a. -interval grades into more mafic phases (and/or mafic xenoliths)	93879A	25.03	25.88	0.85	248	-limonitic fracture; 0.5% v. f. f. g.r py in f. gr. granodiorite		
				93880A	46.75	47.00	0.25	311	-calcite and py (2%) filled fractures @ 200 to c.a.		
				93881A	48.20	48.65	0.45	126	-limonitic fracture with 0.5% f. g.r. py		
				93882A	127.12	127.53	0.41	125	~1% py dissem. along selvages of qtz & chlorite veins		
				93883A	140.12	141.10	0.98	518	-altered; qtz lenses & calcite filled fractures w. 0.25% py		
				93884A	164.90	165.93	1.03	390	-altered granodiorite cut by qtz + chlorite vein; 0.5% dissem. py		
				93885A	175.30	177.10	1.80	191	-qtz vein subparallel to c.a.; 1% f. gr. py masses along veins		
				93886A	179.40	179.70	0.30	64	-qtz vein with crosscutting py filled vein (1%)		

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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description
			<p>-f. R. dissem. traces of py common; py also occurs within chloritic fractures; -individual crystals are obliterated from chloritic alterations (grey-looking core) Quartz veins subparallel to c.a. eg: 175.30-177.05m; 179.38m</p> <p>185.06m E.O.H. No sludges</p>						

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 87.19
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Job: Beardmore, N.T.S. Property: Wilkinson Lake Twp./Prov.: Elmhurst, Ontario Location: Latitude: 2+00 N Departure: 3+20 W Elevation:		Drilled By: Motherlode Commenced: February 28, 1988 Completed: March 2, 1988 Length: 246.02m (80.7) Logged By: S. M. Pudifin Date: March 28, 1988		Core Location: Beardmore Core Size: 80 Remarks: Claim No: 907502		Tracts: @ Collar: 200' 400' 600' 807'	Dip -450 -450 -460 -460	Asimuth 180°		
From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description	
0	4.60	0	Casing	117577	12.34	14.33	1.99	368		
4.60	8.55	3.95	Granodiorite - Pinkish grey; med. gr; phaneritic-though crystal faces are obliterated from alteration; chlorite and qtz veins common; tr. f. gr. py	117578 117579 117580 117581 117582 117583 117584 117585 117586 117587 117588 117589 117590 117591 117592 93887A	40.00 40.76 42.15 43.63 45.00 58.17 59.66 61.03 62.47 63.90 65.40 66.82 68.36 69.81 72.00 76.35 77.85	40.76 42.15 43.63 45.00 58.17 59.66 61.03 62.47 63.90 65.40 66.82 68.36 69.81 72.00 76.35 77.85	0.76 1.39 1.48 1.37 1.16 1.49 1.37 1.44 1.43 1.50 1.42 1.56 1.43 2.19 1.35 1.50	19 5 13 6 20 5 28 11 8 36 18 211 18 8 26 13		
8.55	12.34	4.79	Diabase - Dark green; f. gr; almost aphanitic; massive with thin calcite veinlets randomly oriented; weakly magnetic; intensely chloritized; tr. fg. dissem. py							
12.34	106.45	94.11	Granodiorite - Pinkish grey; f. med. gr; more altered zones are finer grained and generally med. grey in colour; chlorite commonly lines fractures; Diabase inclusion: 13.42-13.44m and 13.40-13.52m Qtz veins: 13.62m @ 15° to c.a. -f. gr. dissem. py occurs mainly within chloritic fractures Lower contact is silicified with subrounded calcite/xenoliths within (from 105.85-106.45m)							
106.45	111.89	5.44	Dacite Flow - Med. grey aphanitic; generally massive; crosscut by numerous calcite veins and veinlets; tr dissem. po and minor py							
111.89	112.39	1.50	Dacitic Fragmental - Med. grey; aphanitic with subrounded more mafic fragments in a more felsic matrix; fragment up							
				117001 117002 117003 117004 117005	99.00 99.00 105.00 106.23 107.68 107.68	100.00 106.23 107.68 109.08	1.00 1.23 1.45 1.40	116 37 5 13		

-med.-weak shearing from qtz vein with 0.5% f. gr. py

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 1 P
Page No: 2 of 3

From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description
112.39	116.80	4.41	to 3.5 x 2cm Dacite Flow - Similar to 106.45-111.89m	117006	109.08	110.55	1.47	(5)	
116.80	118.88	2.08	Dacite Fragmental - Similar to 111.80-112.39m	117007	110.55	111.89	1.34	(5)	
118.88	122.85	3.97	Dacitic Flow - Minor light grey silicified patches; similar to 106.45-111.89m	118008	111.89	113.29	1.40	(5)	
122.85	124.65	1.80	Dacitic Fragmental - Similar to 111.89-112.39m; grades into massive dacitic flow	118009	113.29	114.61	1.32	11	
124.65	125.90	1.25	Altered Granodioritic Phase - Dark to light grey; quartzose with chloritic-zoned mafics (up to 30%); fr. f. gr. py	118010	114.61	115.79	1.18	37	
130.65	133.75	3.10	Dacite Flow - Chloritic; lower contact is silicified from granodiorite phases	118011	115.79	117.19	1.40	25	
133.75	193.25	59.50	Quartz Diorite - f. gr. grey; siliceous with 10-15% amphibole; tr. f. gr. py Dacitic inclusions: 142.85-143.75m (chloritic calcite veinlets, qtz at upper contact); 151.22-151.30m (calcite-filled vesicles); 153.08-158.16m (subrounded inclusion); 160.30-160.35m Quartz-calcite vein with chloritic lenses; 155.17-156.70m; local brecciation subparallel to c.a.; tr. diaseem. py Lower contact zone is silicified and hosts dacite inclusion (190.45-191.85m)	118012	117.19	118.54	1.35	12	
				118013	118.54	119.75	1.21	8	
				118014	119.75	120.91	1.16	5	
				117015	120.91	122.37	1.46	8	
				117016	122.37	123.78	1.41	5	
				117017	123.78	125.30	1.52	17	
				117018	125.30	126.25	0.95	(5)	
				93888A	126.25	127.05	0.80	8	-chloritic dacite with blebs of po up to 1%; tr. cp.
				117019	127.05	128.06	1.01	(5)	
				117020	128.06	129.46	1.40	5	
				117021	129.46	130.95	1.49	22	
				117022	130.95	132.27	1.32	13	
				117023	132.27	133.68	1.41	.30	
				117024	133.68	135.14	1.46	(5)	
				117025	135.14	136.40	1.26	5	
				117026	136.40	137.83	1.42	(5)	
				117027	137.83	139.33	1.50	138	
				117028	139.33	140.80	1.47	17	
				117029	140.80	142.38	1.58	501	
				117030	142.38	143.82	1.44	32	
				117031	143.82	145.00	1.18	15	
				93889A	155.17	156.70	1.53	6	-qtz. calcite-chlorite vein with local brecc.; tr. py
				117032	175.00	176.65	1.65	102	
				117033	176.65	178.16	1.51	(5)	
				117034	178.16	179.60	1.44	75	
				117035	179.60	181.11	1.51	6	
				117036	181.11	182.78	1.68	26	

87-19 Sludge Samples

<u>No.</u>	<u>Depth (ft.)</u>	<u>Au(ppb)</u>	<u>No.</u>	<u>Depth (ft.)</u>	<u>Au(ppb)</u>
1.	0-37	43	40.	427	448
2.	-47	164	41.	-437	81
3.	-57	21	42.	447-457	657
4.	-67	19	43.	467	171
5.	-77	64	44.	-477	272
6.	-87	73	45.	-487	78
7.	-97	77	46.	-997	66(au)
8.	-107	62	47.	-507	38
9.	-117	16	48.	-517	41
10.	-127	46(au)	49.	-527	33
11.	-137	82	50.	-537	49
12.	137-147	108	51.	-547	49
13.	-157	71	52.	-557	74
14.	-167	85	53.	-567	84
15.	-177	91	54.	-577	53
16.	-187	25	55.	577-587	86(au)
17.	187-197	165	56.	-597	135
18.	-207	208	57.	-607	83
19.	-217	67(au)	58.	-617	108
20.	-227	207	59.	-627	269
21.	-237	420	60.	-637	108
22.	-247	63	61.	-697	34
23.	247-257	140	62.	-657	66
24.	256-267	2555	63.	-667	82
25.	-277	2589	64.	-677	81(au)
26.	-287	95	65.	677-687	43
27.	-297	71	66.	-697	59
28.	-307	53	67.	-707	57
29.	-317	33	68.	707-717	243
30.	-327	89	69.	-727	369
31.	327-337	188	70.	-737	205
32.	-347	69	71.	-747	427
33.	347-357	317	72.	-757	116
34.	-367	82	73.	-767	50(au)
35.	-377	94	74.	-777	69
36.	377-387	242	75.	-787	41
37.	-397	80(au)	76.	787-797	387
38.	397-407	680	77.	-807	66(au)
39	-417	113			

CONCLUSIONS AND RECOMMENDATIONS

PER WILKINSON LAKE PROPERTY

Although the strong mineralization shear zone was traced for 200 metres, it has been faulted and displaced in at least two locations as shown on the drill location map of the property.

In section A-A across drill holes 87-1, 87-6 and 87-11, the widest part and the best values come to surface at 87-11. The total width is 8.66 metres (28.4 feet) and the highest values is 5635 ppb gold which equates to 5.74 grams with a value of \$75(US) at \$450(US) gold price. The average assay of the gold across the width is 1176 ppb. A value of 0.709 ounces of gold across 2.9 feet was cut in hole 87-17.

It is recommended that some stripping be done between holes 87-16 and 87-11 where the depth of overburden is approximately ten feet and the distance is 100 metres. It is recommended that a bulk sample of the mineralized shear zone from the stripping area be sent to the Beardmore mill for gold and silver assaying. The stripping would give a better understanding of the shear zone and its relationship to the faulting.

DRILL RESULTS FROM THE MIRON ELMHIRST PROPERTY

- a) Drill hole location map**
- b) Drill sections**
- c) Drill logs**
- d) Conclusions**

GOLDTECK MINES LIMITED

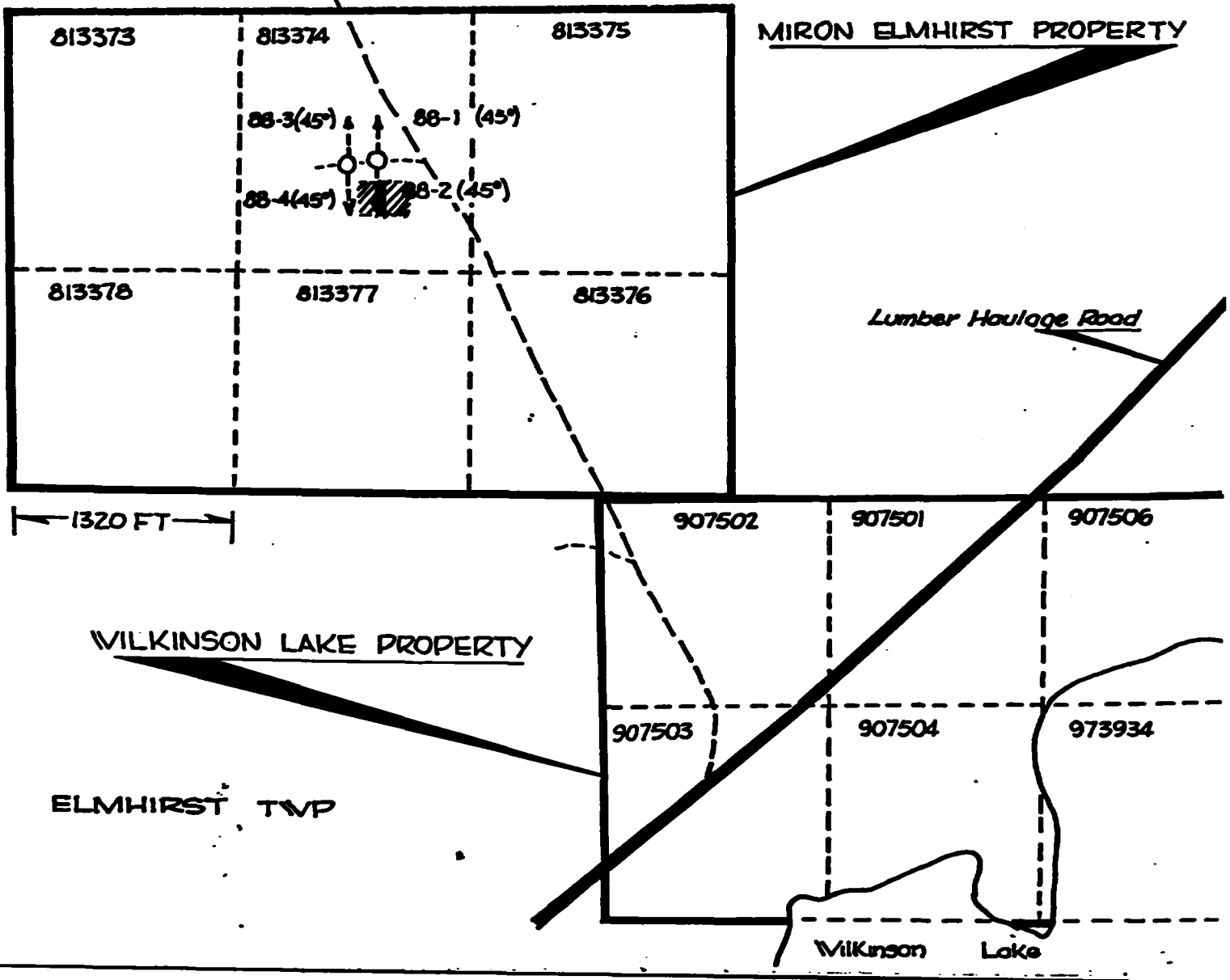
MIRON ELMHIRST PROPERTY

DIAMOND DRILLING

Scale ~ 1:11,000

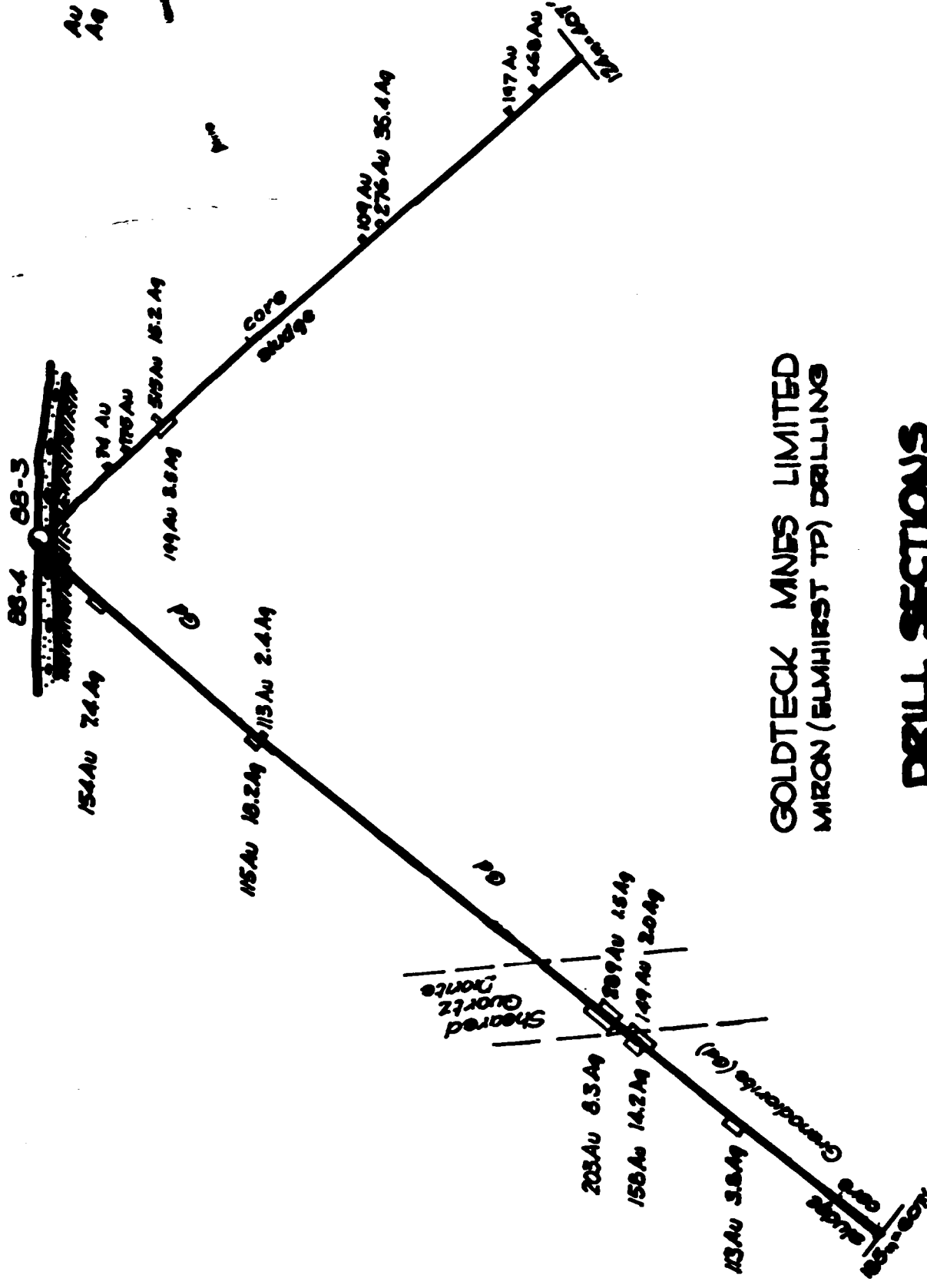
MAY 1988

1:11,000





SECTION LOOKING WEST



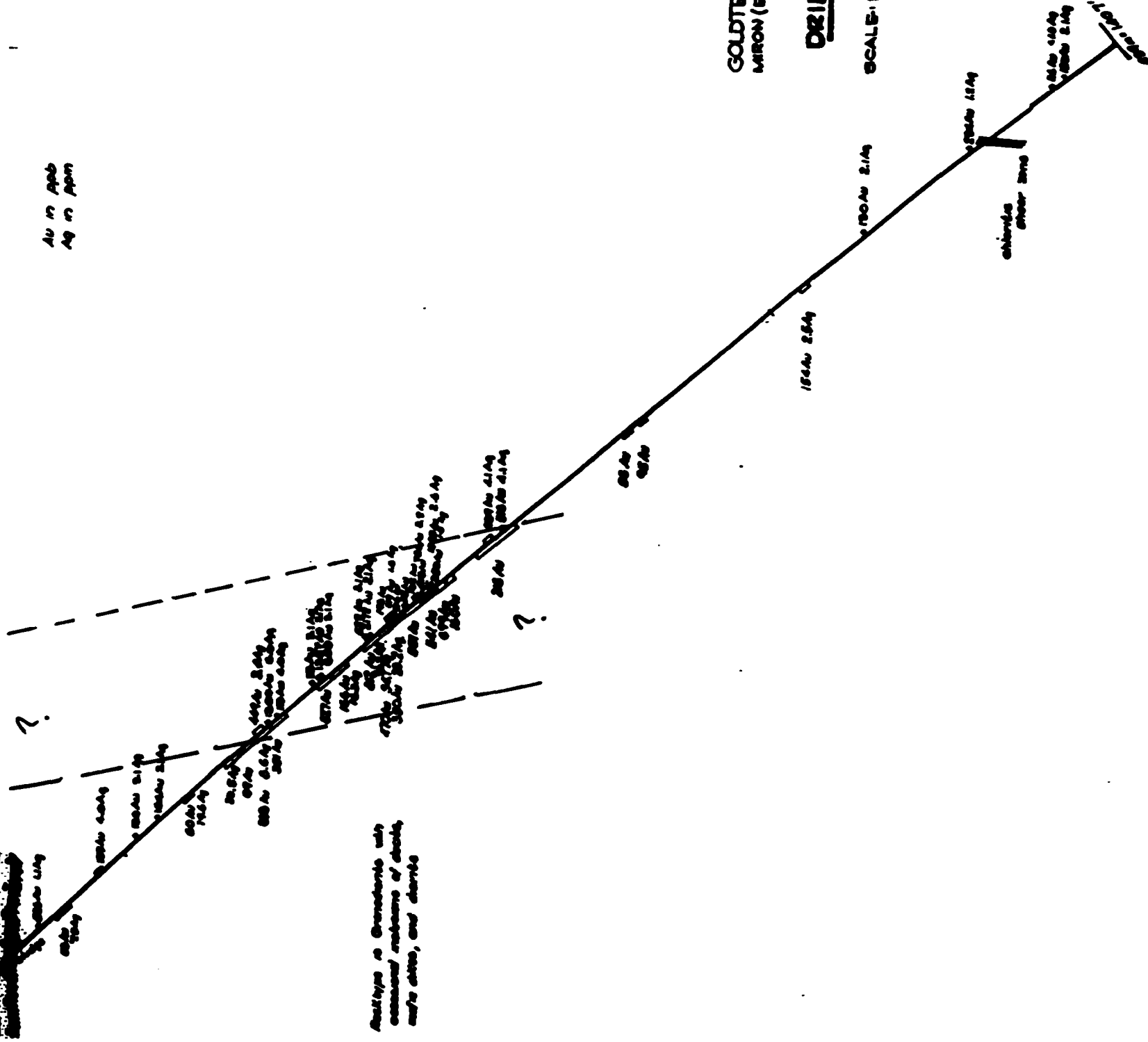
GOLDTECK MINES LIMITED
MIRON (ELMHIRST TP) DRILLING

DRILL SECTIONS

SOUTH



Au in Apb
Ag in Apm



GOLDTECK MINES LIMITED
MIRON (ELMHIRST TP) DRILLING

DRILL SECTIONS

SCALE: 1:1975 FEB. '88

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 88-01
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Job: 482-13 · N.T.S.		Drilled By: Motherlode		Core Location: Beardmore		Tests:		Dip		Azimuth	
Property: <u>Miron</u>		Commenced: <u>January 16, '88</u>		Core Size: <u>BQ</u>		@ Collar: <u>307'</u>		<u>450</u>		<u>3600</u>	
Twp./Prov.: <u>Elmhurst, Ontario</u>		Completed: <u>January 24, '88</u>		Remarks: _____		<u>607'</u>		<u>-450</u>		_____	
Location: Latitude: <u>200' W of</u>		Length: <u>1107' 335.5m</u>		Claim No: <u>813374</u>		<u>907'</u>		<u>-420</u>		_____	
Departure: <u>fork</u>		Logged By: <u>S. M. Pudifin</u>		_____		<u>1107'</u>		<u>-430</u>		_____	
Elevation: _____		Date: <u>January 31, '88</u>		_____		_____		_____		_____	
From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Sample Description		
0	2.10	2.10	Casing	68786	3.30	3.30	44	(1.0)	- limonitic fractures with approx. 0.25% diss. py		
2.10	63.50	61.40	Granodiorite - Pinkish grey with green tinge; med. to c. gr.; sometimes porphyritic; generally massive; minor calcite veinlets; 60% feldspar - 3mm x 2mm; pink to green often saussuritized. 25-30% qtz - clear grey, glassy 10-12% black mafics (amphibole) generally chloritized, anhedral crystals tr-0.25% f. gr. magnetite (ubiquitous) and associated with mafics up to 0.5% f.-med. gr. dissemin. py. often associated with chloritic fractures.	68787	5.43	5.85	20	(1.0)	- limonitic; py controlled by frac. (0.75%)		
				68788	11.40	12.03	157	7.0	~ 0.25% euhedral py within chloritic fractures		
				68789	12.03	12.38	112	6.2	- 10cm wide qtz vein with py up to 4% @ selvages		
				68790	12.38	13.88	9	(1.0)	~ 0.25% dissemin. f. gr. py in granodiorite		
				68791	16.75	17.18	33	(1.0)	- qtz-carbonate vein @ 200 to c.a.; diss. py (1.5%)		
				68792	17.81	18.07	19	(1.0)	- diss. py along chlorite fractures		
				68793	19.48	20.10	17	(1.0)	- qtz vein; potassic alteration; diss py (0.25%)		
				68794	23.30	23.90	20	(1.0)	- thin qtz. calcite veinlet @ 400 to c.a. with diss. py		
				68795	27.65	28.32	50	6.2	- py to 0.25% associated with chloritic fracture		
				68796	29.31	29.73	25	5.2	- chlorite & py filled fractures with py throughout. (0.5%)		
				68797	35.20	36.18	50	(1.0)	- split; qtz-calcite veins & fine py with chlorite		
				68798	41.50	42.65	26	(1.0)	~ 0.25% py diss. throughout & adj. to chloritic fracture		
				68799	43.93	44.70	13	(1.0)	~ 0.1% py with chloritic fracturing and potassic alteration.		

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 88-01
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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Sample Description:
			to c.a.); 77.60-77.62m (@ 40° to c.a. with chlorite blebs in Qtz; contact areas X-cut by thin fractures associated with py); 101.95-101.47m; 2cm wide @ 10° to c.a. Amphibolite Dyke - 73.48-73.62m; f. gr. black amphiboles with Qtz and cal. Fracturing: 81.65-81.95m: silicified thin fractures @ approx. 80° to c.a. with f. gr. py diss. to 1%; 84.35-84.60m; subpar. to c.a.; 85.15-90.00m; chloritic along fractures (main fract. are subparallel to c.a.); Amphibolite Dyke - 110.45-110.87m chloritized f. gr. amphibole with Qtz & minor calcite; f.-c. gr. diss. py approx. 0.25%; sheared @ 60° to c.a. Mafic Dyke - 132.40-132.44m: f. gr. chlorite with Qtz & calcite @ 85° to c.a. Amphibolite Dyke - -sharp contacts: upper @ 40°; lower @ 60° to c.a. -v. f. gr. @ contacts to m. gr.; dark green; foliated @ 85° to c.a.; predom. chlorite and calcite with m. gr. amphibole; calcite veinlets parallel foliation @ approx. 85° to c.a. -tr. f. gr. py coats fracture surfaces	68818 68819 68820 68821 68822 68823 68824 68825 68826	99.70 100.95 102.37 105.36 110.09 110.45 110.87 111.20 116.70 117.55	100.95 101.47 102.85 106.82 110.45 110.87 111.20 117.55 118.20	73 8 15 22 19 11 12 67 48	(1.0) (1.0) (1.0) (1.0) (1.0) (1.0) (1.0) (1.0) (1.0) (1.0)	-epititic; f-med. gr. py diss. throughout -epititic with Qtz vein (1-2cm wide) @ 10° to c.a. -diss. py with chloritic mafic minerals in the fractures -diss. py to 0.25% in fractures -altered granodiorite with diss. f. gr. py in fracture -sheared mafic volcanic with py cubes -silicified (altered) granodiorite with 0.5% py -weakly sheared @ approx. 40° to c.a.; chl. magnetite sericite -silicified; hematite stain with magnetite vuggy; massive py assoc. with Qtz -Qtz vein 1cm wide; f.-m. gr. py along selvage @ 30° to c.a. -diss. f.-m. gr. py along thin fract. -chl. Qtz carbonate veins @ 10° to c.a. diss. py & magnetite -chl. calcite fractures @ 10° to c.a.; 0.25% diss. py along fractures -0.5% altered sericitic chl. fractures, silicified @ 10-85° to c.a. -chl. sericite slips with approx. 25% diss. py. - Qtz calcite vein @ 30° to c.a.; sericite and Qtz -silicified & sericite with 1% py associated with carbonate fract. -hematite stain-pot. alteration; silicified with chl. & diss. py -tr f. gr. py along fracture
136.06	138.09	2.3		68827 68828 68829 68830 68831 68832	118.90 120.30 121.55 122.55 123.40 124.35 126.40 127.05	119.17 121.55 122.55 124.20 126.40 127.55	50 20 25 33 72 10	(1.0) (1.0) (1.0) (1.0) (1.0) (1.0) (1.0) (1.0)	-Qtz vein 1cm wide; f.-m. gr. py along selvage @ 30° to c.a. -diss. f.-m. gr. py along thin fract. -chl. Qtz carbonate veins @ 10° to c.a. diss. py & magnetite -chl. calcite fractures @ 10° to c.a.; 0.25% diss. py along fractures -0.5% altered sericitic chl. fractures, silicified @ 10-85° to c.a. -chl. sericite slips with approx. 25% diss. py.
138.09	156.35	17.45	Granodiorite - m. gr. becoming finer grained to altered, sericitic sections and coarser grained in porphyritic sections; generally massive; Qtz vein @ 30° to c.a.; 138.47-138.48 @ 25° to c.a.; 149.03 (approx. 0.5cm wide) adj. to sulphide rich zone, approx. 1cm wide	68833 68834 68835 68836	128.25 130.20 134.65 137.70	128.25 131.15 135.50 138.50	42 24 18 9	(1.0) (1.0) (1.0) (1.0)	- Qtz calcite vein @ 30° to c.a.; sericite and Qtz -silicified & sericite with 1% py associated with carbonate fract. -hematite stain-pot. alteration; silicified with chl. & diss. py -tr f. gr. py along fracture

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 86-01
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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Sample Description:
156.35	157.85	1.50	(finely diss. to massive py) Aplite - m. gr. Felsite -pinkish with dark green chlorite lenses and fracture filled @ approx. 200 to c.a.; generally massive with negligible mineralization (mainly feldspar and quartz)	68837 68838 68839	138.08 141.00 144.88	139.70 141.32 146.14	19 14 12	(1.0) (1.0) (1.0)	-0.25% f. m. gr. py Qtz veins; hematite stain -chl. fractures + sericite approx. tr. 0.25% py -chl. sericite fractures @ approx. 400 to c.a. associated with approx. 0.5% py -hematite stain with minor sil. & diss. py approx. 1% -strongly silicified with sericite and Qtz vein par'ly py vein approx. 20% py adj. vein -moderately silicified with diss. py approx. 1% along Qtz & fractures. -f. gr. py diss. throughout altered granodiorite; thin veinlets. -chl. fractures randomly oriented; with up to 1% py; Qtz veins. -sericitized with fine chl. fract. and approx. 1% diss. py -f. gr. calcite rich; py blebs comprise approx. 3-4% of section. -approx 0.5% f.-m. gr. py along Qtz vein @ 200 to c.a. - as above -as above; chl. fractures @ 300 to c.a. massive py veinlets. -approx. 0.5-0.25% py; Qtz and chl. veins - fract. @ approx. 40-700 to c.a. -bleb of cp within Qtz vein with tr f. gr. py in granod. -silicified with carbonate alter. & mt & approx. 0.7% py in veinlets & diss.
157.85	239.60	81.75	Granodiorite - -mainly porphyritic; m.-c. gr.; feld. are often saussuritized with pinkish-red staining -f. gr. diss. py up to 0.25% occurs along chloritic fractures and within mafic minerals -fine grained section from 162.80-163.28m @ 300 to c.a. -granodiorite becomes less porphyritic and more altered below 166.5m 168.50-168.65m; chl. sericite breccia; fragments of Qtz-feldspar are subangular & contorted; foliated @ approx. 600 to c.a.; granodiorite is altered with saussurization, sericite and chloritization of mafic minerals on either side of mafic inclusion. From: 193.75-200.00m: bands of pinkish f.-m. gr. Qtz & feldspar approx. up to 8cm wide @ 35-400 to c.a. 200.00-223.00m: downwards is more mafic with negligible pink potassic alteration (approaching Diorite); abundant chlorite, * biotite and magnetite. 223.00-235.30m: more porphyritic Granodiorite with intervals of pink potassic alteration; up to 0.5% diss. py with calcite and tr specks of purple soft mineral, mafic inclusion with 5% f. gr. py @ 239.90m.	68840 68841 68842 68843 68844 68845 68846 68847 68848 68849 68850 68851 68852	148.23 148/83 149.18 169.45 175.10 177.90 179.30 184.65 185.90 188.64 197.90 200.63 206.72	148.83 149.18 149.60 171.65 176.32 179.30 179/80 185.30 187.00 190.14 199.10 200.97 208.10	10 45 17 16 140 32 67 17 26 38 15 9 32	(1.0) (1.0) (1.0) (1.0) (1.0) 2.2 (1.0) (1.0) (1.0) (1.0) (1.0) 3.2 1.2 (1.0) (1.0) (1.0)	

GREATER TENAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 88-01
Page No: 5 of 6

From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Sample Description:
239.60	240.13	0.53	Mafic Dyke - Dark green f.-m. gr. mainly chlorite with calcite (could have been diabase dyke); upper contact @ 600 to c.a. is mineralized with approx. 5% f. gr. diss py; weakly defined foliation @ 35-400 to c.a.	68853	220.67	221.89	18	(1.0)	-2 zones of silification assoc. with qtz vein and approx. 0.5% py; chl. blebs
240.13	240.43	0.30	Altered Granodiorite - Med. gr.; light grey; f. gr. diss. py to 0.25%; lower contact @ 600 to c.a.	68854	231.30	232.40	8	(1.0)	-potassic alteration with calcite; chl. filled fract. & qtz veinlets
240.43	248.50	8.07	Feldspar Porphyry - Dark green f. gr. groundmass; chloritized; with c. gr. euhedral to subhedral feldspar phenocrysts (green col. from saussuritization) Generally massive; f. gr. cubic py up to 0.25% occurs in association with calcite veinlets; a few narrow inclusion of granodiorite; negligible cp and py along fractures.	68855	233.66	234.64	9	(1.0)	-qtz vein (lcm) @ 100 to c.a.; 0.25% f. gr. py
				68856	234.87	235.50	13	(1.0)	-altered with calcite qtz and chl. filled fractures @ 100 to c.a.
				68857	239.40	239.80	48	1.2	-contact zone between mafic dykes and altered granodiorite .5% py
				68858	239.80	240.10	14	(1.0)	-altered granodiorite with 0.25% py
				68859	240.43	241.18	14	1.2	-f. gr. diss. py associated with thin calcite veinlet
				68860	247.03	248.50	19	3.9	-tr cp. diss along fractures; 0.25% - tr py
				68861	248.50	249.50	22	2.0	-f. gr. diss. py in f. gr. diabase
				68862	252.85	253.57	20	(1.0)	-altered porphyry from diabase below approx. 0.3% py
				68863	266.15	268.30	8	2.0	-f. gr. diabase with approx. 0.24% py
				68864	275.24	275.75	15	(1.0)	-chl. carbonate with 0.25% py
				68865	280.00	280.33	69	4.9	-as above
				68866	285.14	285.54	47	2.8	-as above
				68867	291.53	291.76	13	4.9	-qtz veinlets @ 500 to c.a. with approx. 0.5% py; 0.5% py along vein
				68868	301.37	304.02	52	2.0	-clots of py with tr cp in altered feldspar porphyry; chloritic
				68869	311.90	312.60	12	1.9	-altered porphyry with qtz vein @ 900 to c.a. & assoc. with po (0.5%)
				68870	312.60	314.10	19	2.0	-sheared porphyry with tr cp, approx. 0.25% po; 0.5% py
				68871	314.71	315.00	14	(1.0)	-sheared dacite with wisps of calcite; tr py.

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 88-01
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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Sample Description
			<p>Dacitic Intervals - Non porphyritic med. grey-green; hard; generally massive with gradational contacts into feld-porphyry at following depths: 269.30-271.5m; 280.00-280.33m; 285.14-285.54m; 292.75-298.40m (chl. biotite clots frequently crosscut by qtz veinlets @ 50-60c to c.a.); 314.12m-317.61m (weakly sheared upper contact @ approx. 42c to c.a.); 318;85-321.90m (biotite-chl. clots); 326.51-327.40m</p> <p>Dacitic Intervals - 332.38-333.87m</p> <p>Altered feldspar porphyry in lower 60m Slightly sheared @ approx. 85c to c.a. from 311.90-314.12m; with approx. tr. cp associated with minor po and py disseminated throughout.</p> <p style="text-align: center;">335.5 E.O.H.</p>						

88-01 Sludge Samples

<u>No.</u>	<u>Distance (ft.)</u>	<u>Au(ppb)</u>	<u>Ag(ppm)</u>
1.	7' - 17'	23	3.2
2.	27	12	6.2
3.	37	20	20.8
4.	47	28.6	19.4
5.	57	14.1	11.8
6.	67	39	10.3
7.	77	30	4.6
8.	87	28	20.8
9.	97	28	20.5
10.	107	42(au)	9.5
11.	117	73	20.5
12.	127	19	21.2
13.	137	22	18.9
14.	147	27	10.9
15.	157	(5	19.7
16.	167	139	20.1
17.	177	57	13.9
18.	187	43	19.4
19.	197	53(au)	4.9
20.	207	24	7.7
21.	217	13	8.4
22.	227	17	9.1
23.	237	18	8.9
24.	247	26	16.1
25.	257	39	10.2
26.	267	89	9.8
27.	277	27	14.6
28.	287	24	19.3
29.	297	16	18.5
30.	-307'	12	1.5
30.	317	16(au)	1.5
31.	327	39	3.6
32.	337	34	2.1
33.	347	13	.8
34.	357	62	.7
35.	367	23	1.1
36.	377	34	.9
37.	387	99	.7
38.	397	48	1.4
40.	407	46	1.3
41.	417	29	.9
42.	437	44	.8
43.	447	30	1.5
44.	457	33	1.3
45.	467	35	2.0
46.	477	6	1.7
47.	487	18	1.3
48.	497	18	1.9
49.	507	(5	4.2
50.	517	30	12.7

88-01 Sludge Samples contn'd.

<u>No.</u>	<u>Distance (ft.)</u>	<u>Au(ppb)</u>	<u>Ag(ppm)</u>
51.	527	22	15.5
52.	537	11	13.7
53.	547	(5	26.9
54.	557	(5	7.6
55.	567	14	7.9
56.	577	29	5.4
57.	587	25	5.3
58.	597	75	3.9
59.	607	12	3.6
60.	607-617	51	5.8
61.	617- 627	49	10.4
62.		46	7.9
63.		35	10.0
64.		33	7.8
65.			3.8
66.		50	12.4
67.		41	3.8
68.		49	(1
69.		61	5.9
70.	697-707	39	34.6
71.		40	17.0
72.		6	5.7
73.		14	6.0
74.		25	5.8
75.		17	12.4
76.		18	10.2
77.		31	10.2
78.		13	7.9
79.		(5	(1.0
80.	797-807	15	10.0
81.			(1.0
82.	827		(1.0
83.	837	11	5.8
84.			(1.0
85.			3.6
86.	877	19	(1.0
87.	887	21	5.9
88.	897	33	3.8
89.	907	28	3.8
90.	907-917	29	1.2
91.	917-927	30	1.2
92.	937	22	(1.0
93.	947	17	(1.0
94.	957	51	(1.0
95.	967	69	2.2
96.	977	34	(1.0
97.	987	54	(1.0
98.	997	31	2.2
99.	1007	24	2.2

88-01 Sludge Samples cont'd.

<u>No.</u>	<u>Distance (ft.)</u>	<u>Au(ppb)</u>	<u>Au(ppm)</u>
100.	917-1017	26	5.1
101.	1027	39	3.2
102.	1037	47	(1.0
103.	1047	46	3.2
104.	1057	35	(1.0
105.	1067	46	2.2
106.	1077	33	1.2
107.	1087	39	2.2
108.	1097	33	4.1
109.	1097-1107	33	4.1
110.	1107-1117	12	5.1

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 88- 02
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Job: 482-13. N.T.S.		Drilled By: Motherlode		Core Location: Beardmore		Tests:		Sample Description	
Property: MILON		Commenced: January 24, '88		Core Size: BQ		@ Collar: Azimuth			
Twp./Prov.: Elm Hirst, Ontario		Completed: January 31, '88		Remarks:		307' 1800			
Location: Latitude: 200' W of		Length: 428.96m(1407')				706' 500'			
Departure: fork		Logged By: S. M. Pudiffin				907' 50.30			
Elevation:		Date: Feb. 7 -15, '88		Claim No: 813374		1207' 520'			
1407' 520'									
From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	
0	2.10	2.10	Casing	68962	4.35	4.80	18	2.1	
2.10	52.00	49.90	Granodiorite - phaneritic-porphyritic -pinkish grey; med. -c. gr.; generally massive approx. 30% pinkish feldspar - potassic al- teration; approx. 40% greenish feldspar-ausu- surtized; 15-20% grey qtz-interstitial; 8-10% black amphibole (hornblende) + chl; subhedral; commonly associated with magneti- te; Sericitic alteration is common -occasional subrounded mafic (dioritic?) ze- noiths present -limonitic staining in certain intervals -some intervals are altered and crystals are obliterated by fracturing or qtz veining, such as from 26.30-29.35m -chl. filled fractures with associated py com- mon; gen. randomly oriented such as from 33.95 to 35.12m Sulphides are generally f. gr. py dissem. throughout interval in trace amounts or assoc. with qtz throughout chl. filled fractures.	68963 68964 68965 68966 68967 68968 68969 68970 68971 68972 68973 68974 68975 68976 68977	8.35 13.42 13.80 19.10 23.47 26.30 26.84 27.44 28.09 28.95 33.55 34.40 38.37 39.14 42.64	8.55 13.80 14.20 19.40 24.87 26.84 27.07 28.09 29.35 34.40 35.12 38.72 39.64 43.44	104 30 14 526 49 35 31 27 51 98 15 73 8 21 145	3.1 4.1 3.1 1.1 3.0 3.1 1.1 3.1 2.0 3.1 4.1 2.1 2.1 2.1 5.9	-chl. & silification -200 c.a. qtz vein; limonitic, 0.25% py -py up to 1% dissem. in thin qtz- calcite veinlet @ 20' to c.a. -qtz vein from 13.50-13.80m @ 150 to c.a. & f. gr. py approx. 2% along surface -finely dis. py & limonite in Gd. 14.16 = qtz vein -thin whitish-grey qtz veins @ approx. 400 to c.a.; 0.5% diss py -thin chl. filled fractures subparallel to c.a. with dis. py approx. 0.25% -550 to c.a. thin qtz veins with diss py -300 to c.a. lcm wide qtz vein with diss. py -qtz veinlets with chl. filled fractures and py -qtz vein causing local wallrock brecciation -qtz veining @ approx. 400 to c.a. diss. magnetite & py -chl. fract. with approx. 1% f. gr. py -peppered with py & chl. fract. -calcite-chl. fract. @ 200 to c.a. -as above
52.00	52.80	0.80	Dacite; Weakly Porphyritic; Dark gry; hard; aphanitic-porphyritic with approx. 5% subhedral white feldspar pheno- crysts; approx. 450 to c.a. upper CTC; 400 to ca. lower contact; tr. f. gr. py assoc. with calcite along fracture; massive						

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 88-02
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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Sample Description:
52.80	70.43	17.63	Granodiorite - similar to 2.10-52.00m. 52.86-54.05m; mafic dark grey-black v. f. gr. dyke (obiterated fragments). -minor epidote adjacent to feldspar crystals. More mafic diorite phase @ 61.15-61.35m	68978	45.25	45.65	129	2.1	-red stain silicified with Qtz calcite fracture with py -Qtz vein & chl. fractures @ approx. 300 to c.a. with py -Qtz vein with chl. at lower selv. @ approx. 200 to c.a.; py -silicified f. gr. with diss. 0.7% py
70.43	70.91	0.48	Dacite (Feldspar Porphyry) - -weakly porphyritic; similar to 52.00-52.80m; upper & lower contacts are sharp @ 700 to c.a.	68981	63.23	63.70	40	2.1	-chl. & calcite filled fractures with approx. 1% py -altered calcite & darker flow banding ? ± py
70.91	87.00	16.09	Granodiorite - -phaneritic-porphyratic similar to 2.10-52.00m -dark reddish-pink aplitic dykes at following intervals: ie: 80.12-80.20m @ approx. 450 to c.a. -darker more mafic flow banding present -non-porphyratic altered intervals are generally richer in Qtz and/or calcite or chlorite; py is often more abundant diss. throughout core and in fractures.	68982 68983 68984 68985	67.51 78.60 87.82 88.57	68.40 79.40 88.57 89.62	164 75 34 14	2.1 2.1 4.0 4.1	-altered gd with thin chl. fractures & py -fract. limonite & chl. parallel to c.a. with tr py -Qtz lenses & chl. fract. with py -chl. rock with Qtz calcite stringers & Qtz lenses -as above; less Qtz -lower gd contact up to 3% py
87.00	87.35	0.35	Altered Granodiorite - pinkish grey; med. c. gr.; anhedral horn blende almost completely altered to chl; fractures with f. s. py common	68986	91.15	91.55	64	3.2	
87.35	87.52	0.17	Mafic Dyke - v. fr. gr.; - aphanitic; dark green; calcite @ upper contact @ 200 to c.a.	68987	98.65	99.35	79	3.2	
88.05	88.95	0.90	Mafic Dyke - Same as above but parallel to c.a. for upper 40cm and swelling for lower 45cm. -reddish-orange staining associated with Qtz calcite stringers & lenses; lower contact @ 200 to c.a.; tr f. gr. diss. py.	68988 68927 68928 68929	100.65 103.21 104.81 105.65	101.05 104.81 105.65 106.30	60 515 518 313	5.1 4.9 2.9 2.5	

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 88-02
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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Sample Description:
88.95	103.20	14.25	Altered Granodiorite - Similar to 87.00-87.35m -py and tr cp? finely diss. in core and concentrated in some chlorite-rich fractures; sericitic alteration present	68989	108.30	109.04	1298	6.0	-altered silicified with approx. 2% py in chl. fractures -as above @ 150 to c.a. -as above; qtz calcite @ 100 to c.a. -chl fractures & py -qtz at 300 to c.a. ~1% f. gr. py -qtz tension gashes @ approx. 800 to c.a.; py approx. 1% -qtz & chl. fracture with py -qtz lenses & stringers with diss. py up to 3%
103.20	105.65	2.35	Mafic Dyke Mineralized - Dark green; v. f.gr. to aphanitic; calcite & qtz veins & veinlets with light pink tinge; foliation poorly defined @ approx. 150 to c.a.; laminated; diss py is m. f. gr. and up to 10% of core is py.	68990 68991 68992 68993 68994	110.00 111.25 112.25 126.05 127.60 128.60	110.50 112.25 126.70 128.60 130.15	110 67 113 1554 658	4.0 2.1 3.1 3.1 3.1	
105.65	139.45	37.80	Altered Granodiorite - Similar to 87.00-87.35m + py fill from intense fracturing & chl. + py fill from 108.30-112.25m @ 10-150 to c.a. White qtz & calcite in-filling fracture & causing local brecciation @ 131.90 & @ 132.80m; diss. py & magnetite	68995 68930	148.30 147.78	148.65 148.85	522 2200	3.1 2.1	-diss. py up to 2-1% -altered with py along chl. slips & fractures -strong shears; schists 1-2% py -2% py in altered gd. -mafic lens - py at CTCs -similar to 156.10-156.55m -altered with approx. 1% diss. py chl. fracture parallel c.a.
139.45	145.92	6.47	Granodiorite - -phaneritic-porphyratic; (upper 10cm is dark pinkish aplite with lower CTC @ approx. 450 to c.a.); generally massive; qtz & chl. lens w calcite; tr diss. py and magnetite; sharp irregular lower contact @ 900 to c.a.	68931 68932	148.45 154.50	150.65 155.28	93 198	(1.0) (1.0)	
145.92	146.30	0.38	Mafic Dyke - -dark greenish grey; porphyritic; m.-f.s. sub-hedral feldspar in a dioritic rock	68933 68934 68935 68936 68937	155.28 156.10 156.55 156.78 156.78 162.20	156.10 156.55 156.78 157.79 163.64	1119 104 29 23 115	1.6 (1.0) 1.4 (1.0) (1.0)	
146.30	179.00	32.70	Altered Granodiorite - Similar to 87.00-87.35m weakly sheared from 148.50-152.50m @ approx. 650 to c.a.; up to 3% diss. py throughout interval especially in chl. fractures and chloritized mafic minerals; some sericite; feldspar strongly saussuritized.	68938 68939 68940 68941 68942 68943 68944 68945 68946	163.64 165.53 166.53 167.10 167.94 169.28 170.79 171.83 171.83 175.28	165.11 166.46 167.10 167.68 169.28 170.79 171.83 173.23 176.42	36 41 132 756 84 610 1025 350 46	(1.0) (1.0) (1.0) 3.2 (1.0) (1.0) 2.6 1.8 1.2	-as above; red colour to core -as above w qtz vein -py approx. 2% associated with chl. -altered gd. py along slips -as above -diss. py in altered gd. -qtz stringers; chl. sericite fract. -altered gd.-chl. limonite filled fractures parallel to c.a. -qtz & chl. veins @ 500 to c.a.; up to 5% loc. py -sheared with qtz lenses diss. py approx. 0.5% -qtz chl. blebs and veins; sheared
				68996 68997 68998	176.42 192.40 193.33	177.32 193.33 194.36	84 381 596	3.1 4.1 4.1	

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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Sample Description:
			strongly sheared: @ approx. 400 to c.a. from 155.30-to 156.10m (chlorite-sericite schist) abundant diss. py; mafic f. gr. lens; 156.55-156.78m weak to moderate shearing @ approx. 400 to c.a. esp. from 167.30-168.60m; foliation changed to approx 600 to c.a. until approx. 170.00m-171.85m (900 to c.a.); 171.85-173.25m @ 350 to c.a.	68999 69000 93532A 93533A 93534A 93535A	198.80 207.55 217.65 220.10 231.10 252.80	199.40 207.75 218.15 221.05 231.80 253.60	516 26 32 28 15 12	4.1 3.1 2.1 5.0 3.1 2.1	-slightly sheared from 400 to c.a. qtz veining; f. gr. py -"hybrid" rock of Gd mixed with dacite & approx. 1% f. gr. py -chl. mafics are replaced by py -qtz calcite vein subparallel to c.a. with approx. 1.2% py & chl. -thin pyritized chl. veinlets -qtz-calcite chl. vein with py parallel to c.a.
179.00	194.85	15.85	Qtz Diorite to Granodiorite - "Peppered" med. grey to pinkish grey; med. gr. generally massive. -approx. 20% mafics (almost completely chloritized) Pink aplitic dyke @ 184.76-184.83m -minor calcite veinlets; tr diss. py & magnetite -qtz-chlorite lenses sheared from 192.40-194.36m @ approx. 75-800 to c.a.; qtz lenses & stringers are common; f. gr. py occurs in chloritic slips & fractures and along qtz selvages.	93536A 93537A 93538A 93539A 93540A 93541A 93542A 93543A 93544A 93545A 93546A	261.60 268.07 275.07 279.37 302.85 308.63 336.05 339.80 356.50 368.82 373.00	262.10 268.45 276.40 280.07 304.20 309.36 336.80 340.73 357.32 369.47 373.40	8 15 70 31 64 69 130 31 22 29 39	4.1 3.1 3.1 3.1 3.1 1.2 2.1 1.2 1.2 (1.0 1.2	-qtz vein-breccia of wallrock; 0.5% py -epidote veinlet @ 150 to c.a. with approx. 0.5% py -altered qtz diorite with qtz-calc. vein -vegy qtz veins with py -altered silicified zone with qtz vein @200 to c.a. -similar to above with approx. 1% py -moderate silicification; qtz-calc. chl. vein and py 200%e.a. -dark grey; silicified; qtz calcite vein 1 py -dark grey, carbonatized; minor hemi; diss. py; foliation @ 350 to c.a. -calcite vein with hem along selvages & assoc. diss. py -qtz-calcite vein @ 400 to c.a. with chl. & py; hem
194.85	196.60	1.75	Granodiorite - anhedra grading into phaneritic porphyritic rock; minor subrounded xenoliths of dacite in Gd (altered); "Hybrid" rock @ 207.55-207.75m; 211.47-211.75m -red hematite staining adj. to some fractures associated with qtz epidotized feldspar.	93547A 93548A 93549A 93550A	374.23 377.50 378.50 378.80	374.75 378.50 378.80 379.25	234 29 (5 8	1.2 (1.0 (1.0 2.1	-similar to above; vein @ 150 to c.a. hematized; tr py diss. throughout -bull qtz with hem-chl. slips -hematized; no sulphides -chl. calcite schist

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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Sample Description:
225.00	228.10	3.10	213.00-213.15m; qtz vein (1cm wide) @ 150 to c.a.; chl. along one contact and green elongated mineral growing ⊥ other CTC (epidote?) Dacite: Porphyritized - approx. 10-15% subhedral light green feldspar phenocrysts in dark green aphanitic groundmass; minor calcite; massive; tr diss f. gr. py diss. throughout.	93551A 93552A 93553A	379.25 401.52 408.38	380.45 401.97 409.08	6 27 114	3.1 1.2 (1.0)	-chl. calcite shist. -py rich veinlets cutting across xenoliths -qtz vein @ 100 to c.a.; massive py chloritization -mafic interval with calcite vein subparallel to c.a. with py -qtz-calcite vein @ 80 to c.a.; chl. altered with py.
228.10	304.20	76.10	Granodiorite with Qtz Diorite Phases - m. gr. - c. gr.; porphyritic; similar to 139.45-145.92m. Porphyritic dacite xenoliths "hybrid" rocks @: 229.10-229.20m; 232.00-232.38m -qtz-chlorite veins common; hematite lined fractures also common Altered: 244.40-248.90m with chlorite, minor sericite; qtz vein & trace diss py 261.70-261.95m; grayish-white qtz veins -sharp uneven contact @ approx. 300 to c.a.; local brecciation of wallrock; f. gr. py -epidote is ubiquitous 302.95-304.20m: altered med. gray silicified zone; qtz vein @ 200 to c.a. from 303.41-303.56m; approx. 1% disseminated py crystals and masses (qtz is blueish colour)	93554A 93555A	411.45 412.85	412.05 413.85	32 120	1.2 2.1	
304.20	373.00	68.80	Granodiorite to Qtz Diorite - -phaneritic-porphyritic; m. - c. gr. grades in and out of dioritic to qtz-dioritic phases; occasional mafic xenoliths. -sulphides are generally most abundant within qtz-calc. filled fractures or sparsely diss. in mafic minerals of core; epidote is present in minor hematite. -generally massive; chloritic fractures vary in orient. 336.05-336.80m; 339.80-340.75m;						

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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Sample Description:
373.00	377.50	4.50	dark grey; silicified from qtz veining; calcite - qtz vein @ 200 to c.a. ; minor hematite filled fract.; py diss. throughout (up to 2%) Altered Granodiorite to Diorite - -crystals are generally anhedral; m. gr.; dark grey to greenish-grey; chlorite ± sericite present i assoc. with qtz-calcite veins; reddish hematite staining also occas. present; saussurization present						
377.50	378.50	1.00	Hematized Diorite - -reddish with dark green chloritized amphiboles; approx. 5-10% blueish qtz; tr py.						
378.50	378.80	0.30	Quartz Vein - White bull qtz with minor red hematite stain and chl. along slips						
378.80	379.35	0.55	Altered Diorite - m.-f. gr.; chloritized with hematite stain						
379.35	380.45	1.10	Shear Zone Chloritic Schists - Strong to-intensely foliated; chl. with minor lenses of qtz & calcite. -foliation varies from 350 to c.a. to subparallel to c.a.; friable from 379.75-380.05m						
380.45	428.96	48.50	Altered Granodiorite to Qtz Diorite - anhedral crystals; similar to 373.00-377.50m -xenolith of sheared chl. schist with calcite @ 380.60-380.70m -mafic xenoliths are common throughout interval (similar to 304.20-373.00m). -mineralization is assoc. with qtz-calcite veins & altered zones of chl. & silification -from 416.00m downward core is c. gr. and hosts up to 20% chloritized amphiboles.						

428.96 E.O.H.

88-02 Sludge Samples

<u>No.</u>	<u>Distance (ft.)</u>	<u>Auppb</u>	<u>Au(ppm)</u>
1.	7-17	44	5.1
2.	17-27	38	6.1
3.	27-37	8	2.2
4.	37-47	45	(1.0
5.	47-57	35	(1.0
6.	57-67	15	3.2
7.	67-77	16	2.2
8.	77-87	51	10.9
9.	97	54	4.1
10.	107	14	2.2
11.	117	25	2.2
12.	127	12	2.2
13.	137	5	2.2
14.	147	34	3.2
15.	157	33	9.0
16.	167	8	4.1
17.	177	14	2.2
18.	187	9	8.0
19.	197	40	9.0
20.	207	(5	3.2
21.	217	14	(1.0
22.	227	14	2.2
23.	237	16	(1.0
24.	247	45	3.2
25.	257	50(au)	19.6
26.	267	40	(1.0
27.	277	(5	(1.0
28.	277-287	7	2.2
29.	297	30	(1.0
30.	297-317	22	20.5
31.	317-337	69	1.6
	337-357	818	8.6
32.	357-337	351	4.3
33.	377-397	54	5.2
34.	397-417	30	(1.0
35.	417-437	827	(1.0
36.	437-457	166	16.3
37.	457-477	51	6.1
38.	477-497	812(au)	21.4
39.	497-507	470	54.1
	507-527	350	20.2
40.	527-537	663	14.4
41.	547	439	9.8
42.	567	1141	4.3
43.	577	699	2.5
44.	587	160	(1.0
45.		54	2.5
46.		50	(1.0
47.		54(au)	(1.0
48.	617-627	191	(1.0
49.	637	353	(1.0
50.	647	194	(1.0
51.	657-667	135	(1.0

88-02 Sludge Samples (contn'd.)

<u>No.</u>	<u>Distance (ft.)</u>	<u>Au(ppb)</u>	<u>Au(ppm)</u>
52.		80	(1.0)
53.		38	(1.0)
54.		46	(1.0)
55.		77	(1.0)
56.	707-717	71(au)	(1.0)
57.	717-727	62	(1.0)
58.	737	39	(1.0)
59.	737-747	24	(1.0)
	747-757	64	1.8
60.	757-767	32	(1.0)
61.	777	32	(1.0)
62.	787	32	(1.0)
63.	797	36	3.4
64.	807	58	(1.0)
	807-817		
65.	817-827	95	(1.0)
66.	837	24	(1.0)
67.	847	31	(1.0)
68.	857-867	8	(1.0)
	867-877		
69.	887	27(au)	(1.0)
70.		18	1.2
71.		23	(1.0)
72.		29	1.4
73.		16	2.9
74.	927-937	91	3.5
75.		52	2.3
76.		13	1.1
77.		8	(1.0)
78.		14	1.9
79.		47	5.0
80.		29	1.5
81.		58	2.5
82.		66	4.0
83.	1017-1027	154	2.5
84.		15	1.5
85.		17	1.7
86.		13	1.4
87.		29	1.1
88.		13	(1.0)
89.		11	1.2
90.		31	1.5
91.		38	(1.0)
92.		12	(1.0)
93.			
94.		37	(1.0)
95.		11	(1.0)
96.		19	1.2
97.		12	(1.0)
98.		18	(1.0)
99.		11	(1.0)
100.		10	(1.0)

88-02 Sludge Samples contn'd.

<u>No.</u>	<u>Distance (ft)</u>	<u>Au(ppb)</u>	<u>Au(ppm)</u>
101.		35	1.2
102.	1207-1217	79	1.1
103.		47	1.3
104.		38	1.6
105.	(contaminated)		
106.		35	1.6
107.		16	3.3
108.		24	2.1
109.		33	2.5
110.		19	2.7
111.		29	2.2
112.		62	2.4
113.		35	1.6
114.		25	2.4
115.		35	1.5
116.		41	2.3
117.		46	3.3
118.		41	1.8
119.		22	2.3
120.		13	1.5
121.		10	1.3
122.	337-357	818	8.6
123.	507-527	350	20.2
124.	547-557	335	17.4
125.	647-657	248	1.6
126.	747-757	64	1.8
127.	847-857	28	1.4

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 88-03
Page No: 1 of 2

Job: 482-13 N.T.S.		Drilled By: Motherlode		Core Location: Beardmore		Tests:			
Property: Miron		Commenced: January 31, '88		Core Size: BQ		Dip: Azimuth			
Twp./Prov.: Elmhurst, Ontario		Completed: February 1, '88		Remarks:		@ Collar: -450 200' -476 3600			
Location: Latitude: 300' W of		Length: S. N. Pudifin		Claim No: 813374		407' -470			
Departure: fork		Logged By: Feb. 17 & 18/88							
Elevation:		Date:							
From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Sample Description
0	2.10	2.10	Casing -	93578A	5.70	6.20	34	1.0	-fracture filled with py; limonitic staining.
2.10	64.70	62.60	Granodiorite - -pinkish grey, med. to cr. gr.; generally massive -slightly porphyritic texture; minor epidote 45-40% red feldspar; potassic or hematite alteration; 35% greenish feldspar; often saussuritized; 10-15% qtz; grey vitreous; approx. 10% hornblende, sometimes chloritized. Magnetic accessory mineral w diss. py Pink aplitic intervals @; 3.00-3.35m (upper & lower contacts @ 300 to c.a.); 6.30-6.35m (600 to c.a.); 7.55-7.58m (600 to c.a.) -fractures generally chloritic with f. gr. euhedral py crystals; some altered zones are foliated or silicified giving gneissic appearance to core (generally mineralized - see sample description) Qtz diorite phases present: 21.55-23.15m (gradational lower contact); 28.40-29.62m (qtz vein @ 300 to c.a. with massive blebs of py along selvages); 37.88-38.68m; 39.78-39.98m; 41.24-41.80; 45.10-45.80m Red hematite rich interval: 42.05-42.75m (f. gr & with approx. 1% f. gr. dissem. py).	68947 93579A 93580A 93581A 93582A 93583A 68948 68949 68950 68951 93584A	16.56 21.15 28.60 30.98 42.05 61.57 75.93 76.38 77.11 77.11 78.25 78.81 108.30	17.16 21.55 28.85 31.63 42.75 61.80 76.38 77.11 78.25 79.50 108.70	74 175 515 14 49 6 109 59 26 276 56	(1.0) 1.8 15.2 1.0 1.0 1.0 (1.0) (1.0) (1.0) 36.4 1.0	-fracture filled with py; limonitic staining. -altered granodiorite; gneissic, qtz with 2% py parallel to foliation @ approx. 500 to c.a. -f. gr. silicified & minor hematite 0.25% py -qtz vein with chl. slips & py adj. to vein; tr cp. -silicified zone from qtz veinlets @ 300 to c.a. -felsite with diss. magnetite & py hematized -qtz calcite vein 1.5cm wide with diss. py along selv. @300 to c.a. -altered granodiorite with approx. 1% f. gr. py along chl.-calc. frac. -white vitreous qtz approx. 0.5-1% f. gr. py along chl. fractures -altered granodiorite with approx 0.5% f. gr. dias. py -massive pockets of f. gr. py & up to 10% f. gr. fracture fill. -qtz calc. veinlet @ 300 to c.a.; silicified py diss. along selvages -similar to above -qtz calcite lens with minor cp CTC area
64.70	66.26	1.56	Mafic Dyke - upper contact is 500 to c.a.; lower contact is 300 to c.a.	93588A 92585A	109.00 113.10	109.27 113.42	197 11	<1.0 1.6	

GREATER TENAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 88-03
Page No: 2 of 2

From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Sample Description:
66.26	112.09	45.83	-f. gr. dark green, massive; very weakly porphyritic; minor very thin calcite veinlets -tr. f. gr. diss. py	93586A 93587A	114.45 116.65	114.80 116.90	468 57	3.8 2.2	-qtz-calcite vein with chl. fract and py at 25-300 to c.s. -as above
			Granodiorite - Similar to 2.10-64.70m but not phaneritic (crystals are generally more altered and anhedral) Altered intervals are associated with fracturing or qtz veins; qtz vein from 76.88-77.11 is mineralized with f. gr. py, upper & lower contact zones have 0.5-1% py; approx. 10-15% py massive patches and replacement of veins from 78.81-79.50m						
112.19	113.35	1.26	Mafic Dyke - v. f. gr.; dark green to black with white specks of calc. develops foliation to wards bottom of interval @ 580 to c.s.; vuggy qtz-calcite and granodiorite from 113.24-113.28m						
113.35	123.33	9.98	Granodiorite - similar to 66.26-112.09m; generally massive altered zones are silicified resulting from thin qtz & calcite veins; py is commonly associated with these zones.						
			123.33 EOH						

88-03 Sludge Samples

<u>No.</u>	<u>Depth (ft.)</u>	<u>Au(ppb)</u>	<u>Ag(ppm)</u>
1.	17-27	56	2.6
2.	37	14	(1.0
3.	47	44	1.7
4.	57	79	1.7
5.	67	44	(1.0
6.	77	40	(1.0
7.	87	40	(1.0
8.	97	199	3.5
9.	107	68	4.6
10.	117	34	(1.0
11.	127	9	2.6
12.	137	12	(1.0
13.	147	32	1.7
14.	157	14	(1.0
15.	167	6	1.7
16.	177	12	(1.0
17.	187	45	(1.0
18.	197	10	(1.0
19.	207	8	1.7
20.	217	9	2.7
21.	227	46	1.7
22.	237	(5	(1.0
23.	247	31	(1.0
24.	257	50	2.6
25.	267	49	4.6
26.	277	33	1.7
27.	287	21	(1.0
28.	297	50	1.7
29.	307	(5	1.7
30.	317	(5	(1.0
31.	317-327	9	1.7
32.	337	43	1.7
33.	347	18	(1.0
34.	357	18	(1.0
35.	367	31	1.7
36.	377	28	1.7
37.	387	54	1.7
38.	397	15	(1.0
39.	397-407	12	2.7

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 88-04
Page No: 1 of 3

Job: <u>482-13</u> · <u>N.T.S.</u>		Drilled By: <u>Motherlode</u>		Core Location: <u>Reardmore</u>		Tests:			
Property: <u>Huron</u>		Commenced: <u>February 2, '88</u>		Core Size: <u>80</u>		Dip <u>Asimuth.</u>			
Twp./Prov.: <u>Elmhirst, Ontario</u>		Completed: <u>February 3, '88</u>		Remarks:		Collar: <u>-450</u> <u>-480</u> <u>-470</u>			
Location: Latitude: <u>300' W of</u>		Length: <u>183.9m (607')</u>		Claim No: <u>813374</u>					
Departure: <u>fork</u>		Logged By: <u>S. H. Pudifin</u>							
Elevation:		Date: <u>February 14, '88</u>							
From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Sample Description
0	3.03	0	Casing -						
3.03	86.64	83.61	Granodiorite-- Pinkish grey, phaneritic - porphyritic; med. - c. gr. 40% light green feldspar 35% pinkish feldspar approx. 15% : grey qtz 8-10% black amphibole tr diss. magnetite; minor epidote and chl. alteration of mafics; yellowish-orange iron staining along fractures in upper 8.50m; chlorite-filled fractures are common; 18.50-19.48: Qtz-calcite vein (approx. 5cm wide) @ 150 to c.a.; py occurs as diss. crystals along selvages; massive blebs of chl. occurs within the vein. 38.90m: 2cm wide calcite vein @ 300 to c.a. with massive chl. bleb along lower contact; pinkish alteration. Narrow intervals of felsite and qtz diorite phases grade in and out of granodiorite. Alteration, caused by fracturing (generally filled with chl.) and/or qtz-calcite veining; gives core a greyish, mottled appearance (see sample descriptions); diss. py is commonly present in these intervals; at 64.75 red fracture; 74.35-74.83m: Pink, f. gr. massive splittic phase with minor thin fractures filled with chl. and minor py.	93589A 93590A 93591A 93592A 93593A 93594A 93595A 93596A 93597A 93598A	5.65 18.68 26.13 28.75 32.01 45.44 50.02 55.95 60.60 72.70	6.45 19.48 26.28 29.45 32.28 46.74 50.68 57.03 61.10 73.80	15 71 13 6 46 98 113 14 20 14	(1.0) 1.2 (1.0) (1.0) (1.0) 2.0 2.4 (1.0) (1.0) (1.0)	-diss. py -white vitreous qtz. & calcite vein with blab of massive chl. & py -qtz-calcite fracture @ approx. 50 to c.a. with diss. py cubes -similar to above with chl. along fracture (100 to c.a.) -as above @ 300 to c.a. -red soft mineral along selvages -altered greyish granodiorite crosscut with chl. & qtz calc. veinlets with assoc. py -as above; silicified qtz-calcite veins generally @ approx. 300 to c.a.; 2% py upper 20cm, weakly sheared & 350 to c.a., approx. 2%; py -greyish, chl. altered gd from chl. like fracture @ 220 to c.a. -mottled grey from chlorite-filled frag. @ approx. 50 to c.a. with dissemin. tr py

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 88-04
Page No: 2 of 3

From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Sample Description:
86.64	87.57	0.93	Mafic Dyke - Dark green; v. f. gr.; weakly porphyritic with approx. 5% f. gr. subhedral feldspar from (0.5mm to approx. 4mm); upper contact @ 400 to c.a.; lower contact @ 200 to c.a.	93599A 93600A 93601A	74.15 74.35 96.26	74.75 74.83 97.09	31 15 46	1.0 (1.0) 1.2	-py filled veinlet @ 200 to c.a. upper contact with split -pink split, tr diss. py along chloritic fractures -dark to med. grey, altered granodiorite; cut by chl. fractures @ approx. 100 to c.a.; py -sheared qtz diorite with f. gr. diss. py
87.57	114.02	26.45	Granodiorite - similar to 3.03-86.64m; xenolith of mafic dyke from 87.72-87.80m; mineral outlines not as well defined due to some sericitization and epidote alteration. -minor qtz-calcite veins with massive clots of f. gr. chlorite	93602A 93603A 93501	115.20 123.33 124.75	115.52 124.75 126.24	24 457 223	1.2 (1.0) 1.4	-sheared qtz-diorite with tr f.-m. gr. py associated with chl. -sheared qtz-diorite @ 600 to c.a. with diss. py
			93.20-93.55m: silicified dark grey interval with abundant chlorite grading into med. grey m-c. gr. interval of qtz dioritic rock from approx. 93.55 to 94.65m.	93502 93503 93504	126.24 127.67 129.13	127.67 129.13 130.50	187 33 71	2.1 (1.0) 1.3	-as above; shearing @ 450 to c.a. -as above; shearing @ 500 -as above; weak shearing @ 450
			97.44-97.55m: apitic buff-grey coloured phase; upper & lower contact @ 250 and 300, respectively; thin pinkplitic phase perpendicular to the core axis from 103.16-103.21m.	93505 93506 93507	130.50 131.99 133.44	131.99 133.44 134.89	159 100 212	1.4 (1.0) 3.8	-as above; sericite common -sericitic/py assoc. with chl. wisps -limonitic, fractured qtz wisps; py up to 2-3%
			106.60: chlorite-calcite vein 107.98-108.18: altered, chloritic weakly sheared @ approx. 400 to c.a. with purplish blue qtz; similar from 110.22-110.77m.	93508 93509	134.89 135.92	135.92 137.38	125 40	(1.0) (1.0)	-as above; less py towards bottom of interval -as above with more chl. approx. 0.25% py.
114.02	132.40	18.38	Sheared Quarts-Diorite (gneissic) Dark grey, chloritized, bluish purple qtz augens; foliation varies @ 115.50 @ 550 to c.a. -minor pink calcite pods; py diss. throughout -pinkish greyplitic phase from 117.50-117.71m	93510 93511 93604A 93605A	137.38 138.78 148.00 179.91	138.78 140.18 148.42 180.51	7 6 44 26	(1.0) (1.0) 2.0 1.8	-as above -as above, tr py. -qtz-calcite veins assoc. chl. & py -altered granodiorite; qtz. calcite with f. gr. py @ 25' to c.a.;
132.40	153.79	21.39	Granodiorite - Pinkish-grey, fine grained, weakly sheared limonitic in upper sheared interval to 140.35m; minor sericite.	93606A 93521A	182.13 182.43	182.43 183.90	59 27	10.2 (1.0)	-qtz-calcite vein @ approx. 50 to c.a. with tr py. -altered Gd from qtz-calcite veinlets - f. gr. py along fractures.

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 88-04
Page No: 3 of 3

From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Sample Description:	
153.79	154.39	0.60	<p>Mafic Dyke - m. f. gr.; dark green; upper and lower contacts @ 200 & 250 to core axis respectively</p> <p>Granodiorite - med. grayish; med. grained; phaneritic -epidote is abundant at upper contact -reddish hematite stain from 166.70-166.75 -f. gr. more mafic xenoliths present -more mafic dioritic phase from: 167.00-167.40m; 176.41-176.51m Altered darker grey interval: 179.90-180.92m; 182.13-183.90m; These intervals are cut by narrow qtz & calcite veins; diss. f. gr. traces of py</p>							
			<p>-140.35m downward, m. gr; phaneritic -pink hematite staining sporadic 148.00-148.25m pink aplite crosscut by qtz-calcite vein approx. 1cm wide @ 200 to c.a. -epidote common in lower 1.5m -qtz-calcite vein @ 850 to c.a. @152.90m; chlorite blebs on selvages</p>							
			183.90 E.O.H.							

<u>No.</u>	<u>Depth (ft.)</u>	<u>Au(ppb)</u>	<u>A (ppm)</u>
1.	17-27	46	6.4
2.	27-37	21	5.4
3.	37-47	59	7.8
4.	47-57	154	7.4
5.	57-67	22	5.6
6.	67-77	14	7.8
7.	77-87	16	6.3
8.	87-97	78	11.8
9.		(insufficient sample)	
10.	107-117	" "	7.6
11.	117-127	13	9.6
12.	127-37	18	12.0
13.	137-147	17(au)	11.0
14.	147-157	53	19.6
15.	157-167	115	18.2
16.	167	65	22.0
17.	177	19	19.0
18.	187	10	35.6
19.	197	9	25.8
20.	207	41	15.7
21.	217	22	10.8
22.	227	(insufficient sample)	11.6
23.	237	15	3.2
24.	247	14	6.4
25.	257	22	4.2
26.	267	16	3.5
27.	277	12	2.8
28.	287	11	5.4
29.	297	13	3.6
30.	307	(insufficient sample)	3.6
31.	317-327	15	4.5
32.	327-337	(insufficient sample)	4.7
33.	347	18	4.5
34.	357	17	1.2
35.	367	16	1.2
36.	377	13	(1.0
37.	387	13	3.5
38.	397	8	5.3
39.	407	46	6.4
40.	407-417	239(au)	6.3
41.	427	167	10.2
42.	437	62	25.1
43.	447	158	14.2
44.	457	63	15.0
45.	467	14	11.0
46.	477	13	11.0
47.	487	32	6.7
48.	497	25	14.1
49.	507	24	10.8
50.	517	113	3.8
51.	527	8	9.4
52.	537	27	6.5
53.	547	24	4.6
54.	557	6	6.0
55.	567	11	3.6
56.	577	(5	2.7
57.	587	8	2.2
58.	597	10	2.4
59.	607	19(av)	3.2

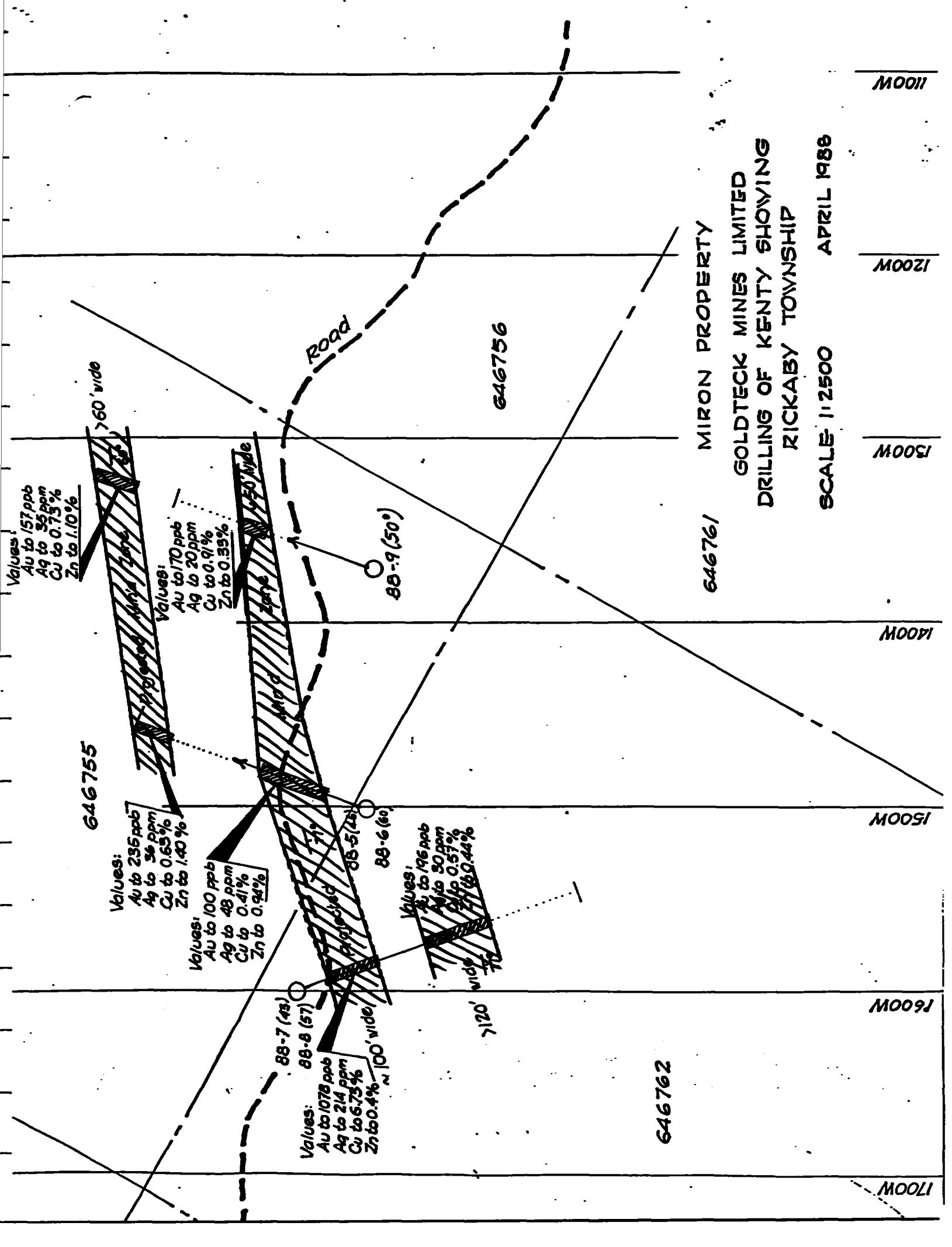
CONCLUSIONS AND RECOMMENDATIONS
PER MIRON ELMHIRST PROPERTY

Two east-west trending EM zones were intersected by the four drill holes. The northerly of the two zones gave values of gold up to 515 ppb and silver up to 36 ppm over narrow widths and was not deemed worthy of follow-up. However, a zone cutting the southerly EM conductor gave a width of 70 metres with values of gold up to 2200 ppb and silver up to 6 ppm.

The zone was intersected in hole 88-02 at a depth of 120 metres. It is recommended that two short drill holes of 500 feet each be drilled to verify the zone, its width and its attitude at two different depths.

DRILL RESULTS FROM THE MIRON RICKABY PROPERTY

- a) Drill hole location map**
- b) Drill sections**
- c) Drill logs**
- d) Conclusions**



Values:
 Au to 157 ppb
 Ag to 35 ppm
 Cu to 0.75%
 Zn to 1.10%

Values:
 Au to 235 ppb
 Ag to 36 ppm
 Cu to 0.63%
 Zn to 1.40%

Values:
 Au to 100 ppb
 Ag to 48 ppm
 Cu to 0.41%
 Zn to 0.94%

Values:
 Au to 1078 ppb
 Ag to 214 ppm
 Cu to 6.73%
 Zn to 0.4%

Values:
 Au to 170 ppb
 Ag to 20 ppm
 Cu to 0.91%
 Zn to 0.33%

Values:
 Au to 196 ppb
 Ag to 30 ppm
 Cu to 0.57%
 Zn to 0.44%

>60' wide

>50' wide

>100' wide

>120' wide

88-7 (43)
 88-8 (57)

88-9 (50)

88-5 (25)
 88-6 (60)

Road

646755

646756

646762

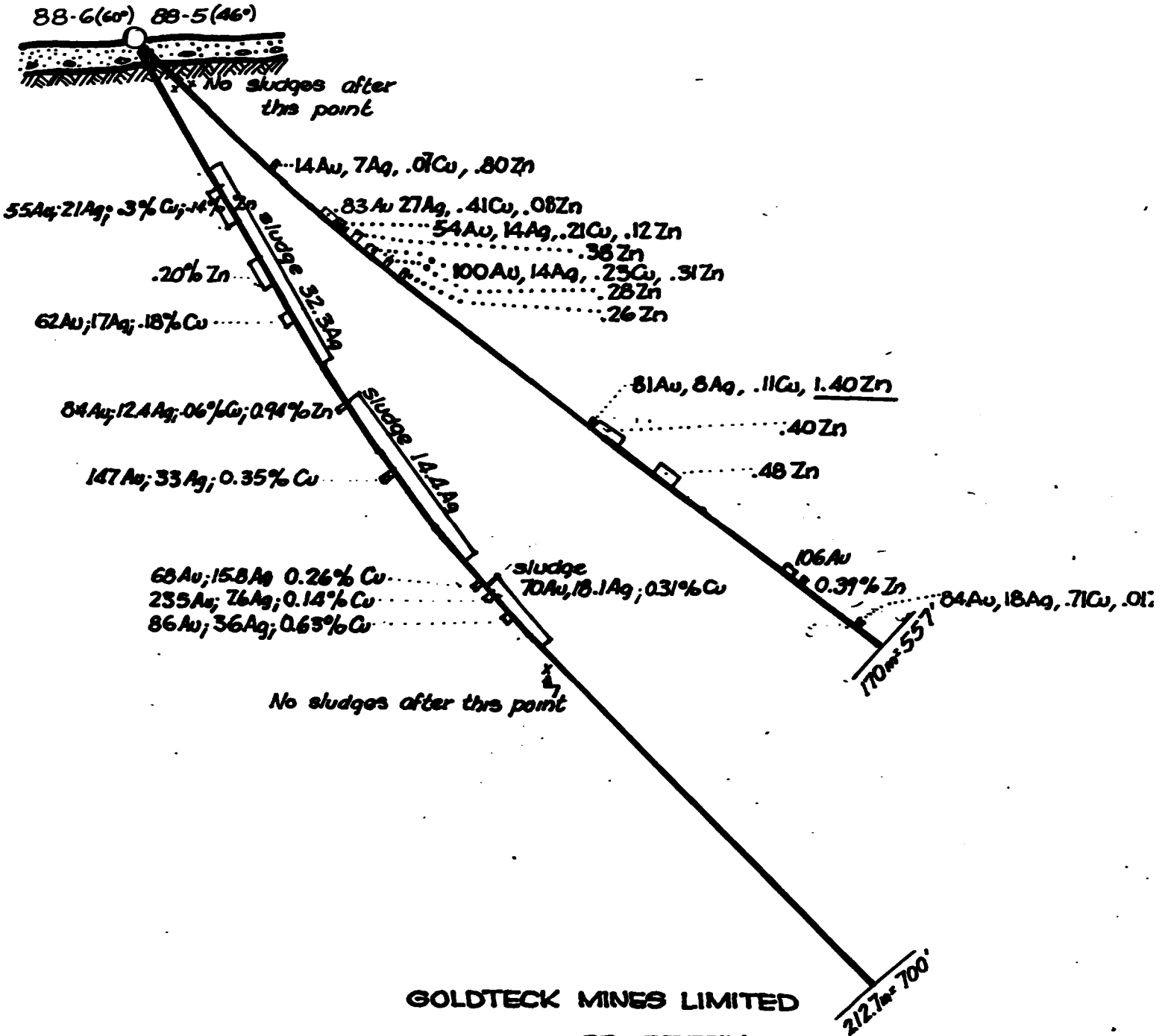
MIRON PROPERTY
 GOLDTECK MINES LIMITED
 DRILLING OF KENTY SHOWING
 RICKABY TOWNSHIP

SCALE 1:2500
 APRIL 1988

MO00I
 MO00I
 MO00I
 MO00I
 MO00I
 MO00I
 MO00I

N10W

Au in ppb
Ag in ppm
Cu in %
Zn in %



GOLDTECK MINES LIMITED
 MIRON PROPERTY
 RICKABY TOWNSHIP
 KENTY SHOWING
 SCALE 1:1000 1988
 4/21

DDH 88-05
 88-06

88-8 (57°) 88-7 (43°)

S50E

88-7 Sludges

88-7 Core

132 Au
46 Ag

187Au, 38Ag, .54Cu, .02Zn

192Au, 32Ag, .12Cu, .05Zn

333Au, 36Ag, .51Cu, .02Zn

100Au, 31Ag, .50Cu, .07Zn

144Au, 26Ag, .52Cu, .08Zn

180Au, 44Ag, .25Cu, .14Zn

465Au, 214Ag, 2.80Cu, .25Zn

221Au, 102Ag, 2.11Cu, .21Zn

88-8 Sludges

107Au, 40Ag, 0.70Cu, 0.09Zn

34Ag

233Au, 32Ag, .27Cu, .37Zn

107Au, 83Ag, 2.70Cu, .23Zn

88-8 Core

288Au, 74Ag, 1.14Cu, .14Zn
1078Au, 208Ag, 6.73Cu, .47Zn
353Au, 7Ag, .14Cu, .06Zn

*no sludges after
this point*

.16% Cu, .44% Zn

.27% Zn

.27% Zn

.30% Zn

.27% Zn

.28% Zn

.29% Zn

137Au
0.29Cu

82Au, 11Ag, 0.14Cu, 0.10Zn

274Au, 92Ag, 1.62Cu, .15Zn

145Au, 14Ag, .47Cu, .03Zn

81Au, 24Ag, .54Cu, .31Zn

79Au, 30Ag, .57Cu, .20Zn

34Ag

196Au, 14Ag

20Ag

22Ag

GOLDTECK MINES LIMITED

MIRON PROPERTY

RICKABY TOWNSHIP

KENTY SHOWING

SCALE 1:1000

1988

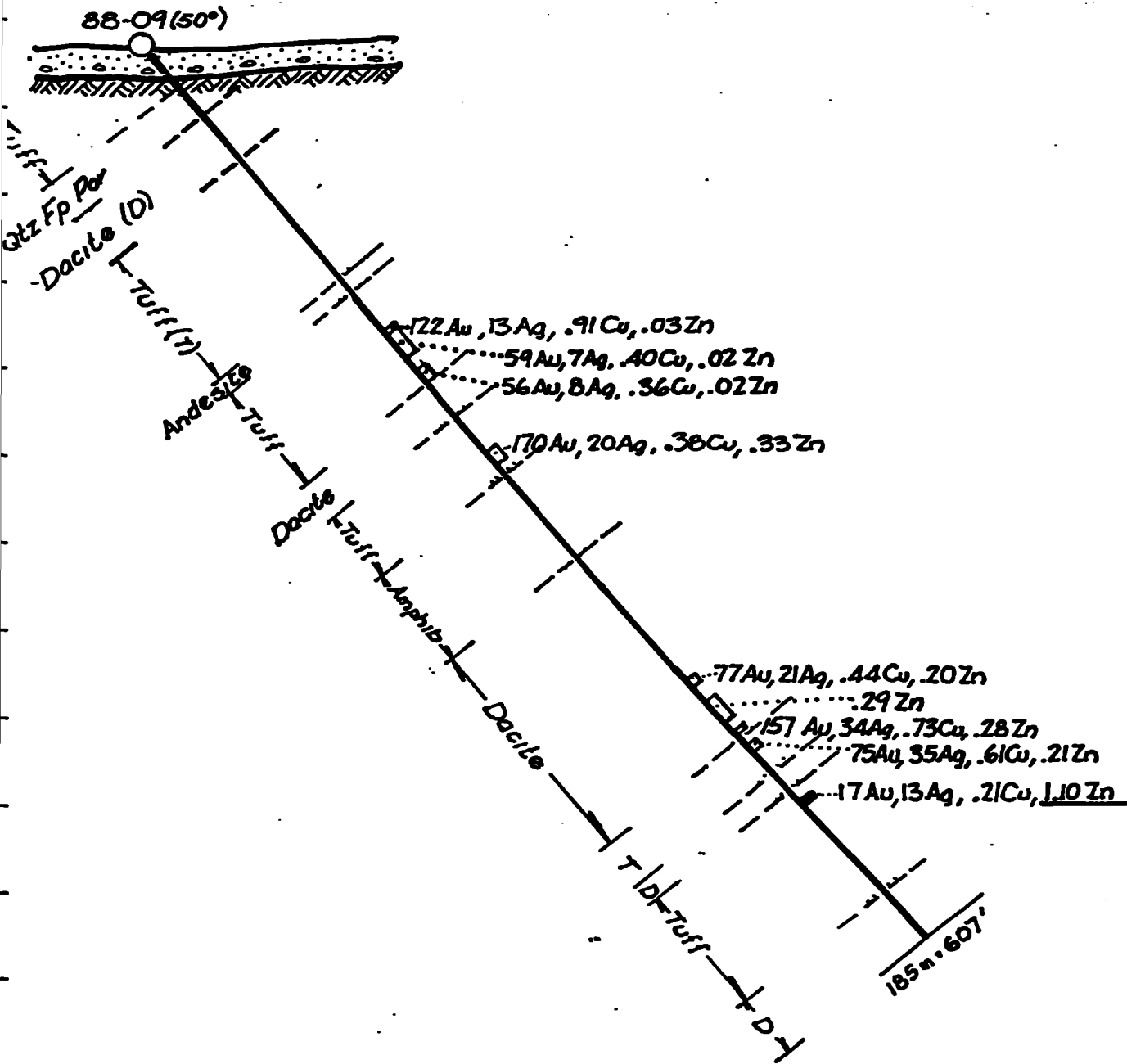
a.j.m.

2613m-857'

211m-69'

Au in ppb
 Ag in ppm
 Cu in %
 Zn in %

N10W



GOLDTECK MINES LIMITED

MIRON PROPERTY

RICKABY TOWNSHIP

KENTY SHOWING

SCALE 1:1000 1988

a.j.m.

DDH 88-09

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 88-05
Page No: 1 of 4

Job: Beardmore N.T.S. Property: Hiron (Kanty) Twp./Prov.: Nickaby Location: Latitude: 3408 N Departure: 1500 W Elevation:		Drilled By: Motherlode Commenced: February 11, '88 Completed: February 18, '88 Length: 172.87m Logged By: S. M. Pudifin Date:		Core Location: Beardmore Core Size: BQ Remarks: Claim No: 646762		Tests: @ Collar: Dip Azimuth 257' 390' 557' 390'				
From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Cu ppm	Zn ppm	Sample Description
0	3.30	Casing	93895A	3.35	4.65	11	5.6	608.0	1596.0	limonite along fractures, 0.5-1% dissem. py
3.30	11.45	Dacitic to felsic tuff - Med. grey; med-f. gr.; foliated @ 25° to c.a. minor limonite, 0.5 to 1% f. gr. dissem. py throughout core and along fracture (irregularly distributed) 6.70m: banding @ 30° to c.a., more felsic to base of interval 10.50-11.45m: Felsic lapilli tuff, fragments are subangular; up to 4cm diam; more mafic dark grey in a f. gr. felsic matrix; sericitic between lapilli fragments	93896A 93897A 93898A 93899A	4.65 6.15 7.65 34.51	6.15 7.65 34.51	6 12 14	1.0 2.6 6.6	71.4 272.8 656.0	772.0 744.0 7960.0	-f. gr. py dissem. throughout core 0.5% up to 2% fgr. dissem. and blebby py -qtz-calcite vein (1cm wide) subparallel to c.a. ~ 1% py -irregularly dissem. blebs of py 0.5%, tr cp -as above -0.25-0.5% dissem. py with increasing amounts of dissem. po to 0.5% tr cp -0.5% po. 0.25% cp, tr dissem. py -lower half is rhyolitic -1% py, often along fractures, dissem blebs cp 1.25% tr po -0.5% f. gr. clusters py, 0.25% f. gr. blebs cp -2% py blebs & fracture filling 0.5% f. gr. blebs cp tr. sph. in calcite fractures -1-2% f.gr. clusters/blebs py, with tr irregularly distributed cp & sph. -1% f. gr. clusters py 0.50% sph. Generally with py in calcite vein -tr dissem. blebs cp -3-4% dissem. blebs & masses, py, 0.5% f. gr. sph, tr f. gr. cp
11.45	19.93	Feldspar Porphyry - Med. grey dacitic matrix, occasionally sericitic, with c. gr. subrounded and some square feldspar (1mm to 1.5cm in diam.) some feldspar are zoned or pink in colour; tr dissem. m. gr. py - few qtz veins.	93900A 93901A 93902A	42.10 44.10 45.60	43.60 45.60 47.10	11 32	5.0 9.2	385.4 1960.0	1412.0 1596.0 1016.0	-as above -0.25-0.5% dissem. py with increasing amounts of dissem. po to 0.5% tr cp -0.5% po. 0.25% cp, tr dissem. py -lower half is rhyolitic -1% py, often along fractures, dissem blebs cp 1.25% tr po -0.5% f. gr. clusters py, 0.25% f. gr. blebs cp -2% py blebs & fracture filling 0.5% f. gr. blebs cp tr. sph. in calcite fractures -1-2% f.gr. clusters/blebs py, with tr irregularly distributed cp & sph. -1% f. gr. clusters py 0.50% sph. Generally with py in calcite vein -tr dissem. blebs cp -3-4% dissem. blebs & masses, py, 0.5% f. gr. sph, tr f. gr. cp
19.93	40.60	Dacite - Med. grey, med. grained, well compacted, generally no structure; qtz veins @ the following intervals: 23.08-23.29m @ 270 (subparallel to c.a.); 36.21-36.38 @ 220 to c.a.; hosting chlorite fractures; qtz-calcite vein; 1cm wide @ 33.55m with 1% py. -v. f. gr. soft ash tuff at 32.75-33.36m - tr f. gr py	93903A 93904A 93905A 93906A 93907A 93908A 93909A	47.10 48.60 50.02 50.02 51.80 53.30 53.30 54.70 55.35 55.35	48.60 50.02 51.80 53.30 54.70 55.35 56.85	86 56 52 10 16 19 100	26.4 16.2 12.6 2.4 3.6 2.4 14.4	4060.0 2572.0 1676.0 142.2 281.0 322.8 2264.0	572.0 866.0 1492.0 2236.0 3020.0 1126.0 3136.0	-f. gr. py dissem. throughout core 0.5% up to 2% fgr. dissem. and blebby py -qtz-calcite vein (1cm wide) subparallel to c.a. ~ 1% py -irregularly dissem. blebs of py 0.5%, tr cp -as above -0.25-0.5% dissem. py with increasing amounts of dissem. po to 0.5% tr cp -0.5% po. 0.25% cp, tr dissem. py -lower half is rhyolitic -1% py, often along fractures, dissem blebs cp 1.25% tr po -0.5% f. gr. clusters py, 0.25% f. gr. blebs cp -2% py blebs & fracture filling 0.5% f. gr. blebs cp tr. sph. in calcite fractures -1-2% f.gr. clusters/blebs py, with tr irregularly distributed cp & sph. -1% f. gr. clusters py 0.50% sph. Generally with py in calcite vein -tr dissem. blebs cp -3-4% dissem. blebs & masses, py, 0.5% f. gr. sph, tr f. gr. cp

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 88.
Page No: 2 of 4

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Cu ppm	Zn ppm	Sample Description
40.60	44.05	Felsic-Dacitic Lapilli Tuffs - Med. grey, fragments are subangular, sericitic wisps throughout; irregularly distributed, disseminated, blebs of py of 5% and lesser amounts of sp; angle to c.a. is 50 to 60	93910A 93911A 93912A 93913A 93914A 93915A	56.85 59.37 60.87 62.37 70.10 71.70	57.50 60.87 67.37 63.87 71.70 73.20	20 53 68 35 29 15	3.2 3.8 4.6 3.6 2.0 2.4	167.4 244.4 287.0 207.2 190.0 95.9	2086.0 720.0 452.0 2616.0 1880.0 2440.0	1% dissem. py, tr f. gr. blebs cp -tr cp & py -0.25% py, tr sph. 0.5% py blebs; tr sph. is assoc. w. py -0.25% dissem blebs of py, tc sph. & cp -dissem py 0.5% in core, 0.5% sph. 0.5% to py tr cp in calcite blebs veins -0.5-1% disse clusters py, 0.25% disse. f. gr. sph. -as above -tr dissem py -dissem blebs py 2%, sph, 1% tr cp -0.5%-1% disse py 0.25-0.5% sph. tr cp -as above -as above -calcite veins filled with disse. sph. 2% - 0.5% cp, tr py -0.5% disse sph. 0.5% disse py -tr f. gr. py & sph. ? -tr-0.25% disse sph. in calcite vein tr disse. py -dissem cp fills band, 1cm wide (4tr-calcite) tr sph. -0.5% disse. clusters py, 0.25% f.gr. sph.
44.05	51.80	Felsic-Dacitic Ash Tuff - Med. grey, aphanitic; sericitic in places. Rhyolitic intervals; 46.60-47.05m; 47.56-48.57m; 49.86-50.15m	93916A	73.20	74.70	13	2.4	109.2	322.4	to py tr cp in calcite blebs veins dissem. f. gr. sph.
51.80	59.60	(generally there exists a narrow lapilli tuff interval above the rhyolite)	93917A 93918A 93919A 93920A 93921A 93922A 93923A	74.70 75.90 99.70 101.20 102.70 104.20 105.50	75.90 76.90 101.20 102.70 104.20 105.50 106.15	6 12 9 12 13 6 81	3.6 1.6 2.4 3.4 3.6 3.4 7.6	127.2 380.0 106.4 408.2 393.2 208.0 1104.0	-as above -tr dissem py -dissem blebs py 2%, sph, 1% tr cp -0.5%-1% disse py 0.25-0.5% sph. tr cp -as above -as above -calcite veins filled with disse. sph. 2% - 0.5% cp, tr py -0.5% disse sph. 0.5% disse py -tr f. gr. py & sph. ? -tr-0.25% disse sph. in calcite vein tr disse. py -dissem cp fills band, 1cm wide (4tr-calcite) tr sph. -0.5% disse. clusters py, 0.25% f.gr. sph.	
59.60	66.70	Andesite-Dacite Tuff - Intercalated with coarser lapilli tuff intervals; 57.50-58.50m; rhyolitic: qtz filled stretched out vesicles; negligible mineralization.	93924A 93925A 93926A	106.15 107.65 110.60	107.65 109.15 111.00	7 (5) 11	2.2 1.8 2.0	160.4 87.4 80.2	4900.0 2600.0 4630.0	2% - 0.5% cp, tr py -0.5% disse sph. 0.5% disse py -tr f. gr. py & sph. ? -tr-0.25% disse sph. in calcite vein tr disse. py -dissem cp fills band, 1cm wide (4tr-calcite) tr sph. -0.5% disse. clusters py, 0.25% f.gr. sph.
66.70	69.60	-chlorite content sometimes quite high; approaching andesite composition -some narrow more felsic intervals rhyolitic composition	93927A 93928A	113.69 117.65	114.34 219.15	15 14	4.9 4.6	792.2 664.0	1200.0 1892.0	tr disse. py -dissem cp fills band, 1cm wide (4tr-calcite) tr sph. -0.5% disse. clusters py, 0.25% f.gr. sph.
69.60	75.90	Dacite - Massive; weakly porphyritic with feldspar phenocrysts almost completely obliterated, similar to 19.93-40.60m; negligible mineralization lower contact is gradationally more felsic Rhyodacite to Dacitic Tuff Minor agglomerate (felsic subrounded fragments) 0.5% disse py blebs.	93929A 93930A 93931A 93932A 93933A 93934A 93935A 93936A 93937A	119.15 120.65 122.15 122.15 131.23 132.73 146.25 147.75 149.25 152.30	120.65 122.15 122.90 132.73 134.23 147.75 149.25 151.05 152.85	14 13 7 56 46 17 32 106 20	4.4 3.0 2.0 1.5 1.2 1.6 3.4 4.4 1.8	640.0 155.2 147.0 141.0 149.6 620.0 386.0 580.0 3920.0	-f. gr. py, 0.5% f. gr. sph, tr cp -0.5% py, 0.25% sph. tr cpi -0.5% py, tr sph, -up to 1% f. gr. clusters of py -as above -tr dissem cp -as above -as above -as above -1% py blebs, 0.25% sph. & assoc. cp in calcite veins	

88-05 Sludge Samples

<u>No.</u>	<u>Depth (ft.)</u>	<u>Au(ppb)</u>	<u>Ag(ppm)</u>	<u>Cu (ppm)</u>	<u>Zn (ppm)</u>
1.	17-27	13	(1.0	94.1	476.1
2.	27-37	15	1.2	95.0	908.5

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 88-01
Page No: 1 of 3

Job: Beardmore, N.T.S. Property: Miron (Kenty) Twp./Prov.: Rickaby		Drilled By: Motherlode Commenced: February 13, '88 Completed: February 15, '88 Length: 212.73m Logged By: S. M. Pudiffin Date: March 21, 1988		Core Location: Beardmore Core Size: BQ Remarks:		Tests: @ Collar: 200' 400' 700'		Dip Azimuth -60° 350° -60° -52° -46.5°		
Location: Latitude: 3+08 N Departure: 13+00 W Elevation:		Claim No.: 646762								
From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Cu ppm	Zn ppm	Sample Description
0	3.80	Casing	93939A	9.58	10.88	17	(1.0	113.8	540.0	-f. gr. disse. py up to 0.5%, tr sph?
3.80	12.70	Dacite - Med. gray; f. gr. to aphanitic; soft; almost is tuffaceous, stretched and f.gr. altered feldspar phenocrysts(.); occasional Qtz-calcite wisps; minor greenish sericite along fractures; 0.25% f. gr. disse. py; tr cp.	93940A 93941A 93942A 93943A	10.88 12.23 14.20 15.70 24.40	12.23 14.20 15.70 25.90	40 30 21 24	2.0 1.2 (1.0 1.6	264.6 15.8 13.8 148.4	480.0 80.0 46.0 860.0	-as above -0.5% disse. py -as above -0.5% f. gr. py, tr cp & tr. fgr. sph. in calcite veinlets
12.70	20.60	Feldspar Porphyry - Med. gray aphanitic-porphyrific; subrounded Qtz. and feldspar phenocrysts up to 1.5cm in diam., feldspar sometimes zoned and have pinkish tinge, carbonatized; white cloudy Qtz @ 14.18-14.48m (local brecciation of porphyry) from dilation of Qtz-calcite vein subparallel to c.a.; vuggy in places within the vein.	93444A 93945A 93946A 93847A 93948A 93949A 93950A 93951A 93637 93638 93639	25.90 26.90 28.80 30.30 31.80 33.30 34.80 36.20 37.70 45.15 46.45 47.71	26.90 28.80 30.30 31.80 33.30 34.80 36.20 37.70 46.45 47.71	19 18 26 48 45 70 58 31 30 18	6.8 4.7 9.8 15.8 15.9 32.2 18.8 9.6 5.8 4.6	988.0 690.2 1478.0 2400.0 2535.3 4328.0 2784.0 1304.0 281.0 153.6	210.0 209.8 400.0 840.0 1333.3 1760.0 1580.0 1620.0 2838.0 1815.8	-0.25% f. gr. disse. cluster of py -0.25% f. gr. py & cp, tr po -0.25% disse. py, 0.75-1% blebs cp -1% py, 1% cp -2% py, 1-2% cp; tr. disse. po -3-2% cp, 1% py, tr po -cp (up to 5% locally); 3% py -2% py, 0.5% cp -1% sph; 0.5-1% py, 0.25% cp tr po -similar to above 0.5% sph. -0.5% py, tr sph. -0.5% py, 0.25% po, 0.25% cp -0.5% py, tr cp -tr py & cp -0.25% py & cp -0.5% cp, 0.25% py -1% op tr py, tr sph. -1% f. gr. blebs cp, 0.25% py -0.5-0.25% py, 0.25% cp -Qtz-calcite lense; 3% f.gr.py, 1% sph, tr cp -0.5% cp, 0.25% py -similar to above
20.60	26.90	Dacite Similar to 3.80-12.70m; f. gr. disse. py especially along fractures; f. gr. light brown spherulite within calcite vein.	93640 93952A 93953A 93954A 93955A	49.04 50.16 50.92 52.22 53.70	50.16 50.92 52.22 53.70	13 18 28 28 54	3.7 3.7 3.7 3.7 4.9	539.3 732.8 76.6 192.0 866.0	1446.2 677.5 323.9 386.0 244.0	-tr py & cp -0.25% py & cp -0.5% cp, 0.25% py -1% op tr py, tr sph. -1% f. gr. blebs cp, 0.25% py -0.5-0.25% py, 0.25% cp -Qtz-calcite lense; 3% f.gr.py, 1% sph, tr cp -0.5% cp, 0.25% py -similar to above
26.90	28.80	Altered Tuff - Silicified dacite tuff; soft light gray	93956A 93957A 93958A	53.70 55.65 72.25 73.75 74.75 74.75	54.91 57.00 73.75 74.75 75.20	45 62 45 39 84	6.8 17.0 6.0 4.2 12.4	1798.0 391.4 306.6 634.0	560.0 368.0 1820.0 9400.0	-tr py & cp -0.25% py & cp -0.5% cp, 0.25% py -1% op tr py, tr sph. -1% f. gr. blebs cp, 0.25% py -0.5-0.25% py, 0.25% cp -Qtz-calcite lense; 3% f.gr.py, 1% sph, tr cp -0.5% cp, 0.25% py -similar to above
28.80	37.70	Mineralized Dacite to More felsic tuff Light to med. gray; f. gr.; sericite is common Mineralization consists of irregularly distributed py & cp blebs and also fracture coatings; tr po also associated with cp 36.20-36.70m; light grey aphanitic homogeneous massive ash tuff (structurless)	93959A 93960A	77.95 79.45	79.45 80.95	20 21	4.2 5.0	395.2 686.0	525.0 586.0	1% sph, tr cp -0.5% cp, 0.25% py -similar to above

88-06 Sludge Samples

<u>No.</u>	<u>Depth(ft.)</u>	<u>Au(ppb)</u>	<u>Ag(ppm)</u>	<u>Cu(ppm)</u>	<u>Zn(ppm)</u>
1.	7-17	ins. samp.	21.4	228.8	304.4
2.	27	8	9.2	255.7	446.1
3.	37	6	7.2	216.4	926.7
4.	47	8	13.0	203.0	470.0
5.	57	21	19.2	141.2	148.9
6.	67	(5	10.0	90.7	143.9
7.	77	6	9.6	109.2	274.3
8.	87	8	6.6	52.5	746.0
9.	97	13	37.8	291.1	382.1
10.	107	20	22.2	2051.0	921.7
11.	117	37	40.2	3988.8	2977.7
12.	127	21	24.8	1680.0	2877.4
13.	137	8	15.5	404.1	524.8
14.	147	(5	44.2	453.4	309.5
15.	157	91	44.4	3318.8	98.7
16.	167	49	40.0	1485.0	1049.9
17.	177	23	47.6	868.9	1935.4
18.	187	17	22.4	700.8	1673.0
19.	197	21	26.2	1144.0	1171.2
20.	207	43	33.7	3395.2	1345.0
21.	217	34	20.4	752.3	635.6
22.	227	28	6.8	301.0	535.3
23.	237	12	6.0	385.5	434.9
24.	247	19	7.2	535.8	575.4
25.	257	45	14.8	803.8	3379.2
26.	267	29	12.6	1669.6	2977.8
27.	277	64	12.4	2182.6	1443.4
28.	287	43	13.3	2344.3	1246.6
29.	297	53	17.3	3375.0	820.0
30.	307	49	13.0	1527.1	821.3
31.	317	66	17.2	1161.8	826.3
32.	317-327	48	12.0	756.0	600.5
33.	337	22	10.2	528.8	384.7
34.	347	60	22.2	796.9	662.5
35.	357	40	13.3	558.2	495.3
36.	367	15	9.0	410.8	570.4
37.	377	26	9.2	1523.0	857.3
38.	387	55	14.0	2947.4	806.3
39.	397	56	14.6	2882.5	801.2
40.	407	95	27.1	6138.9	754.7
41.	417	91	20.8	3421.0	791.2
42.	427	51	13.9	2160.3	549.4
43.	427-437	25	7.6	1310.7	264.3

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 88.
Page No: 1 of 7

Job: <u>Beardmore, N.T.S.</u> Property: <u>Miron (Kent)</u> Twp./Prov.: <u>Rickaby</u> Location: Latitude: <u>3+43 N</u> Departure: <u>16+00 W</u> Elevation: _____		Drilled By: <u>Motherlode</u> Commenced: <u>February 15, '88</u> Completed: <u>February 18, '88</u> Length: <u>211.28m (697.44)</u> Logged By: <u>S. M. Pudifin</u> Date: <u>Feb 20-27, '88</u>		Core Location: <u>Beardmore</u> Core Size: <u>BQ</u> Remarks: _____ Claim No: <u>TB 646762</u>		Tests @ Collar: _____ <u>200'</u> <u>400'</u> _____		Dip <u>-450</u> <u>-45.50</u> <u>-38.50</u> _____		Azimuth <u>1350</u> _____ _____	
From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Cu ppm	Zn ppm	Sample Description	
0	2.13	Casing -	973607A	27.45	27.65	43	9.2	897.9	806.2	-c. gr. lapilli tuff; qtz and/or feldspar crystals; approx. 1% disseem. cp blebs	
2.13	2.83	Rhyodacitic Tuff - Med. to light grey, aphanitic to f. gr.; qtz & black mafic blebs are aligned parallel to foliation; occasional f. gr. traces of py; thin veinlets of calcite generally at a high angle to c.a. moderately carbonated.	973608A	27.65	28.30	68	12.0	3086.5	397.4	-f. gr. tuff intercalated with v. narrow coarser zones, 0.5% diss. cp	
			93609A	28.30	28.55	187	38.4	5433.3	192.9	-c gr. similar to 93607A but with 4-5% cp	
			93610A	30.59	31.29	197	37.8	5609.3	196.7	-m. gr. lapilli interchanged with f. gr. tuff; approx. 0.5% cp 0.25% 0.5% py disseem.	
2.83	3.53	Rhyodacite to Dacite - Med. grey f. gr. to aphanitic; v. f. gr. ghost feldspar phenocrysts; massive; moderately carbonated	93611A	31.29	31.69	470	33.4	5081.3	192.9	-fractured tuff, carbonatized sericitic 0.25% cp, 0.25% py	
			93612A	32.00	32.62	47	10.2	1795.7	2156.5	-similar to above, but no fract.; coarser frag. approx. 0.5% py	
3.53	5.18	Rhyodacitic Tuff - Similar to 2.13-2.83m; well defined foliation from alignment of minerals. At 3.55m; 350 to c.a.; 4.80-5.07m @ 250 to c.a.	93613A	38.58	39.88	39	8.8	1033.0	476.9	-0.25% f. gr. blebs of cp; tr diss py cubes	
			93614A	42.30	42.75	100	30.8	5022.6	692.7	-massive lens (blebs) of cp replacing calcite-filled fract. & disseem cp blebs	
5.18	5.25	Rhyodacite - Similar to 2.83-3.53m; lower contact @ 200 to c.a.	93615A	45.05	45.25	18	3.6	149.7	249.7	-lapilli tuff; with diss. f. gr. cp up to 0.75%.	
			93616A	46.51	47.72	144	25.9	5211.7	790.4	-1-2% f. g.r diss. cp and f. gr. blebs of cp parallel foliation; sheared @ 450 to c.a.	
5.25	14.45	Rhyodacite Tuff to Lapilli Tuff - Similar to 2.13-2.83m; tuff fragments are darker than groundmass and up to 0.5cm diam. Foliation is poorly defined from alignment of fragments; 5.30-5.60 @ 420 to c.a.; 13.55-14.00m @ 300 to c.a.	93617A	47.72	48.17	148	15.8	2382.4	393.6	-approx. 1% py, approx. 0.25% f. cp along fractures @ 120 to c.a.	

GREATER TENAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 86.
Page No: 2 of 7

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Cu ppm	Zn ppm	Sample Description
14.45	15.30	Calcite veinlets crosscut foliation Carbonatized	93618A	48.17	48.32	968	643.1	78114.3	6048.5	-interconnected massive blab of cp & po in equal proportion approx. 50% of interval
15.30	18.43	Rhyodacite - (Tuff) - Darker grey with more felsic subrounded fragments towards base of interval up to 1.0cm diam; moderately carbonatized	93619A	48.32	49.70	67	15.2	2558.4	446.6	-tr py, approx. 0.25% v. f. gr. diss. cp in upper half; 0.25% po & more cp in lower 1/2
15.30	18.43	Rhyodacitic (Tuff?) to Lepilli Stone - f. gr. grading into c. gr. fragmental. From 18.36-18.43m; Interval hosts elongated sub-rounded rhyolitic tuff fragments up to 3cm x 1.0cm in size; @ 50-55 to c.a.	93620A 93621A 93622A	49.70 49.90 50.30	49.90 50.30 50.36	676 70 221	181.2 12.4 102.3	30,579.9 2300.7 21,054.5	3178.7 386.0 2073.6	massive cp & po bleb cp replacing po? f. gr. diss. py & cp gan. along fract. massive band of po and cp approx. 1cm wide @ approx. 600 to c.a.
18.43	26.35	Rhyodacite to Dacite (Tuff) - f. gr.; moderately chloritic especially along fractures; occasional calcite wisps and veinlets common; generally massive -can easily be scratched -tr f. gr. diss. py, cp, galena?	93623A 93624A	50.36 52.01	52.01 52.26	37 24	7.0 6.0	1150.3 739.6	355.7 2535.1	-tr f. gr. py, cp diss. reddishbrown sph. and 0.5% py
26.35	32.62	Lepilli Tuff - Rhyodacitic Tuff - 26.35-26.69m; fragmental; agglomerate of lighter grey rhyodacitic tuff fragments up to 5cm x 2cm; elongated @ approx. 400 to c.a.; coarse fragmental grades into finer grained tuff; more abundant dissem. blebs of cp & py are assoc. with coarser lepilli tuff (see sample description)	93625A 93626A 93627A	52.26 64.78 65.50	53.30 65.50 66.00	15 37 233	3.7 11.0 32.2	320.5 1091.7 2680.8	419.3 982.9 3747.4	f. gr. diss. traces of py & cp? minor thin irregular fractures (carbonatized) with approx. 0.5% f. gr. py tr cp
26.35	32.62	Angle to core axis: 26.69m @ 400 to 27.65m @ 450; 29.50m @ approx. 400; 30.65m @ approx. 350 -carbonatized.	93628A	66.00	67.35	46	14.4	2374.3	3103.0	approx. 4% f. gr. py, tr cp, in core of calcite & sericite
26.35	32.62		93629A	67.92	69.33	42	7.5	882.8	2728.8	-silicified with wisps of qtz-carbonate & chl. sericite; approx. 1% f. gr. py, tr cp tr galena
26.35	32.62		93630A	69.33	70.81	22	4.4	402.3	677.5	f. gr. diss. py throughout: interval (up to 0.5%)
26.35	32.62		93631A 93633A	72.26 74.50	73.71 76.46	8 19	(1.0 9.0	76.8 796.8	140.9 2497.3	-similar to above "spotted"; tr diss. po; diss. oxidized cubes py; tr speck silvery mineral arsenopyrite(f)
32.62	38.28	Dacitic to Rhyodacitic Tuff - med. grey; generally fine grained massive with thin coarser grained intervals (usually with a more gradational lower contact) carbonatize.	93632A	73.71	74.50	12	3.4	351.4	389.8	

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 88
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From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Cu ppm	Zn ppm	Sample Description.
38.28	38.43	Rhyolitic Tuff - Light grey, aphanitic, with dark grey spheri- cal fragment (could be stretched out amygdul- les); foliation @ 500 to c.a.	93634A 93635A 93636A 93676A	78.30 79.30 85.20 89.38	79.30 80.77 86.25 90.55	10 11 13 10	5.0 3.8 4.1 5.9	613.6 290.7 458.8 880.7	582.9 102.4 222.5 2231.2	-0.25% blebs py, tr cp. -approx. 0.25% diss.f. gr. py, tr cp. -0.5% diss. f. gr. clusters py -intensely sericitized; approx. 1% py dias. clusters and blebs -up to 25% f. gr. py, dias. blebs & assoc. with calcite stringers -similar to above -massive bond of py, cp. -blebs & fracture coatings of cp, py ± po ± tr sphalerite
38.43	43.00	Dacitic to Rhyodacitic Tuff - Similar to 32.63-38.28m with narrow intervals (such as 40.70-40.85m) of lighter grey felsic tuff; lower contact is generally gradational. -qtz calcite vein (3cm wide) @ 700 to c.a. @ 41.76m	63677A 63678 63679 63680	93.25 93.60 94.85 94.95	93.60 94.85 94.95 96.55	84 112 102 27	18.8 43.0 121.6 16.5	3848.9 3610.0 50390.2 3304.2	2419.4 1107.4 3532.5 545.4	-blebs of cp with po, masses of f.gr.py -Lapilli tuff - lenses of cp, po tr sphalerite? -f. gr. dias. po, py + cp -mainly c. gr. py cubes with minor po surrounding cp blebs. -approx. 3% f. gr. - m. gr. py along chl. & calcite fractures. -dacite with pyritic fracture @ 100 to c.a. -dias. bleb po; cubes py, tr cp tr clusters sphalerite -approx. 1% diss. po blebs, tr py cubes; po in qtz vein -approx. 2-3% diss. blebs po; approx. 0.25% py; tr cp; tr sphalerite -fracture filled with py and f. gr. sphalerite up to 2% -webs of cp, surrounded by py up to 5%
43.00	46.95	Rhyodacitic Tuff to Lapilli Tuff - Slightly lighter grey coloured than 38.43- 43.00m; more abundant sericite and calcite; soft; foliation is well defined in coarser Lapilli intervals; 44.80 @ 400 to c.a.; minor blebs of diss. cp along chlorite-carbonate wisps or fractures.	63681 93682A 93683A 93684A 93685A	96.55 106.90 107.95 110.20 113.00	97.75 107.95 110.70 113.70	27 11 5 8 5	22.2 11.3 4.9 7.6 (1.0	4894.1 1347.5 369.1 919.5 54.4	1403.8 295.8 219.5 201.9 108.1	-blebs of cp with po, masses of f.gr.py -Lapilli tuff - lenses of cp, po tr sphalerite? -f. gr. dias. po, py + cp -mainly c. gr. py cubes with minor po surrounding cp blebs. -approx. 3% f. gr. - m. gr. py along chl. & calcite fractures. -dacite with pyritic fracture @ 100 to c.a. -dias. bleb po; cubes py, tr cp tr clusters sphalerite -approx. 1% diss. po blebs, tr py cubes; po in qtz vein -approx. 2-3% diss. blebs po; approx. 0.25% py; tr cp; tr sphalerite -fracture filled with py and f. gr. sphalerite up to 2% -webs of cp, surrounded by py up to 5%
46.95	53.30	Rhyodacitic Lapilli Tuff - Mineralized, med. grey; f. gr. -c. gr.; more felsic frag. from 1mm to 4mm in diameter; Zone is mineralized with f. gr. and massive blebs of po, cp with irregular dissemination of py and minor f. gr. dias. of reddish brown sphalerite associated with f. gr. py in qtz- calcite wisps (see sample description). Angle to core axis: 50.90m: 380 to c.a. Lower contact is @ 600 to c.a.	93686A 93687A 93688A 93689A 93690A	116.65 118.00 120.55 121.92 122.53	117.35 119.45 121.30 122.53 123.23	19 5 27 21 5	9.3 3.2 5.8 7.6 7.9	430.3 483.3 821.5 1155.9 471.1	700.1 1257.2 973.8 4189.2 4306.4	-blebs of cp with po, masses of f.gr.py -Lapilli tuff - lenses of cp, po tr sphalerite? -f. gr. dias. po, py + cp -mainly c. gr. py cubes with minor po surrounding cp blebs. -approx. 3% f. gr. - m. gr. py along chl. & calcite fractures. -dacite with pyritic fracture @ 100 to c.a. -dias. bleb po; cubes py, tr cp tr clusters sphalerite -approx. 1% diss. po blebs, tr py cubes; po in qtz vein -approx. 2-3% diss. blebs po; approx. 0.25% py; tr cp; tr sphalerite -fracture filled with py and f. gr. sphalerite up to 2% -webs of cp, surrounded by py up to 5%
53.30	58.16	Tuff & Lapilli Tuff: Rhyodacite to Dacite - Upper 10cm consist of c. Lapilli fragments 54.35-54.65m; amygdaloidal, light grey rhyo- lite; gradational upper & lower contacts; amygdules elongated @ approx. 350 to c.a.	93691A 93692A	123.23 126.68	123.63 127.83	70 10	19.2 5.2	3143.2 550.5	4804.9 2693.8	-blebs of cp with po, masses of f.gr.py -Lapilli tuff - lenses of cp, po tr sphalerite? -f. gr. dias. po, py + cp -mainly c. gr. py cubes with minor po surrounding cp blebs. -approx. 3% f. gr. - m. gr. py along chl. & calcite fractures. -dacite with pyritic fracture @ 100 to c.a. -dias. bleb po; cubes py, tr cp tr clusters sphalerite -approx. 1% diss. po blebs, tr py cubes; po in qtz vein -approx. 2-3% diss. blebs po; approx. 0.25% py; tr cp; tr sphalerite -fracture filled with py and f. gr. sphalerite up to 2% -webs of cp, surrounded by py up to 5%

88-07 Sludge Samples

<u>No.</u>	<u>Depth (ft)</u>	<u>Au(ppb)</u>	<u>Ag(ppm)</u>	<u>Cu(ppm)</u>	<u>Zu(ppm)</u>
1.	7-17	89(au)	88.6	1083.4	765.9
2.		28	35.0	328.8	374.7
3.		41	10.6	117.0	143.9
4.		132	11.4	125.0	146.0
5.		12	45.6	268.8	174.0
6.		18	20.2	241.2	269.0
7.		26	9.6	137.8	323.1
8.		35	12.7	199.1	273.4
9.		126	24.8	2363.0	525.2
10.		234	55.6	2452.3	249.3
11.		150	8.4	661.6	820.0
12.		21	5.0	1153.7	339.6
13.		24	8.8	383.6	711.7
14.		31	13.5	937.7	553.3
15.		50	13.5	1839.3	554.3
16.		364	89.6	9102.4	836.5
17.		199	28.4	2447.0	766.1
18.		218	12.4	823.8	871.5
19.		245(au)	10.6	601.8	766.1
20.		82	24.8	715.4	590.5
21.		85	27.6	2095.2	1037.2
22.		204	82.8	3109.7	4148.5
23.		250	30.8	1478.4	3144.9
24.		33	53.5	2324.7	1312.1
25.	247-257	115(au)	74.8	2354.9	3445.9
26.	267-277	20	32.6	857.2	420.8
27.		29	12.0	508.8	321.6
28.		53	15.4	2066.4	370.6
29.	297-307	24	9.0	2168.9	414.8

No sludges after 307'

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 88
Page No: 1 of 5

Job: Beardmore N.T.S.		Drilled By: Motherlode		Core Location: Beardmore		Tests:				
Property: <u>Miron (Kenty)</u>		Commenced: <u>February 19, '88</u>		Core Size: <u>BQ</u>		@ Collar: <u>570</u>				
Twp./Prov.: <u>Rickaby</u>		Completed: <u>February 22, '88</u>		Remarks: _____		250' <u>broken tube</u>				
Location: Latitude: <u>3+43.N</u>		Length: <u>261.3m</u>		Claim No: <u>64676Z</u>		500' <u>570</u>				
Departure: <u>16+00 W</u>		Logged By: <u>S. M. Pudifin</u>				857' <u>570</u>				
Elevation: _____		Date: _____								
From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Cu ppm	Zn ppm	Sample Description
0	1.83	Casing	93981A	37.60	38.05	71	5.6	1472.0	378.0	-0.5% f. gr. cp & py within calcite vein subparallel to c.a.
1.83	5.20	Dacitic Tuff - med. grey; f. gr; foliation @40° to c.a.	93982A	38.05	39.05	40	6.6	758.0	328.0	-0.5% cp; 0.25% py
5.20	38.05	Dacite - med. grey; amygdaloidal (vesicles filled with qtz and/or calcite); weak foliation developed from elongation of amygdules @ 40° to c.a.; calcite veinlets porphyritic from 21.90 - 28.75m tr. f. g. py & cp	93983A	40.96	42.46	33	6.0	862.0	324.0	-0.5% cp; 0.5% py tr. & po
			93984A	42.46	43.96	45	4.8	976.0	398.0	-0.5% py; 0.5% cp tr. po
			93985A	48.20	49.00	302	8.0	6364.0	760.0	-2-3% cp; 1.2% po; 1% py
			93986A	49.00	49.80	419	75.6	24990.0	3020.0	-4-5% cp; 2-3% po; 2% py
			93987A	49.80	51.30	143	197.6	3038.0	346.0	-1% finely dissem. cp tr. py
			93988A	51.30	52.80	9	21.2	184.2	1580	-0.25% py; porphyritic tr. cp
			93989A	52.80	53.96	13	1.8	202.0	290.0	-as above
38.05	44.82	Amygdaloidal Felsic Volcanic (?) c. gr.; "blebby" shaped amygdules filled with calcite; approaching granodiorite; irregularly distributed blebs of cp & py; tr. po associated with cp	93990A	53.96	54.16	1078	207.6	67320.0	4000.0	-50% cp & py
			93991A	54.16	55.66	58	18.7	715.4	207.6	-0.05% cp; 0.25% po (vein) tr. py
			93992A	55.66	56.66	31	5.6	1070.0	260.0	-0.2%-0.5% cp tr. py
			93993A	76.42	76.75	18	2.6	307.6	2020.0	-f. gr. dissem. cp, py, sph. 0.25% each within calcaceous zone
44.82	79.50	Dacite intercalated with Dacitic tuff - light to med. grey; m. c. gr.; porphyritic sections are common with stretched out feldspar phenocrysts to 5mm to 3mm; tr. purplish f. gr. qtz (eyes ?)	93994A	79.20	79.90	11	2.2	109.2	160.8	-chlorite; 0.2% py in banded unit
			93995A	88.45	90.95	65	12.2	1638.0	2960.0	-3% py; 2% cp tr. po
			93996A	94.20	95.30	50	14.2	1894.0	1406.0	-2% py (blebs & clusters) 1% cp (blebs)
			93997A	95.30	96.40	78	25.2	2942.0	1760.0	-2% cp, 2% py, tr. sph.
			93998A	96.40	97.00	17	8.8	262.6	310.0	-1% sph. (in calcite veinlets) 0.5% cp
			93999A	102.25	103.25	31	10.2	1848.0	244.0	-0.5% co; 0.5% po; 0.25% py
			94000A	103.25	104.50	31	11.6	1984.0	228.0	-1% cp; 1% py
			117501A	105.15	107.10	18	6.1	931.4	176.5	-0.25% cp; 0.25% py
			117502A	110.00	110.50	35	13.2	2076.0	284.0	-1% f. gr. cp; 0.25% py
			117503A	114.45	115.95	75	17.0	4870.6	823.5	-2% cp; 1% py; 0.25% sph.
			117504A	116.20	117.70	353	7.1	1407.8	568.6	0.5% cp; 0.50% py tr. sph. in calcite
			117505A	119.50	121.25	274	42.1	16192.3	1630.5	-5% cp; 2% po; tr. py (massive sulphide in calcite)

88-08 Sludge Samples

<u>No.</u>	<u>Depth (ft.)</u>	<u>Au(ppb)</u>	<u>Ag(ppm)</u>	<u>Cu (ppm)</u>	<u>Zn(ppm)</u>
1.	127-137	12	6.7	118.8	262.7
2.	147	26	10.6	900.0	390.0
3.	157	24	7.6	678.0	570.0
4.	167	162	63.0	9600.0	1456.0
5.	177	87	28.4	4140.0	500.0
6.	187	71	30.0	6580.0	644.0
7.	197	23	9.8	806.0	584.0
8.	207	20	5.1	303.9	268.6
9.	217	17	5.0	258.8	134.0
10.	227	22(au)	7.8	396.5	209.8
11.	237	22	7.8	396.5	209.8
12.	247	15	5.0	258.0	142.0
13.	257	26	8.0	364.8	480.0
14.	267	16	14.0	248.2	212.0
15.	277	10	4.8	191.2	210.0
16.	287	10	10.0	315.2	420.0
17.	297	11	10.4	631.4	405.9
18.	307	23	13.4	854.0	904.0
19.	317	65(au)	13.8	1310.0	922.0
20.	327	36	11.8	960.0	982.0
21.	337	15	6.6	578.0	608.0
22.	347	19	9.6	1218.0	380.0
23.	367-377	137	7.4	762.0	460.0
24.	387	45	13.6	2914.0	1540.0
25.	537-547	82	10.8	1428.0	1024.0
26.	557-567	11	4.7	279.2	329.4
27.	577	11	10.4	400.0	547.0
28.	587	8	11.0	242.8	644.0
29.	597	13	8.4	236.2	328.0
30.	607	(5	8.8	674.0	340.0
31.	617	12	10.8	217.8	230.0
32.	627	11	33.8	220.0	142.0
33.	637	196	13.5	240.4	146.2
34.	647	6	20.2	343.6	390.0
35.	657	27	15.8	171.2	126.0
36.	667	13	18.8	269.6	223.5
37.	677	12(au)	11.0	208.2	203.9
38.	687	37	14.2	186.7	211.5
39.	697	17	13.1	605.9	396.1
40.	707	19	17.0	654.0	964.0
41.	717	11	18.8	307.0	266.0
42.	727	16	19.6	554.0	440.0
43.	737	36	27.8	1082.0	610.0
44.	747	15	9.6	257.8	264.0
45.	757	9	10.6	267.2	294.0

...../2

88-08 Sludge Samples contr'd.

<u>No.</u>	<u>Depth (ft.)</u>	<u>Au(ppb)</u>	<u>Ag(ppm)</u>	<u>Cu(ppm)</u>	<u>Zn (ppm)</u>
46.	767	10(au)	9.8	237.8	254.9
47.	777	21	11.9	342.2	290.0
48.	787	23	9.6	916.0	1130.0
49.	797	20	7.0	243.4	280.0
50.	807	26	8.8	634.0	738.0
51.	817	24	8.2	502.0	534.0
52.	827	22	17.2	630.0	690.0
53.	837	22	5.2	297.8	458.0
54.	847	18	6.4	386.2	492.0
55.	847-857	40(au)	10.2	390.8	484.0

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 88
Page No: 1 3

Job: Beardmore N.T.S.		Drilled By: Motherlode		Core Location: Beardmore		Tests:		Dip		
Property: Miron (Kent)		Commenced: February 22, '88		Core Size: BQ		@ Collar:		Asimuth		
Twp./Prov.: Rickaby		Completed: February 23, '88		Remarks:		200'		-500		
Location: Latitude: 3+00 N		Length: 185.06'				400'		510		
Departure: 13+71 W		Logged By: S. M. Piddifin				607'		500		
Elevation:		Date: March 26, 1988						470		
Claim No: 646755										
From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Cu ppm	Zn ppm	Sample Description
0	6.25	Casing	117527	14.60	14.92	21	7.1	735.3	1306.3	-1% py within calcite vein, 50 to c.a.
6.25	8.42	Intermediate to mafic Lapilli Tuff Med. green, f. gr. more felsic lapilli up to 0.5cm, strongly chloritic, minor calcite, angle to c. a. 42°; negligible mineralization	117528	25.40	26.00	20	18.0	945.1	1313.7	-dissem. f. g. py within 3cm wide calcite seam
8.42	14.60	Quartz-Feldspar Porphyry - Med. grey; c. gr. subrounded and square phenocrysts of feldspar and Qtz up to 1cm in diam. generally massive; tr f. gr. py; Qtz-filled fracture @ 10.43 @ 150 to c.a.	117529	28.80	29.50	6	6.8	904.0	142.8	-0.25% dissem f. gr. cp tr py
			117530	30.35	31.85	5	2.5	315.7	115.3	-0.25% py, 0.25% cp (irreg. distrib.)
			117531	37.32	38.82	5	2.4	171.0	444.0	-0.25% py, tr cp, often within calcite fractures
			117532	42.20	43.20	5	1.6	55.1	173.7	-f. gr. dissem. py, 1% within calcite rich fracture
			117533	50.30	51.55	5	1.8	160.6	99.6	-0.5% py, 0.25% cp, tr po
			117534	51.55	52.15	6	2.0	254.8	1028.0	-3% po, 0.5% cp (assoc.) tr; py
			117535	52.15	53.45	5	1.4	109.0	105.1	-tr py
			117536	53.45	54.95	8	3.8	640.4	92.5	-1% py, 0.25% sph; tr cp tr po
			117537	54.95	56.45	18	1.0	166.2	84.0	-tr py, tr cp.
			117538	56.45	57.95	46	2.0	912.0	122.0	-2% cp, 0.25% py
			117539	57.95	58.95	22	12.8	9088.0	294.0	-5% cp, 1% po, tr py (stringer)
			117540	58.95	60.45	29	5.8	3512.0	206.0	-2% cp, 1% po, tr py
			117541	60.45	61.95	75	6.0	3936.0	182.0	-3% cp, 3% po
			117542	61.95	63.45	73	9.0	4700.0	254.0	-as above
			117543	63.45	64.95	21	3.4	1372.0	142.0	-2-3% cp, 2% po
			117544	64.95	66.45	20	5.0	1340.0	88.0	-1% cp, 1% po, 0.5% dark blackish grey mineral (agf)
			117545	66.45	67.45	94	6.8	3348.0	168.0	-2% cp, 1% po, tr silvery black mineral
			117546	67.45	69.00	57	8.8	3820.0	172.0	-as above
			117547	69.00	70.30	9	2.0	382.8	94.0	-0.5% cp, tr py
			117548	73.50	75.12	33	4.4	1024.0	780.0	-0.25% cp; 0.25% py, tr po

GREATER TEMAGAMI MINES LIMITED
DIAMOND DRILL LOG AND SAMPLING RECORD

Hole #: 88-()
Page No: 2 of 3

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Au ppb	Ag ppm	Cu ppm	Zn ppm	Sample Description
48.66	50.26	Andesite - Similar to 14.60-23.68	117549	75.12	76.92	16	4.2	856.0	2220.0	-1% cp, tr py
			117550	80.65	81.90	25	6.0	1460.0	308.0	-1% cp, 0.5% py
50.26	69.00	Felsic Tuff (Mineralized) - Light grey, f. gr. soft; up to 5mm in diam. angular more mafic lapilli fragments; well developed angle to c.a. at 50-60; upper contact @ 90 to c.a.; irregularly dissem. py & blebs of cp and associated po; occasional more mafic amygdaloidal fragments; some cp occurs in fractures, dark blackish silvery grey mineral, possibly native silver occurs in certain siliceous section associated with cp	117551	81.90	83.40	9	3.2	544.0	298.0	-0.5%/cp, 0.5% py
			117552	83.40	84.10	209	23.0	374.0	5220.0	-5% py, 1% cp (esp. within calc. vein)
			117553	84.10	85.35	136	16.6	3876.0	136.0	-3% py, 0.25% cp
			117554	85.35	86.60	71	18.8	3768.0	554.0	-3% py; 0.5% cp
			117555	113.30	114.80	36	8.6	1696.0	860.0	-2% cp, 1% py, tr po in calc. veinlet
			117556	114.80	116.30	12	4.0	780.0	1632.0	-1% py, 1% cp, tr py, tr po, tr sph, in calcite vein
69.00	75.12	Dacite - Med. grey aphanitic; massive with qtz calcite vein @ 200 to c.a.; tr py, 0.5% cp	117557	116.30	117.80	11	3.2	401.2	846.0	-0.25% cp, 0.25% py, tr po
			117558	117.80	119.30	20	6.0	1340.0	472.0	-1% cp, 0.5% po, tr py
			117559	119.30	120.80	36	6.4	2076.0	1092.0	-1-2% py, 1% cp, tr sph, tr po
			117560	120.80	122.30	19	3.4	788.0	388.0	-0.5% cp, 0.5% po, tr sph, tr po
			117561	122.30	123.80	9	5.0	944.0	720.0	-as above
			117562	129.00	130.50	8	3.0	282.8	332.0	-1% py; 0.5% cp (qtz. veinlets)
			117563	130.50	132.00	77	21.2	4364.0	2032.0	-2% cp, 1-2% py, 0.5% po, tr. soft silvery grey mineral, tr sph.
75.12	76.90	Dacitic Lapilli Tuff - Similar to 6.25-8.42m; fine dissem. py & po	117564	132.00	133.50	46	4.4	748.0	1532.0	-1% cp, 1-2% py, tr f. gr. sph. py sometime looks coppery) tr. silvery more silvery colour)
76.90	86.67	Fragmental Agglomerate - Intercalated with Lapilli Tuff Dacitic; similar to 23.68-48.66m	117565	133.50	135.00	<5	2.0	204.8	2880.0	-1% py, 0.5% po, 0.25% sph
			117566	135.00	136.50	14	2.6	252.4	2800.0	-1% py, 0.5% cp, 0.5% po, 0.25% sph
			117567	136.50	138.00	11	5.8	1216.0	3068.0	-1% py, 0.5% cp, 0.5% po, 0.25% sph
			117568	138.00	139.50	16	4.6	764.0	2936.0	-1% py, 0.5% cp
86.67	103.65	Mafic Unit - Amphibolite? Dark grey, black; m. gr; chloritized amphiboles; calcareous; qtz lenses 2mm in diam; occasional qtz calcite veinlets & wisps especially abundant above and below qtz vein; 97.50-97.95m; chloritized rubble; 97.85-98.20m; white bull qtz 98.20-98.38m; chloritized rubble, tr. dissem py	117569	139.50	140.08	31	7.2	1328.0	660.0	-0.5% cp, 0.5% py, tr sph, qtz ?
			117570	141.63	141.95	187	34.4	7500.0	2844.0	-calcite seam with 3% cp, 3% po, 1% py tr. sph.
			117571	143.75	145.25	75	34.6	6062.0	2072.0	-3-2% cp, 1-2% py, 0.25% po
			117572	145.25	146.75	19	8.4	1324.0	2868.0	-88blom: 2% py, 1% cp, tr sph.
			117573	147.95	148.30	13	1.4	109.8	556.0	-0.5% py, 0.25% sph, tr cp
			117574	156.05	156.60	17	15.2	2072.0	11000.0	-calcite seam; 2% po, 2% py
			117575	162.48	163.98	34	9.6	2268.0	704.0	-2% cp, 1% py, 0.5% po
103.65	143.00	Dacite - Chloritic upper contact; similar to 69.00-75.12m	117576	165.30	165.50	34	11.0	2912.0	572.0	-calcite seam with cp & po

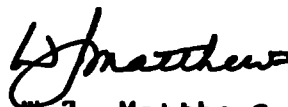
CONCLUSIONS AND RECOMMENDATIONS
PER MIRON RICKABY PROPERTY

From the drilling results on the Miron Rickaby Property there appears to be three parallel east-west trending mineralized zones which have been projected to surface on the drill hole location map for the Rickaby Property.

The zones vary in width from more than 120 feet to approximately 50 feet. The best values were intersected in holes 88-7 and 88-8 where values were gold up to 1078 ppb (1.1g), silver up to 214 ppm (>6 ounces), copper up to 6.73% and zinc up to 0.4%.

It is recommended that overburden stripping be done immediately south of holes 88-7 and 88-8 and immediately south of the road. It is estimated that approximately only ten feet of overburden exists here. It is also recommended that a bulk sample of a few hundred tons be shipped from the stripped area and sent to the Beardmore mill for gold, silver, copper and zinc assaying. The assay results from this stripped mineralization zone would dictate whether more stripping was required.

All of which is respectfully submitted.

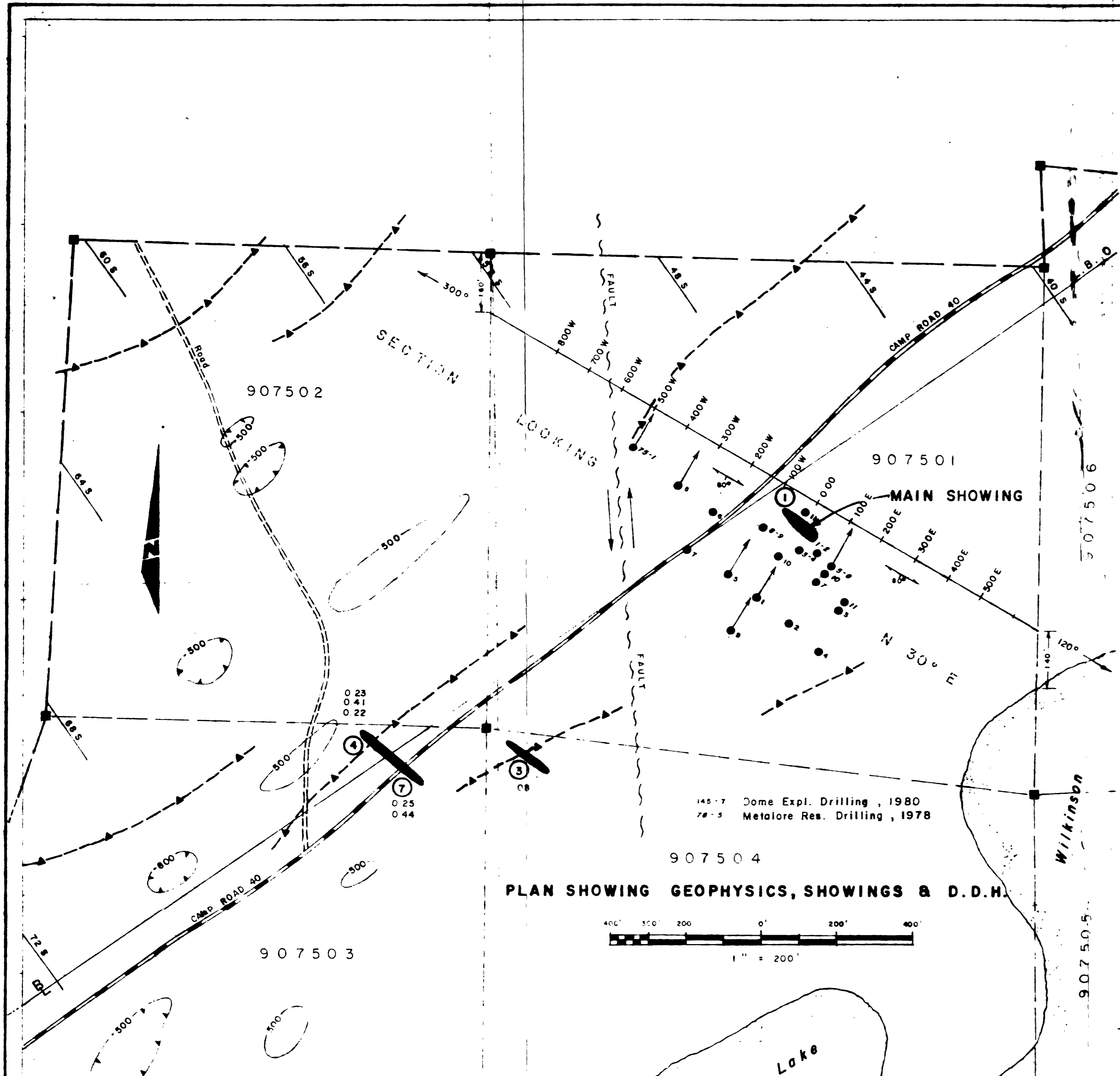


W.J. Matthews, P.Eng.

Toronto, May 1988

ERRINGTON INDUSTRIAL ENTERPRISES LTD
ELMHIRST TOWNSHIP PROPERTY
LITTLE LONG LAC AREA, ONTARIO

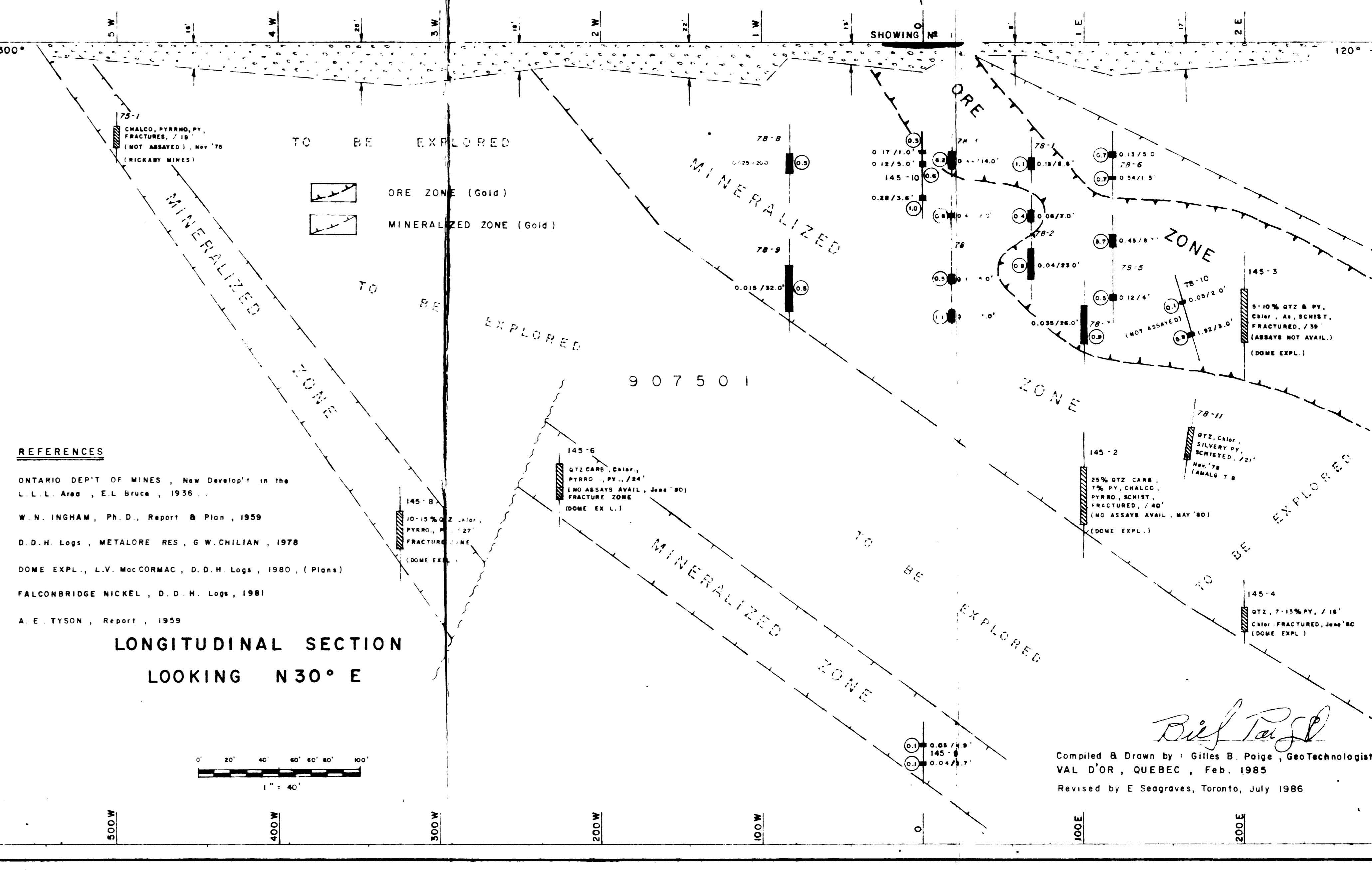
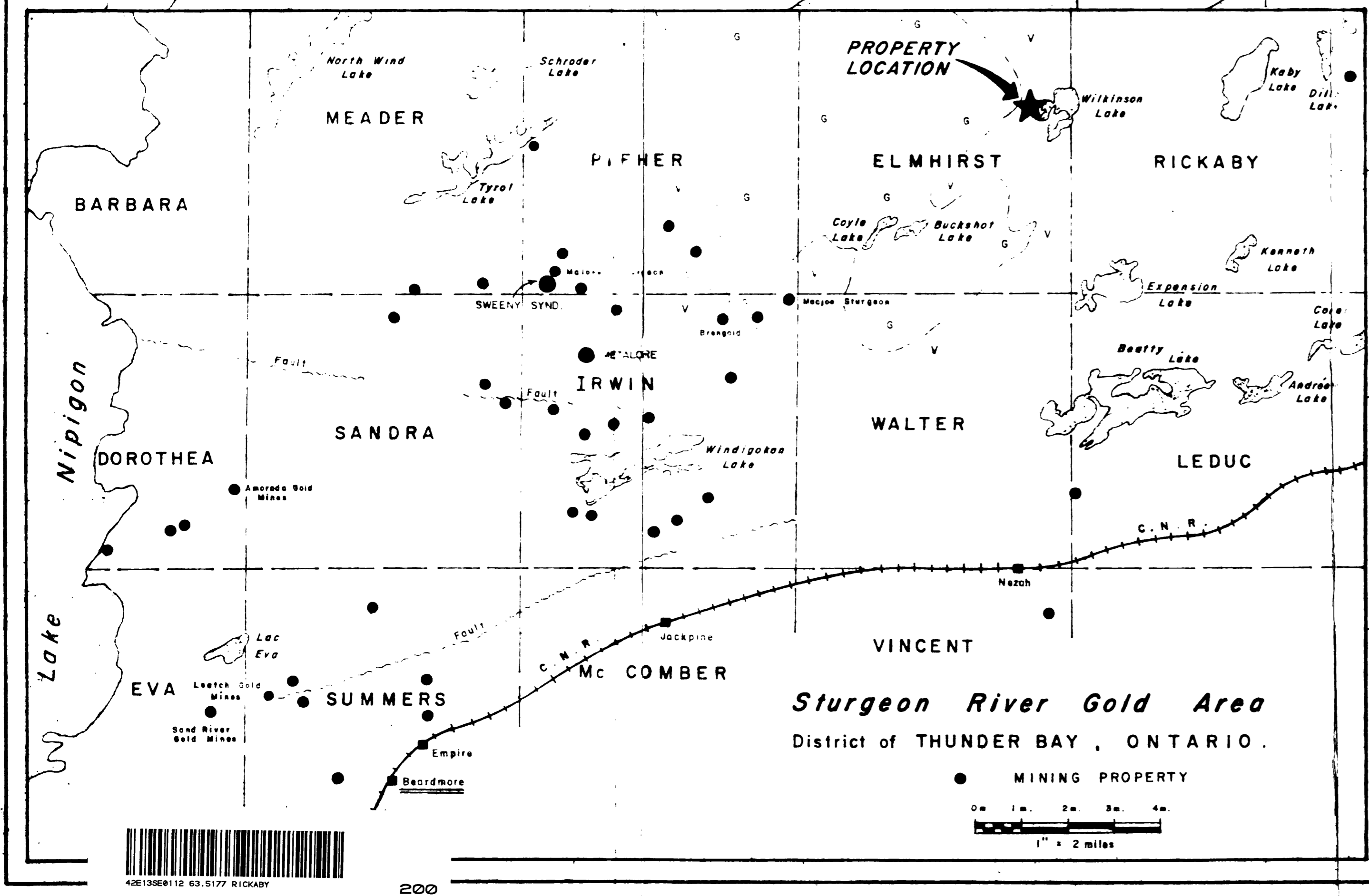
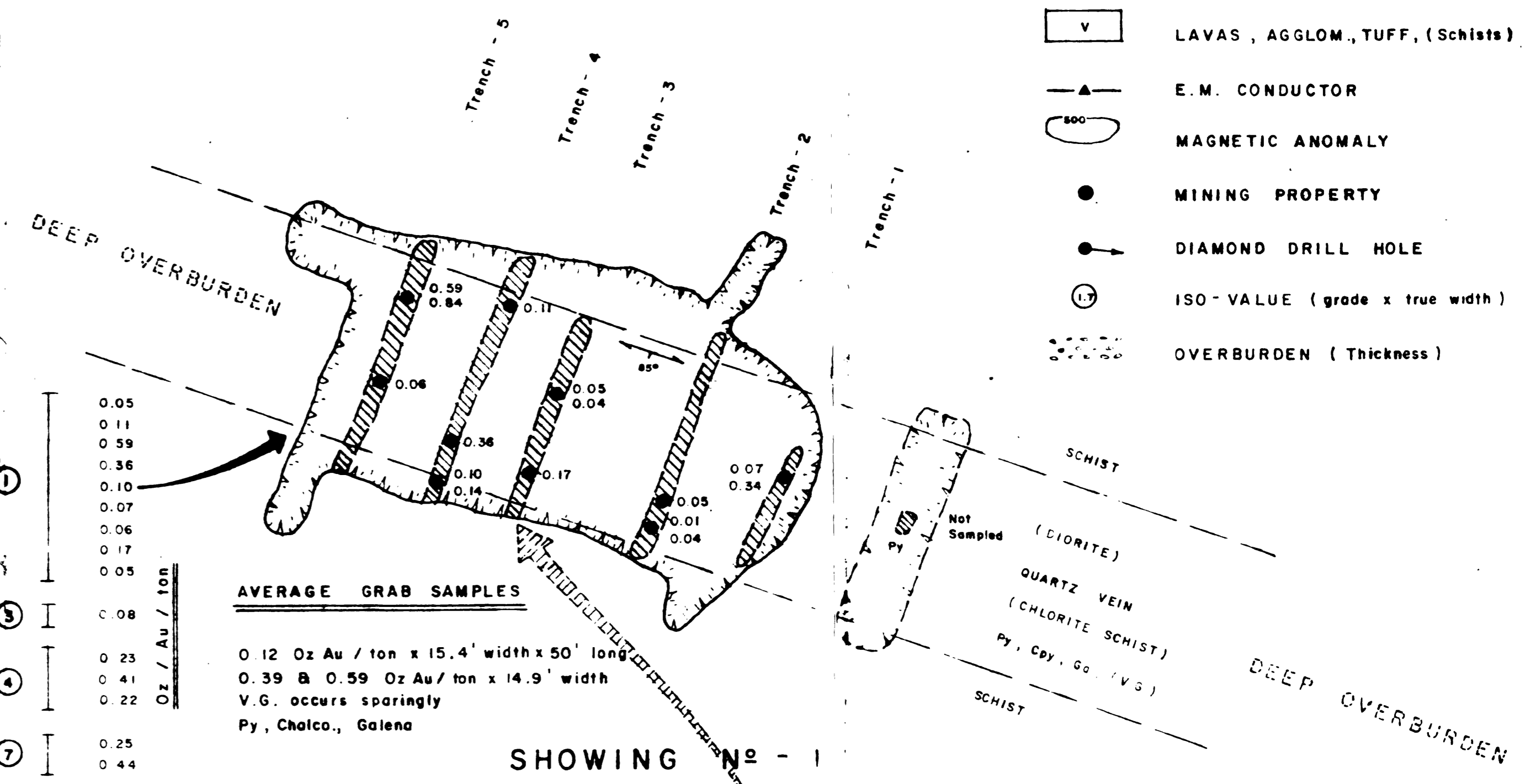
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907502	907501	907508
907503	907504	907505

LEGEND

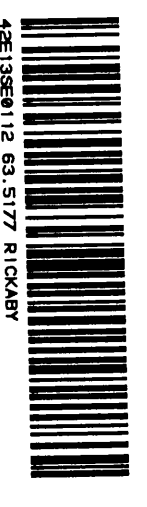
- GOLD SHOWING
- GRANITE, DIORITE, FELDSPAR
- LAVAS, AGGLOM., TUFF, (Schists)
- E.M. CONDUCTOR
- MAGNETIC ANOMALY
- MINING PROPERTY
- DIAMOND DRILL HOLE
- ISO-VALUE (grade x true width)
- OVERBURDEN (Thickness)



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- W.N. INGHAM, Ph.D., Report & Plan, 1959
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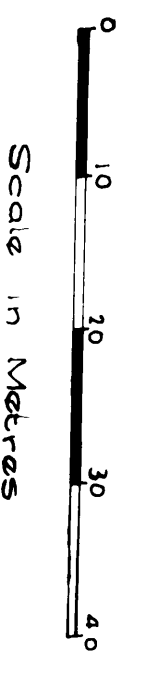
Brief Taylor
 Compiled & Drawn by: Gilles B. Paige, GeoTechnologist
 VAL D'OR, QUEBEC, Feb. 1985
 Revised by E. Seagraves, Toronto, July 1986



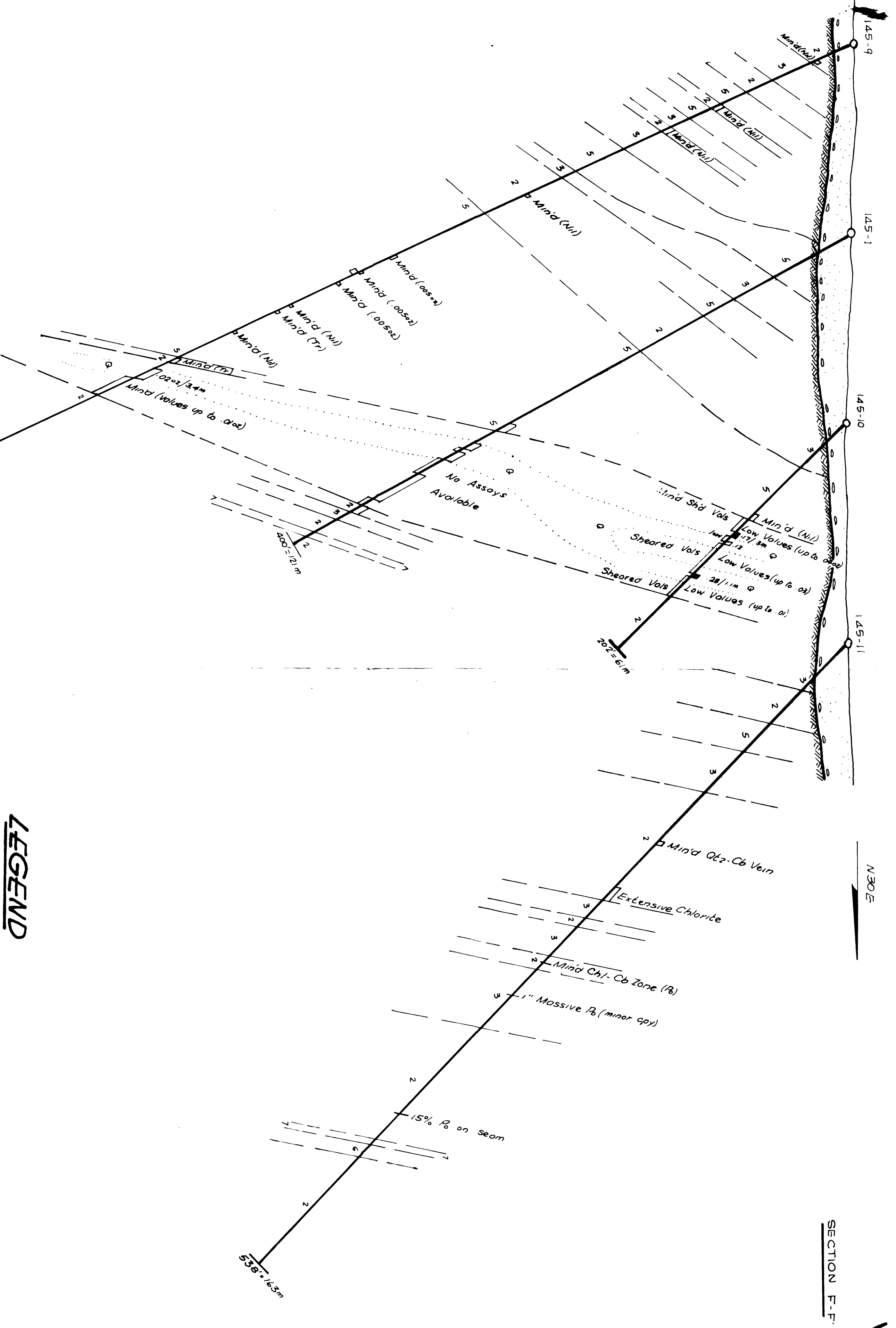
210

- LEGEND**
- 7 DIABASE
 - 6 FELDSPAR PORPHYRY
 - 5 TUFF
 - 4 DACITE: Agglomerate
 - 3 DACITE: Porphyritic
 - 2 DACITE: Massive
 - 1 RHYOLITE

63.5177



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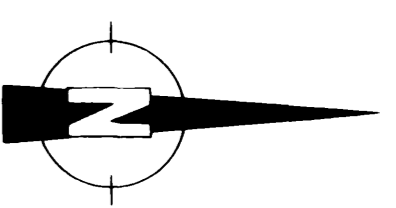
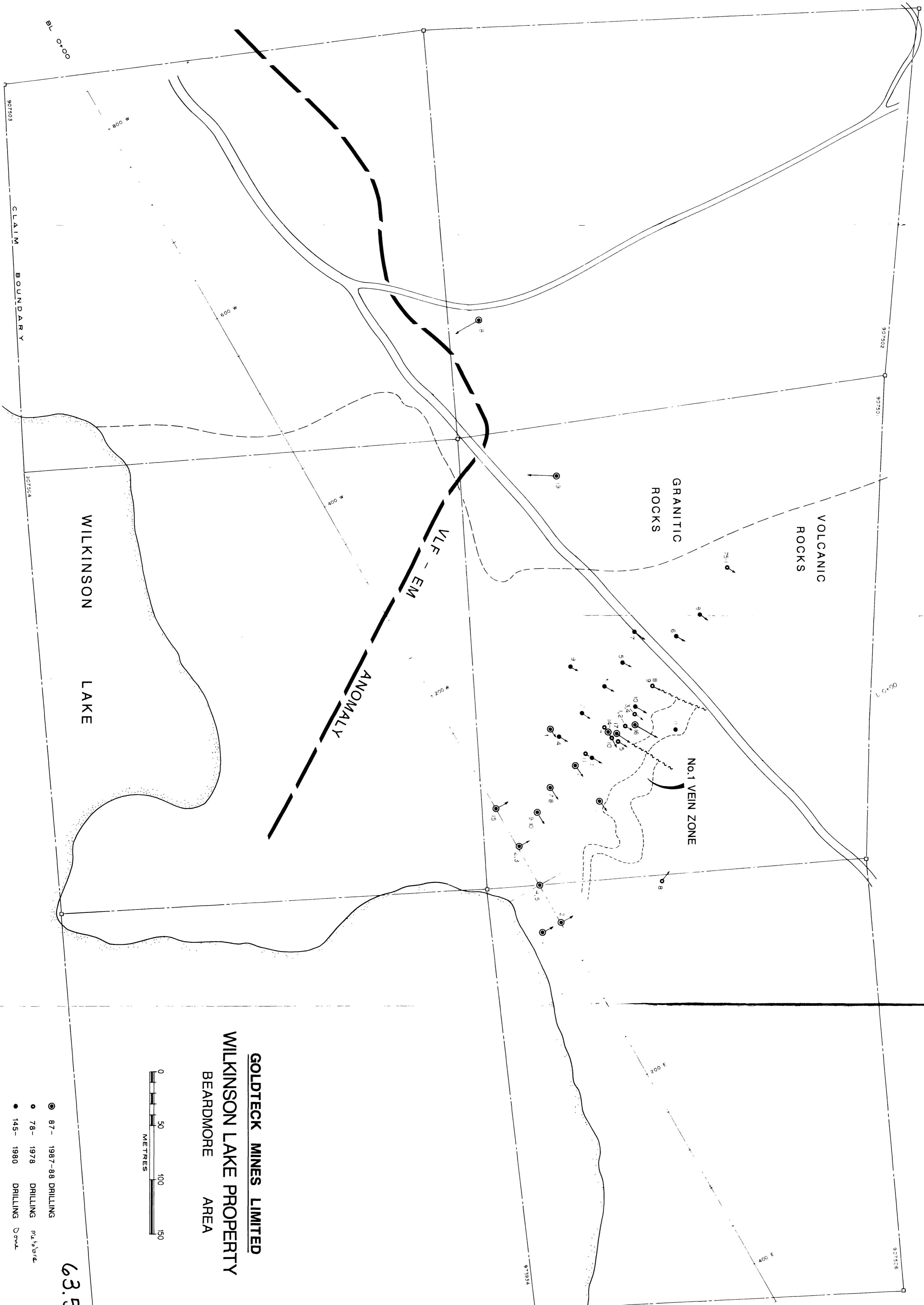


SECTION F-F

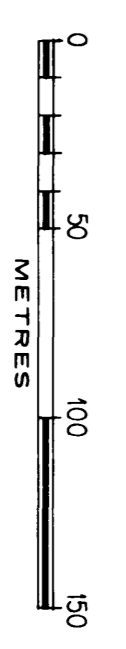
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GOLDTECK MINES LIMITED
WILKINSON LAKE PROPERTY
BEARDMORE AREA



- 87 - 1987-88 DRILLING
- 78 - 1978 DRILLING
- 145 - 1980 DRILLING

63.5177

OM 87-4-L-325

NOV. 1988