2 of 5

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PRELIMINARY EXAMINATION, HUNTER MINE PROPERTY

WHITNEY TOWNSHIP, ONTARIO

OM85-152

by

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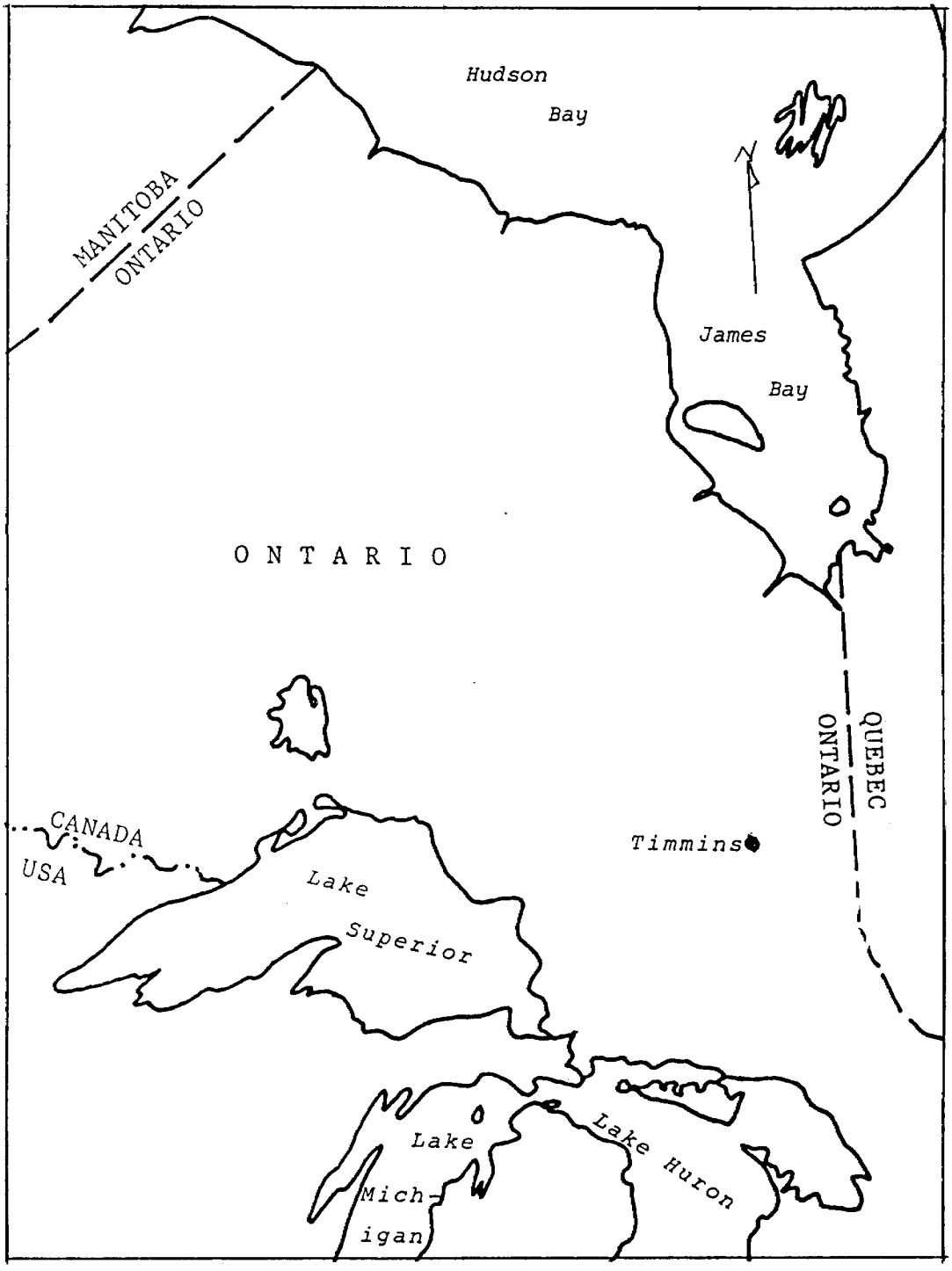
January 24, 1986



Location of the Timmins Area of Ontario

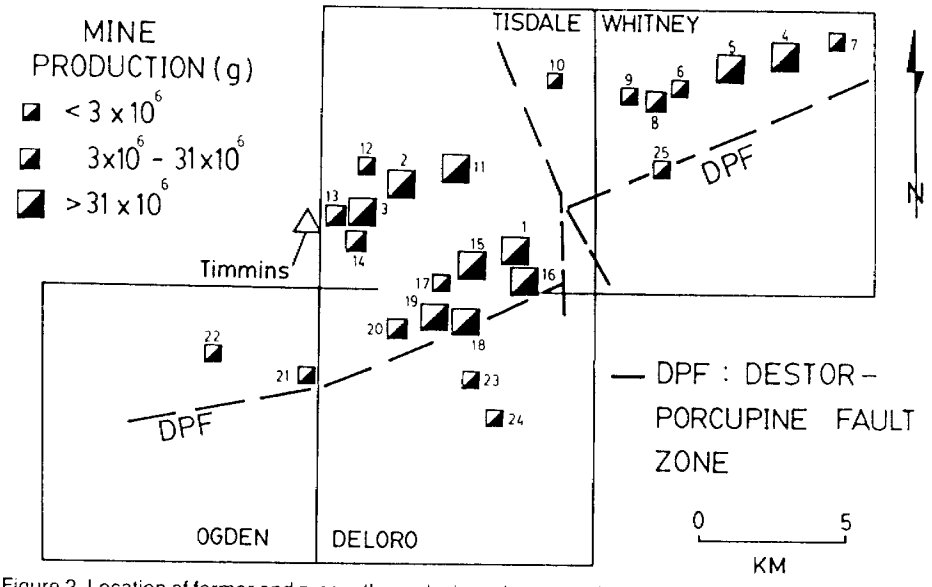


Figure 2–Location of former and presently producing mines, and the Destor-Porcupine Fault Zone in the Porcupine camp. The mining properties[a] are:

Producing Mines
1 –Dome.
2 –McIntyre (Pamour Schumacher property).
3 –Hollinger (Pamour Timmins property).
4 –Pamour #1.
11 –Westfield Minerals (formerly Coniaurum; Pamour option).
19 –Aunor (Pamour #3 Mine).
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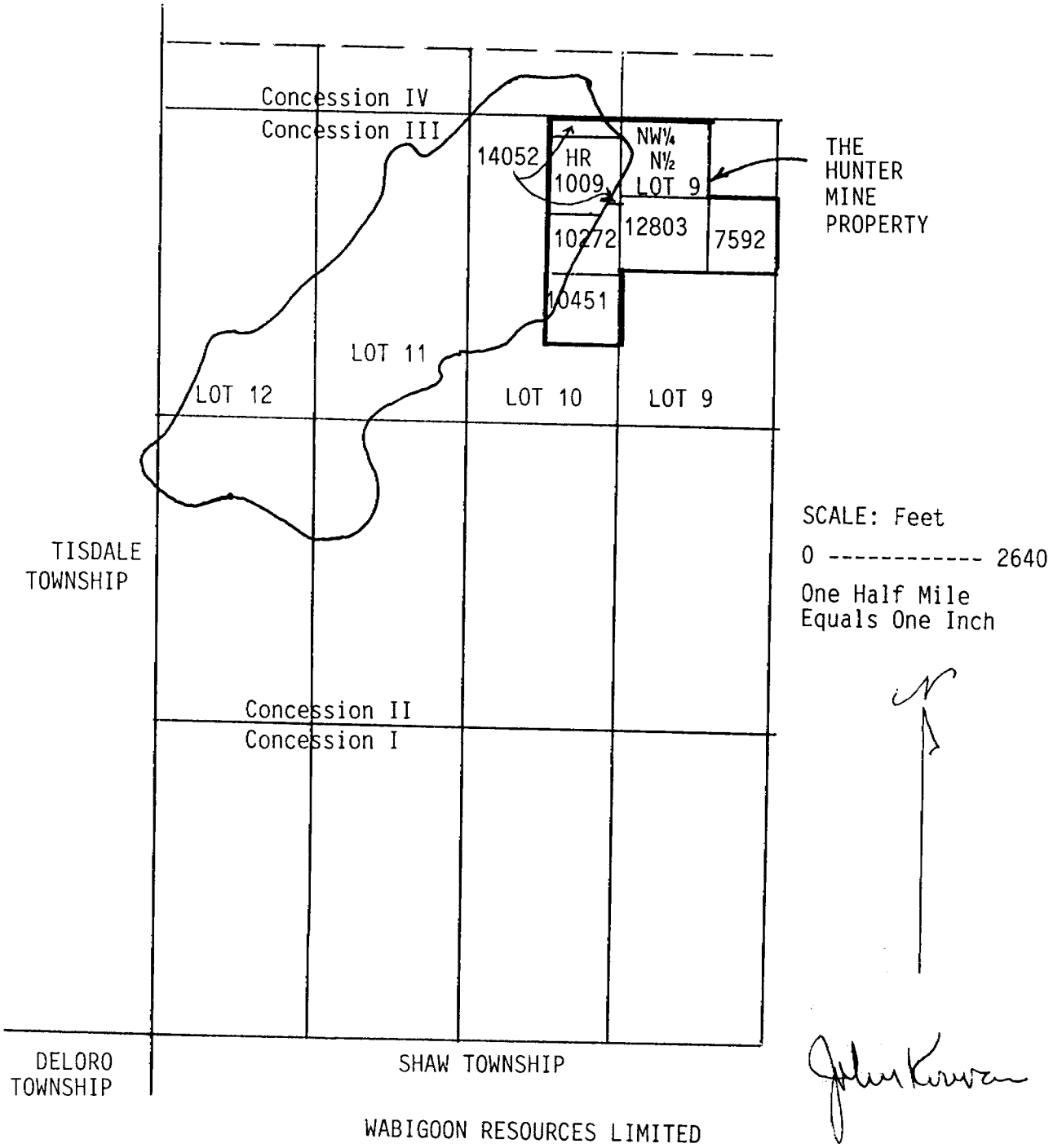
16 –Preston.
17 –Fuller Claim (Edwards shaft).
18 –Romfield Building Corp. Ltd.
(Buffalo Ankerite Mine: Pamour option).
21 –Kenilworth.
22 –Desantis.
23 –McLaren-Porcupine.
24 –Faymar.
25 –Porcupine Lake.

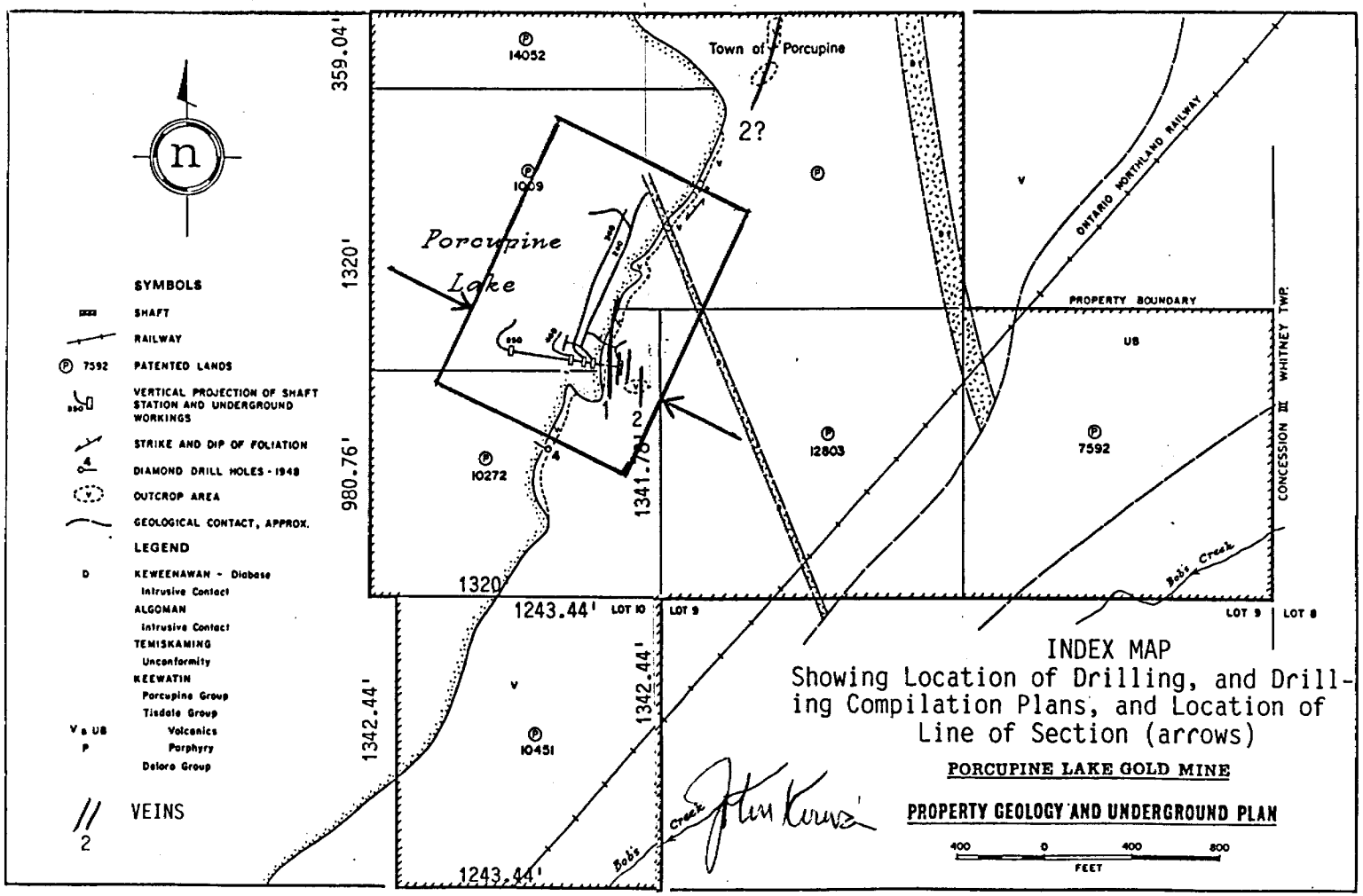
[a] For simplicity, the traditional names of mining properties and prospects, as listed by Ferguson *et al.* (1968) and Carlson (1967), are used.

Location of the Hunter Mine (No. 25) in Relation to the Major Gold Producers of the Timmins Area. From OGS Study 26.



WABIGOON RESOURCES LIMITED

Southwestern Whitney Township, Porcupine Mining Division, Province of Ontario, Canada, showing Locations of Claims on the Hunter Mine Property.



PRELIMINARY EXAMINATION, HUNTER MINE PROPERTY

WHITNEY TOWNSHIP, ONTARIO

by

John L. Kirwan

INTRODUCTION

This report has been prepared for the Management and Directors of Wabigoon Resources Limited of Toronto, the owner of 7 patented claims in the 9th and 10th lot, Concession III of Whitney Township, Porcupine Mining Division, Ontario. These claims are:

In Lot 10: 14052, HR1009, 10272, and 10451;

In Lot 9: P.7592, 12803, and an unnumbered claim comprising the NW¼, N½ of Lot 9 recorded as Parcel 3984 on page 733, Volume 20 in the Land Titles Office in Cochrane, Ontario as "Mining Lands".

No liens, cautions, or encumberances are recorded against these claims as of November 1, 1985, but an agreement has been recorded dated March 8, 1984 between the Corporation of the City of Timmins and Wabigoon Resources Limited regarding the mineral exploration of Claim 10272.

HISTORY

In late 1907, a prospector named Gore Bruce, financed by a Toronto-

based prospecting syndicate headed by attorney H.F.Hunter, located a quartz vein containing visible gold on the eastern shore of Porcupine Lake. He staked the ground, recording the claim in early 1908. Following the great Timmins Rush of 1909-1910 which resulted in the discovery of the Dome, Hollinger and McIntyre mines, prospecting and diamond drilling was done on the ground with the result that a mineable gold deposit was identified and shaftsinking began in early 1911. A level was established at 280 feet, some drifting done, and additional drilling, but the areas with high gold values that were identified in the 1910 drilling were not reached and the operation closed in 1914 after being burned out twice. Under new management some additional drilling was done in the 1926-1935 period and, beginning in that latter year, shaftsinking was continued (eventually to 855 feet at -56°) and levels established at 362, 482, 723 and 855 feet. In the period 1938-1940 a total of 10,821 tons of ore was treated at the mill on the site, from the mine, yielding 1,369 ounces of gold and 86 ounces of silver to give a total recovered grade of 0.1265 ounces of gold to the ton. A geophysical survey was done on the property in 1945 and 5 diamond drill holes were put down in 1948.

In 1983 the property was transferred to Wabigoon Resources Limited of Toronto and, first,the economic potential of the property was looked into by David S. Robertson and Associates of Calgary, and second, the property was examined as an exploration target by John L. Kirwan and Associates Limited (Earth Resource Associates) of Timmins. Both of these studies indicated that the property offered excellent potential for the discovery of one or more mineable gold deposits with the high gold prices that obtain in the 1980's. In the first place, the old mine was not worked below the second level, yet many drill hole intersections indicate gold mineralization to be present to the deepest levels of the mine. In the second place, the gold occurs in zones which appear to have remarkable persistency, yet which have been followed underground for only part of the possible strike length. And in the third place only a narrow part of the property has been explored in detail, the rest of the ground being heavily drift covered.

In 1983 a small area (about 1 acre) of ground was stripped of overburden near the Shaft, and numerous grab samples were taken from which gold values ranging up to 9 ounces to the ton were obtained. At that time a vast amount of old corporate and technical data from the files of the company became available and it became evident that the proper exploration of the ground would first require a reconnaissance of the ground largely by means of a thorough compilation and interpretation of this material. This was not possible at the time for financial and legal reasons. In late 1985, however, this position changed.

THE 1985 RECONNAISSANCE

Geology

Three areas of outcrop are known on the property: a narrow strip near the north end where several quartz veins are exposed in altered rock; a narrow strip along the shores of Porcupine Lake where some intermediate volcanics riddled with quartz veins, some diabase, and some carbonatized layered rock, possibly metasediments, are exposed; and in the area near the old mine shaft where early pitting and the 1983 stripping have exposed quartz veins, altered metasediments, and porphyry. All of these areas were visited and geologically mapped in October, November, and December of 1985.

Subsurface Data

All of the available technical material that survived from the work of previous operators was examined, assessed, and integrated to make a comprehensive picture of the economic potential of the underground portion of the old Hunter Mine. In addition to the mass of assay data which was converted from dollars to ounces per ton, the diamond drill data was examined and plotted onto plans and sections. This resulted in the two maps appended to this report:

a. Drilling Summary, 1911-1948, being a projection to a horizontal plane of all known drill holes and assay values from these holes in the vicinity of the mine, and
b. Projection of gold-bearing zones and drill hole intersections to plane of shaft, being a projection to a vertical plane of the drill holes and some assay results southward to the plane of the shaft.

INTERPRETATION

Horizontal Projection. Bearing in mind that the Number 1 vein outcrops along the shoreline of Porcupine Lake and is followed in the mine workings by the Main Drift of the mine at the 280 and 360 foot levels, itis apparent that drill hole setups underground from this Main Drift are from within this Number 1 vein and that any intersections of vein material are from other vein systems. It would appear, therefore, that many additional gold-bearing vein systems exist which are essentially parallel with this Number 1 vein, both eastward and westward from it. Hole 17 from surface in the northeast part of the area, sunk in 1911, cut 2 zones that are eastwardmost of the known veins--possibly correlatable with what was originally termed the Number 2 vein which at one time was exposed in outcrop about 100 feet southeast of the Main Shaft. In the southeastern part of the area, holes 3 (1948) and 20 and 21 (1911) combine to indicate three vein systems, of which the Number 1 is only one. The possibility of multiple vein systems is showm more clearly on the Vertical Projection.

Vertical Projection. Some caution should be exercised in interpreting this section, for kinks and bends in the vein systems along strike can give the impression that multiple veins are present when such is not the case. Even making allowances for this, however, it is apparent that numerous gold-bearing veins exist. Using the nomenclature of the first operators of the deposit for Veins 1, 2, 3, and 4, the following may be traced:

Vein Number 1: In outcrop along the shoreline, in drill holes 1 and 2 of 1911, in the stopes on the first and second levels, in drill hole intersections 118, 117, 122, 125, 129, and others, indicating continuity of the vein system to beyond the 400 foot level, the zone below the 300 foot level being unmined.

Vein Number 2: In outcrop, in drill holes H9, 113, and 117, indicating continuity of this system to below the 500 foot level, no part of it being adequately explored or mined.

Vein Number 3: In outcrop by the Main Shaft, in drill holes 1H and H9 (1935) and 128, and possibly in the drift on the 400 foot level. Possibly in drill hole 305 on the same level. This vein unexplored in detail and unmined.

Vein Number 4: In outcrop by the Main Shaft, possibly cut in drill holes 123 and 308, the latter being at the 400 foot level.

Other Veins: Drill Hole 4 of 1911 from surface and drill holes 107, 105, 110 and 129 contain indications of gold-bearing quartz vein systems westward from the numbered four. In addition, numerous stray values in widely spaced drill holes indicate the possibility of others. Hole number 5HR indicates one zone a considerable distance to the west. Because of the wide spacing of the intercepts of vein material, and the apparent duplication of vein projections that might exist due to bent or kinked veins, caution is again urged in interpreting too many veins in the underground workings. However, veins 1, 2, 3 and 4 certainly exist for they may be seen in outcrop.

Summary: Underground, surface outcrop, and drill hole indications show that the vein systems at the Hunter Mine exist along a strike length of at least 1000 feet in the vicinity of the old mine. Further outcrops of one or more veins occur an additional 800 feet to the north and, in drilling conducted in 1985, vein material was encountered several hundred feet farther to the south. This information combines to indicate that quartz vein systems probably exist over a strike length in excess of 2000 feet. There is some geophysical evidence to indicate that these systems could extend for double this distance although exploration of the geophysically indicated zone, by diamond drilling, has not yet taken place.

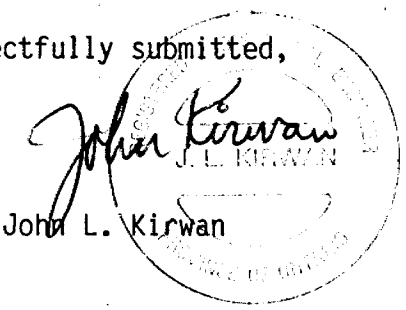
Drilling from within the mine workings, and exposures on surface near the mine, indicate that the gold-bearing veins are multiple, at least four being present and several others being indicated. Only one of these, the Number 1, has been explored in detail and mined, and this mining has been restricted to about 800 feet of the vein's strike length and the upper 300 feet of its dip extension. There is evidence that gold-bearing material exists to the deepest level of the mine at 700 feet.

It is apparent from the above that only a small part of the potentially gold-bearing part of the property has been explored, and that that part which has been explored indicates horizontal persistency of gold-bearing vein structures, multiplicity of the veins, and continuation to depth. Yet mining activity has extended only to a depth of 300 feet, less than half the depth to known gold values underground.

The property warrants considerable additional exploration, initially by diamond drilling from surface, but also from underground in the old mine workings. The surface diamond drilling should be designed not only to test the downward extension of the vein systems beneath the old mine workings, but should also be used to test the horizontal extension of these vein systems along the geophysically-indicated and geologically-indicated strike length. Underground operations should be designed to test for the gold content and distribution of the gold in the vein systems and would include dewatering, geological mapping, detailed sampling, surveying, and bulk sampling. The underground work should also include a moderate amount of crosscutting so as to obtain drill hole setups, some drifting along the vein systems in the deeper levels of the mine, and considerable diamond drilling.

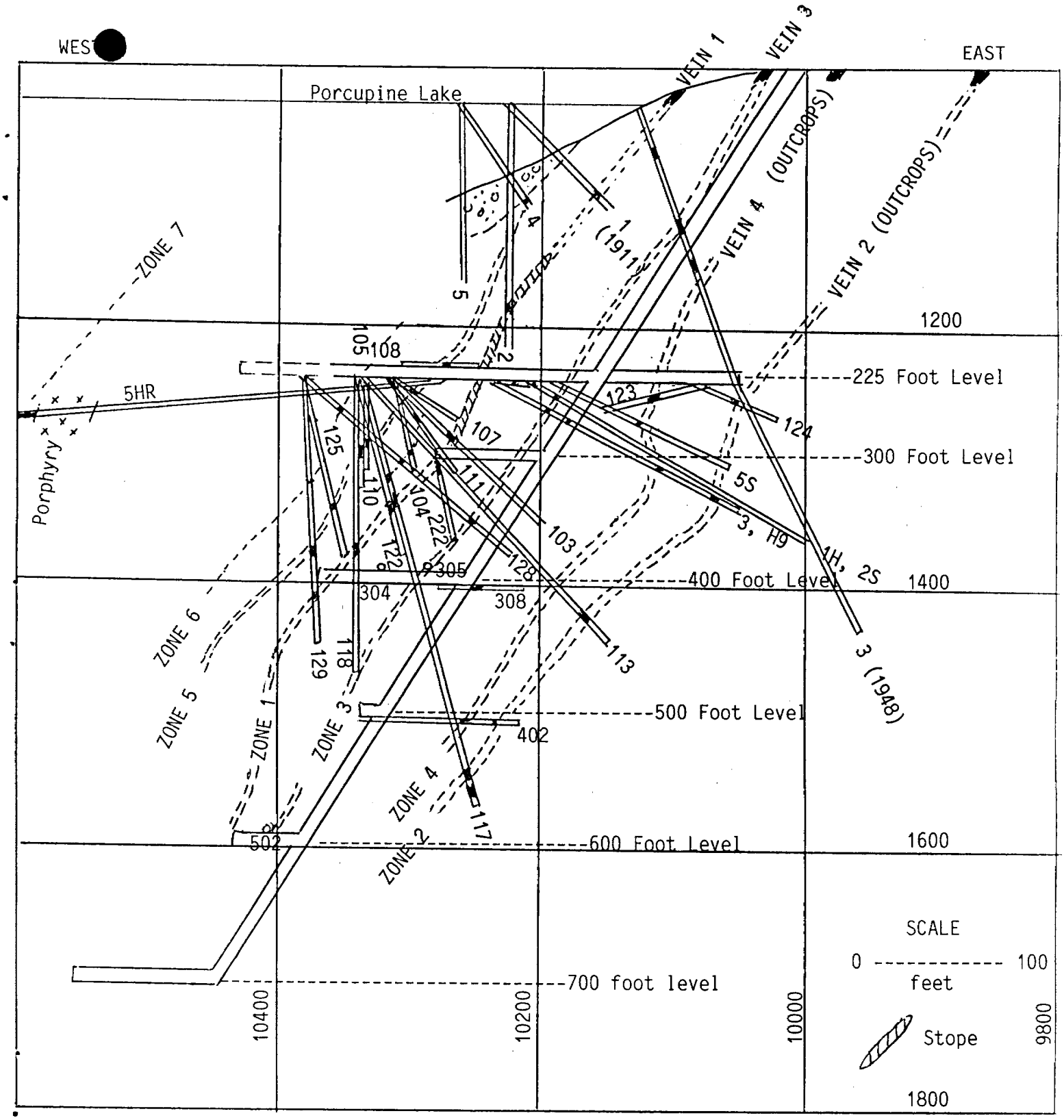
Because of the extremely erratic distribution of gold within the vein systems, the narrowness and complexity of the veins, and the tendency for the gold values to be in zones, actual assay values from drill hole intercepts or from small numbers of samples, should not be taken as indicative of the actual recoverable gold in the rock. On the accompanying maps values as low as 0.02 ounces of gold to the ton are plotted as being "significant"--that is to say, as indicative of the presence of material which bulk sampling or detailed exploration may indicate to be ore.

Respectfully submitted,



John L. Kirwan

At Timmins,
January 24, 1986



HUNTER MINE, WHITNEY TOWNSHIP, ONTARIO

HORIZONTAL PROJECTION to show drill hole intersections of gold-bearing veins in the vicinity of the underground workings, 1910-1948. Plane of section, 105° along the axis of the incline shaft. Values in ounces of gold per ton of rock of the pertinent drill hole intercepts are given on the accompanying table.

DRILL HOLE NEMBER	ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5	ZONE 6	ZONE 7
2 (1911)	.89/9'						
3 (1948)	.07/10'						
4 (1911)					2.5/5'		
5S (1935)				.2/5'			
5HR(1935)							.02/2'
1H, 2S (1935)			.5/15'				
H9, 3 (1935)	.06/4'	.02/5'	.26/3'	.06/3'			
103 (1938)	.4/4'						
104 (1938)					.3/3'		
105 (1938)						.1/9'	
107 (1938)					.06/4'		
111 (1938)					.04/5'		
113 (1938)		.16/10'					
117 (1938)	.41/5'				.08/10		
118 (1938)	.04/11'						
122 (1939)	.08/5'						
123 (1939)				.04/20			
128 (1939)						vg	
129 (1939)					.04/10'	vg	
222 (1940)	.4/15'						
304 (1940)	.35/?						
305 (1940)			.58/10'				
402 (1940)			.16/?	.11/?			
502 (1940)				.14/2'			

TABLE to show the drill hole intersections at the Hunter Mine in Whitney Township, Ontario, as indicated in surviving records of surface and underground diamond drilling at the site, 1911-1948. Values are in ounces of gold per ton of rock converted from the original given in dollars based on gold at $20 per ounce before 1936 and $35 per ounce after. The 7 gold-bearing zones that are indicated here were interpreted from a horizontal projection of the drill results, which this table accompanys. Due to uncertainties involved in the projection there may be more, or fewer, zonespresent than are indicated here.

3 of 5

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REPORT ON THE 1985 DRILLING PROGRAM

HUNTER MINE PROPERTY

WHITNEY TOWNSHIP, ONTARIO

OM85-152

by

John L. Kirwan

February 14, 1986

Earth Resource Associates,
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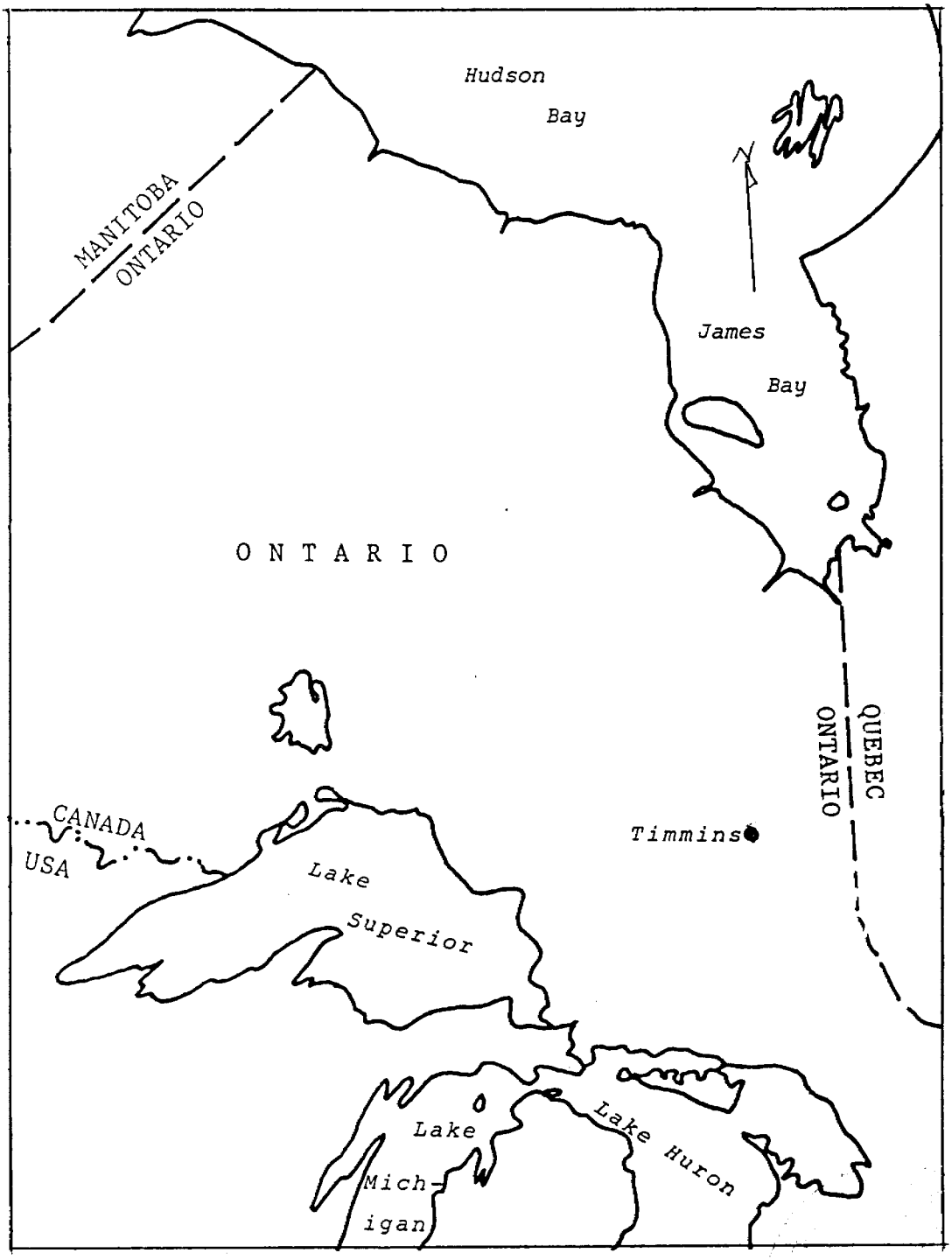

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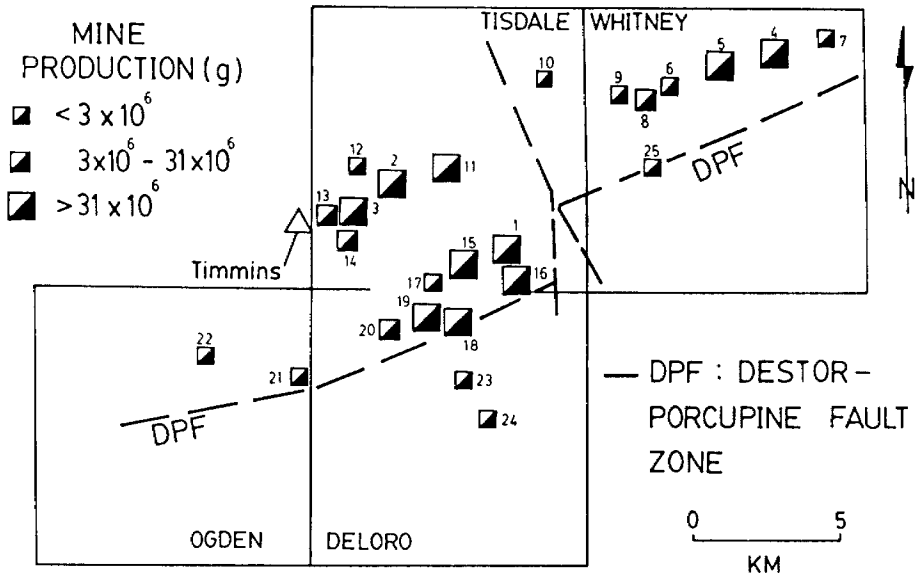

Figure 2–Location of former and presently producing mines, and the Destor-Porcupine Fault Zone in the Porcupine camp. The mining properties[a] are:

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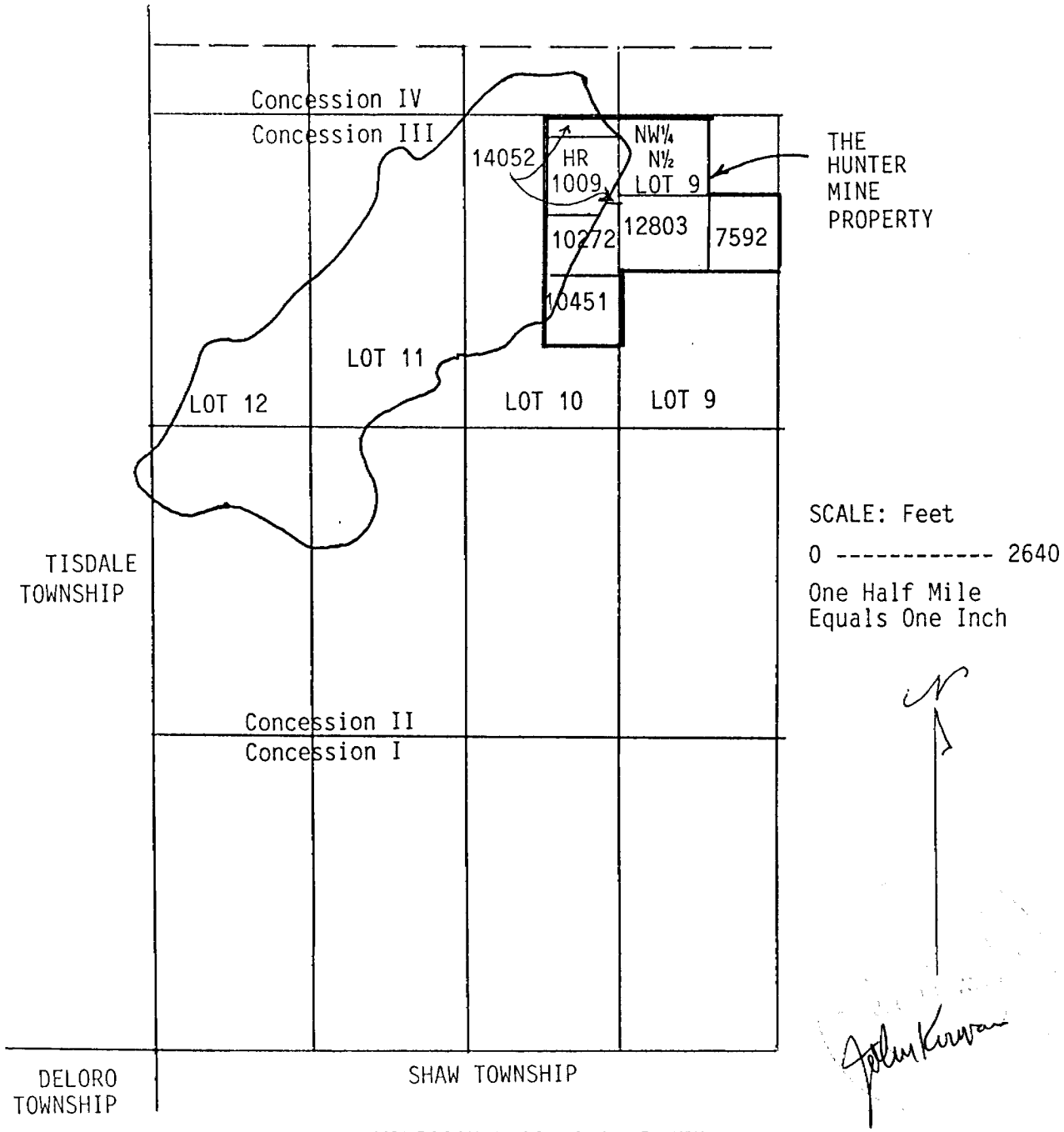

WABIGOON RESOURCES LIMITED

Southwestern Whitney Township, Porcupine Mining Division, Province of Ontario, Canada, showing Locations of Claims on the Hunter Mine Property.

REPORT ON THE 1985 DRILLING PROGRAM, HUNTER MINE PROPERTY

WHITNEY TOWNSHIP, ONTARIO

by

John L. Kirwan

INTRODUCTION

This report has been prepared for the Management and Directors of Wabigoon Resources Limited of Toronto, the owner of 7 patented claims in Lots 9 and 10, Concession III, Whitney Township, Porcupine Mining Division, Ontario. These claims are:

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In Lot 9: P.7592, 12803, and the unnumbered claim occupying all of the NW¼ of the N½, Lot 9, recorded as Parcel 3984 on page 733, Volume 20 in the Land Titles Office, in Cochrane, Ontario.

As of November 1, 1985, no liens, cautions or other encumberances are recorded against this ground except for part of Claim 10272 for which an agreement is in existence between Wabigoon Resources Limited

and the Corporation of the City of Timmins regarding its development.

HISTORY

Gold was discovered on the ground in late 1907 by Gore Bruce and, following the Porcupine Gold Rush of 1909, development began on the ground involving shaftsinking (1911) and underground drifting (1913-14) but no mining took place before the workings were shut down at the beginning of the first war. Additional surface exploration, including drilling, took place in the 1926-1929 period, and underground development was recommenced in 1935. During the period 1936-1940 the shaft was extended from 225 feet to 700 feet (true depths from collar) and several thousand feet of lateral workings driven, mainly from the first two levels, along gold-bearing zones. The mine was closed in late 1940 after the removal of some 10821 tons of rock, including development rock, which yielded 1369 ounces of gold and 86 ounces of silver, all from one vein structure, and all from above the 300 foot level of the mine. In 1948 several drill holes were put down from surface, for the most part distant from the mine workings.

In 1983 the surviving data from the previous work on the property was examined by David S. Robertson and Associates of Calgary, and in the same year, by John L. Kirwan and Associates of Timmins (Earth Resource Associates). The Kirwan study was resumed in 1985. The results of these examinations were that the potential of finding a relatively large-tonnage gold-bearing deposit on the Hunter Mine property was deemed to be excellent. Specifically:

a. At least 6 gold-bearing vein systems appear to exist on the ground, yet only one had been mined.
b. Old drill information indicates that the gold-bearing zones continue to the deepest levels of the old mine, yet mining had been restricted to areas above the 300 foot level.
c. The vein structures had been followed along strike approximately 900 feet and were still "open" at both ends, and
d. The possibility existed for other deposits elsewhere on the property.

To explore the possibilities of additional vein systems than had been mined and of along strike and down dip continuation of these vein systems, a program of geophysical surveying, geological mapping, sampling and assaying, and both surface and underground diamond drilling was recommended in 1985,

THE 1985 DIAMOND DRILLING

Because the majority of known gold-bearing veins or zones are under the area occupied by Porcupine Lake, much of the drilling that would be required to explore these zones was scheduled for the winter months (1986) when the drills could operate from the frozen surface of the lake. Drilling that could be done before this (in 1985) included a series of drill holes from the surface, soulh of the mine workings to test for along strike continuation of the zones in this direction, and another series from the underground workings to test for the validity of results reported in the 1938-1940 drilling, to test for the presence of ore grade material left in place, to cut vein structures below the mined area, and to establish the geological setting of the mineralization.

The holes drilled and a summary of these results are given below. The logs, location maps, sections, and available assays are given in an appendix at the back of this report.

The Surface Drilling

Eight holes were drilled from surface, 7 from an area southward from the Hunter Mine and one northward (H-8). This latter hole, which was attempted so as to cut the gold-bearing zones some 1000 feet to the north of the old mine workings, failed to reach bedrock and was abandoned at 245 feet at a true depth of 175 feet.

HOLES H-1 and H-2 were drilled from a point some 300 feet southwestward from the Hunter shaft, the first at an angle of -45° at an azimuth of 105°, and the second from the same location, vertically. These holes established that the quartz-bearing zones that are present in the mine do continue at least 300 feet southward and dip westward at an angle of about 45°. They also showed that the majority of quartz veins are

confined within a broad zone of extremely altered layered rock of possible metasedimentary origin which has been pervasively carbonatized, locally silicified or steatized, and sheared. Green hydrothermal minerals such as chlorite and epidote have formed, and small quantities of fuschite are present. In DDH H-1 about 200 feet of this alteration zone were cut above its talc schist "floor", which is less than 10 feet thick. Below this a thick succession of metasedimentary rock--mostly dark grey argillites and lighter grey greywackes--occurs within which a thick talc unit (steatite) was intersected and, lower down the hole, a second alteration zone containing quartz veins, occurs. In DDH H-2 the same succession was encountered except that a thin unit mapped as intermediate volcanic occurs at the top of the hole, and the hole did not penetrate deeply enough to encounter the lower alteration zone that was seen in hole H-1. Within the two alteration zones at least three areas of quartz veining and intense alteration were noted, being very similar to and on strike with the gold-bearing zones in the old Hunter Mine. As of the writing of this report, no assays are available for these potentially gold-bearing zones.

HOLE H-3, drilled eastward (105°) at -45° from a point 100 feet closer to the Hunter shaft, passed through the same succession as Hole H-1, including a second zone of alteration, which may be the same as the second zone that was found in Hole 1. In the first alteration zone some 4 areas of quartz veining with intense alteration were encountered, which are quite possibly the 4 main vein systems described by earlier workers in the Hunter Mine. The succession Alteration Zone/talc schist/Metasediments/steatite/Metasediments is similar to that encountered in Holes H-1 and H-4, each 100 feet on either side of H-3.

HOLE H-4 was drilled parallel with and 100 feet north of H-3, being 50 feet south from the plane of the Hunter shaft, passing through a similar succession as did H-3, including 3 quartz vein and intensely altered zones. In addition, top determinations from the greywacke components in this hole (as in Hole H-6) indicate that the sedimentary beds are right side up, the tops facing to the west.

HOLES H-5 and H-6 were drilled parallel with H-4 but 50 feet on the

north side of the shaft. Hole H-5 was drilled at -45° eastward (at 105° azimuth) and Hole H-6 was drilled vertically from the same setup. These holes established the dip of the rocks at approximately 45° to the west, established that the tops are upwards and that the beds are not overturned, encountered one zone of quartz feldspar porphyry and a zone mapped as basalt. Although several vein-alteration systems were encountered in the core, and the holes themselves are within the Hunter Mine area itself, assay values were low. However, as shown in the log of Hole H-5, many areas were encountered with assays in the .01 class over widths of 5 to 10 feet, which values are considered to be singnificant as indicators of potentially economic concentrations of gold.

HOLE H-7 was drilled parallel with Hole 1, only from a point 100 feet southward from it. This hole encountered the same succession as that hole, except that the talc schist and steatite units appear to have coalesced into one unit, and the hole did not progress far enough to have encountered the second alteration zone, if it exists at this point. Three quartz vein alteration zones were encountered from which assay values are not yet available.

HOLE H-8 has already been mentioned as an attempt to follow the vein systems that exist in the Hunter Mine northward some 1000 feet. This hole was a failure in this regard as it failed to reach bedrock.

In Holes 1-8 the total footage drilled was:

DDH H-1	536
DDH H-2	656
DDH H-3	406
DDH H-4	456
DDH H-5	455
DDH H-6	656
DDH H-7	378
DDH H-8	246
TOTAL	3789 feet.

The Underground Drilling

Three drill holes were recommended from underground at the Hunter Mine during its period of dewatering in late 1985: a vertical hole from the 281 X-cut to verify the results of an earlier hole down dip from its path below the 300 foot level; a steep hole from station 136 in 283 Crosscut also to verify the results of old drilling, also below the 300 foot level; and an angle hole from the 300 foot level to test for gold values immediately below this level. Instead of these 3, the following 5 were put down:

HOLE U-1, from station 128 in 281 Crosscut, a steeply angled hole, was put down to verify the results of drill hole 110 of 1938 in which values of .3 ounces of gold to the ton over 5 feet were reported. This hole was lost at 56 feet when it entered a stope that had been driven from the 300 foot level, presumably to mine the zone encountered in hole 110. This stope had not been shown at this point in copies of early mine plans.

HOLE U-2 was put down at -15° eastward on an azimuth of 105° from a point westward from U-1, in fact from station 129 in the same crosscut. It was put down to test for the continuation of ore-grade material below the 225 foot level and above the stope encountered in Hole U-1, and to test for other gold-bearing zones eastward from it. Beginning at 72½ feet it encountered a zone which measured 6½ feet along the core axis (approximately 5½ feet true width) at the point of projection of the No. 1 vein at the mine. Two other gold-bearing zones were encountered, one averaging .027 gold across 5¼ feet beginning at 169¼ feet, and the other averaging .02 across 12 feet beginning at 192 feet, the indicated thicknesses being measured along the core axis. These two intersections may indicate the presence of Veins 2 and 3 as indicated in surface mapping in 1911. A word of caution is

The Underground Drilling

Three drill holes were recommended from underground at the Hunter Mine during its period of dewatering in late 1985: a vertical hole from the 281 X-cut to verify the results of an earlier hole down dip from its path below the 300 foot level; a steep hole from station 136 in 283 Crosscut also to verify the results of old drilling, also below the 300 foot level; and an angle hole from the 300 foot level to test for gold values immediately below this level. Instead of these 3, the following 5 were put down:

HOLE U-1, from station 128 in 281 Crosscut, a steeply angled hole, was put down to verify the results of drill hole 110 of 1938 in which values of .3 ounces of gold to the ton over 5 feet were reported. This hole was lost at 56 feet when it entered a stope that had been driven from the 300 foot level, presumably to mine the zone encountered in hole 110. This stope had not been shown at this point in copies of early mine plans.

HOLE U-2 was put down at -15° eastward on an azimuth of 105° from a point westward from U-1, in fact from station 129 in the same crosscut. It was put down to test for the continuation of ore-grade material below the 225 foot level and above the stope encountered in Hole U-1, and to test for other gold-bearing zones eastward from it. Beginning at 72½ feet it encountered a zone which measured 6½ feet along the core axis (approximately 5½ feet true width) at the point of projection of the No. 1 vein at the mine. Two other gold-bearing zones were encountered, one averaging .027 gold across 5¼ feet beginning at 169¼ feet, and the other averaging .02 across 12 feet beginning at 192 feet, the indicated thicknesses being measured along the core axis. These two intersections may indicate the presence of Veins 2 and 3 as indicated in surface mapping in 1911. A word of caution is in order for the first intersection in this hole as the highest assays (which averaged .41 ounces of gold over 2½ feet) were derived from check assays of material that had originally assayed "trace". Owing to small drill core (EXK) and short sample lengths (1 to 2 feet) the entire core was consumed in assay and none remains for rechecking these results. As the values came from a zone that is known from old drill-

ing and mining data, and as the drill core was visually encouraging, the higher values from these contradictory assays are accepted.

HOLES U-3, U-4, U-5. These were drilled from one setup at station 135 in 283 Crosscut, essentially on top of Vein No. 5 in the Hunter Mine, an opportunity being lost to drill from a small Crosscut west of this from where the No. 5 vein might have been intersected. The 3 holes were put down as a fan along an azimuth of 105°, at -85°, -65°, and -25°, though Hole U-5 deviated from this azimuth to 111°. Holes U-3 and U-5 appear to have intersected the No. 1 Vein, returning values of .01 over 5 feet and .03 over 8 inches, respectively, and U-5 cut other zones as well, with values of .01 over 6½ feet, .01 over 4½ feet, .03 over 1½ feet, and .015 over 3½ feet, all footages being measured along the core axis. Although low in grade, these intersections are considered to be very encouraging, as they indicate the presence of the various vein systems in that part of the old mine, and verify that these systems are gold-bearing.

In Holes U1-U5 the total footages were:

U-1	56
U-2	251
U-3	148
U-4	103
U-5	178
TOTAL	736 feet

TOTAL: H1 through 8, U1 through 5 4525 feet

RECOMMENDATIONS

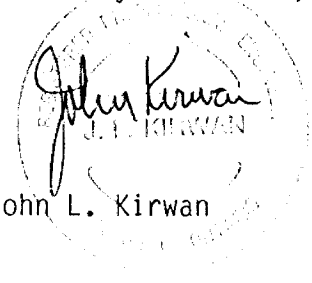
While the surface of Porcupine Lake is frozen in the winter of 1986 a series of diamond drill holes should be put down from the ice so as to test both down dip and along strike extensions of the vein or gold-bearing systems. This can be accomplished by means of a row of drill holes from a base line oriented 015° driven from a point 550

feet from the shoreline by the Hunter shaft, the holes being put down at hundred foot intervals at an azimuth of 105° and inclinations of -50° and -70° from each setup. At least 2 drill holes should be driven to test for parallel systems eastward from the shoreline as indicated in Hole H-1. A total of 15,000 feet is recommended for this phase of the exploration.

SUMMARY

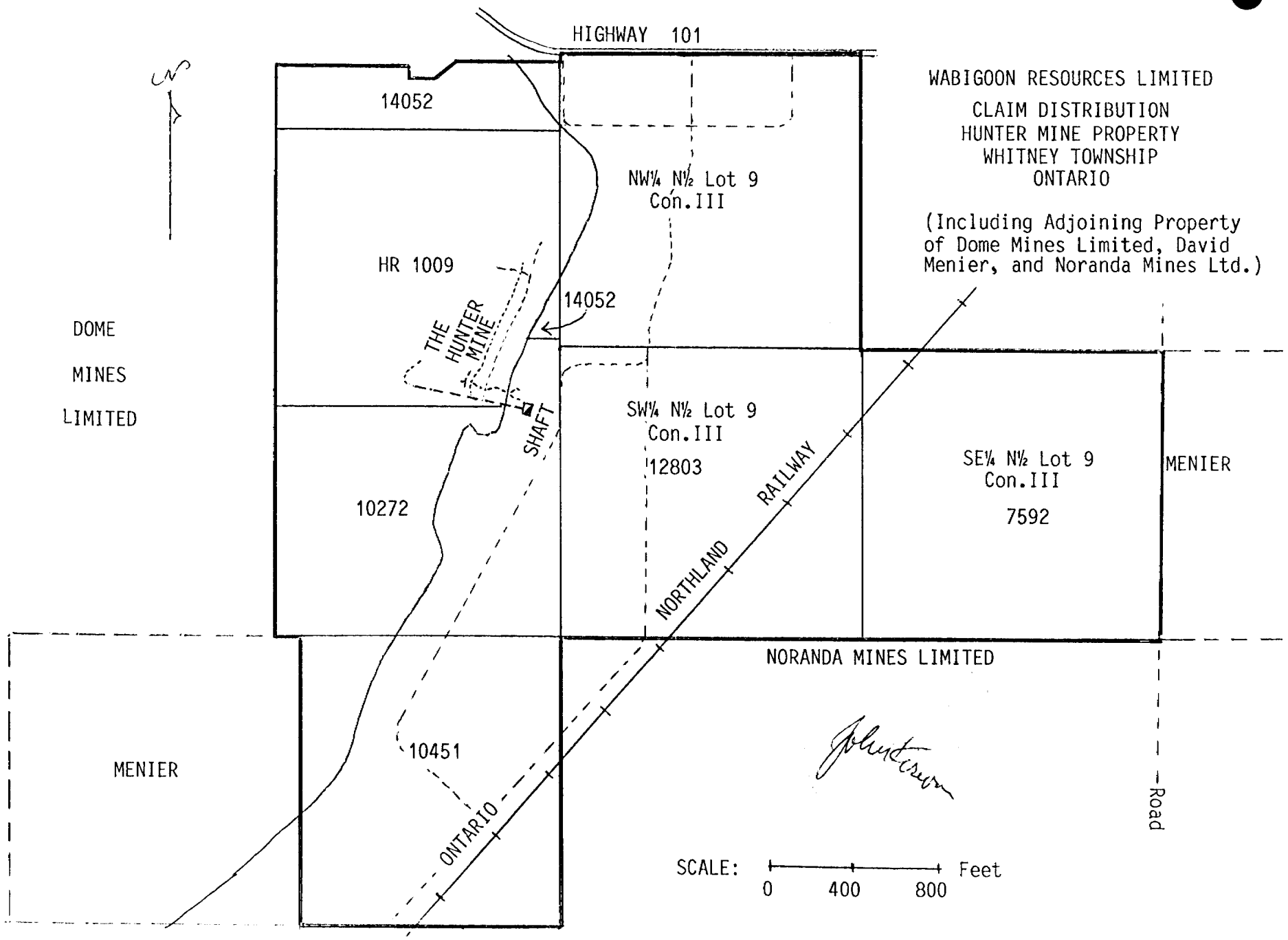
Within the old Hunter Mine workings, 6 or more gold-bearing vein or intense alteration systems exist within a zone of alteration in the rocks at least 300 feet thick. Drilling from surface in 1985 indicates that these veins continue southward beyond the mine workings at least 400 ft.and dip westward at an angle of about 45°. Surface mapping and geophysical work combine to suggest that these veins may continue so as to straddle the property--ie. along a strike length of some 4000 feet. Underground drilling has verified that gold-bearing material is still in place in the mine workings, occurs in numerous parallel vein systems in addition to the one partly mined, and exists at depths below 300 feet, the deepest level of mining. Additional drilling work has been recommended for the winter of 1986 to trace the zones both down dip in the vicinity of the old mine workings, and along strike to the limits of the property northward and southward. Additional drilling is recommended to test for additional parallel systems to those already known as the possibility that these exist has been indicated in drill hole H-1.

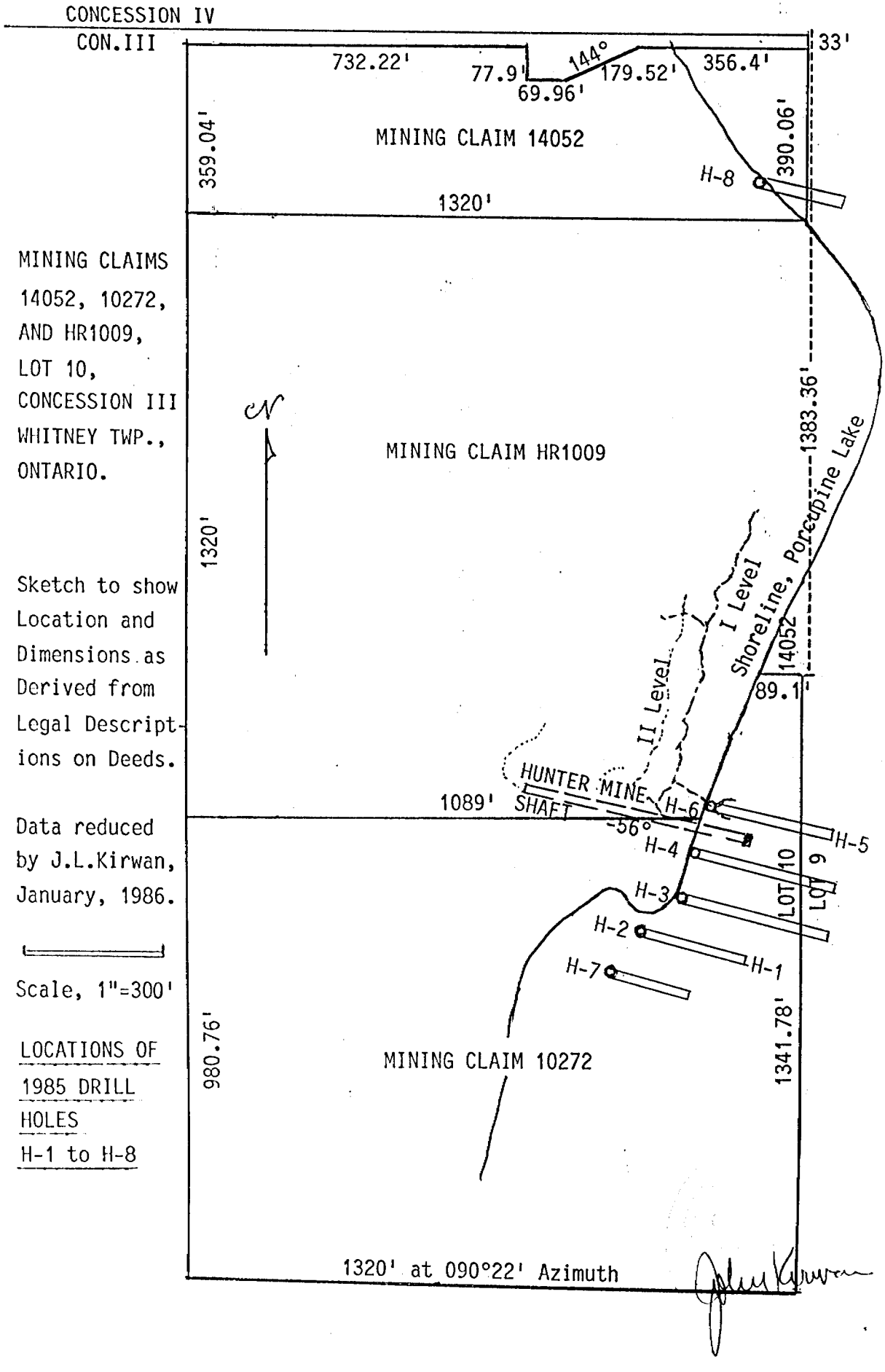
Respectfully submitted,

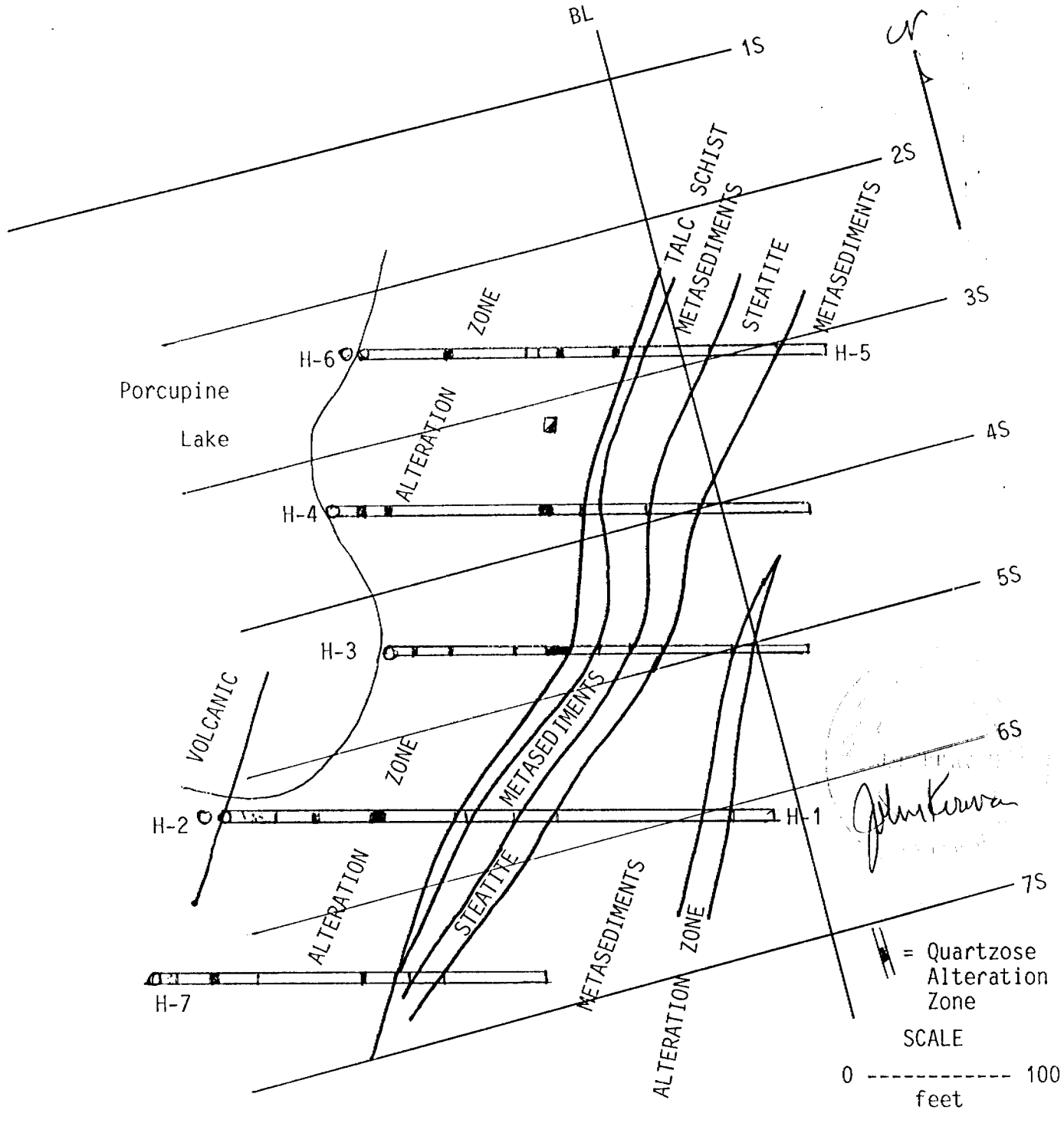


John L. Kirwan

At Timmins, Ontario,
February 15, 1986

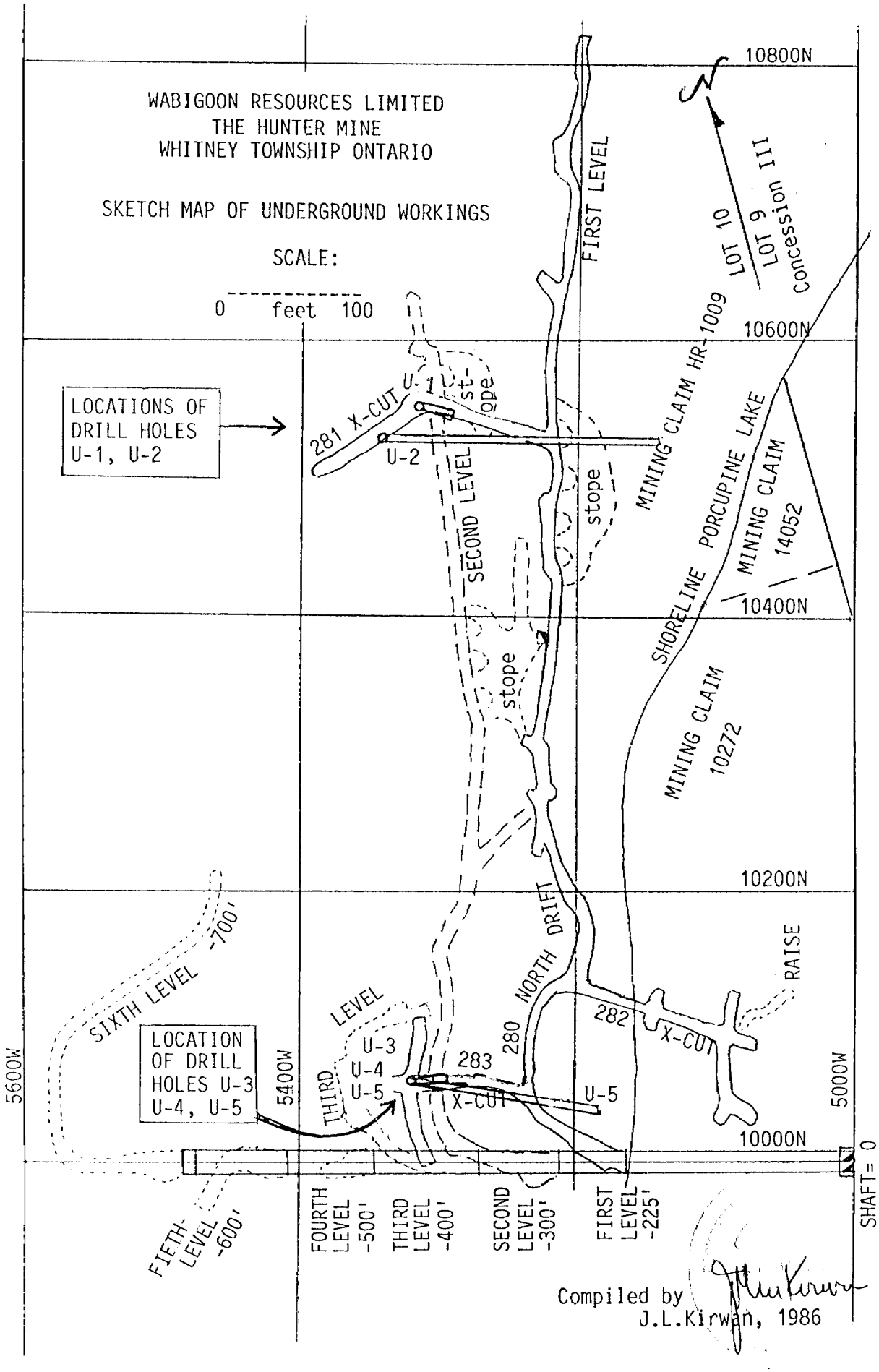

HIGHWAY 101
WABIGOON RESOURCES LIMITED
CLAIM DISTRIBUTION
HUNTER MINE PROPERTY
WHITNEY TOWNSHIP
ONTARIO
(Including Adjoining Property of Dome Mines Limited, David Menier, and Noranda Mines Ltd.)
14052
NW¼ N½ Lot 9 Con.III
HR 1009
14052
THE HUNTER MINE
SHAFT
DOME MINES LIMITED
SW¼ N½ Lot 9 Con.III
12803
SE¼ N½ Lot 9 Con.III
7592
MENIER
10272
RAILWAY
NORTHLAND
NORANDA MINES LIMITED
MENIER
10451
ONTARIO
Road
SCALE:
0
400
800
Feet


CONCESSION IV
CON.III
732.22'
77.9'
144°
179.52'
356.4'
33'
69.96'
359.04'
MINING CLAIM 14052
390.06'
H-8
1320'
MINING CLAIMS
14052, 10272,
AND HR1009,
LOT 10,
CONCESSION III
WHITNEY TWP.,
ONTARIO.
MINING CLAIM HR1009
1383.36'
Porcupine Lake
Shoreline,
I Level
II Level
14052
89.1'
1320'
Sketch to show
Location and
Dimensions as
Derived from
Legal Descript-
ions on Deeds.
HUNTER MINE
SHAFT
1089'
H-6
H-5
-56°
H-4
LOT 10
LOT 9
H-3
H-2
H-1
H-7
Data reduced
by J.L.Kirwan,
January, 1986.
Scale, 1"=300'
LOCATIONS OF
1985 DRILL
HOLES
H-1 to H-8
980.76'
MINING CLAIM 10272
1341.78'
1320' at 090°22' Azimuth



PLAN OF PRINCIPAL ROCK-TYPE INTERSECTIONS IN
DIAMOND DRILL HOLES H-1 to H-7 of 1985.
WABIGOON RESOURCES LIMITED, HUNTER MINE PROPERTY, WHITNEY TWP., ONTARIO.
Scale, 100 ft = 1 inch

Mining Claims 10272 (west of BL and east of Lake),12803 (east of BL)
Lake north of H-6 is Claim HR1009


WABIGOON RESOURCES LIMITED
THE HUNTER MINE
WHITNEY TOWNSHIP ONTARIO
SKETCH MAP OF UNDERGROUND WORKINGS
SCALE:
0 feet 100
10800N
10600N
10400N
10200N
10000N
5600W
5400W
5000W
SHAFT= 0
FIRST LEVEL
LOT 10
LOT 9
Concession III
MINING CLAIM HR-1009
SHORELINE PORCUPINE LAKE
MINING CLAIM 14052
MINING CLAIM 10272
LOCATIONS OF DRILL HOLES U-1, U-2
281 X-CUT
U-1
U-2
stope
SECOND LEVEL
stope
stope
NORTH DRIFT
RAISE
282
X-CUT
280
283
U-3
U-4
U-5
X-CUT
U-5
LOCATION OF DRILL HOLES U-3 U-4, U-5
SIXTH LEVEL -700'
FIFTH LEVEL -600'
FOURTH LEVEL -500'
THIRD LEVEL -400'
SECOND LEVEL -300'
FIRST LEVEL -225'
Compiled by
J.L.Kirwan, 1986

Earth Resource Associates
P.O. BOX 2150, TIMMINS, ONTARIO, P4N 7X8 CANADA

DIAMOND DRILL LOG

WABIGOON RESOURCES LIMITED

PROPERTY HUNTER MINE
HOLE NUMBER H-1
GRID REFERENCE 5+03S 3+95W 1985 GRID
TOWNSHIP WHITNEY CLAIM 10272
AZIMUTH 105° DIP ANGLE -45°

DRILLING COMPANY NOREX FOREMAN A.Gagnon DIP TESTS: 100':42°; 200'=44°; 300'=43°; 400'=42° 500'=41°
CORE SIZE BQ CORE STORED AT: Minesite LOGGED BY J.L.Kirwan DATE Oct. 31, 1985

FOOTAGE	PRELIMINARY LOG — DESCRIPTION OF CORE	SAMPLE NUMBER	ASSAYS
0	CASING		
55	ALTERATION ZONE- Layered, streaky, green and lt grey quartz-ankerite (chlorite) schist, possibly mylonitic; shearing and banding at 80-85° to core axis. Nunerous quartz stringers; less sheared but more carbobatized by 86' where layering is at 50° to ca.		
	79-86': Quartz-carbonate zone		
	106-124': More chloritic phase (metavolcanic?); sheared at 50° to ca		
	115': Quartz carbonate vein, 80° to ca		
	116': Banding at 60° to ca cut by ½" QV at 80°		
	124-127': Massive porcellanite-type breccia intergrowth		
	127-144': Quartz alteration zone, about 30% white QV's at 10-90° to ca in pale green locally brecciated aphanitic material.		
	144-203': occas. ¼" or less QV; layering about 45° except at 176'= 85° to ca and at 186-189 is sub-parallel.		
	192': Good layering at 50° cut by cleavage at 30°		
	182': Lost core 1'		
203	TALC-CARBONATE layer: weakly sheared at 50° to ca: light colored, medium grain assemblage of platy talc and more massive carbonate crystals.		
210	METASEDIMENTS: Grey to dark grey with fine layering at 60° to ca		
261	TALC CARBONATE SCHIST: Medium grey, soft, greasy with massive and weakly sheared zones. Shearing at 80° to core axis.		
310	METASEDIMENTS: Well-layered dark grey to light grey, layered at 50° to ca but with well-developed cleavage at 20° (with an apparent orientation of 090 dipping about 70° South).		
	310-319': Silicified zone, nearly black, with fine pyrite in schistosity; gradational lower contact with (?) argillites.		
	400-427': Greywacke, upper contact at 50°: fg-my layered light grey rock layered at 45° to ca.		

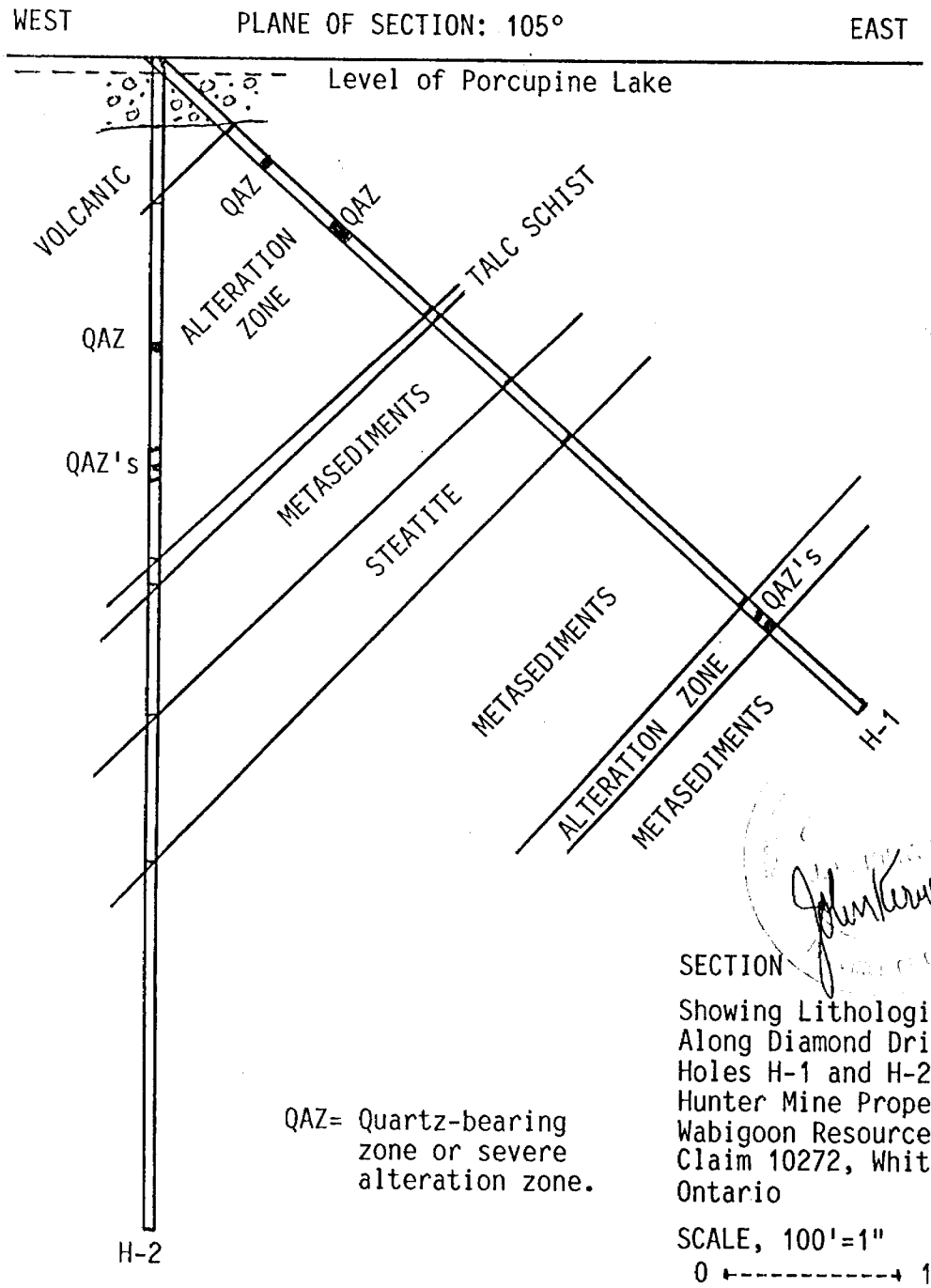
EARTH RESOURCE ASSOCIATES: DIAMOND DRILL LOG. PROPERTY: **HUNTER MINE** HOLE NUMBER: **H-1**

FOOTAGE	DESCRIPTION OF CORE	SAMPLE NUMBER	ASSAYS	
	423': 6" QV with streaks of chlorite, 70° to ca			
	427-441': Metasediments have well-developed bedding at 70° to ca			
	428-430': Some irregular quartz veins			
	441': Irregular QV 3"			
441	ALTERATION ZONE; Sheared, brecciated, crenulated, streaky, silicified in places.			
	446-450': About 20% feee quartz as streaks, disseminations, veinlets.			
	456-461': Quartzose zone, about 30% quartz streaks etc.			
	461-466': Greywacke containing quartz alteration zone, under 10% quartz.			
466	METASEDIMENTS: Greywacke, or possibly silicified argillite; fine grained, layered at 70°			
	474½': 3" quartz vein			
	528': 4" quartz vein			
536	END OF HOLE			

John L. Kirwan
January 30, 1986

LOCATIONS: On 1985 Geophysical Grid:
H-1- 5+03S 3+95W;
H-2- 5+00S 4+00W.
On Mine Grid: 9750N, 5250W (H-2) or 5245W (H-1)
Both are on claim 10272

DIAMOND DRILL HOLES
H-1
H-2



QAZ= Quartz-bearing zone or severe alteration zone.

SECTION

Showing Lithologies Along Diamond Drill Holes H-1 and H-2,of 1985, Hunter Mine Property of Wabigoon Resources Limited, Claim 10272, Whitney Twp., Ontario

SCALE, 100'=1"
0 ←----------→ 100
feet

Earth Resource Associates
P.O. BOX 2150, TIMMINS, ONTARIO, P4N 7X8 CANADA

DIAMOND DRILL LOG

WABIGOON RESOURCES LIMITED

PROPERTY HUNTER MINE
HOLE NUMBER H- 2
GRID REFERENCE 5+00S 4+00W 1985 GRID
TOWNSHIP WHITNEY CLAIM 10372
AZIMUTH DIP ANGLE -90°

DRILLING COMPANY NOREX FOREMAN A.Gagnon DIP TESTS: 100'=89°; 200'=88°; 300'=88°; 400'=88°; 500'=88½°; 600'=88°
CORE SIZE BQ CORE STORED AT: Minesite LOGGED BY J.L.Kirwan DATE Oct.31, 1985

FOOTAGE	PRELIMINARY LOG DESCRIPTION OF CORE	SAMPLE NUMBER	ASSAYS	
0	CASING			
36	INTERMEDIATE VOLCANIC- Chloritic schist: sheared, layered, highly chloritic with talc; banding at 60° to ca			
	48-54': weak quartz vein zone with numerous irregular QV's to 10% of rock.			
78	ALTERATION ZONE- Beginning with sheared, layered unit well-banded at 45° to core axis with streaky quartz-feldspar-chlorite-carbonate zones, possibly a Mylonite; at			
	136' the rock becomes a laminated, crenulated quartz-carbonate zone with chlorite, both between the laminae and in crosscutting veins perpendicular to the layering. Layering is 40°-50° to core axis.			
	121'- QV's, 1", ¼" mutually perpendicular			
	153-158'- Quartzose alteration zone, about 10% quartz as streaks & veinlets			
	by 160' the layering is at about 60° to ca			
	181' 12" quartzose zone			
	201'-12" rusty quartzose zone			
	213-215'- Quartzose alteration zone, about 10% quartz as streaks etc.			
	224-226'- The same, about 15% quartz			
	228-232'- The same.			
	232-244'- Similar alteration, much less quartz.			
	262' This material is chaotically layered, with considerable chlorite, carbonate, epidote, and deformation in the form of down-dip mullioning. It is transitional between the spectacularly altered material above and the fresher metasediments below 296'; layering in 45-60° range but occas. less (eg 35° at 262').			
283	TALC-CARBONATE layer, beginning with highly carbonatized or carbonate layer with talc and progressing by 289 to very talcose unit.			

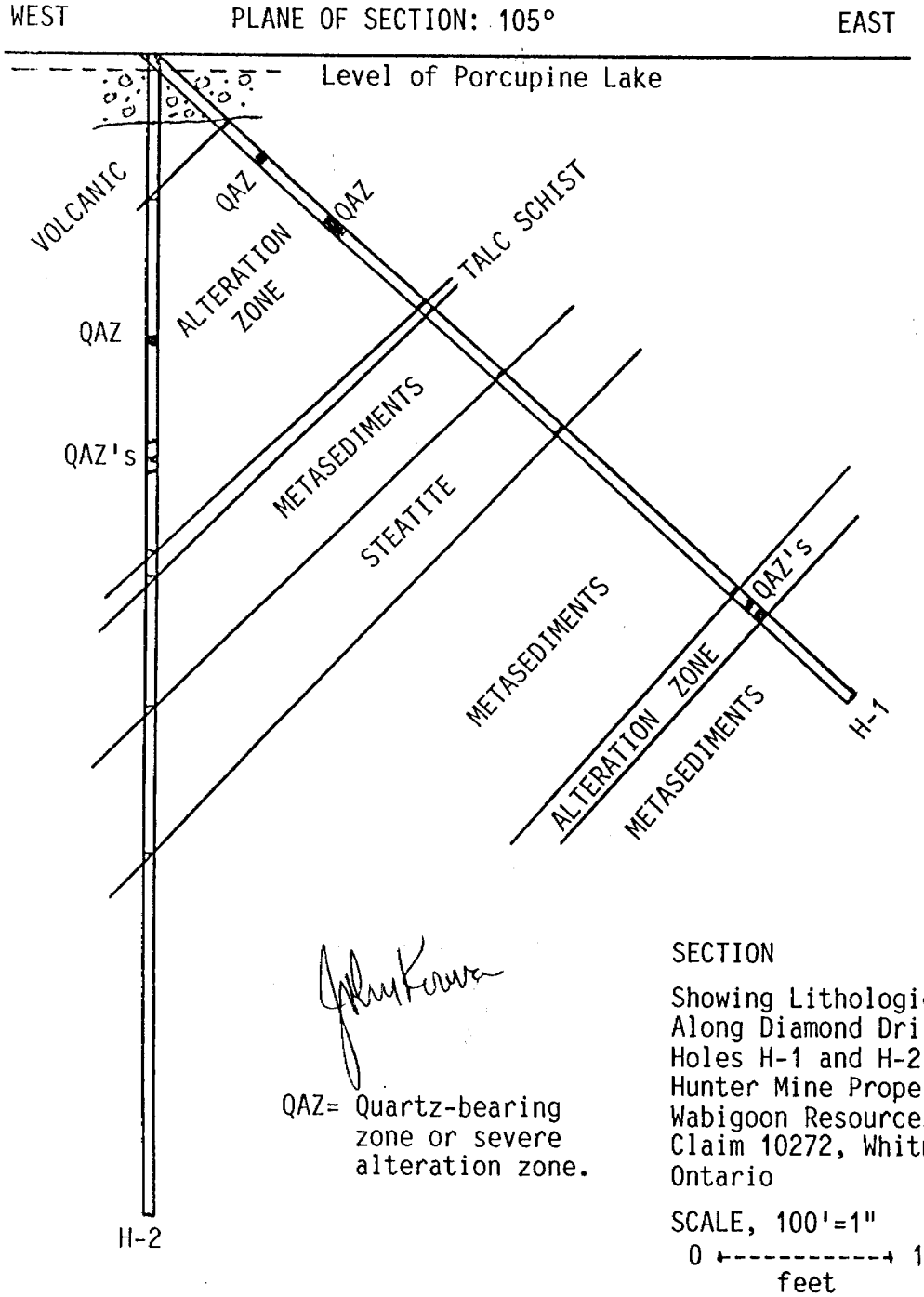
EARTH RESOURCE ASSOCIATES: DIAMOND DRILL LOG. PROPERTY: HUNTER MINE HOLE NUMBER: H-2

FOOTAGE	DESCRIPTION OF CORE	SAMPLE NUMBER	ASSAYS	
296	METASEDIMENTS: Well-layered to streaky or laminated; some mullioning and orthogonal cleavages in addition to the bedding; some intercalated coarser-grained material (greywacke?). Layering generally at 40° to ca; some chloritic alteration. Good cleavage at 343'. 320-323: Severe alteration			
367	TALC SCHIST-STEATITE: contacts sheared at 40° to ca; massive by 400'; layered by 408' and brecciated at 447'.			
450	METASEDIMENTS: Black to grey and green, layered at 45° to ca. 462-557': Greywacke: light grey, coarsely banded clastic 50° to ca 551': 1" quartzose layer at 70° to ca 557-565': Quartzose alteration zone, 20% quartz as irregular veins and streaks. 565-596': Metasediments, probably argillites, at 40-60° to ca but locally to 10° 580': 6" QV at 90° 587': 18" QV at 90° 597-656': Greywacke, locally argillaceous, nearly massive at the top, but becoming better layered with depth 648': 18" QV; banding in rock at 5-10° 649-654': Quartzose alteration zone with irregular QV's of 18", 3" and 3" at 90° to ca 654-656': Subgreywacke or argillite, layered at 10-20° to ca			
656	END OF HOLE			

John L. Kirwan
January 30, 1986

LOCATIONS: On 1985 Geophysical Grid:
H-1- 5+03S 3+95W;
H-2- 5+00S 4+00W.
On Mine Grid: 9750N, 5250W (H-2) or 5245W (H-1)
Both are on claim 10272

DIAMOND DRILL HOLES
H-1
H-2



QAZ= Quartz-bearing zone or severe alteration zone.

SECTION

Showing Lithologies Along Diamond Drill Holes H-1 and H-2,of 1985, Hunter Mine Property of Wabigoon Resources Limited, Claim 10272, Whitney Twp., Ontario

SCALE, 100'=1"
0 ←----------→ 100
feet

Earth Resource Associates
P.O. BOX 2150, TIMMINS, ONTARIO, P4N 7X8 CANADA

DIAMOND DRILL LOG

WABIGOON RESOURCES LIMITED

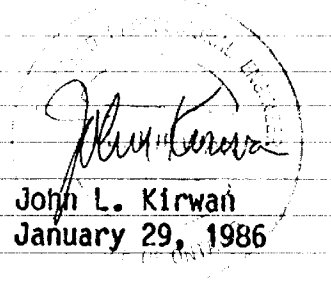
PROPERTY HUNTER MINE
HOLE NUMBER H-3
GRID REFERENCE 4+25S 2+40W 1985 GRID
TOWNSHIP WHITNEY CLAIM 10272
AZIMUTH 105° DIP ANGLE -45

DRILLING COMPANY NOREX FOREMAN A.Gagnon DIP TESTS: 100'=44°; 200'=43°; 300'=43°; 400'=42°
CORE SIZE BQ CORE STORED AT: Minesite LOGGED BY J.L.Kirwan DATE Oct. 31, 1985

FOOTAGE	PRELIMINARY LOG DESCRIPTION OF CORE	SAMPLE NUMBER	ASSAYS	
0	CASING			
10	ALTERATION ZONE- Streaky, chloritic, green and grey quartz-ankerite (epidote) rock with banging at 60-70° to core axis;			
	from 21 to 45' about 10% free quartz as veinlets;			
	from 45 to 47' about 5% free quartz as veinlets			
	from 47 to 67' silicification with banding at 40° to ca, about 1% cubic py			
	from 60-62': Quartz-rich alteration zone			
	64-66': Breccia			
	70-73': about 10% quartz as veinlets and streaks			
	83-86': bleached zone, layered at 70° to ca			
	88-90': oxidized zone, layered at 70° to ca			
	a few thin QV's at 108': layered at 80° to ca			
	124-126': Quartzose alteration zone: veinlets and stringers abt 10%			
	149--164: Quartzose alteration zone: about 15% veinlets and stringers.			
	146: layering sub-parallel to ca (abt 10°)			
164	TALC SCHIST- Beginning as well-layered kinked dark grey layered rock (argillite?) then becoming well-banded, talcose, layered at 65° to ca which, by 167 becomes highly talcose, kinked, crenulated at 50-80° to ca. Massive steatite by 186'			
200	METASEDIMENTS- Well-banded, with talcose sections, layered at 70-80° to ca			
223	TALC SCHIST- STEATITE; layered at 70-80° to ca.			
252	METASEDIMENTS- Massive to slightly slaty dark grey layered metasediment at 45-70° to ca			
	296: 6" quartz zone.			
	ALTERATION ZONE, 315-345' developed in metasediments; 323-333', 50° to ca.			
	333-345, fractured, mylonized			
	345-361: Banded metasediments, 70° to ca; sub-parallel cleavage with probable orientation at 090° dipping steeply south.			
	361-379: Greywacke, banded at 70° to ca			
	366'- 1" quartzose zone			

EARTH RESOURCE ASSOCIATES: DIAMOND DRILL LOG. PROPERTY: HUNTER HOLE NUMBER: H-3

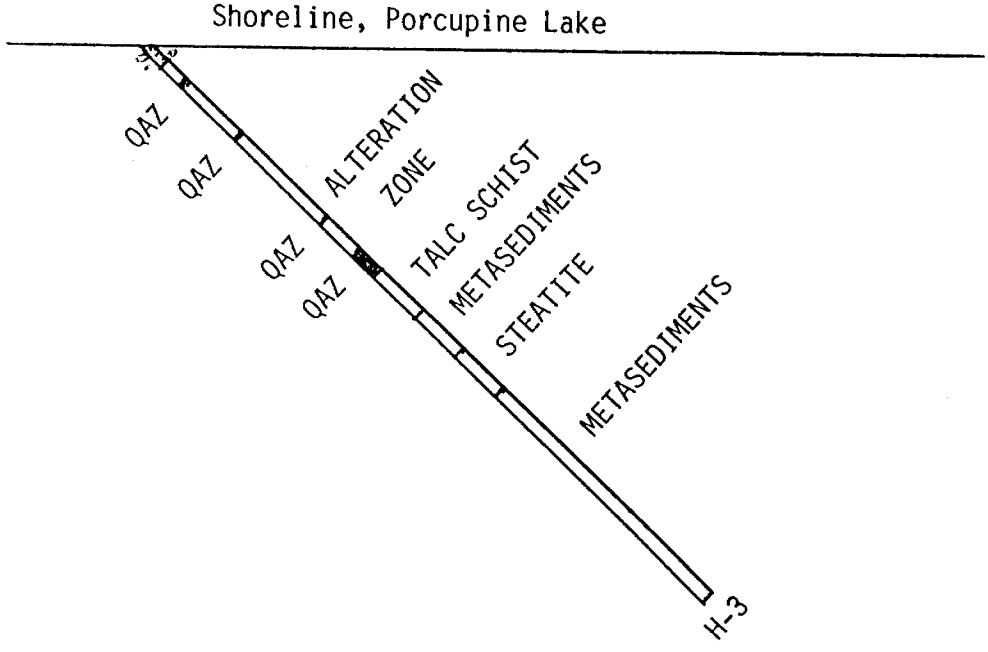
FOOTAGE	DESCRIPTION OF CORE	SAMPLE NUMBER	ASSAYS	
	379-406: Argillite: black, well-layered, locally graphitic; crenulated sections. Layering is 50-70° to ca			
	391: 15" section containing about 40% quartz as veinlets and streaks.			
406	END OF HOLE			



John L. Kirwan
January 29, 1986

LOCATION: On 1985 Geophysical Grid,
4+25S 2+40W.
On Mine Grid: 9850N 5105W
On Claim 10272, on shoreline of Porcupine Lake

DIAMOND DRILL HOLE H-3



WEST PLANE OF SECTION, 105° EAST

QAZ= Quartz-bearing zone or severe alteration zone

SECTION

Showing Lithology Along
Diamond Drill Hole H-3
of 1985, Hunter Mine Property,
Wabigoon Resources Limited,
Claim 10272,
Whitney Township, Ontario

SCALE, 100 feet equals 1 inch.

0 ⊢----------⊣ 100
feet

Earth Resource Associates
P.O. BOX 2150, TIMMINS, ONTARIO, P4N 7X8 CANADA

DIAMOND DRILL LOG

WABIGOON RESOURCES LIMITED

PROPERTY HUNTER MINE
HOLE NUMBER H-4
GRID REFERENCE 3+30S, 2+60W 1985 GRID
TOWNSHIP WHITNEY CLAIM 10272
AZIMUTH 105° DIP ANGLE -45°

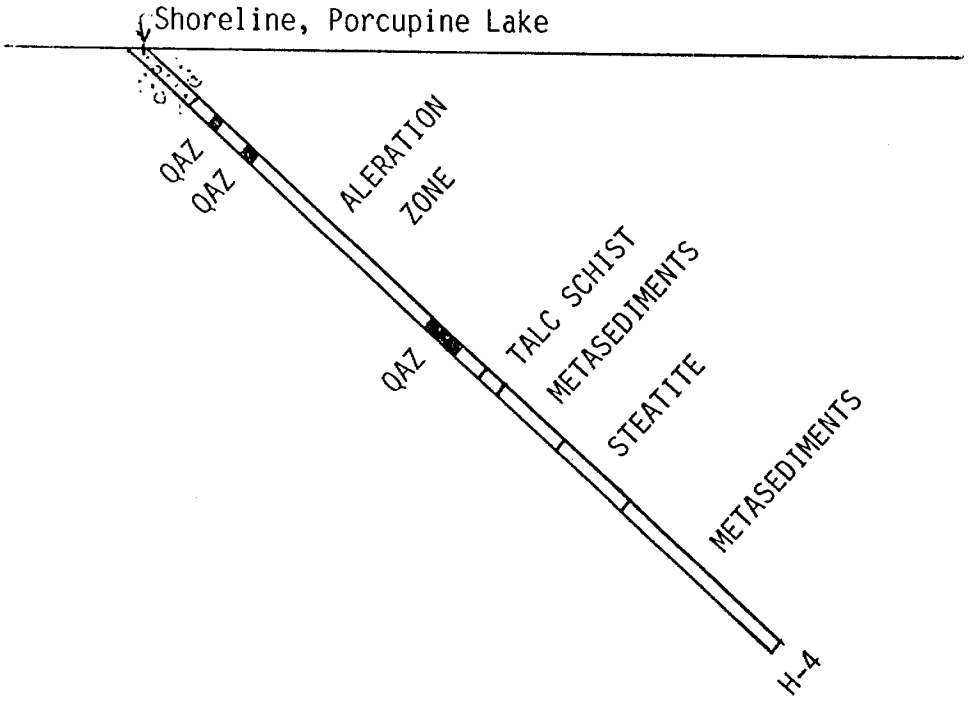
DRILLING COMPANY NOREX FOREMAN A. Gagnon DIP TESTS: 100'=40°; 200'=41°; 300'=43°; 400'=43°
CORE SIZE BQ CORE STORED AT: Minesite LOGGED BY J.L.Kirwan DATE Oct. 31, 1985

FOOTAGE	PRELIMINARY LOG / DESCRIPTION OF CORE	SAMPLE NUMBER	ASSAYS	
0	CASING			
35	ALTERATION ZONE- Streaky, banded, green and grey quartz-ankerite (chlorite, epidote) rock with banding at 60-70° to core axis.			
	37' - 1" quartz zone			
	41' - 1" beige aphanitic dike (porcellanite)			
	50-56': Quartzose alteration zone			
	73-75': Quartzose alteration zone			
	77-81': Quartzose alteration zone.			
	93-108': Breccia zone			
	Well-layered at 70-80° to ca after 108, still very altered (epidote)			
	Somewhat bleached after 124'			
	169' : 12" quartzose alteration zone			
	203-206: Quartzose alteration, brecciation, about 15% free quartz as veins			
	208-228: Quartzose alteration zone, about 5% quartz, up to 2% pyrite			
	Unidentified lurid green mineral at 218			
246	TALC SCHIST- Dark grey to black talc-carbonate rock, well-developed schistosity at 60°			
258	METASEDIMENTS- Greenish grey, well-layered (almost slaty), about ½% pyrite			
300	STEATITE and talc schist: dark green to black			
343	METASEDIMENTS- Greywacke: massive to slaty with pyrite on slaty cleavage at 75° to ca.			
	Contains intersecting cleavage along axis of core which would			
	have a true orientation in the field of about 080° dipping			
	steeply to the south.			
	Argillite by 409 with good layering at 60-70° to ca; intersecting			
	cleavage may have orientation of about 125°, with steep S dip.			
	449': 4" irregular QV			
	454': 2" irregular quartz vein.			
456	END OF HOLE			

John L. Kirwan

LOCATION: On 1985 Geophysical Grid:
3+30S 2+60W.
On Mine Grid: 9950N 5150W
On Claim 14052 on shoreline with Porcupine Lake.

DIAMOND DRILL HOLE
H- 4



WEST PLANE OF SECTION, 105° EAST

QAZ= Quartz-bearing zone or severe alteratiob zone

SECTION

Showing Lithology along DDH H-4 of 1985, Claim 14052, Whitney Twp., Ontario

HUNTER MINE PROPERTY

WABIGOON RESOURCES LIMITED

Scale: 100 feet to 1 inch

0 ⊢----------+ 100 feet

Earth Resource Associates
P.O. BOX 2150, TIMMINS, ONTARIO, P4N 7X8 CANADA

DIAMOND DRILL LOG

WABIGOON RESOURCES LIMITED

PROPERTY HUNTER MINE
HOLE NUMBER H-5
GRID REFERENCE 2+38S 2+00W 1985 GRID
TOWNSHIP WHITNEY CLAIM 10272
AZIMUTH 105° DIP ANGLE -45

DRILLING COMPANY NOREX FOREMAN A.Gagnon DIP TESTS: 0'=47°; 100'=48°; 200'=47°; 300'=46°; 400'=47
Note: Actual inclination at 0'measured 45°
CORE SIZE BQ CORE STORED AT: Minesite LOGGED BY J.L.Kirwan DATE Oct. 31, 1985

FOOTAGE	PRELIMINARY LOG DESCRIPTION OF CORE Log contains some material from the complete log of A.Brooks	SAMPLE NUMBER	ASSAYS
0	CASING		
10	CHERT vfg assemblage of quartz, with minor feldspar and pyrite		
11.5	ALTERATION ZONE: Streaky, well-banded green and grey layering at about 70° to ca.		
	The rock is a quartz-ankerite (feldspar, epidote, chlorite) schist.		
	50-52 Irregular Quartz (ankerite-Tourmaline) Vein.		
	61- Rusty Zone; 1" QV @ 10° to ca		
	68- QV ½" @ 10°		
	69-83- Quartz Ankerite Breccia		
	Chloritic Quartz-Ankerite Schist, less strongly sheared than above	90-91.5	.01
	101- ½" QV @ 45° to ca	91.3-96	.01
	105- ½" QV @ 45° to ca	115-120	.01
	114- 3" Qtz-Ankerite vein parallel to schistosity	151-154	.01
	124- 1" Qtz-Tourmaline str cutting shearing; 70° to ca; py		
	151-154- becoming silicified, less schistosity.		
154.3	QUARTZ FELDSPAR PORPHYRY; dark grey with small quartz eyes; upper contact @ 50° to ca.	154-157	.01
	157- A few QV's	158-161	.01
161.4	ALTERATION ZONE: Quartz-Ankerite Chlorite Schist, sheared at 75° to ca	164-168	.02
	169- Quartz-tourmaline veinlet ½" @ 65° to ca	169-172	.01
	170-180-Several Qtz-Tour veins at about 50° to ca	172-175	.01
	184- Fuschite on shear planes	175-176	.03
	Sericitic Quartz Ankerite Schist: carbonatized, silicified; 70-80° to ca.	179-181	.01
	207, 223, 243: rusty zones . Rock is less sericitic below 204.	207-210	.01
	204, 213, 215, 225, 227, 229: QV's approx 2" at 50° to ca	218-221	.01
	Quartz Ankerite Rock; silicified zone 241' (6"); some fuschite at 239'		
259	TALC SCHIST: Talc-carbonate rock, dk grey to black, layered to schistose 60-65° to ca	263-268	.01
	267- 1' layer of lt grey banded rock. possib. Greywacke		
	Talc schist becomes less schistose, less talcose towards bottom, 70° ca	268-270	.01

EARTH RESOURCE ASSOCIATES: DIAMOND DRILL LOG. PROPERTY: HUNTER HOLE NUMBER: H- 5

FOOTAGE	DESCRIPTION OF CORE	SAMPLE NUMBER	ASSAYS	
270.8	METASEDIMENTS: Greenish grey layered rock at 75° to ca, weakly pyritiferous, layering more pronounced with depth; by 290 feet may be argillite. Locally talcose. Silicified, 272-299'; layered @ 80-90° to ca. 304-312' Highly "S" contorted beds.			
330	STEATITE- Highly talcose, dark green to black, locally layered at 60-70° to ca; Some carbonate layers. 338- 1" QV 389- ½" brown quartz veinlet @ 50° 390-410' Shearing at 45-50° to ca			
410	METASEDIMENTS- Argillite. Well-layered at 40° to ca. Possible tops up hole at 420.3'; 422-426' "S" folds 423-435' Intense folding at 0-90° to ca 445-455' Silicification, sericitization, bleaching; banding 30° (upper) to 55° 445-447' Irreg, discontinuous, brecciated quartz veins with tr po, py.			
455	END OF HOLE			

Original Preliminary Logging by J.L.Kirwan, October 31, November 1 and 2, 1985; final logging by Arden Brooks, December, 1985.

John L. Kirwan,
January 27, 1986

LOCATIONS: On 1985 Geophysical Grid: 2+38S, 2+00W

On Mine Grid: 10050N, 5120W

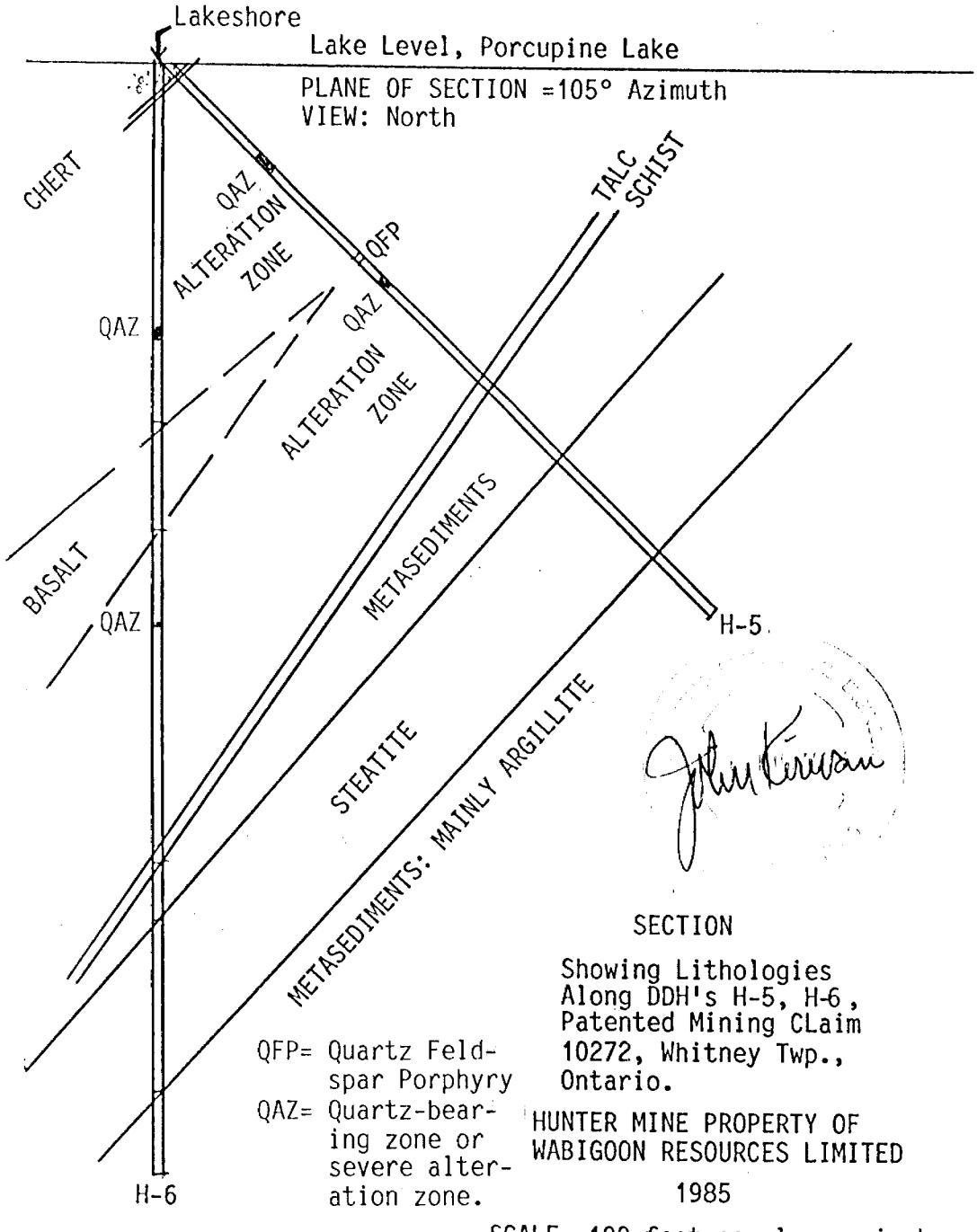
On Claim 10272: on W boundary (Lakeshore)

DIAMOND DRILL HOLES

H-5

H-6

1985



SECTION

Showing Lithologies Along DDH's H-5, H-6, Patented Mining CLaim 10272, Whitney Twp., Ontario.

QFP= Quartz Feldspar Porphyry

QAZ= Quartz-bearing zone or severe alteration zone.

HUNTER MINE PROPERTY OF WABIGOON RESOURCES LIMITED

1985

SCALE, 100 feet equals one inch.

0 ⊢----------⊣ 100 feet

Earth Resource Associates
P.O. BOX 2150, TIMMINS, ONTARIO, P4N 7X8 CANADA

DIAMOND DRILL LOG

WABIGOON RESOURCES LIMITED

PROPERTY HUNTER MINE
HOLE NUMBER H-6
GRID REFERENCE 2+39S 2+05W 1985 GRID
TOWNSHIP WHITNEY CLAIM 10272
AZIMUTH DIP ANGLE -90°

DRILLING COMPANY NOREX FOREMAN A.Gagnon DIP TESTS: 100'=88°; 200'=88°; 300'=88°; 400'=87° 500'=86°
CORE SIZE BQ CORE STORED AT: Minesite LOGGED BY J.L.Kirwan DATE Nov.3, 1985

FOOTAGE	PRELIMINARY LOG — DESCRIPTION OF CORE — Contains some data derived from log of A.Brooks, December, 1985	SAMPLE NUMBER	ASSAYS
0	CASING		
10	CHERT; Sedimentary layer or zone of silicification. vfg assemblage of Qtz, some carb. Lower contact @ 25° to ca		
12.5	ALTERATION ZONE: Sericitic Quartz-Ankerite Schist; Well-banded green and light grey zone, banding at 60° to ca		
	15'- Qtz Str; contacts at 15/55° to ca		
	20'- Qtz Str; contacts at 40/65° to ca		
	23; 38; 40'- rusty weathered zones, 40-65° to ca		
	31-40'- thin, talc-filled fractures, 35-55° to ca		
	41'- brown qtz veinlets cutting schistosity; 50° to ca		
	50,52'- Quartz tourmaline veins		
	Alteration becomes more intense by 60'; local silicification; rusty fault zones present, with reorientation of schistosity to 35-40° to ca.		
	Chloritic quartz ankerite schist by 94' 50° to ca		
	94-96'- Bleached areas		
	97'- ½" qtz-ank str 5° to ca ; silicification at 100'		
	100-120- sericitized, v. weak pyrite mineralization		
	135'- bleached		
	137-144'- weakly talcose		
139	QUARTZ FELDSPAR PORPHYRY- very thin unit abt 1% py		
140.3	ALTERATION ZONE: some fuschite present on shear planes		
	149'- 1' zone intensely sheared, silicified, brecciated; some brown qtz		
	Quartz Ankerite Breccia, 75° to ca		
	157'- 4" layer of quartz feldspar porphyry.		
	Quartz Ankerite Tourmaline Schist from 158'; 40° to ca		
	Sericite ankerite schist from 159.5; some fuschite from 165-175		
	169.5'- 1" seam pyrite		
	170-180'- Bedding crenulated with fractures at 70° to ca		

EARTH RESOURCE ASSOCIATES: DIAMOND DRILL LOG. PROPERTY: HUNTER MINE HOLE NUMBER: H-6

FOOTAGE	DESCRIPTION OF CORE	SAMPLE NUMBER	ASSAYS	
	186-198'- Brecciated			
	192½- ¼" brown qtz str 30° to banding			
	198'- Talc-filled slip or fault			
	198-206'-Silicified zone;			
	206½'- Brown quartz stringer; seam of sphalerite in grey str.			
207	BASALT: Fairly massive green to grey zone finely banded at 55° to ca; local brecciation and occasional talc-chlorite seams. From 230 becomes light colored and massive, perhaps porcellanite alteration.			
	270-275'= Flow Breccia, then silicified section			
275	ALTERATION ZONE: Quartz Ankerite Rock: Medium greenish color, average banding at 45° to ca Total carbonate alteration and considerable replacement; some local silicification. Quartz veining from 303-310 and 316-323'			
	323-326'- Brecciation			
	373-460'- occas. thin talc seams			
	402,407'- QV's			
462	TALC SCHIST: Silicified fuschitic schist, possibly metagreywacke; 5% disseminated pyrite			
468	METASEDIMENTS- Well layered dark grey argillites or tuffs, banding at 50-60°, 50° commonest abundantly carbonatized, both pervasively and in numerous stringers.			
	Chloritic towards 500'; crenulated by 503.			
503	STEATITE: Solid talc, weakly schistose at 50°, suggestion of mullioning (gouge); graphitic material towards bottom.			
603	METASEDIMENTS: Well-layered argillite with graphite along shear planes or interbed layers;			
	Intercalated with minor siltstone showing excellent graded bedding with tops upwards.			
	620-634: Silicification, sericitization, bleaching, 35-40° to ca			
	640-642½- Weak vein system at 70/50° to ca; pervasive graphite (mo?)			
	643' - Extremely contorted; cross faulting; bedding is 65-70° to ca			
656	END OF HOLE			

Original preliminary logging by J.L.Kirwan, Nov. 1-3, 1985; subsequent log by A.Brooks, December, 1985-January, 1986; this log derived from both sources.

John L. Kirwan, January 28, 1986

LOCATIONS: On 1985 Geophysical Grid: 2+38S, 2+00W

On Mine Grid: 10050N, 5120W

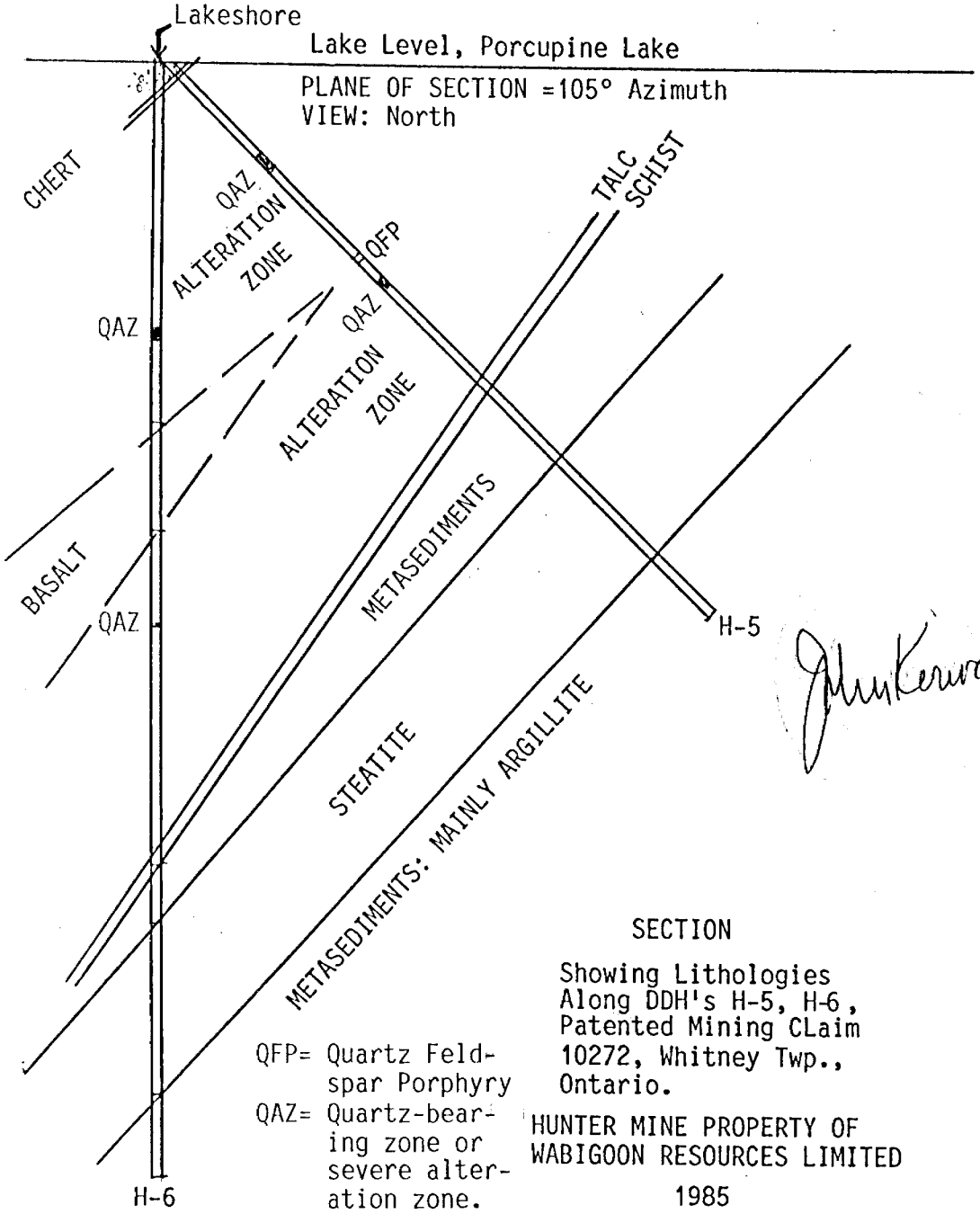
On Claim 10272: on W boundary (Lakeshore)

DIAMOND DRILL HOLES

H-5

H-6

1985



SECTION

Showing Lithologies Along DDH's H-5, H-6, Patented Mining CLaim 10272, Whitney Twp., Ontario.

QFP= Quartz Feldspar Porphyry

QAZ= Quartz-bearing zone or severe alteration zone.

HUNTER MINE PROPERTY OF WABIGOON RESOURCES LIMITED

1985

SCALE, 100 feet equals one inch.

0 ←----------→ 100 feet

Earth Resource Associates
P.O. BOX 2150, TIMMINS, ONTARIO, P4N 7X8 CANADA

DIAMOND DRILL LOG

WABIGOON RESOURCES LIMITED

PROPERTY HUNTER MINE
HOLE NUMBER H-7
GRID REFERENCE 5+85S 4+70W 1985 GRID
TOWNSHIP WHITNEY CLAIM 10272
AZIMUTH 105° DIP ANGLE -45°

DRILLING COMPANY NOREX FOREMAN A.Gagnon DIP TESTS: 100'=49½°; 200'=48°; 300'=45°; 378'=44°
CORE SIZE BQ CORE STORED AT: Minesite LOGGED BY J.L.Kirwan DATE Jan. 30, 1986

FOOTAGE	PRELIMINARY LOG — DESCRIPTION OF CORE	SAMPLE NUMBER	ASSAYS	
0	CASING			
20	ALTERATION ZONE: Crenulated, layered to laminated, brecciated, grey to greenish grey Quartz-Feldspar-Carbonate-chlorite rock, perhaps derived (in the laminated sections) from argillites. Banding at 60-80° to core axis.			
	68-73: Porcellanite breccia: bleached, silicified; fine veinlets of black material cutting laminae			
	20-26: Several quartz veins, 1-3" in size at 10-50° to core axis			
	36-38: the same			
	41: QV ¼"			
	54-60: Zone containing quartz veins.			
	below 73': More massive material, possibly derived from intermediate volcanic, for example, andesite at 91 feet.			
	79-118: Gradual change from dominantly grey colored to green material with well-developed laminations at 60-75° to core axis.			
	104: Pyrite seam, ¼"			
	116-118: A few quartz veins			
	130-132: Silicified zone with blurred 1" QV in core			
	137: ½" QV at 60° to ca			
	142: 1" QV at 15°			
	150½: ½" QV at 50°			
	167: ½" U-shaped QV			
	by 183: Laminations (av. angle = 70°) give way to chaotic banding			
	197: 1" QV			
	201-208: Severe alteration, silicification, quartz veins			
	214: 3" Quartz carbonate vein			
	220 onwards: Local silicifiaation; crosscutting thin black veinlets.			
242	METASEDIMENTS: Green-laminated alteration zone grades into grey material, otherwise identical. Probably meta-argillite.			

EARTH RESOURCE ASSOCIATES: DIAMOND DRILL LOG. PROPERTY: HUNTER MINE HOLE NUMBER: H-7

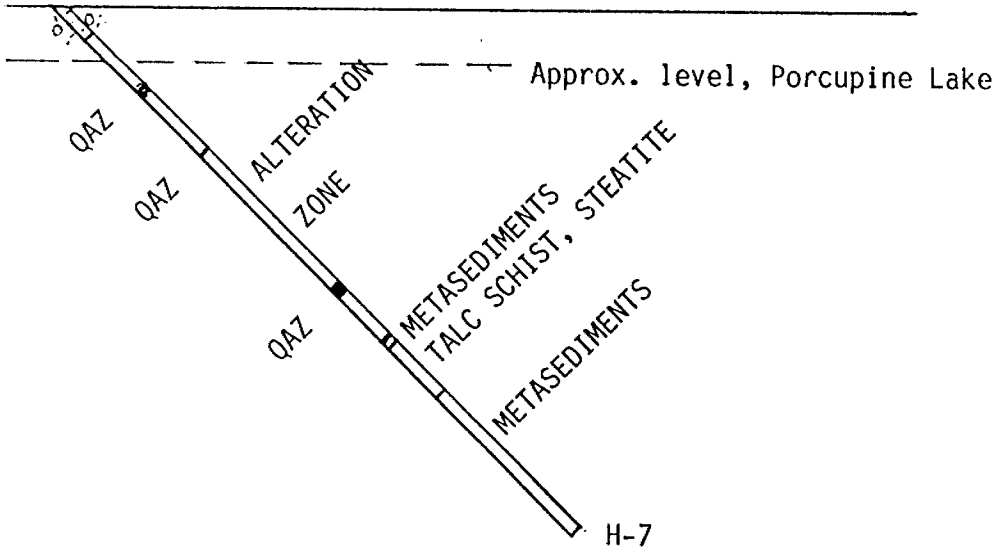
FOOTAGE	DESCRIPTION OF CORE	SAMPLE NUMBER	ASSAYS	
248	TALC SCHIST-STEATITE: In gradational contact with metasediments: the layering becomes selectively more talcose, but visually the rock is still the same, laminated grey to black metasediment with layering at 40-80°			
	by 263' the rock becomes massive steatite			
280	METASEDIMENTS: Grey to black laminated material (argillite) banded at 40-50° to core axis. at 288-290, 294-296, and at 299-300 and elsewhere are light colored (bleached and silicified?) zones.			
	by 300' banding is at 75-85° to core axis			
	after 336' rocks become more massive, lighter in color, clastic (Greywacke) layering is at 50° to ca			
378	END OF HOLE			

J. L. KIRWAN

John L. Kirwan
February 4, 1986

LOCATION: On 1975 Geophysical Grid, 5+85S 4+70W
On Mine Grid: 9650N 5280W

DIAMOND DRILL HOLE H-7



WEST PLANE OF SECTION, 105° AZIMUTH EAST

CLAIM 10272

SCALE
0 ---------- 100
feet

QAZ= Quartz-bearing zone or zone of severe alteration

GEOLOGICAL SECTION
ALONG DDH H-7
HUNTER MINE PROPERTY
WABIGOON RESOURCES LIMITED
WHITNEY TOWNSHIP, ONTARIO

Scale, 100 feet equals 1 inch.

Earth Resource Associates
P.O. BOX 2150, TIMMINS, ONTARIO, P4N 7X8 CANADA

DIAMOND DRILL LOG

WABIGOON RESOURCES LIMITED

PROPERTY HUNTER MINE
HOLE NUMBER H-8
GRID REFERENCE 13+00N, 1+00W 1985 GRID
TOWNSHIP WHITNEY CLAIM 14052
AZIMUTH 105° DIP ANGLE -45°

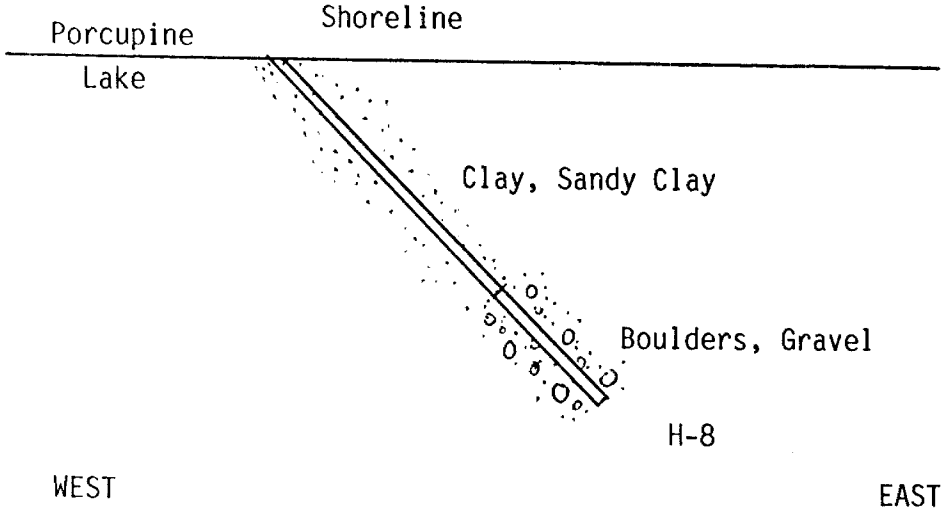
DRILLING COMPANY NOREX FOREMAN A.Gagnon DIP TESTS: None
CORE SIZE AQ & BQ Cas CORE STORED AT: LOGGED BY J.L.Kirwan DATE Nov 15, 1985

FOOTAGE	DESCRIPTION OF CORE	SAMPLE NUMBER	ASSAYS	
0	CASING - The casing penetrated 246 feet of overburden consisting of clay for the first 170 feet, followed by boulders up to 2 feet in size and consisting of pink granite, basic lava, and one small cobble of fossiliferous limestone. The boulders ranged in size up to 20 inches, commonly in the 12 to 18 inch class.			
	- The casing, which started as N, was tapered through B to A. At 246 feet it was found to be too difficult to continue without danger of breaking the casing.			
246	END OF HOLE			
	HOLE LOCATION: At edge of Bannerman Park in the Town of Porcupine at the edge of Porcupine Lake. This point is approximately 275 feet south and 100 feet west of the NE corner point of Lot 10, Concession III, Whitney Township, Ontario.			

John L. Kirwan
January 28, 1986

LOCATION: On shore of Porcupine Lake at Bannerman Park, Porcupine;
Approx. 275'S and 100'W of NE corner of Lot 10, Con. III, Whitney Township, Ont.
On 1985 Geophysical Grid, 13+00N, 1+00W

DIAMOND DRILL HOLE H-8



PLANE OF SECTION, 105° Azimuth
VIEW: North

CLAIM ; 14052

SCALE
0 ⊢----------⊣ 100
feet.

GEOLOGICAL SECTION
ALONG DDH H-8
HUNTER MINE PROPERTY,
WABIGOON RESOURCES LIMITED,
WHITNEY TOWNSHIP, ONTARIO

SCALE: 100 Feet = 1 Inch

DATE: Of Drill Hole, November 8-15, 1985, Logged November 15, 1985

Earth Resource Associates
P.O. BOX 2150, TIMMINS, ONTARIO, P4N 7X8 CANADA

DIAMOND DRILL LOG

WABIGOON RESOURCES LIMITED

PROPERTY HUNTER MINE
HOLE NUMBER U-1
GRID REFERENCE Underground, First Level, 281 X-Cut at Station 128
TOWNSHIP Whitney CLAIM HR 1009
AZIMUTH 122° DIP ANGLE -85°

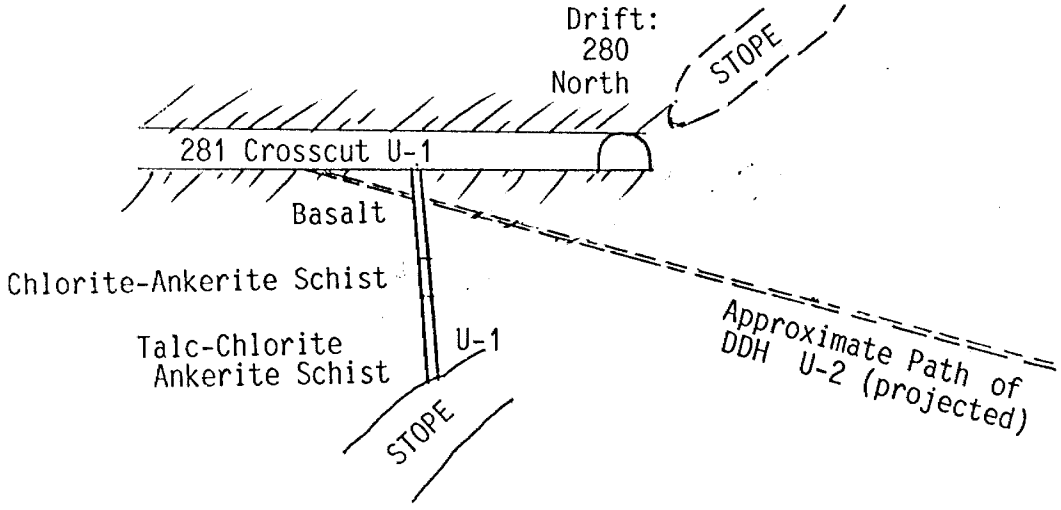
DRILLING COMPANY Morrissette FOREMAN C.M DIP TESTS:
CORE SIZE EXK CORE STORED AT: Consumed in Assay LOGGED BY Arden Brooks DATE Dec. 13, 1985

FOOTAGE	SUMMARY LOG — DESCRIPTION OF CORE — Summary prepared by J.L.Kirwan	SAMPLE NUMBER	ASSAYS	
0	CASING		Au	
2	ALTERATION ZONE			
	a. Metabasalt: dark green to black, intensely contorted & fractured with tight 'isoclinal' folding; silica and carbonate bands less than ¼" wide; 5.3-22': fine chlorite-filled fractures at 35-50° to core axis			
	22.7-23.3: Intermediate to mafic intrusive: medium to dark green at centre, fine grained pinkish grey chilled maegins; contacts at 55 & 75° to ca; about 1% dissem. pyrite.	24.5-26	0.002	
	17.3': ½" pyrite seam.			
23.3	b. Chlorite ankerite schist: weakly talcose, trace of pyrite, well banded at 75-85°			
	24.5-32': Silicified zone, 1% dissem. pyrite, 1" qtz str at 55° to ca at 24.5; 26.5, ¼" stringer with chalcopyrite			
	29.5-29.9: black, chlorite-rich section, ½% dissem. pyrite.			
	27.2-27.7: weakly brecciated silica vein, 1-2% dissem. pyrite			
	28.7-29.5: the same; 29.9-32': quartz-tourmaline veining (abt 60%) ½% dissem. pyrite. 31,25: unknown black matallic mineral with black streak, as wispy seams.			
32.0	c. Talc-chlorite-Ankerite Schist: medium green with dark talc-chlorite alteration, and light colored seams of ankerite and silica; shearing at 80-90°; trace of pyrite throughout.			
	33.6-33.8" 4" barren white quartz-ankerite-talc vein at 80-85° to ca	Entire hole assayed; Above assay is highest value returned: all others "trace".		
	34.5-38.1': silica vein, weakly brecciates, minor py; contacts 85°/55°			
	38.75-39': Buff mineral forming vein at 75° to ca, chilled margins. Same at 40.2 (½"); 42 (1") and 42.5-42.8.			
	40.5-43': talc-filled fractures at 80° to ca in S-folds between fracts.			
	43.25-43.9: Quartz-ankerite-talc vein at 75°/35° to ca			
	43.9-45': talc filled fractures at 35-50° to ca.			
56.0	END OF HOLE Stope breakthrough.			

P.A.P. 8451

LOCATION: 281 Crosscut, First Level (-225 feet), at station 128, Hunter Mine, Claim HR1009, Whitney Township, Ontario

DIAMOND DRILL HOLE U-1



WEST PLANE OF SECTION, 122° AZIMUTH EAST

SCALE:

0 ---------- 50

Feet

50 feet to 1 inch

GEOLOGICAL SECTION
ALONG DDH U-1,
HUNTER MINE PROPERTY,
WABIGOON RESOURCES LIMITED,
WHITNEY TOWNSHIP, ONTARIO

DATE OF DRILL HOLE, DECEMBER, 1985
LOGGED BY ARDEN BROOKS

Earth Resource Associates
P.O. BOX 2150, TIMMINS, ONTARIO, P4N 7X8 CANADA

DIAMOND DRILL LOG

WABIGOON RESOURCES LIMITED

PROPERTY HUNTER MINE
HOLE NUMBER U-2
GRID REFERENCE Underground, First Level, 281 X-Cut at Station 129
TOWNSHIP Whitney CLAIM HR1009
AZIMUTH 105° DIP ANGLE -15°

DRILLING COMPANY Morrissette FOREMAN C.A. DIP TESTS:
CORE SIZE EXK CORE STORED AT: Consumed in Assay LOGGED BY Arden Brooks DATE January 13. 1986

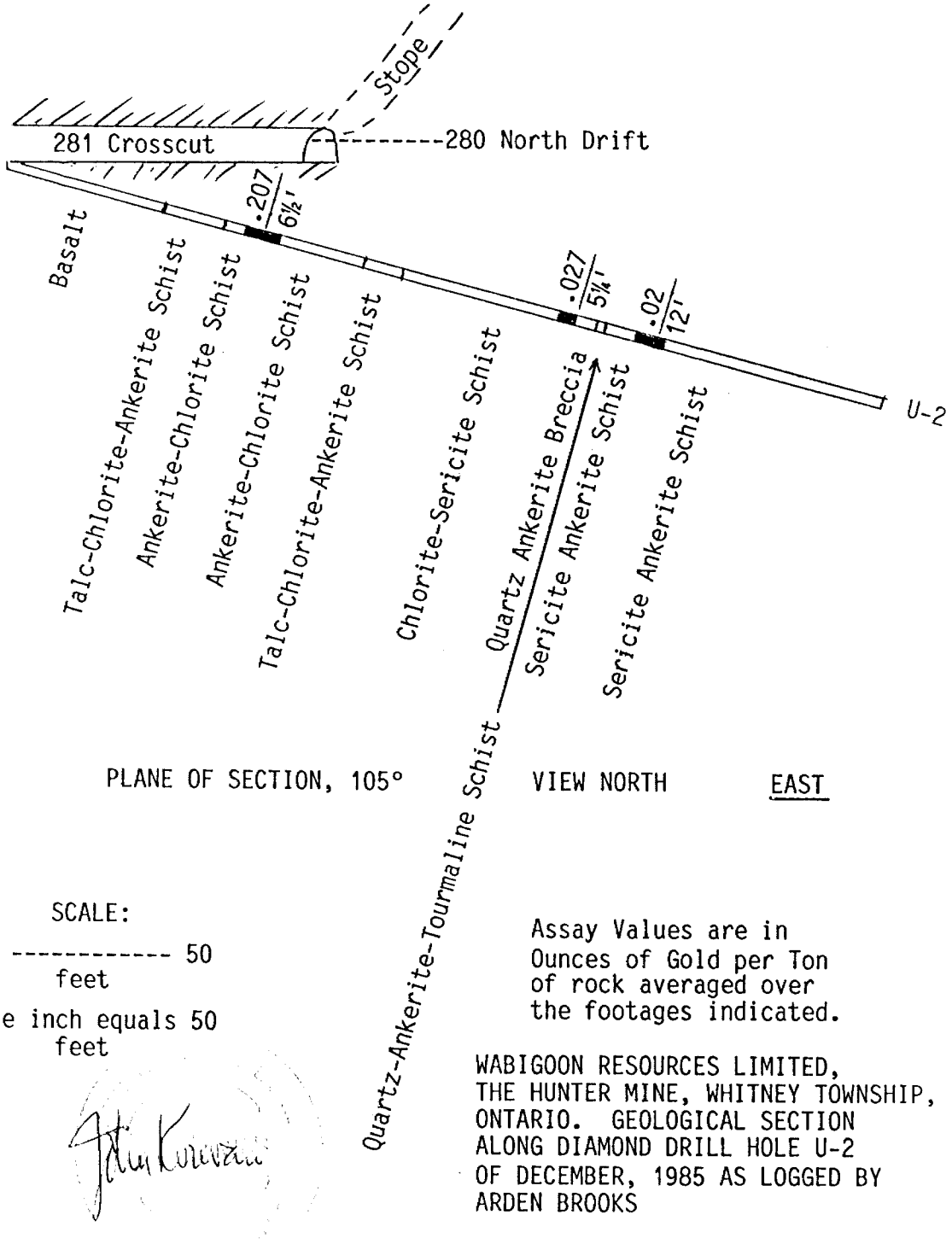
FOOTAGE	SUMMARY LOG — DESCRIPTION OF CORE — Summary Prepared by J.L.Kirwan	SAMPLE NUMBER	ASSAYS	
0	CASING			
0	ALTERATION ZONE:	Footage	Au oz/t	
	a. Basalt (Ultramafic?): massive to weakly sheared, dark green; shearing at 65° to core axis. Talcose with weak ankerite veinlets parallel to schistos. Trace pyrite			
	0.5-2.5' : Lost core			
	11.7-12' : Silica vein, contacts at 25°/65°; weakly silicified to 14'			
	19.1-34.5'; 36.1-37.9; 42.2-43.3': Silicified zones cut by calcite, 45° to ca			
49.3	b. Talc-Chlorite-Ankerite Schist: Medium green with dark talc-chlorite alteration & lighter zones of ankerite and silica; Shearing at 0-90° (folding); talc-filled fractures at 0-25° to ca.			
	56.75-60': silica-rich zone as irregular veinlets & stringers of quartz.			
67.25	b. Ankerite-Chlorite Schist: Very finely banded light grey-green with ankerite-chlorite-talc. Moderate shearing at 70-80° to core axis. Some talc cross veinlets.			
	68.3-59.2': 1" brown quartz vein at 25° to ca; 72.9-73.4: Quartz Breccia 55°;			
	74.2': 1" quartz stringer; 20°; 75.25-75.8': 3" & 1" white quartz stringers.	72.5-74	0.16	
	76.5': 2" brown quartz stringers in fragmented zone	74-75	0.04	
	76.75-77': Grey-white quartz vein at 60°; 78.25-79': Qtz Vein at 70°/50° ca.	75-76	0.03	
	79-86': Silicified; ½% pyrite; 83.3: Weak brecciation, 6"	76-76.5	0.01	
	86-87': Quartz-tourmaline vein at 40° to ca; about ½% disseminated pyrite	76.5-78¼	0.403	reassay
	88.25-88.8': brown QV at 25°; 88092': Silicified; 92.6-96': QV @ 60° to ca	78¼-79	0.421	reassay
	96-99': Lost Core	79-81	0.002	
	101.25-104.5': Quartz ankerite breccia; 105.1': 1" QV @ 35° to ca.			
110	d. Talc-Chlorite-Ankerite Schist; as above, some sections 90% talc; sheared at 50° to ca.			
	110.8': 2" quartz-talc stringer; 115-115.3': 2" brown QV (speck vg?)			
	115-115.6: silicified zone; 115.6-117.3: a few white QV ½" wide. Sh.60° ca.			
124.5	e. Chlorite-Sericite Schist: finely banded medium grey silica-ankerite rock @ 70° to ca			
	127.8': 2" silicified zone at 65°; 130.2-131.3: Quartz tourmaline breccia.			
	131.3-131.6': about 7% fuschite on shear planes.			

EARTH RESOURCE ASSOCIATES: DIAMOND DRILL LOG. PROPERTY: HOLE NUMBER: U-2

FOOTAGE	DESCRIPTION OF CORE	SAMPLE NUMBER	ASSAYS	
	148-148.8': Bleached, silicified, 3% disseminated pyrite			
	162-166.5': Bleached, silicified, pyritized. 163.6': Chert, 65° ca			
	163.75': ½" grey quartz stringer, 5% pyrite; 164-165.1': 70% quartz-	166½ 168½	.005	
	feldspar stringers in schistosity, ½% dissem. pyrite	168½-169½	nil	
	168.5-169.25': Bleached, silicified, pyritized; 169.25-174.5:	169½-171	.03	
	weak silicification; 172.6-173.4': intense silicificat-	171-172	.05	
	ion; 174-174.4: weaker silicification (ground core)	172-173½	.01	
174.5	f. Quartz-Ankerite Breccia: light medium brown intensely brecciated and altered with	173½-174½	.02	
	ankerite and silica and in-filled with black tourmaline seams.			
	Contacts at 55°/80°, quartz filling near top and bottom ends.			
	176-179.25': Quartz-Feldspar-Tourmaline Breccia, intensely silic-			
	ified & brecciated, no pyrite, about 5% chlorite.			
185.5	g. Quartz-Ankerite-Tourmaline Schist: Finely banded dark brown ankerite/quartz laminae;			
	contacts at 65-85° (schistosity).			
188	h. Sericite-Ankerite Schist: Silicification, sericitization and chloritization as laminae			
	at 70° to core axis. Overall yellow-green-brown color. A little	192-192½	.025	
	fuschite on upper contact together with about 1% brown tourmaline.	192½-196	.015	
	192.2':2" Quartz stringer with pyrite on contacts	196-201	.02	
	193-196': about 1% fuschite on shear planes; 107.8': 1" chert	201-204	.03	
	211.5; 215.75': 1" quartz stringers, trace of pyrite	204-206	lost	core
	246-251': Lost core	206-207½	.005	
251	END OF HOLE			
		231-236	.04	

LOCATION: Underground, Hunter Mine,
First Level, in 281 Crosscut
at station 129.
Mining Claim HR1006

DIAMOND DRILL HOLE U-2



WEST PLANE OF SECTION, 105° VIEW NORTH EAST

SCALE:

0 ---------- 50
feet

one inch equals 50
feet

Assay Values are in
Ounces of Gold per Ton
of rock averaged over
the footages indicated.

WABIGOON RESOURCES LIMITED,
THE HUNTER MINE, WHITNEY TOWNSHIP,
ONTARIO. GEOLOGICAL SECTION
ALONG DIAMOND DRILL HOLE U-2
OF DECEMBER, 1985 AS LOGGED BY
ARDEN BROOKS

Earth Resource Associates
P.O. BOX 2150, TIMMINS, ONTARIO, P4N 7X8 CANADA

DIAMOND DRILL LOG

WABIGOON RESOURCES LIMITED

PROPERTY HUNTER MINE
HOLE NUMBER U-3
GRID REFERENCE Underground, First Level, 283 X-Cut at Station 135
TOWNSHIP Whitney CLAIM HR1009
AZIMUTH 105° DIP ANGLE -85°

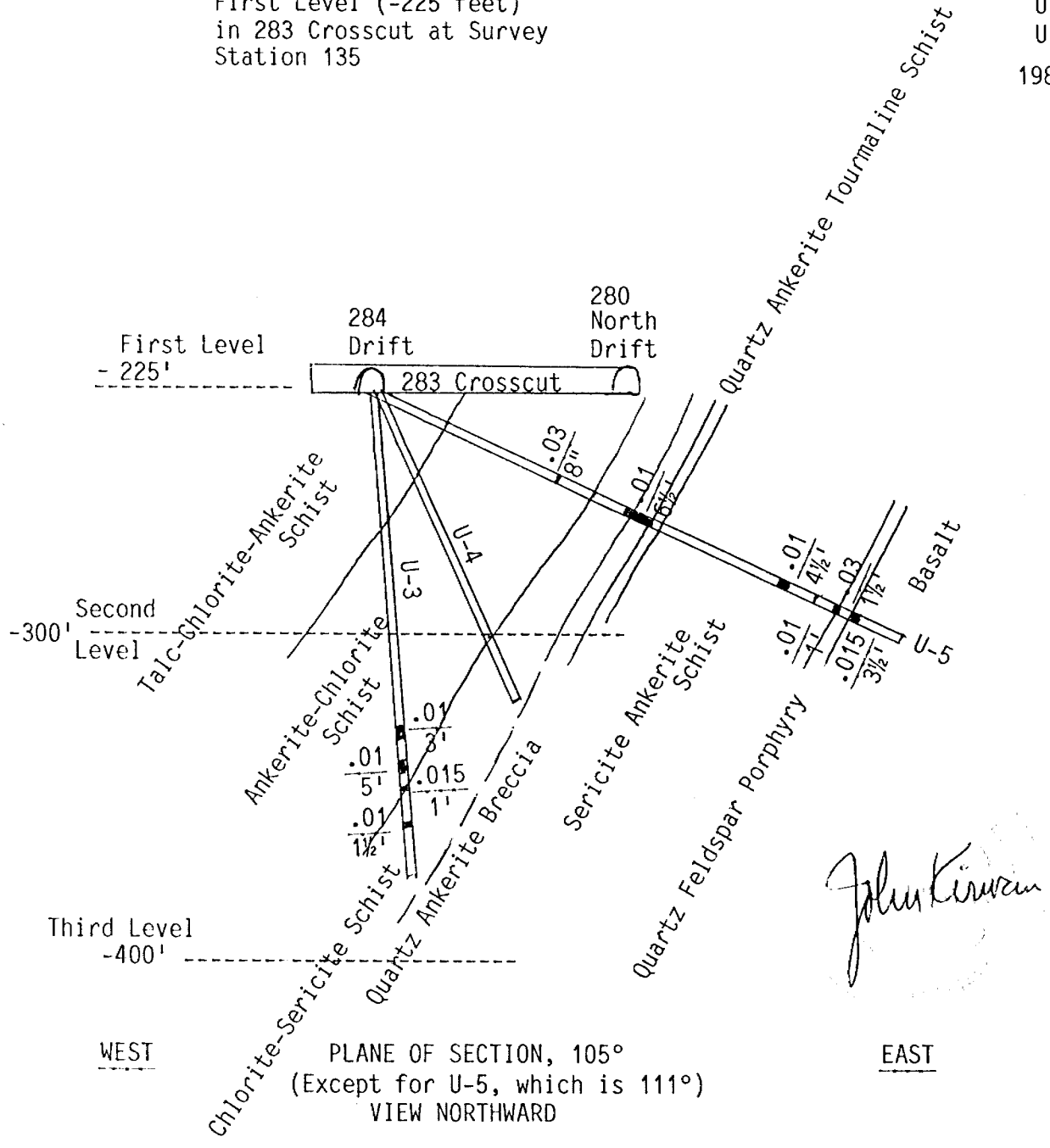
DRILLING COMPANY Morrissette FOREMAN C.A. DIP TESTS:
CORE SIZE EXK CORE STORED AT Consumed in Assay LOGGED BY Arden Brooks DATE January 15, 1986

FOOTAGE	SUMMARY LOG — DESCRIPTION OF CORE — Summary Prepared by J.L.Kirwan	SAMPLE NUMBER	ASSAYS
		Footage:	Oz Au/ton
0	Casing		
3	ALTERATION ZONE:		
	a. Talc-Chlorite-Ankerite Schist: Medium green with dark talc-chlorite alteration & lighter zones of ankerite and silica; contorted shearing at 45-75° to core axis. Trace of pyrite. Fractures at 35-65° with talc fillings.		
	3-4": Silicified zone; 1% pyrite; 4-5': silicified schist, talc in planes;		
	20.3-20.6': Quartz-feldspar vein with contacts at 80°/45° to core axis.		
	22.2-25': Silicified; 33-35': Irreg. quartz stringers to 25% of rock		
37	b. Ankerite-Chlorite Schist: Laminated, light grey-green rock with ankerite-chlorite talc layering at 70° to core axis flattening to 0-5° below 72'.		
	38.9': ½" reddish brown intrusive with chilled margins;		
	42.5-43.5': Irregular quartz stringers making up to 25% of rock.		
	49.9': 1.5" "Brooksite"- monomineralic reddish brown aphanitic intrusive.		
	51.2": 2" white Quartz Vein; 63.5-64': silicified section with quartz clots.	103-106	0.01
	67.5-68.5': Irreg. quartz stringers to 25% of rock; 73': dissem. pyrite.		
	Below 87': quartz content increases as silica banding. 93.5': 1" QV	113-118	0.01
	95.25-96.5': Quartz Ankerite Breccia. 97.5-100': "Alligatorite" @ 25° to ca.		
	100.5-96': Brown quartz vein, ground sections; 123-123.5': fragmental, 4% py		
123.5	c. Chlorite-Sericite Schist: Finely banded medium grey silica-ankerite rock; trace py.	123-124	0.015
	124-128': Bleached zone; 128-131': silicified, fuschitic, banded @ 25° to ca		
	133.5-135': weakly silicified; 137-141.5': pyritic (under 1.5% py) 40° ca	133½-135	0.01
	147-147.8': Quartz-Tourmaline Breccia, contacts at 30°/25°, dark grey-brown.		
148	End of Hole	Entire hole assayed, all other values are below 0.01 Oz Au/ton	

John Kirwan

LOCATION: Underground at Hunter Mine,
First Level (-225 feet)
in 283 Crosscut at Survey
Station 135

DIAMOND DRILL HOLES U-3
U-4
U-5
1985



PLANE OF SECTION, 105°
(Except for U-5, which is 111°)
VIEW NORTHWARD

SCALE:

0 ---------- 50
feet
50 feet equals 1 inch

WABIGOON RESOURCES LIMITED
THE HUNTER MINE, WHITNEY TOWNSHIP,
ONTARIO
GEOLOGICAL SECTION ALONG DIAMOND DRILL
HOLES U-3, U-5 & U-5
OF DECEMBER, 1985, AS LOGGED BY ARDEN
BROOKS

Assay Values are in Ounces of Gold per ton over footages
Indicated

Earth Resource Associates
P.O. BOX 2150, TIMMINS, ONTARIO, P4N 7X8 CANADA

DIAMOND DRILL LOG

WABIGOON RESOURCES LIMITED

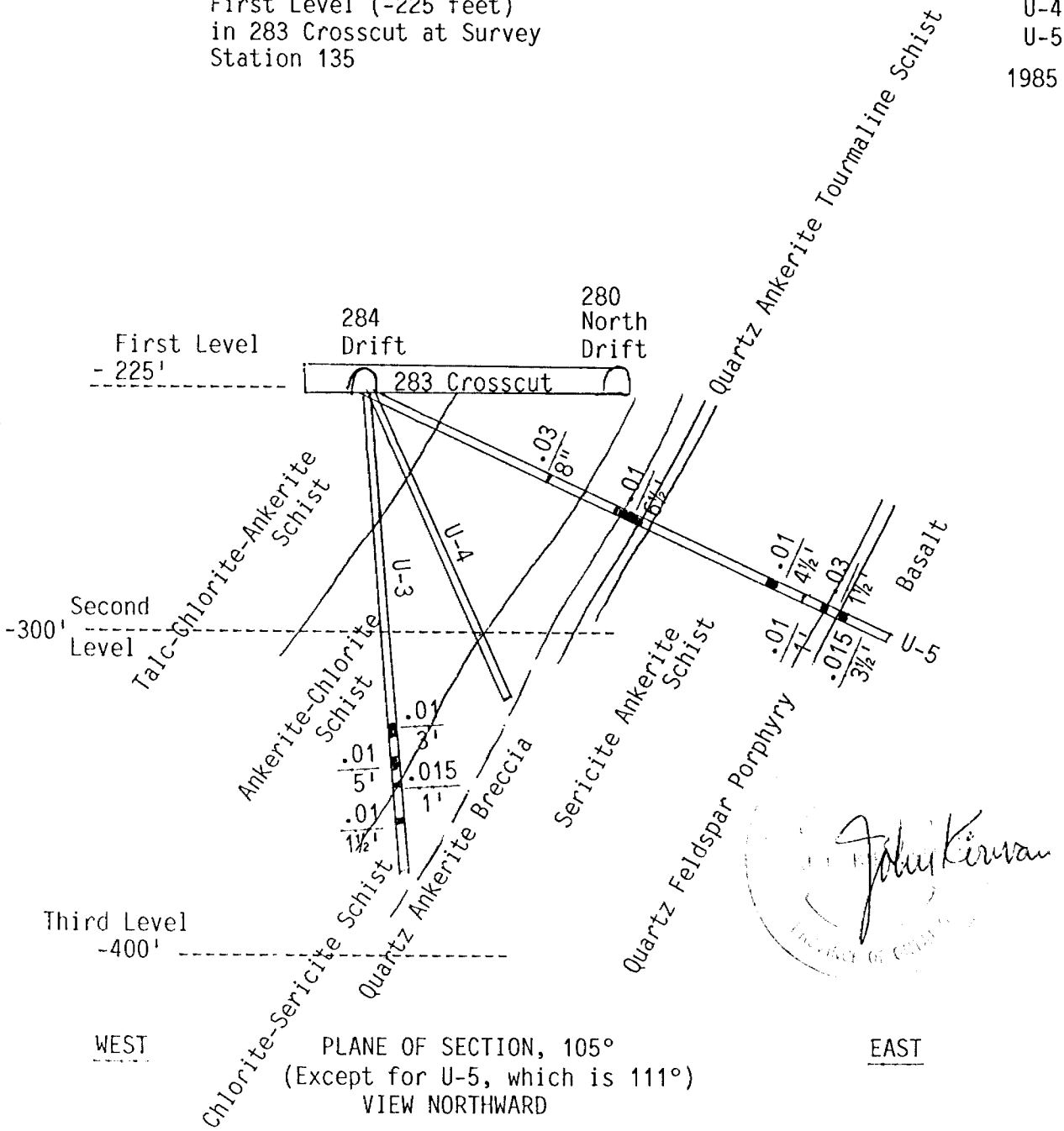
PROPERTY HUNTER MINE
HOLE NUMBER U-4
GRID REFERENCE Underground, First Level 283 Crosscut @ Stn. 135
TOWNSHIP Whitney CLAIM HR1009
AZIMUTH 105° DIP ANGLE -65°

DRILLING COMPANY Morrissette FOREMAN C.A. DIP TESTS:
CORE SIZE EXK CORE STORED AT: Consumed in Assay LOGGED BY Arden Brooks DATE January 16, 1986

FOOTAGE	SUMMARY LOG — DESCRIPTION OF CORE — Summary Prepared by J.L.Kirwan	SAMPLE NUMBER	ASSAYS
0	Casing		
2	ALTERATION ZONE:		
	a. Talc-Chlorite-Ankerite Schist: Medium green with dark talc-chlorite alteration and lighter zones of ankerite and silica; shearing at 70° to ca; ankerite-rich and talc-rich seams present.		
	5.4-6': Silicified, contacts at 60°/ground. 10.5': local pyrite crystals.		
	22.2-22.3; 23.5-23.8': QV's; 26-31.5': siliceousness & brecciation incr.		
31.5	b. Ankerite-Chlorite Schist: Laminated, light grey-green rock with ankerite-chlorite-talc layering at 55° to core axis; some talcose cross fractures @ 20-40°		
	35.8-38'; 39-41': Quartz-Feldspar stringers X-cutting banding at 5-40°		
	42.7': 1" "Brooksite" (aphanitic, buff-colored, weakly banded rock).		
	45.8': The same; 41.2-49.5': Schist increases in talc content.		
	49.5-52.8': Silicified and with late quartz stringers.		
	52.9-53.7': Siliceous intrusive: 65% Qtz, 15% ankerite, over 10% feldspar.		
	53.7-67.3': Rock is more siliceous; Qtz. Strs. at 58.4, 60.6, 60.8-61'.		
	62.1-66.6': occas. narrow QV; 66.6-67.2': flat qtz-felds str., ½".		
	71-75': Zone of Qtz-Felds stringers at various angles, less than 6" wide.		
	74-74.5': Quartz Ankerite Breccia; 78-84': banding 0-20° ca; qtz-fs strs.		
84	c. Chlorite Schist: Banded, medium dark green zone with minor quartz-ankerite-sericite seams; weak shearing at 35° to ca steepening to 65°; local bleaching.		
	85.5': 1" QV @ 35° to ca trace pyrite; 88.5-90.5': fuschite-rich zone (up to 5% along shear planes), and some brown qtz strs at 25-35°.		
	90.5-94': silicified stringer zone: brown quartz; bleaching; 3% diss. pyrite.		
	94-98.5: Occasional quartz stringer under 1"; local bleaching, trace pyrite.		
	99.6-100.6': Bleached, 1% dissem. pyrite, 1 ¼" quartz stringer; Extremely crenulated, but average is 65° to core axis.		
103	End of Hole.		

LOCATION: Underground at Hunter Mine,
First Level (-225 feet)
in 283 Crosscut at Survey
Station 135

DIAMOND DRILL HOLES U-3
U-4
U-5
1985



PLANE OF SECTION, 105°
(Except for U-5, which is 111°)
VIEW NORTHWARD

SCALE:

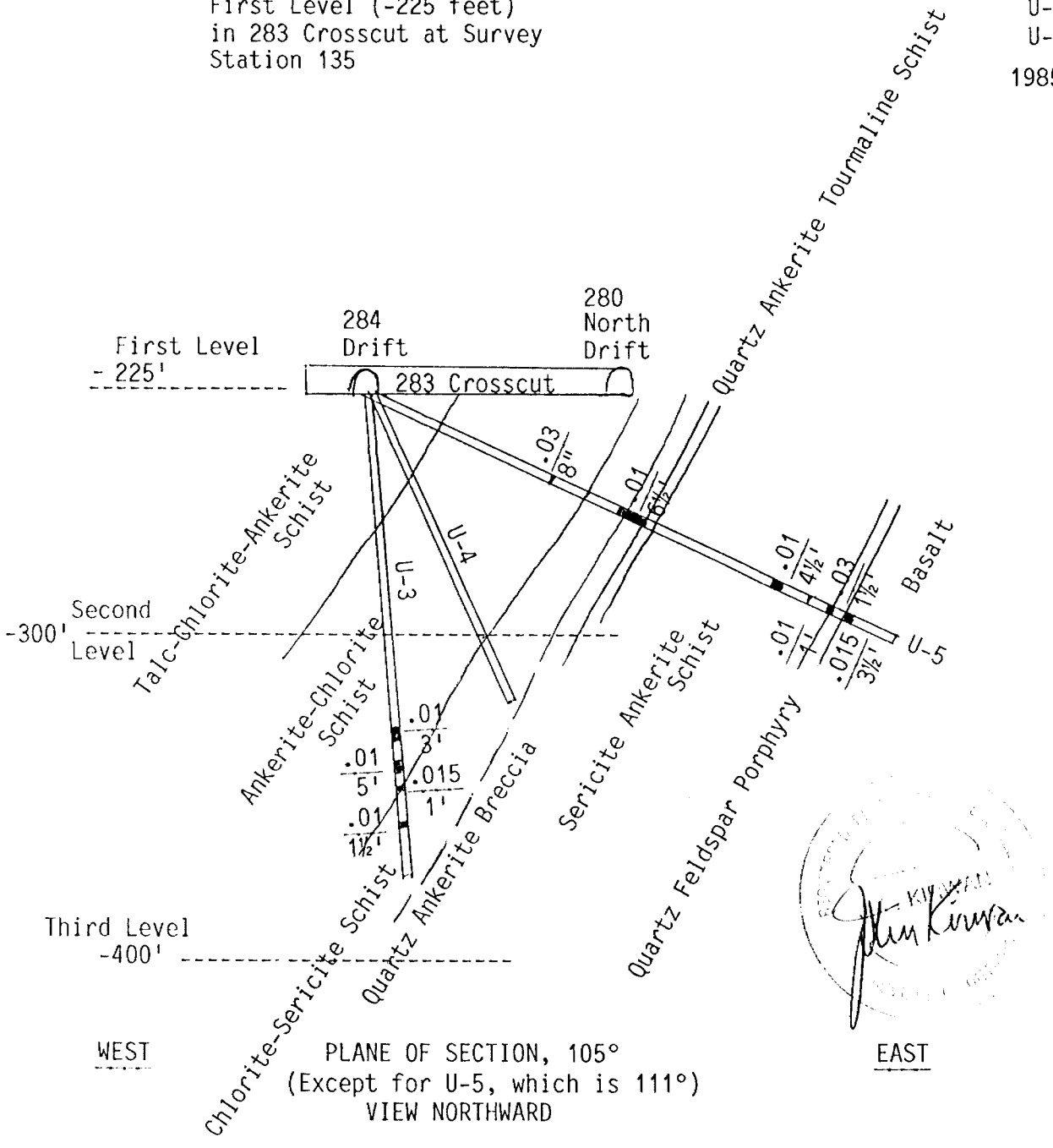
0 ---------- 50
feet
50 feet equals 1 inch

WABIGOON RESOURCES LIMITED
THE HUNTER MINE, WHITNEY TOWNSHIP,
ONTARIO
GEOLOGICAL SECTION ALONG DIAMOND DRILL
HOLES U-3, U-5 & U-5
OF DECEMBER, 1985, AS LOGGED BY ARDEN
BROOKS

Assay Values are in Ounces of Gold per ton over footages
Indicated

LOCATION: Underground at Hunter Mine, First Level (-225 feet) in 283 Crosscut at Survey Station 135

DIAMOND DRILL HOLES U-3 U-4 U-5 1985



PLANE OF SECTION, 105°
(Except for U-5, which is 111°)
VIEW NORTHWARD

SCALE:

0 ---------- 50
feet
50 feet equals 1 inch

WABIGOON RESOURCES LIMITED
THE HUNTER MINE, WHITNEY TOWNSHIP, ONTARIO
GEOLOGICAL SECTION ALONG DIAMOND DRILL HOLES U-3, U-5 & U-5
OF DECEMBER, 1985, AS LOGGED BY ARDEN BROOKS

Assay Values are in Ounces of Gold per ton over footages Indicated

Earth Resource Associates
P.O. BOX 2150, TIMMINS, ONTARIO, P4N 7X8 CANADA

DIAMOND DRILL LOG

WABIGOON RESOURCES LIMITED

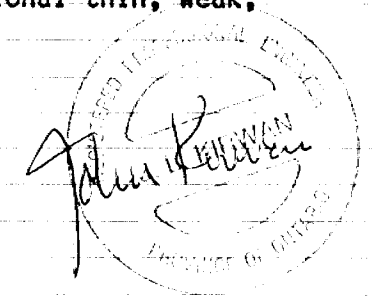
PROPERTY HUNTER MINE
HOLE NUMBER U-5
GRID REFERENCE Underground, First Level, 283 X-Cut at Station 135
TOWNSHIP Whitney CLAIM HR1009
AZIMUTH 111° DIP ANGLE -25°

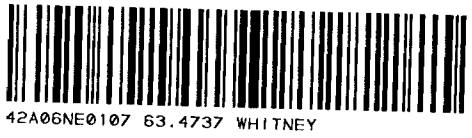
DRILLING COMPANY Morrissette FOREMAN C.A. DIP TESTS:
CORE SIZE EXK CORE STORED AT: Consumed in Assay LOGGED BY Arden Brooks DATE January 17, 1986

FOOTAGE	SUMMARY LOG — DESCRIPTION OF CORE — Summary Prepared by J.L.Kirwan	SAMPLE NUMBER	ASSAYS	
0	Casing	Footage	Au Oz Au/	ton
2	ALTERATION ZONE:			
	a. Talc-Chlorite-Ankerite Schist: Medium green with dark talc-chlorite alteration and lighter zones of ankerite and silica; shearing at 40-80° to core axis. 2.8': local dissem. pyrite; 3-9': Quartz Vein Zone (40% Qtz) with stringers and veins up to 8"; 21-22': The same.			
22.5	b. Ankerite-Chlorite Schist: Laminated, light grey-green rock with ankerite-chlorite-talc layering at 70-80° to core axis. 26.8': ½" "Brooksite" buff unit. Additional layers at 34, each ½" thick. 41.5-51': Talc-filled cross fractures at 0-25° to ca. 40.1-40.3': silicified; similarly at 45.6-48 and 54.5-57' 57-59.75': Silicified Schist; 59.9-60.5': Silica Vein 60.5-63.5: contorted banding, quartz stringers under 1" (15%) 63.5-63.8': Brown Quartz vein, ground contacts; 64-65': Lost Core 65-67': silicified, pyritized, bleached; 68-72': talc veinlets @ 0° to ca	59.75-60.5		0.03
72.5	c. Chlorite-Sericite Schist: Banded, medium dark green zone with minor quartz-ankerite-sericite seams, banded at 70° to core axis; trace of dissem. pyrite. 72.8-78.2': Fuschite-rich zone; 73.3': brown silica band at 55° to ca	80.5-82.75		0.012
	80.2': ½" grey quartz vein. 82.75-83.75': Quartz-Feldspar-Tourmaline vein at 65°/55° to ca. 84-87': silicified.	82.75-84		0.01
		84-87		0.01
87.8	d. Quartz Ankerite Breccia. Light medium brown intensely brecciated and altered with ankerite and silica and in-filled with black tourmaline seams. Overall 45% quartz breccia filling. Quartz Zones at 87.8-89.5 & 90.5-91.5.			
91.75	e. Quartz Ankerite-Tourmaline Schist: Finely banded dark brown ankerite/quartz layers at 65° to core axis. Overall yellow-brown green color. 93.5-94.1': Fragmental section.			

EARTH RESOURCE ASSOCIATES: DIAMOND DRILL LOG. PROPERTY: HUNTER HOLE NUMBER: U-5

FOOTAGE	DESCRIPTION OF CORE	SAMPLE NUMBER	ASSAYS	
94.1	g. Sericite Ankerite Schist: Silicification, sericitization and chloritization as laminae at 65° to core axis. Intensely sheared 94.1-101'			
	94.1-95.3': abt 1% fuschite , 1% pyrite, brown quartz stringers			
	116-156': local intense sericitization with fuschite also present.	134.5-139		0.01
	119.5-121.6': Quartz Stringer Zone, trace pyrite, fuschite			
	122.1: speck of chalcopyrite in 1" quartz stringer	146-147		0.01
	144.3-147.3: Quartz Stringer Zone; black chlorite seams common.			
	154.5-155.5': Lost Core	152-153.5		0.03
156.1	h. Quartz Feldspar Porphyry: Contacts at 80°/35° to core axis. Dark grey with small quartz eyes.	160-163.3		0.015
160.	i. Basalt: Medium grey-green fine to medium grained, finely banded at 80° to core axis. Occasional primary flow features displayed.			
	160-163.3': Flow top Breccia with 1% disseminated pyrite.			
	171.4-173.2': 173.4-176.3: chilled, laminated and weakly sheared sections with minor tourmaline, parallel with schistosity which is at 80° to core axis. Occasional thin, weak, quartz stringers.			
178	End of Hole.			





THE HUNTER MINE

WHITNEY TOWNSHIP, ONTARIO

UNDERGROUND SAMPLING PROGRAM, 1985

INTERIM REPORT

by

John L. Kirwan

Earth Resource Associates,
116 Golden Avenue,
South Porcupine, Ontario

P.O.Box 2150,
Timmins, Ontario, P4N 7X8

705 235-2777

March 20, 1986

THE HUNTER MINE: INTERIM REPORT ON UNDERGROUND SAMPLING

by

John L. Kirwan

INTRODUCTION

This report is being prepared for the Management and Directors of Wabigoon Resources Limited of Toronto so as to present to them the results of underground channel sampling at the old Hunter Mine in Whitney Township, Ontario.

Sampling took place in the underground workings of this mine, which is entirely situated on patented Mining Claim HR 1009. This claim, which is situated in the northern half of Lot 10, Concession III, Whitney Township in the Porcupine Mining Division, is recorded as of November 1, 1985, at the Land Titles Office in Cochrane, in the name of Wabigoon Resources Limited. No liens, cautions, or other encumberances are recorded against this title as of the above date.

Location of the property in Whitney Township is shown on page 3 following, and the distribution of the mining claims is shown, together with a sketch of the mine workings, on page 4. Page 5 is a sketch to show the mine workings in composite plan and to serve as a reference for the maps in the Appendix to this report.

THE SAMPLING

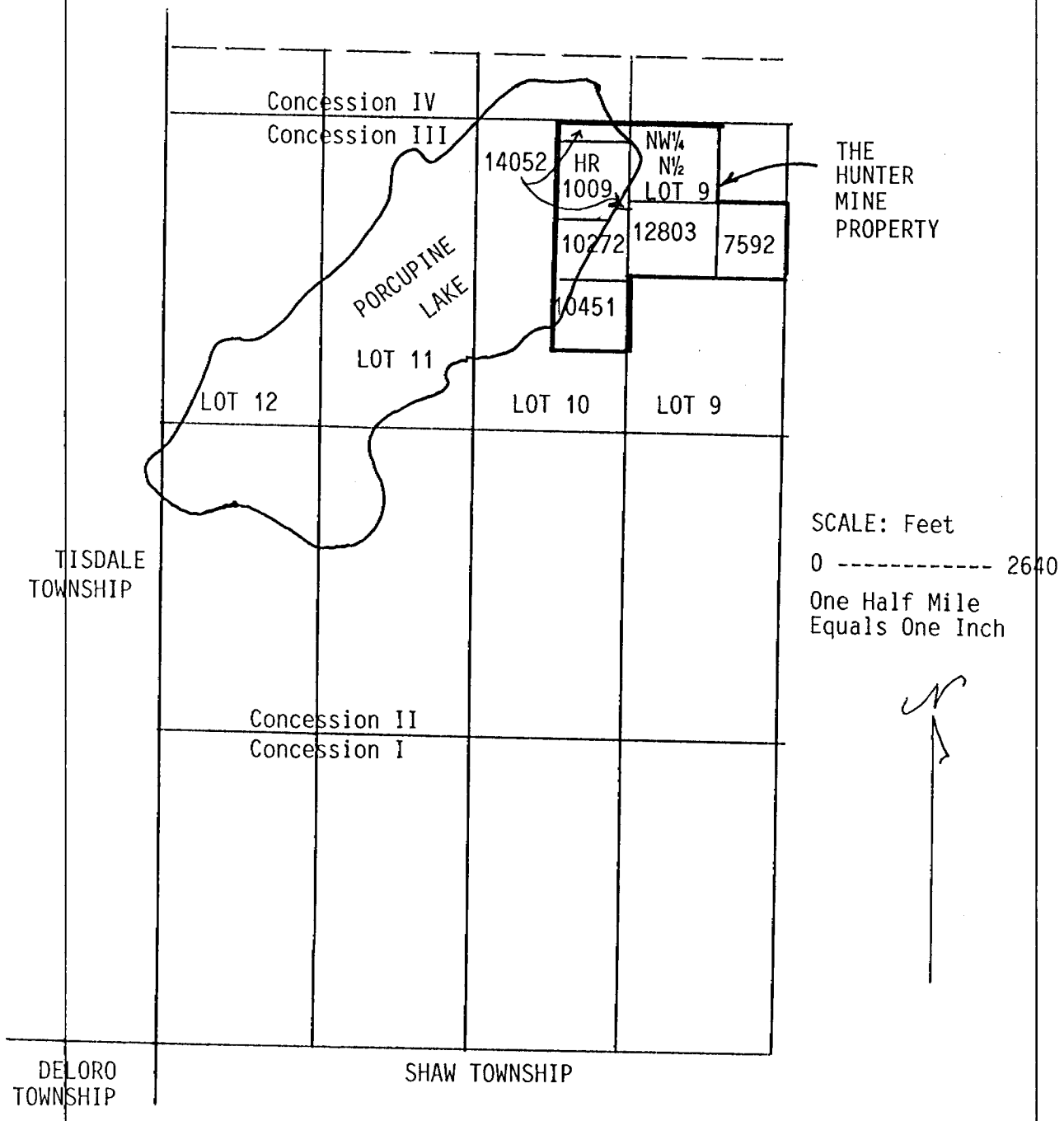
A total of 205 channel samples were taken from the walls, backs, and stopes of the First Level of the mine, which is accessed via an incline shaft on claim 10272 at -56°. The level is at -280 feet in the shaft, or a true depth of 225 feet from the original shaft collar. True depth below the surface of Porcupine Lake is about 185 feet at the station, decreasing to approximately 172 feet at the north end owing to the drainage cant built into the workings.

The samples were taken so as to verify reported assays from 1938, to determine what gold-bearing material was left in place by the miners in 1940, to determine the average width and grade of this material, and to attempt to outline the distribution of this gold in relation to the geology. It was also intended as an orientation program to determine the optimum sampling length and interval, and method, and in this regard two types of samples were taken, channel samples on walls made with standard hammer and moil methods, and percussion samples from backs made with pneumatic drills on jacklegs.

During the course of the work it was discovered that the sampling methods and the personnel doing the work combined to introduce a negative bias into the samples, a bias that was so serious that the work was discontinued pending evaluation of the results in the light of new sampling. This new sampling has not yet taken place.

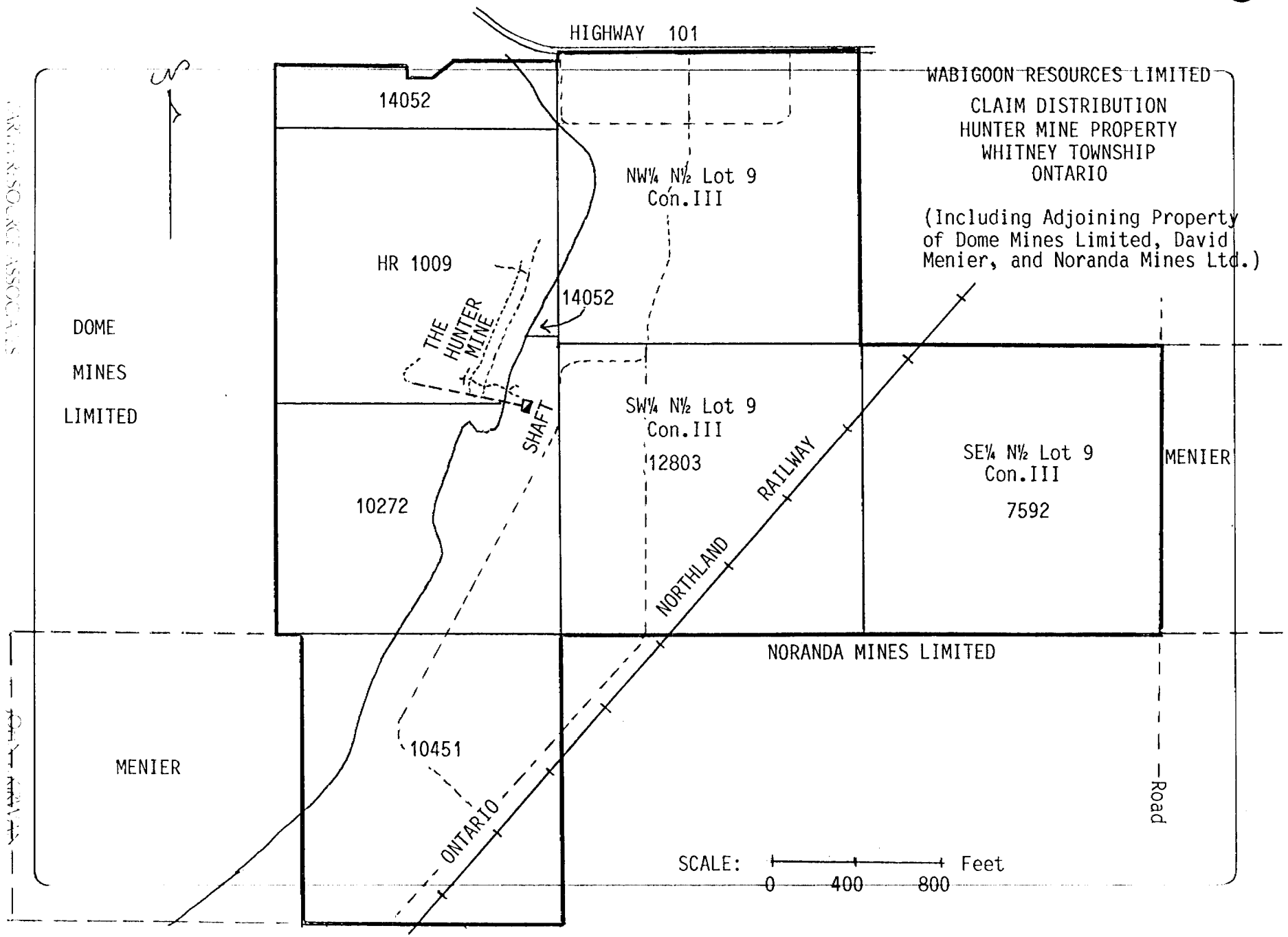
THE RESULTS

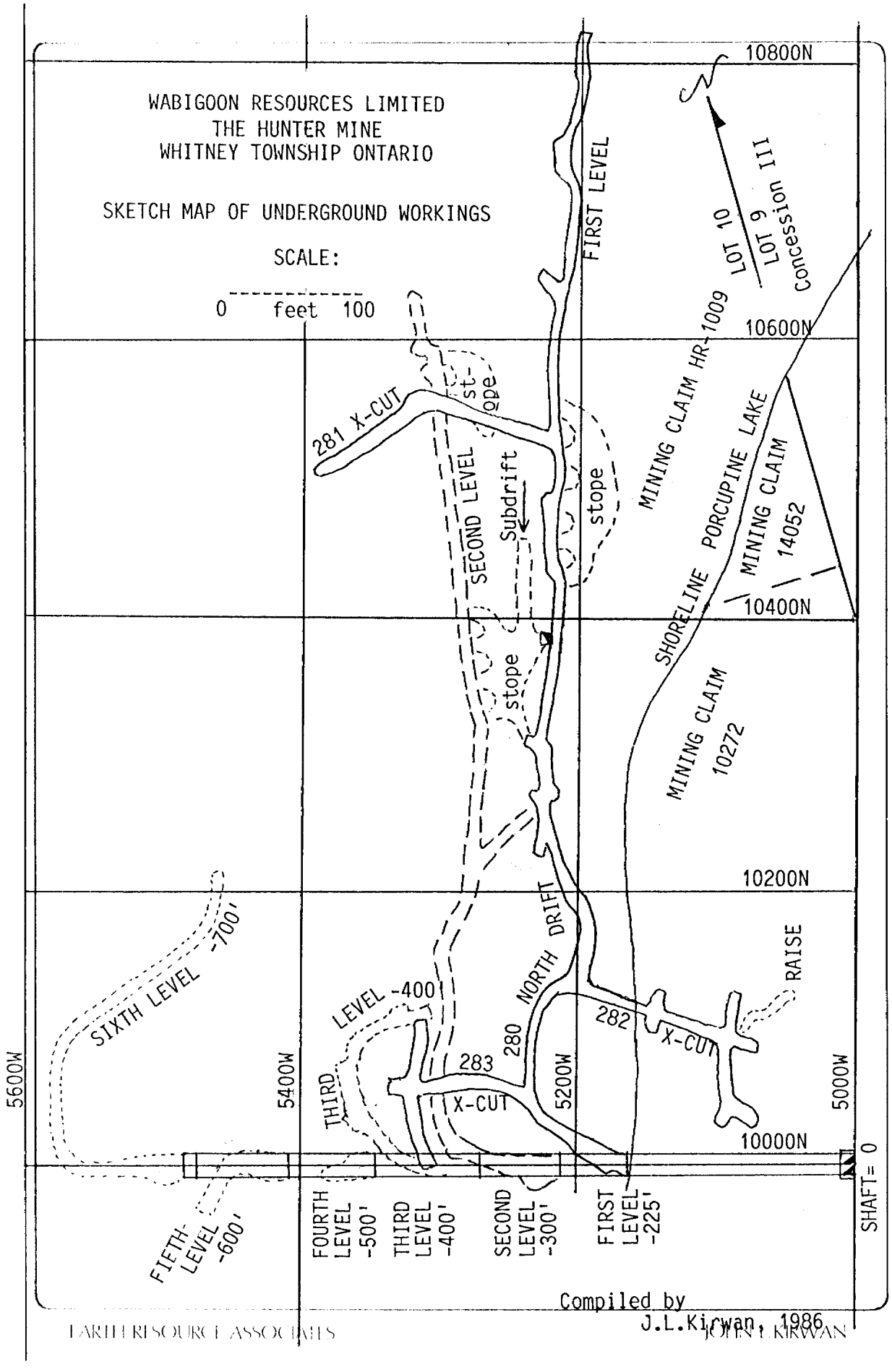
Owing to the preliminary nature of the sampling, the fact that the sampling was incomplete, the bias that was discovered in it, and the inability to assess it in detail, no results of the sampling are warranted at the present time. Appendices I-III of this report, how-



WABIGOON RESOURCES LIMITED

Southwestern Whitney Township, Porcupine Mining Division, Province of Ontario, Canada, showing Locations of Claims on the Hunter Mine Property.

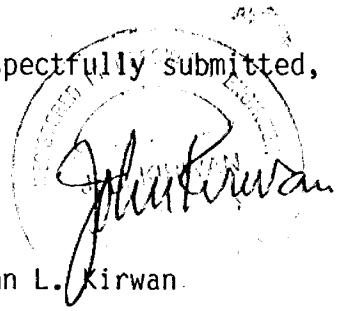

HIGHWAY 101
WABIGOON RESOURCES LIMITED
CLAIM DISTRICTION
HUNTER MINE PROPERTY
WHITNEY TOWNSHIP
ONTARIO
(Including Adjoining Property of Dome Mines Limited, David Menier, and Noranda Mines Ltd.)
14052
NW¼ N½ Lot 9 Con.III
HR 1009
14052
THE HUNTER MINE
SHAFT
DOME MINES LIMITED
SW¼ N½ Lot 9 Con.III
12803
SE¼ N½ Lot 9 Con.III
7592
MENIER
10272
RAILWAY
NORTHLAND
NORANDA MINES LIMITED
MENIER
10451
ONTARIO
Road
SCALE:
Feet
0
400
800


WABIGOON RESOURCES LIMITED
THE HUNTER MINE
WHITNEY TOWNSHIP ONTARIO
SKETCH MAP OF UNDERGROUND WORKINGS
SCALE:
0 feet 100
10800N
10600N
10400N
10200N
10000N
5600W
5400W
5200W
5000W
FIRST LEVEL
SECOND LEVEL
THIRD LEVEL
FOURTH LEVEL
FIFTH LEVEL
SIXTH LEVEL
-700'
LEVEL -400'
-500'
-600'
-400'
-300'
-225'
281 X-CUT
stope
Subdrift
stope
stope
283
X-CUT
280
NORTH DRIFT
282
X-CUT
RAISE
SHAFT= 0
LOT 10
LOT 9
Concession III
MINING CLAIM HR-1009
SHORELINE PORCUPINE LAKE
MINING CLAIM 14052
MINING CLAIM 10272
Compiled by
J.L.Kirwan, 1986
EARTH RESOURCE ASSOCIATES
JOHN L. KIRWAN

ever, contain the analytical results (Appendix III), the sample description (Appendix II) and the sample locations (Appendix I). These are presented in preliminary form, unplotted on final maps, pending additional sampling and interpretation of the data in 1986.

The underground sampling program was under the direction of Mr. Arden Brooks, BSc, site geologist for Wabigoon Resources LImited. The writer, however, has direct personal knowledge of the sampling, having examined the work underground and compiled the enclosed material.

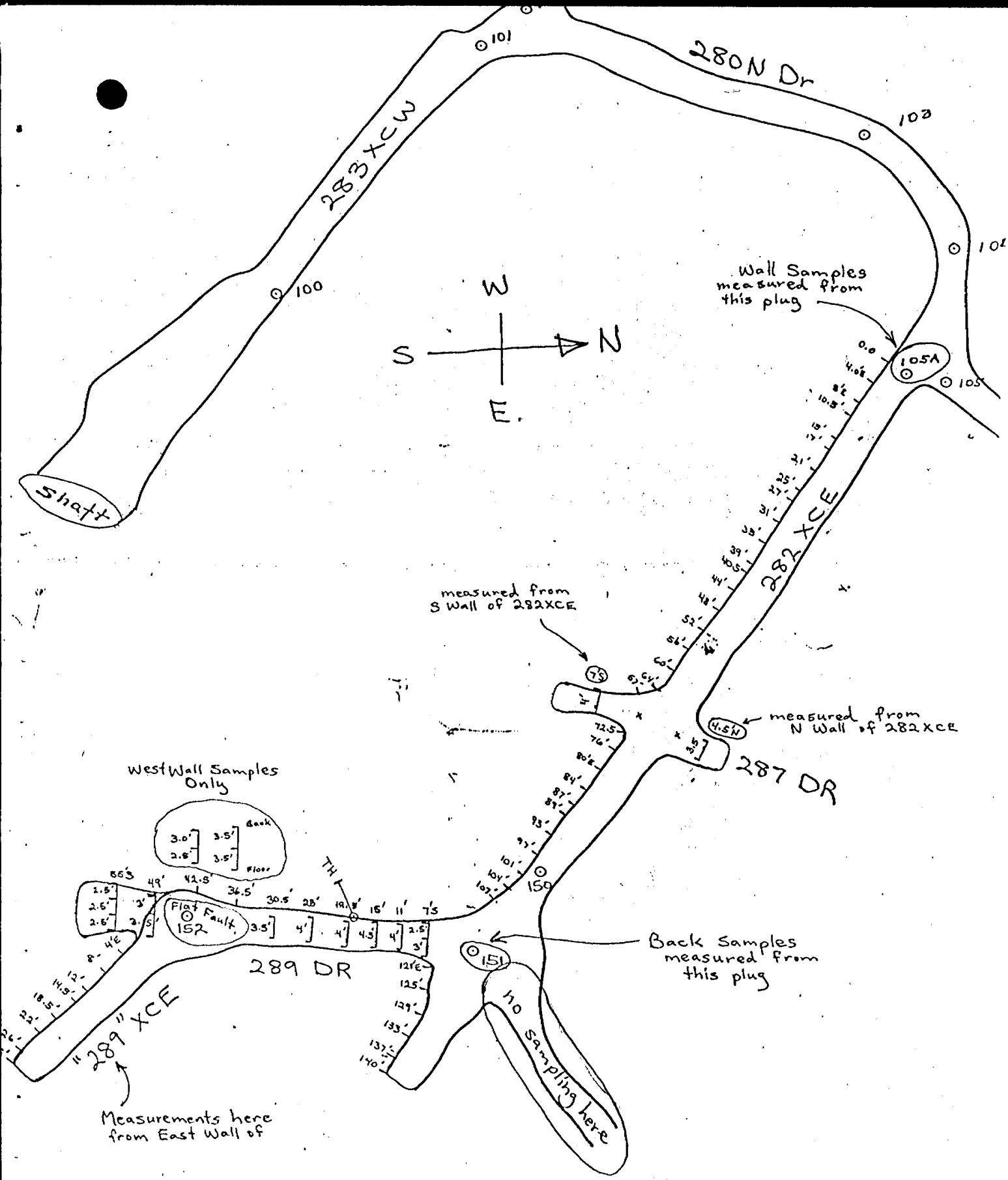
Respectfully submitted,

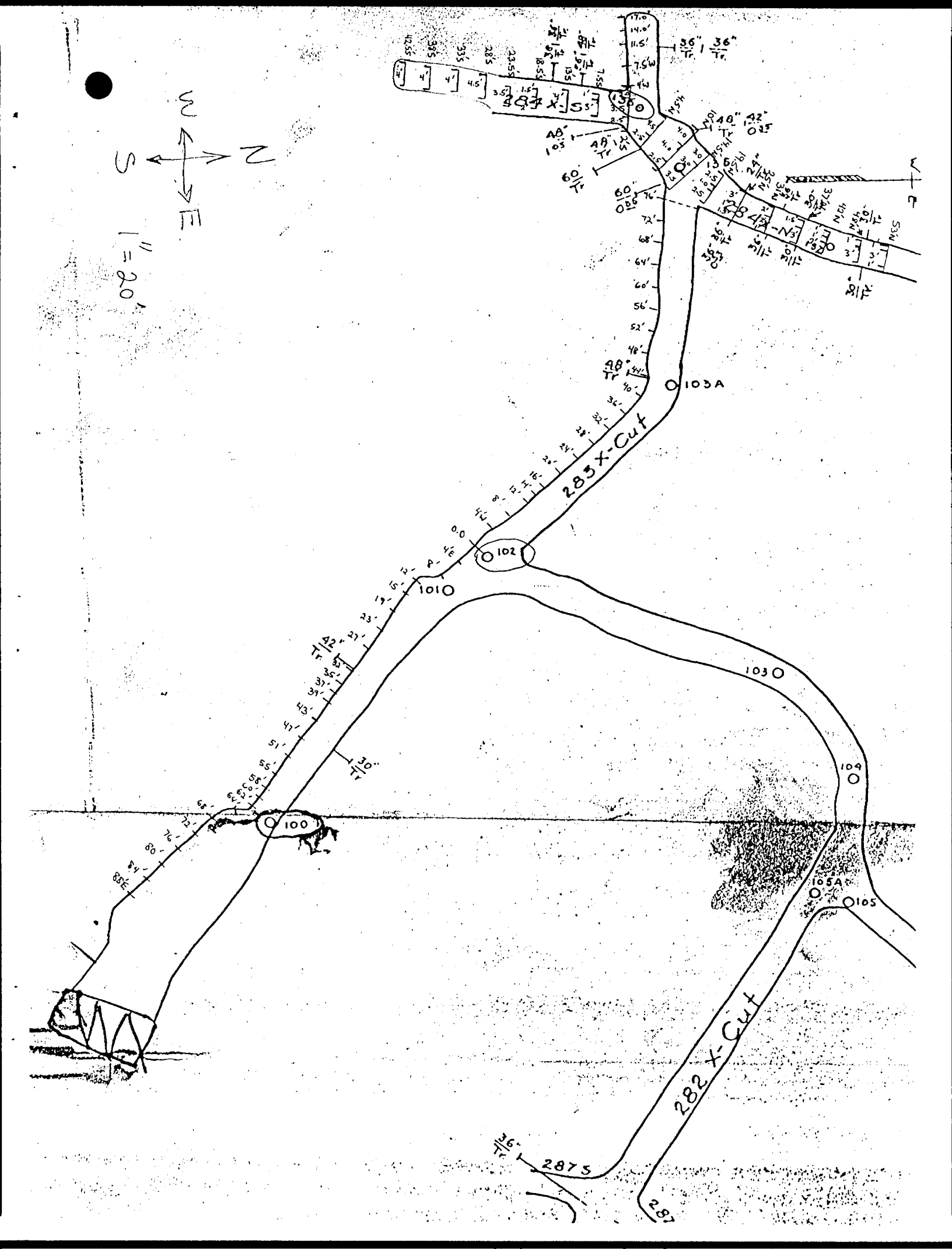


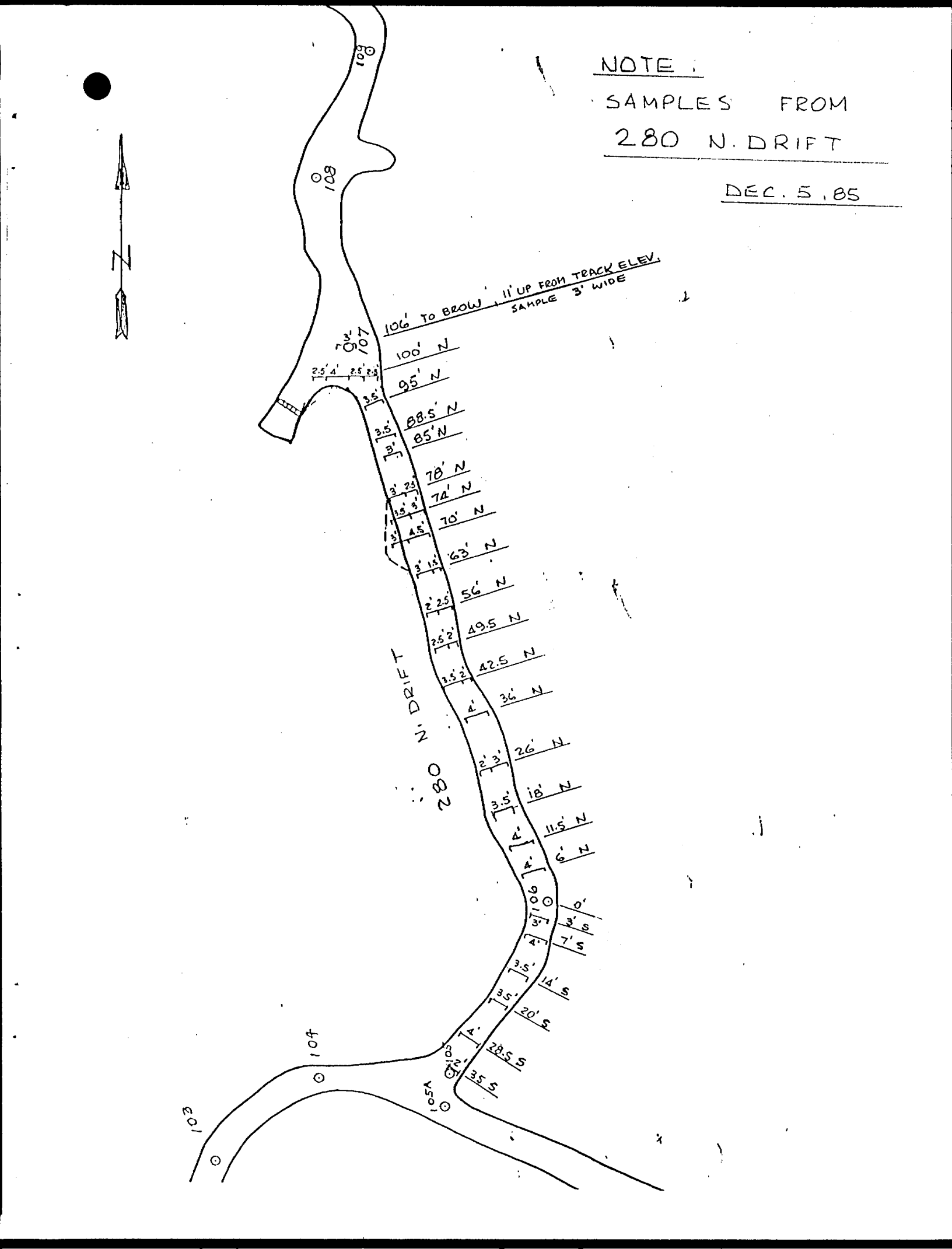
John L. Kirwan

APPENDIX 1

UNDERGROUND SKETCHES SHOWING SURVEY POINTS AND SAMPLE LOCATIONS


280N Dr
283XCW
101
102
103
100
Shaft
W
S
N
E.
Wall Samples measured from this plug
105A
105
282 XCE
measured from S Wall of 282XCE
TS
measured from N Wall of 282XCE
4.5N
287 DR
West Wall Samples Only
Back
Floor
3.0'
2.8'
3.5'
3.5'
TH
Flat Fault
152
150
151
Back Samples measured from this plug
289 DR
11' 289 XCE
No Sampling here
Measurements here from East Wall of


W
N
S
E
1" = 20'
283 X-Cut
282 X-Cut
287 S
287
100
101
102
103
103A
104
105
105A


NOTE :
SAMPLES FROM
280 N. DRIFT
DEC. 5, 85
N
106' TO BROW, 11' UP FROM TRACK ELEV.
SAMPLE 3' WIDE
100' N
95' N
88.5' N
85' N
78' N
74' N
70' N
63' N
56' N
49.5 N
42.5 N
36' N
26' N
18' N
11.5' N
6' N
0'
3' S
7' S
14' S
20' S
28.5 S
35 S
280 N. DRIFT
101
109
107
108
104
103
105
102

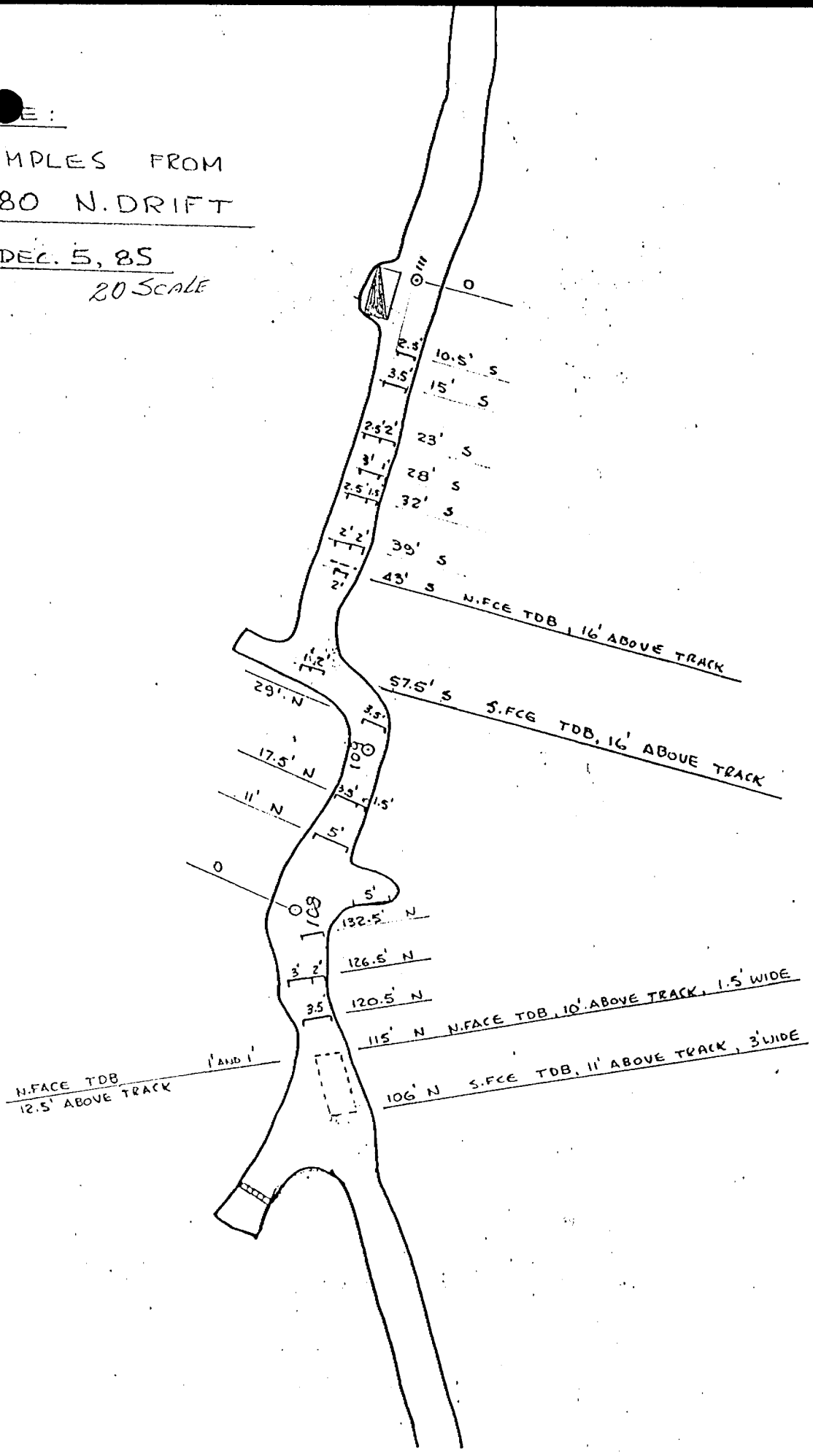
NOTE:

SAMPLES FROM

280 N. DRIFT

DEC. 5, 85

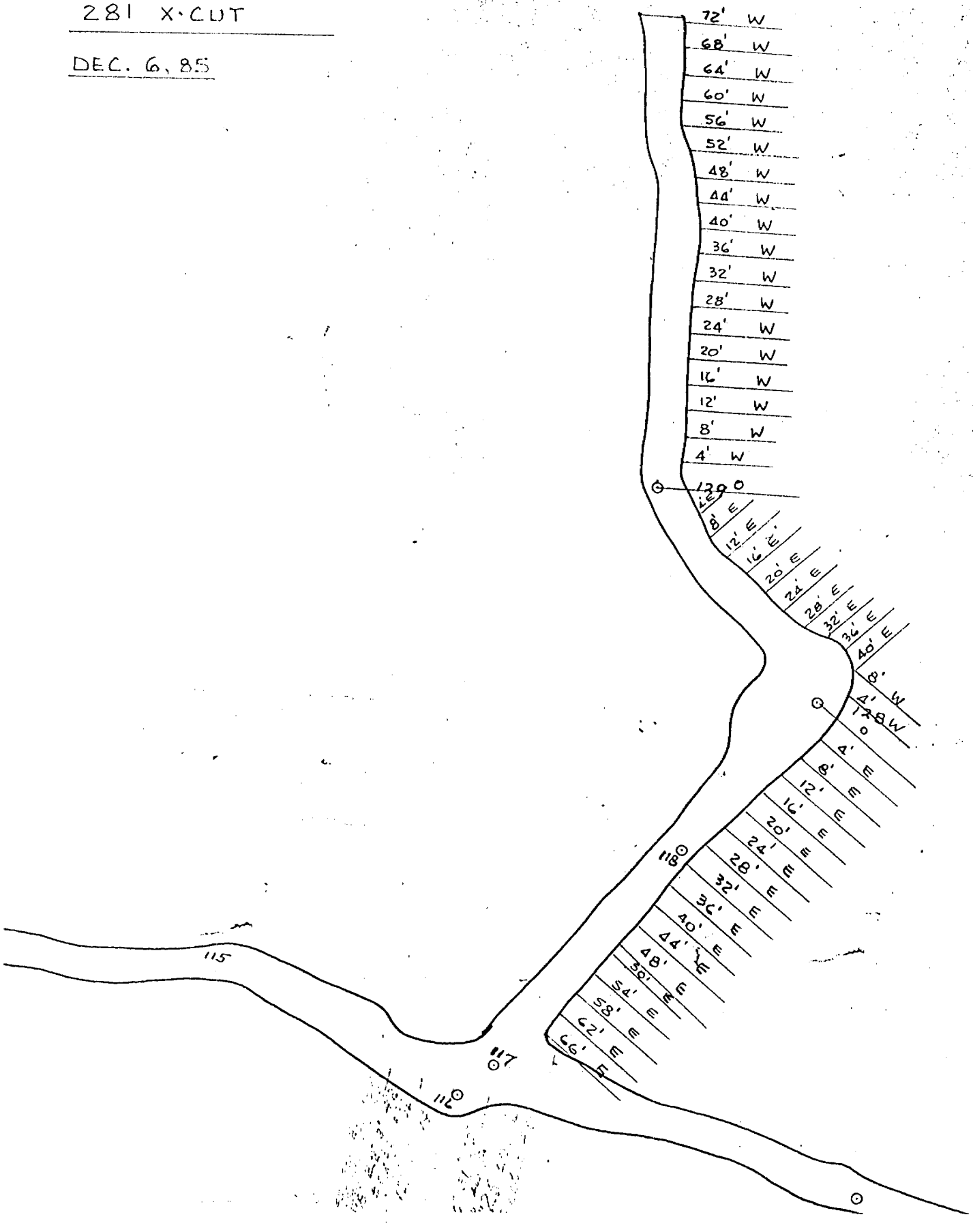
20 SCALE

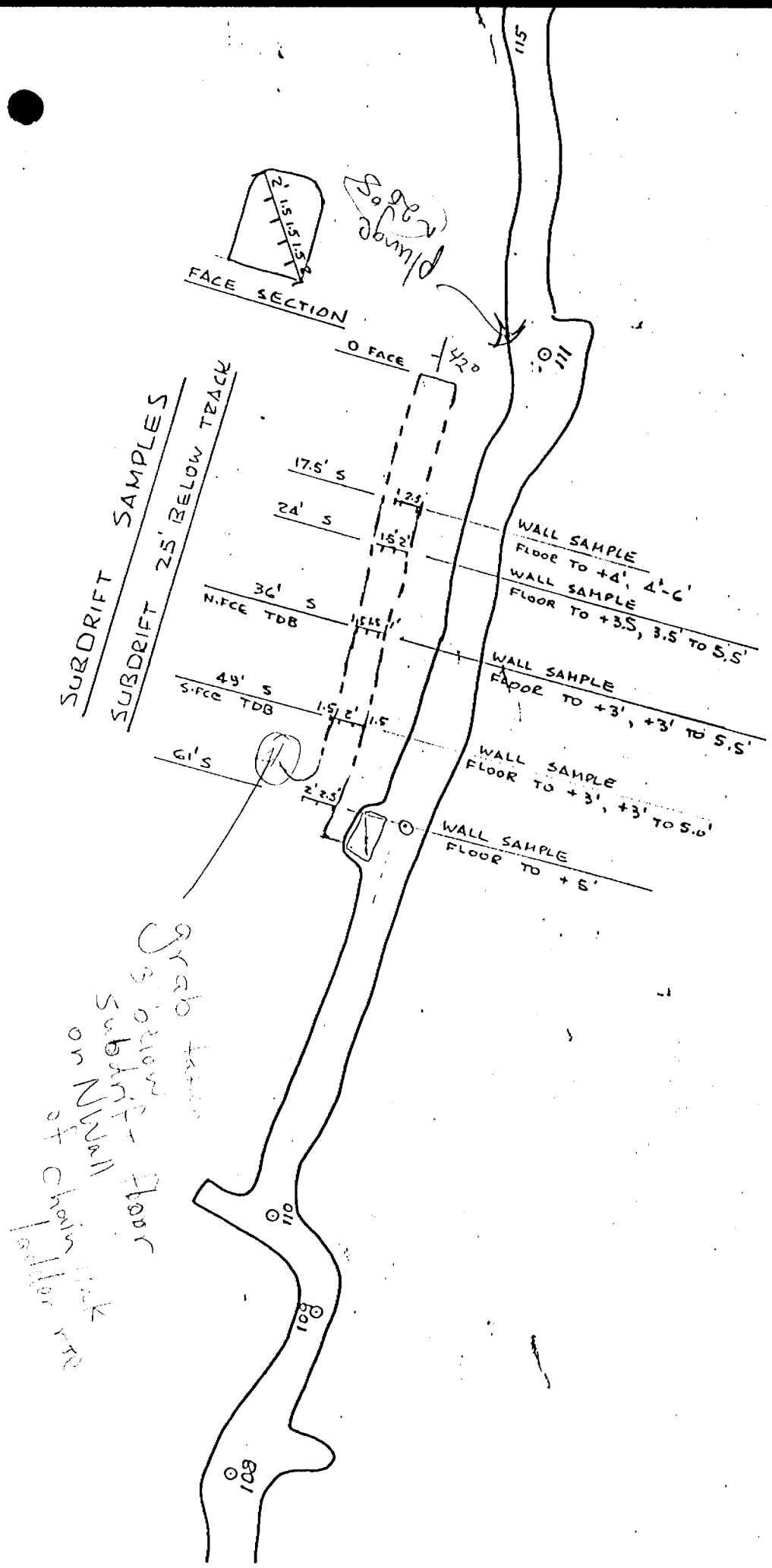


NOTE:

SAMPLES FROM
281 X-CUT

DEC. 6, 85




SUBDRIFT SAMPLES
SUBDRIFT 25' BELOW TRACK
FACE SECTION
2'
1.5
1.5
1.5
0 FACE
+420
115
111
17.5' S
24' S
36' S
N.FCE TDB
49' S
S.FCE TDB
61' S
2.5
1.5
2'
1.5
2'
2.5'
WALL SAMPLE
FLOOR TO +4', 4'-6'
WALL SAMPLE
FLOOR TO +3.5', 3.5' TO 5.5'
WALL SAMPLE
FLOOR TO +3', +3' TO 5.5'
WALL SAMPLE
FLOOR TO +3', +3' TO 5.0'
WALL SAMPLE
FLOOR TO +5'
110
100
108

APPENDIX 2

SAMPLE TAGS SHOWING SAMPLE DESCRIPTIONS AND ASSAYS

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13002

Date 5/12/85
Place 289 X CUT
Width 4'
Description 0-41 E ⊙ 152 (S. WALL)

Nil

Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13003

Date
Place
Width 4'
Description 4-8'E ⊙152 S. WALL

Nil

Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13004

Date
Place
Width 4'
Description 8-12'E ⊙152 S. WALL

Nil

Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13005

Date
Place
Width 2.5'
Description 12-14 (S.E) ⊙152 S. WALL

.002

Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13006

Date
Place
Width 4'
Description 14.5-18.5'E ⊙152 S. WALL

.005

Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13007

Date
Place
Width 3.5'
Description 18.5-22'E ⊙152 S. WALL

.01

Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13008

Date
Place
Width 4'
Description 22-26'E ⊙152 S. WALL

.010

Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13009

Date
Place
Width 2.5'
Description 26-28.5'E ⊙152 S. WALL

.005

Assay For
TPC · NL

BELL-WHITE LABS
Halleybury, Ontario

Sample G № 13010

Date 5/12/85
Place 289 DR
Width 3'
Description E WALL 3'W
7.5'S ⊙ 151

Nil

Assay For
TPC · NL

BELL-WHITE LABS
Halleybury, Ontario

Sample G № 13011

Date
Place
Width 7.5'
Description 4.0'E-6.5'E
7.5'S ⊙ 151

.005

Assay For
TPC · NL

Halleybury, Ontario

Sample G № 13012

Date
Place
Width 4'
Description E-WALL-W
WALL 11'S ⊙ 151

Nil

Assay For
TPC · NL

BELL-WHITE LABS
Halleybury, Ontario

Sample G № 13013

Date
Place
Width 4.5'
Description E-WALL-W WALL
15'S ⊙ 151

Nil

Assay For
TPC · NL

BELL-WHITE LABS
Halleybury, Ontario

Sample G № 13014

Date
Place
Width 4'
Description E-WALL, W-WALL
19.5'(S) ⊙ 151

Nil

Assay For
TPC · NL

BELL-WHITE LABS
Halleybury, Ontario

Sample G № 13015

Date
Place
Width 4'
Description E WALL, W-WALL
25'S ⊙ 151

Nil

Assay For
TPC · NL

Halleybury, Ontario

Sample G № 13016

Date 6/12/85
Place 282 X CUT
Width 3.5'
Description E WALL 3.5'W
36.5 (S) ⊙ 151

.005

Assay For

Halleybury, Ontario

Sample G № 13018

Date
Place
Width 3.5
Description E WALL TO W WALL
30.5'(S) ⊙ 151

Nil

Assay For

BELL-WHITE LABS
Halleybury, Ontario

Sample G № 13017

Date
Place
Width 3.5'
Description 3.5'E TO W WALL
3.5'(S) ⊙ 151

.005

Assay For

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13021

Date
Place
Width 2.5'
Description 50'E TO W WALL
55'S ⊙51
N.I
Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13020

Date
Place
Width 2.5'
Description 2.5'E TO 5'E
55'S ⊙151
N.I
Assay For
TPC · NL

Haileybury, Ontario

Sample G № 13019

Date
Place
Width 2.5'
Description 55'S ⊙105
E WALL 2.5'W
N.I
Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13022

Date 6/12/85
Place 280 DR N
Width 2'
Description E WALL-W WALL
35'S ⊙106
.002 — .012
Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13023

Date
Place
Width 4'
Description E WALL-W WALL
28.5 S ⊙ 106
N.I
Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13024

Date
Place
Width 3.5
Description (E) WALL-(W) WALL
20'S ⊙106
.005
Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13025

Date
Place
Width 3.5
Description (E) WALL-(W) WALL
14'S ⊙106
N.I
Assay For

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13026

Date
Place
Width 4'
Description (E) WALL-(W) WALL
7'S ⊙106
.005
Assay For

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13027

Date
Place
Width 3
Description (E-W) WALL
3'S ⊙106
.01
Assay For

BELL-WHITE LABS
Halleybury, Ontario

Sample G № 13028

Date
Place
Width 4'
Description (E-W) 6'N
0106

.005

Assay For
TPC - NL

BELL-WHITE LABS
Halleybury, Ontario

Sample G № 13029

Date
Place
Width 4'
Description (E-W) WALL
11.5'N 0106

.005

Assay For
TPC - NL

BELL-WHITE LABS
Halleybury, Ontario

Sample G № 13030

Date
Place
Width 3.5'
Description (E-W) WALL
18'N 0106

Nil

Assay For
TPC - NL

BELL-WHITE LABS
Halleybury, Ontario

Sample G № 13031

Date
Place
Width 2'
Description E WALL - 2'W
26'N 0106

.01 — .01

Assay For
TPC - NL

BELL-WHITE LABS
Halleybury, Ontario

Sample G № 13032

Date
Place
Width 3'
Description 2'E TO W WALL
26'N 0106

Nil

Assay For
TPC - NL

BELL-WHITE LABS
Halleybury, Ontario

Sample G № 13033

Date
Place
Width 4'
Description 36'N 0106
(E-W) WALL

Nil

Assay For
TPC - NL

BELL-WHITE LABS
Halleybury, Ontario

Sample G № 13034

Date
Place
Width 3.5'
Description E WALL 3.5'W
42.5'N 0106

Assay For

BELL-WHITE LABS
Halleybury, Ontario

Sample G № 13035

Date
Place
Width 2'
Description (3.5'E TO W) WALL
42.5'N 0106

Assay For

BELL-WHITE LABS
Halleybury, Ontario

Sample G № 13283

Date 6/12/85
Place 480 E N
Width 3.5'
Description WALL
3.5 W 42.5 N
0105

Nil

Assay For

BELL-WHITE LABS
Halleybury, Ontario

Sample G № 13040

Date .....

Place .....

Width 2'

Description 48-50'E @ 128
N WALL

.....

.....

Nil

Assay For .....
TPC - NL

BELL-WHITE LABS
Halleybury, Ontario

Sample G № 13041

Date .....

Place .....

Width 4'

Description 44-48'E
@128 N WALL

.....

.....

Nil

Assay For .....
TPC - NL

BELL-WHITE LABS
Halleybury, Ontario

Sample G № 13042

Date .....

Place .....

Width 4'

Description 40-44'E @106
N WALL

.....

.....

1002 - 002

Assay For .....
TPC - NL

BELL-WHITE LABS
Halleybury, Ontario

Sample G № 13043

Date .....

Place .....

Width 4'

Description 36-40'E @106
N WALL

.....

.....

Nil

Assay For .....
TPC - NL

BELL-WHITE LABS
Halleybury, Ontario

Sample G № 13044

Date .....

Place .....

Width 4'

Description 32-36'E @106
N WALL

.....

.....

Nil

Assay For .....
TPC - NL

BELL-WHITE LABS
Halleybury, Ontario

Sample G № 13045

Date .....

Place .....

Width 4'

Description 28-32'E
@106 - N WALL

.....

.....

Nil

Assay For .....
TPC - NL

BELL-WHITE LABS
Halleybury, Ontario

Sample G № 13046

Date .....

Place .....

Width 4'

Description 24-28'E @106
W WALL

.....

.....

Nil

BELL-WHITE LABS
Halleybury, Ontario

Sample G № 13047

Date .....

Place .....

Width 4'

Description 28-32'E
@129 N WALL

.....

.....

Nil

BELL-WHITE LABS
Halleybury, Ontario

Sample G № 13048

Date .....

Place .....

Width 4'

Description 24-28'E @129
N WALL

.....

.....

Nil

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13049

Date
Place
Width 4'
Description 2024'E ⊙179
N WALL
Nil
Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13050

Date
Place
Width 4'
Description 16-20'E
⊙179 W WALL
Nil
Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13052

Date 9/12/85
Place 280 DR N
Width 2.5'
Description 4.5'W-9'W
100'N ⊙105
.002 — .—
Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13053

Date
Place
Width 2.5
Description 9'E-11.5'E
100'N ⊙107
Nil
Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13054

Date
Place
Width 3'
Description E-D WALL
107'N ⊙105
.025 — .015
Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13287

Date 9/12/85
Place 280 DR N
Width 2'
Description E WALL 2'W
56'N ⊙105
Nil
Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13288

Date
Place
Width 2.5'
Description 2'W TO W
WALL
56'N ⊙105
Nil
Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13289

Date
Place
Width 3'
Description E WALL
3' WEST
63'N ⊙105
Nil
Assay For

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13290

Date
Place
Width 1.5
Description 3'W TO
D WALL
63'N ⊙105
Nil
Assay For

BELL-WHITE LABS
Halleybury, Ontario

Sample G № 13102

Date 30/11/85
Place 28E X Cut
Width 4
Description 0-4'E
0105 A
S WALL
.002 - .006
Assay For
TPC · NL

BELL-WHITE LABS
Halleybury, Ontario

Sample G № 13103

Date
Place
Width 4'
Description 4-8'E
0105A
S WALL
Nil
Assay For
TPC · NL

BELL-WHITE LABS
Halleybury, Ontario

Sample G № 13104

Date
Place
Width 2.5
Description 8-10.5'E
0105A
S. WALL
Nil
Assay For
TPC · NL

BELL-WHITE LABS
Halleybury, Ontario

Sample G № 13105

Date
Place
Width 3.5
Description 76.5-80 E
0105A
S. WALL
.002
Assay For
TPC · NL

BELL-WHITE LABS
Halleybury, Ontario

Sample G № 13106

Date
Place
Width 4'
Description 80-84'E
0105A S. WALL
Nil
Assay For
TPC · NL

BELL-WHITE LABS
Halleybury, Ontario

Sample G № 1310

Date
Place
Width 3'
Description 84-89' E
0105A S. WALL
Nil
Assay For
TPC · NL

BELL-WHITE LABS
Halleybury, Ontario

Sample G № 13108

Date
Place
Width 4.5'
Description 10.5 - 15'
E 0105
S WALL
.002
Assay For

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13109

Date DEC/2/85
Place 284 DR S
Width 2.5'
Description (E)WALL 2.5'
W-2'S OF 0136
Nil
Assay For
TPC - NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13110

Date
Place
Width 3.5'
Description 2.5 W TO 6'W
OF E WALL
2'S 0136
Nil
Assay For
TPC - NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13111

Date
Place
Width 2.0'
Description 6' W OF E WALL
TO W' WALL
2' OF 0136
Nil
Assay For
TPC - NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13119

Date 3/12/85
Place 287 DR.S.
Width 4'
Description 3.5-7.5'S 0
105A E WALL
.002
Assay For
TPC - NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13120

Date
Place
Width 4'
Description 7'S 0105A
E WALL 4' TO
W WALL
.002
Assay For
TPC - NL

BELL-WHITE
Haileybury, On

Sample G № 131

Date 3/12/85
Place 284 DR N
Width 2.5'
Description E WALL 2.5
W-2.5' N OF
0136
.00
Assay For
TPC - NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13127

Date
Place
Width 4.5'
Description 2.5' W TO
W WALL
2.6' N 0136
Nil
Assay For
TPC - NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13128

Date
Place
Width 2.5
Description E WALL 2.5'
W-10' N 0
136
Nil
Assay For
TPC - NL

BELL-WHITE LAB
Haileybury, Ontar

Sample G № 131

Date
Place
Width 4.0
Description 2.5' W-6.
W
10' N 0136
.002
Assay For
TPC - NL

BELL-WHITE LABS
Halleybury, Ontario

Sample G № 13130

TR

Date

Place

Width 4.0'

Description 6.5'W TO W WALL 10'N OF 0136

Assay For

TPC - NL

BELL-WHITE LABS
Halleybury, Ontario

Sample G № 13131

TR

Date

Place

Width 3.0'

Description W WALL 3.0' E - 14.5' N 0136

Assay For

TPC - NL

BELL-WHITE LABS
Halleybury, Ontario

Sample G № 13132

TR

Date

Place

Width 3.0'

Description 3.0'W-6.0' E 14.5' N 0136

Assay For

TPC - NL

BELL-WHITE LABS
Halleybury, Ontario

Sample G № 13133

TR

Date

Place

Width 3.5'

Description 6'W TO E WALL 14.5' N 0136

Assay For

TPC - NL

BELL-WHITE LABS
Halleybury, Ontario

Sample G № 13134

Date 3/12/85

Place 282 X CUT

Width 1.5'

Description 39-40.5' E 0105A S WALL

.01

Assay For

TPC - NL

BELL-WHITE LABS
Halleybury, Ontario

Sample G № 13135

Date

Place

Width 3.5'

Description 40.5-44' E 0105A S WALL

NIL

Assay For

TPC - NL

BELL-WHITE LABS
Halleybury, Ontario

Sample G № 13121

Date 3/12/85

Place 282 X CUT

Width 3'

Description 64'-67' E 0105A S WALL

.005

BELL-WHITE LABS
Halleybury, Ontario

Sample G № 13122

Date

Place

Width 4'

Description 60-64' E 0105A S WALL

NIL

BELL-WHITE LABS
Halleybury, Ontario

Sample G № 13123

Date

Place

Width 4'

Description 56-60'E 0105A S WALL

.005

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13124

Date
Place
Width 4'
Description 52-56' E
⊙105A
SWALL
.02-.01
Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13125

Date
Place
Width 4'
Description 48-52' E
⊙105A
SWALL
.03
Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13112

Date 3/12/85
Place 282 X Cut
Width 3'
Description 104'-107'
E ⊙105A
S. WALL
.002
Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13113

Date
Place
Width 3'
Description 101-104' E
⊙105A S. WALL
.01
Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13114

Date
Place
Width 4'
Description 97-101' E
⊙105A
SWALL
Nil
Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13116

Date
Place
Width 4'
Description 89-93' E
⊙105A (S)WALL
Nil
Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13117

Date
Place
Width 2'
Description 87-89' E
⊙105A (S)WALL
.002
Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13118

Date
Place
Width 3.5
Description 72.5-76' E
⊙105A (S)WALL
.005
Assay For
TPC · NL

No. 13115

4'
93-97'
E ⊙105 (S)WALL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13136

Date 4/12/85
Place 282 X Cut
Width 4'
Description 31-35
E @ 105 A
S. WALL
Nil

Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13137

Date
Place
Width 4'
Description 35-39' E
@ 105A
S WALL
.002

Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13138

Date
Place
Width 4'
Description 48-52' E
@ 105 A S WALL

.002 - .002

Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13139

Date
Place
Width 4'
Description 44-48' E
@ 105 A (S) WALL

Nil

Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 131[illegible]
13140

Date
Place
Width 2'
Description 25-27' E
@ 105 A S WALL

.002

Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13141

Date
Place
Width 4
Description 27-31' E
@ 105A S WALL

Nil

Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13142

Date
Place
Width 4'
Description 17-21' E
@ 105 S WALL

.002

Assay For

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13143

Date
Place
Width 4'
Description 21-25' E
@ 105 A S WALL

.005

Assay For

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13263

Date 4/12/85
Place 282 X Cut
Width 4'
Description 121-125' E
@ 105 A
W WALL

.01 - .01

Assay For

BELL-WHITE LABS
Haileybury, Ontario

G № 13152

Sample .005

Date 28/11/85

Place 283 X Cut

Width 4'

Description S. Wall
47-51' E 0102

Assay For

TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

G № 13153

Sample Nil

Date

Place

Width 4'

Description S. Wall
43-47' E of 0203

Assay For

TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

G № 13154

Sample Nil

Date

Place

Width 4'

Description S Wall
39-43 E
0102

Assay For

TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

G № 13155

Sample Nil

Date

Place

Width 2'

Description S Wall
39-37' E
0102

Assay For

TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

G № 13156

Sample .002

Date

Place

Width 2'

Description E of 0102
S Wall

Assay For

TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

G № 13157

Sample Nil

Date

Place

Width 5"

Description S Wall
27-32' E of
0102

Assay For

TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

G № 13158

Sample Nil

Date

Place

Width 4'

Description S Wall
19-23' E
of 0102

Assay For

BELL-WHITE LABS
Haileybury, Ontario

G № 13159

Sample Nil

Date

Place

Width 4'

Description S Wall
23-27' E
of 0102

Assay For

BELL-WHITE LABS
Haileybury, Ontario

G № 13160

Sample Nil

Date

Place

Width 4'

Description S Wall
15-19' E
0102

Assay For

BELL-WHITE LABS
Haileybury, Ontario

G № 13161

Sample NIL

Date

Place

Width 3'

Description S WALL
12-15' E
0102

Assay For

TPC - NL

BELL-WHITE LABS
Haileybury, Ontario

G № 13162

Sample NIL

Date

Place

Width 4'

Description S WALL
12-8' E
0102

Assay For

TPC - NL

BELL-WHITE LABS
Haileybury, Ontario

G № 13163

Sample NIL

Date

Place

Width 4'

Description S WALL
8-4' E
0102

Assay For

TPC - NL

BELL-WHITE LABS
Haileybury, Ontario

G № 13164

Sample .01

Date

Place

Width 4'

Description S WALL
0-4' W
0102

Assay For

TPC - NL

BELL-WHITE LABS
Haileybury, Ontario

G № 13165

Sample .02

Date

Place

Width 4'

Description S WALL
4-8' W
0102

Assay For

TPC - NL

BELL-WHITE LABS
Haileybury, Ontario

G № 13166

Sample .005

Date

Place

Width 4'

Description S WALL
8-12' W
0102

Assay For

TPC - NL

BELL-WHITE LABS
Haileybury, Ontario

G № 13167

Sample NIL

Date

Place

Width 2'

Description S WALL
12-14' W
0102

BELL-WHITE LABS
Haileybury, Ontario

G № 13168

Sample .02
.015

Date

Place

Width 2'

Description S WALL
14-16' W 0102

BELL-WHITE LABS
Haileybury, Ontario

G № 13169

Sample .002

Date

Place

Width 4'

Description S WALL
76-80' E
0102

BELL-WHITE LABS
Haileybury, Ontario

G № 13170

Sample NIL

Date

Place

Width 4'

Description S WALL
24-28W ⊙102

Assay For

TPC - NL

BELL-WHITE LABS
Haileybury, Ontario

G № 13171

Sample NIL

Date

Place

Width 4'

Description 28-32'W
⊙102 S WALL

Assay For

TPC - NL

BELL-WHITE LABS
Haileybury, Ontario

G № 13172

Sample .002

Date

Place

Width 4'

Description S. WALL
16-20'W
⊙102

Assay For

TPC - NL

BELL-WHITE LABS
Haileybury, Ontario

G № 13173

Sample NIL

Date

Place

Width 4'

Description S WALL
20-24'W
⊙102

Assay For

TPC - NL

BELL-WHITE LABS
Haileybury, Ontario

G № 13174

Sample NIL

Date

Place

Width 4'

Description S WALL
24-28'W
⊙102

Assay For

TPC - NL

BELL-WHITE LABS
Haileybury, Ontario

G № 13175

Sample NIL

Date

Place

Width 4'

Description S WALL
28-32'W
⊙102

Assay For

TPC - NL

BELL-WHITE LABS
Haileybury, Ontario

G № 13176

Sample NIL

Date

Place

Width 4'

Description S WALL
32-36'W ⊙102

Assay For

TPC - NL

BELL-WHITE LABS
Haileybury, Ontario

G № 13177

Sample NIL

Date

Place

Width 4'

Description S WALL
36-40'W
⊙102

Assay For

TPC - NL

BELL-WHITE LABS
Haileybury, Ontario

G № 13178

Sample NIL

Date

Place

Width 4'

Description S WALL
40-44'W
⊙102

Assay For

TPC - NL

BELL-WHITE LABS
Haileybury, Ontario

G № 13179

Sample NIL

Date

Place

Width 4'

Description S WALL
44-48'W
0102

Assay For
TPC - NL

BELL-WHITE LABS
Haileybury, Ontario

G № 13180

Sample NIL

Date 29/11/85
283 X Cut

Place

Width 4'

Description S WALL
48-52'W
0102

Assay For
TPC - NL

BELL-WHITE LABS
Haileybury, Ontario

G № 13181

Sample

Date

Place

Width 4'

Description S WALL
52-56'W
0102

NIL

Assay For
TPC - NL

BELL-WHITE LABS
Haileybury, Ontario

G № 13182

Sample

Date

Place

Width 4'

Description 56-60'
W 0102 S WALL

NIL

Assay For
TPC - NL

BELL-WHITE LABS
Haileybury, Ontario

G № 13183

Sample

Date

Place

Width 4'

Description S. WALL
60-64'W
0102

NIL

Assay For
TPC - NL

BELL-WHITE LABS
Haileybury, Ontario

G № 13184

Sample

Date

Place

Width 4'

Description S WALL
64-68'W
0102

.002

Assay For
TPC - NL

BELL-WHITE LABS
Haileybury, Ontario

G № 13185

Sample

Date

Place

Width 4'

Description S WALL
68-72'W
0102

NIL

Assay For
TPC - NL

BELL-WHITE LABS
Haileybury, Ontario

G № 13186

Sample

Date

Place

Width 4'

Description S WALL
72-76'W
0102

NIL

Assay For

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13187

Date 29/11/85
Place 284 DRIFTS
Width 4'
Description 1-5' S 0136 E-W WALL

Nil

Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13188

Date
Place
Width 4'
Description 38' S 0136 W WALL TO E WALL

Nil

Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13189

Date
Place
Width 4'
Description 33' S 0136 W WALL - TO E WALL

Nil

Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13190

Date
Place
Width 4.5'
Description 28' S 0136 W WALL TO E WALL

Nil

Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13191

Date
Place
Width 3.5'
Description 23.5' S 0136 W-E WALL

Nil

Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13192

Date
Place
Width 2.0
Description 18.5' S 0136 E WALL 2.0W

Nil

Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13193

Date
Place
Width 1.5'
Description 18.5 S 0136 2.0' E. W WALL

.002

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13194

Date
Place
Width 4.0'
Description 13 S 0136 E TO W WALL

.002

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13195

Date
Place
Width 3.0'
Description 7.5 S 0136 3' FROM E WALL

Nil

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13196

Date .....
Place .....
Width 1'
Description 3' FROM E WALL
TO W WALL - 7.5'
S 0156
Nil
Assay For .....
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13197

Date 30/11/85
Place 283 X CUT
Width 3'
Description 14-17' W
0156 S WALL
.002
Assay For .....
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13198

Date .....
Place .....
Width 2.5'
Description 11.5-14' W
0136 S WALL
Nil
Assay For .....
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13199

Date .....
Place .....
Width 4'
Description 7.5-11.5'
W 0136 S WALL
.002
Assay For .....
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13200

Date .....
Place .....
Width 3.5'
Description 4-7.5' W
0136 (S) WALL
Nil
Assay For .....
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13101

Date 30/11/85
Place 283 X CUT
Width 4'
Description 0-4' W 0136
S WALL
Nil
Assay For .....
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13264

Date
Place
Width 4'
Description 125-129'
E 0105A
W WALL
Nil
Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13265

Date
Place
Width 4'
Description 129-133'E
0105A
W WALL
.005
Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13266

Date
Place
Width 4'
Description 133-137'E
0105A
W WALL
.005
Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13268

Date 4/12/85
Place 28E X Cut
Width 3'
Description 137-140'E
0105A
W WALL
Nil
Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13144

Date 4/12/85
Place 28E DR N
Width 1'
Description 2.5'E TO
3.5'E
19.5'N 0136
.005
Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13145

Date
Place
Width 2.5'
Description 3.5'E WALL
TO W WALL
19.5 N 0136
Nil
Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13146

Date
Place
Width 1.5'
Description E WALL 1.5'W
25' NORTH
Nil

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13147

Date
Place
Width 1.0'
Description 2.5'E T
3.5'E
25'N 0136
Nil

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13148

Date
Place
Width 3.5'
Description 3.5'TO W WALL
25'N OF 0136
.002

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13149

Date
Place
Width 1'
Description E WALL 1'W
31'N 0136
Nil
Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13150

Date
Place
Width 2'
Description 1'E-3'E
31'N 0136
Nil
Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13251

Date 4/12/85
Place 284 DE N
Width 2'
Description 3' FROM E TO
W WALL
31'N 0136
Nil
Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13252

Date
Place
Width 3'
Description E WALL 3'W
37'N 0136
Nil
Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13253

Date
Place
Width 1.5'
Description 3' FROM E WALL
TO W WALL
37'N 0136
Nil
Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13254

Date
Place
Width 1'
Description E WALL 1'W
42'N 0136
Nil
Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13255

Date
Place
Width 1' E
Description 1' FROM E W
-1'W
42'N 0136
.002

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13256

Date
Place
Width 1'
Description 2' FROM E WALL
TO 3' FROM E
WALL
42'N 0136 Nil

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13257

Date
Place
Width 1'
Description 3'E TO W
WALL
42'N 0136
Nil
Assay For

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13258

Date
Place
Width 3'
Description E WALL
3'W
48'N 0136
Nil

Assay For
TPC - NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13259

Date
Place
Width 1'
Description 3'E TO W
WALL
48' N 0136
.002

Assay For
TPC - NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13260

Date
Place
Width 1'
Description E WALL 1'W
53'N 0136
.001

Assay For
TPC - NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13261

Date
Place
Width 3'
Description 1'E-4'E
53'N 0136
Nil

Assay For
TPC - NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13262

Date
Place
Width 1'
Description 4'E TO W
WALL
53'N 0136
Nil

Assay For
TPC - NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13151
.01

Date 27/11/85
Place 283 X CUT
Width 4.0'
Description S WALL
4-8'E OF 0102

Assay For

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13051
.002

Date 27/11/85
Place 283 X CUT
Width 4.0'
Description S-WALL
0-4'E 0 102

Assay For

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13269

Date 5/12/85
Place 281 X CUT
Width 10'
Description 48'E-58'E
0128
N WALL
Nil

Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13267

Date 5/12/85
Place 281 X CUT
Width 8'
Description 58'E-66'E
0128 N WALL
Nil

Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13270

,045
,065

Date
Place
Width 10'
Description 38'E-48'E
0128
N WALL

Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13271

Date
Place
Width 8'
Description 30'E-38'E
0128
N WALL
Nil

Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13272

Date
Place
Width 7'
Description 23'E-30'E
0128 N WALL
Nil

Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13273

Date
Place
Width 11'
Description 12'E-23'E
0128
N WALL
.005

Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13274

Date
Place
Width 12'
Description 0'E-12'E
0128
N. WALL
Nil

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13300

.11C .10 13300
T.O. .100 pulp

Date .....
Place .....
Width 4'
Description 2.5'W 6'
W -100' N 0105
.....
.....
.....
Assay For .....
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13277

Date 9/12/85
Place 28 X Cut
Width 4'
Description 4-8'E
0129
N WALL
.....
Nil
.....
Assay For .....
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13278

Date .....
Place .....
Width 4'
Description 0-4'E
0129
N WALL
.....
Nil
.....
Assay For .....
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13279

Date .....
Place .....
Width 4'
Description 0-4'W
0129
N WALL
.....
.005
.....
Assay For .....
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13280

Date .....
Place .....
Width 4'
Description 4-8'W
0129 N WALL
.....
.....
Nil
.....
Assay For .....
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13281

Date .....
Place .....
Width 4'
Description 12-16'W
0129 N WALL
.....
.....
.002
.....
Assay For .....
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13282

Date .....
Place .....
Width 4'
Description 8-4' W
0129 N WALL
.....
.....
Nil
.....
Assay For .....

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13275

Date 6/12/85
Place 281 X CUT
Width 4'
Description 12-16'E ⊙ 129 N WALL
Nil
Assay For TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13276

Date
Place
Width 4'
Description 8-12'E ⊙129 N WALL
⊙105
Assay For TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13284

Date
Place
Width 2'
Description 3.5 E TOW WALL 42.5'N ⊙105
Nil
Assay For TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13285

Date
Place
Width 2.5'
Description E WALL 2.5' W 49.5 N ⊙105
Nil
Assay For TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13286

Date
Place
Width 2'
Description 2.5' W TO W WALL 49.5'N ⊙105
Nil
Assay For TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13036

Date 6/12/85
Place 281 X CUT
Width 4'
Description 62'-66'E ⊙128 N WALL
Nil
Assay For TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13037

Date
Place
Width 4'
Description 58-62'E ⊙128 N WALL
Nil

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13038

Date
Place
Width 4'
Description 54-58'E ⊙128 N WALL
Nil

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13039

Date
Place
Width 4'
Description 50-54'E ⊙128 N WALL
Nil

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13291

Date
Place
Width 4.5'
Description E TO W WALL 70'N @105
.Nil
Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13292

Date
Place
Width 3.5
Description E WALL 7.5 W-71'N @105
.002
Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13293

Date
Place
Width 3'
Description 3.5' W TO D WALL 74'N @105
.002
Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13294

Date
Place
Width 3'
Description E WALL 3' W 78'N @105
Nil
Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13295

Date
Place
Width 2.5"
Description 3' W TO W WALL 78'N @105
Nil
Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13296

Date
Place
Width 3'
Description E-W WALL 85'N @105
Nil
Assay For
TPC · NL

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13297

Date
Place
Width 3.5
Description E-W WALL 88.5'N @105
.005
Assay For

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13298

Date
Place
Width 3.5
Description E-W WALL 95'N @105
Nil
Assay For

BELL-WHITE LABS
Haileybury, Ontario

Sample G № 13299

Date
Place
Width 2.5'
Description E WALL 2.5 W 100'N @105
.005

APPENDIX 3

ASSAY SHEETS

timmins
Analytical Services
P.O. Box 842
McIntyre Road
Schumacher, Ontario
Canada P0N 1G0
Phone 705-264-5111

CERTIFICATE OF ANALYSIS

Samples of: Grab and Channel

No.: A - 286 - 85

Date: December 11, 1985

Samples from: Wabigoon Resources Limited

Received: December 9, 1985

ıb number	Shipper number	o.p.t. Au
	H30951	.004
	H30952	1.776*
	H30953	Tr
	H30954	Tr
	H30955	.019
	H30956	Tr
	G13130	Tr
	G13131	Tr
	G13132	Tr
	G13133	Tr

*Checked

P 10111

Timmins Analytical Ser

Per: Richard Wagner 12/12/8

SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, SWASTIKA, ONTARIO P0K 1T0
TELEPHONE: (705) 642-3244
ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

Certificate of Analysis

Certificate No. 61899 Date: Dec. 10, 1985

Received Nov. 29, 1985 47 Samples of split core and ore

Submitted by Wabigoon Resources Ltd., Porcupine, Ontario Att'n: E. Davis

SAMPLE NO.	GOLD Oz./ton	SAMPLE NO.	GOLD Oz./ton	SAMPLE NO.	GOLD Oz./ton
12502	0.010	13152	0.005	13170	Nil
12503	0.002	13153	Nil	13171	Nil
12504	Nil	13154	Nil	13172	0.002
12505	Nil	13155	Nil	13173	Nil
12506	0.040	13156	0.002	13174	Nil
12507	0.090	13157	Nil	13175	Nil
	0.105	13158	Nil	13176	Nil
12508	0.002	13159	Nil	13177	Nil
12509	0.005	13160	Nil	13178	Nil
12510	0.002		Nil	13179	Nil
12511	0.002	13161	Nil	no tag	Nil
12512	Nil	13162	Nil		
12513	0.002	13163	Nil		
12514	0.002	13164	0.010		
12515	Nil	13165	0.020		
12516	Nil	13166	0.005		
12517	Nil	13167	Nil		
13051	0.002	13168	0.020		
13151	0.010		0.015		
	0.010	13169	0.002		

11
18
47
18

Per G. Lebel, Manager

Member Canadian Testing Association

ESTABLISHED 1928

BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 39163

DATE: December 18, 1985

SAMPLE(S) OF: Rejects(106)

RECEIVED: December, 1985

SAMPLE(S) FROM: Wabigoon Resources Ltd., Porcupine, Ontario.

Samp.No.	Oz. Gold
12518)	Trace
8)	Trace
9	Trace
12520	Trace
1	Trace
2	Trace
3	Trace
4	Trace
5	Trace
6)	Trace
6)	0.002*
7	0.002*
8)	0.002*
8)	Trace
9	Trace
12530	Trace
1	Trace
2	Trace
3	Trace
4	Trace
5	Trace
6	0.002*
7	Trace
8	0.002*
9	Trace
12540	Trace
1	Trace
2	Trace
3)	Trace
3)	Trace
4	Trace
5	Trace
6)	0.006
6)	Trace
7	0.002*

Samp.No.	Oz. Gold
12548	0.004
9	Trace
12550	0.004
1	0.002*
2	0.006
3	0.036
4	Trace
5	0.010
6	0.002*
7	Trace
9	Trace
12560	Trace
1)	Trace
1)	Trace
2)	Trace
2)	Trace
3)	Trace
3)	Trace
4	Trace
5	Trace
6	Trace
7	Trace
8)	Trace
8)	Trace
9	Trace
12570	Trace
1	Trace
2	Trace
3	Trace
4	Trace
5	0.002*
6	Trace
7	Trace
8	Trace
9)	Trace

Samp.No.	Oz. Gold
12579)	Trace
12580)	Trace
0)	Trace
1	Trace
2	Trace
3	Trace
4)	0.002*
4)	Trace
6	Trace
7	Trace
8	Trace
9	Trace
12590	Trace
1	0.006
2)	Trace
2)	Trace
3	Trace
4	Trace
5	Trace
6)	Trace
6)	Trace
7	Trace
8)	Trace
8)	Trace
13130)	Trace
0)	Trace
1	Trace
2)	Trace
2)	Trace
3	Trace
30952)	1.70 **
2)	0.020
3	Trace
4	Trace
5	0.020
6	Trace

* Estimated.
** Checked.

35

35

56

106 INV 1974

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

Per

SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, SWASTIKA, ONTARIO P0K 1T0
TELEPHONE: (705) 642-3244
ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

Certificate of Analysis

Certificate No. 62130 Date: Jan. 14, 1986

Received Jan. 9, 1986 66 Samples of split core and ore

Submitted by Wabigoon Resources Ltd., Porcupine, Ontario

SAMPLE NO.	GOLD Oz./ton
12642	0.005
	0.005
12643	0.002
12644	0.002
12645	Nil
12646	Nil
12647	Nil
12648	Nil
12649	Nil
12650	Nil
12651	0.002
12652	Nil
12653	0.030
12654	0.030
12655	0.075
	0.070
second pulp	0.050
	0.050
12656	0.010
12657	0.010

SAMPLE NO.	GOLD Oz./ton
12658	Nil
13002	Nil
13003	Nil
13004	Nil
13005	0.002
13006	0.005
13007	0.010
13008	0.010
	0.005
13009	0.005
13010	Nil
13011	0.005
13012	Nil
13013	Nil
13014	Nil
13015	Nil
13016	0.002
13017	0.005
13018	Nil
13019	Nil

con't.....

Per G. Lebel

G. Lebel, Manager

SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, SWASTIKA, ONTARIO P0K 1T0
TELEPHONE: (705) 642-3244
ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

Certificate of Analysis

Certificate No. 62130 Date: Jan. 14, 1986

Received Jan. 9, 1986 66 Samples of splitcore and ore

Submitted by Wabigoon Resources Ltd., Porcupine, Ontario

SAMPLE NO.	GOLD Oz./ton
13020	Nil
13021	Nil
	0.002
13022	0.002
13023	Nil
13024	0.005
13025	Nil
13026	0.005
13027	0.010
13028	0.005
13029	0.005
13030	Nil
13031	0.010
	0.010
13032	Nil
13036	Nil
13037	Nil
13038	Nil
13039	Nil
13040	Nil

SAMPLE NO.	GOLD Oz./ton
13041	Nil
13042	0.002
	0.002
13043	Nil
13044	Nil
13045	Nil
13046	Nil
13047	Nil
13048	Nil
13049	Nil
13050	Nil
13052	0.002
13053	Nil
13054	0.025
	0.015

Per G. Lebel

G. Lebel, Manager

SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, SWASTIKA, ONTARIO P0K 1T0
TELEPHONE: (705) 642-3244
ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

Certificate of Analysis

Certificate No. 62132 Date: Jan. 14, 1986

Received Jan. 9, 1986 55 Samples of ore

Submitted by Wabigoon Resources Ltd., Porcupine, Ontario

SAMPLE NO.	GOLD Oz./ton	SAMPLE NO.	GOLD Oz./ton	SAMPLE NO.	GOLD Oz./ton
13251	Nil	13270	0.045	13289	Nil
13252	Nil		0.065	13290	Nil
13253	Nil	13271	Nil	13291	Nil
13254	Nil	13272	Nil	13292	0.002
13255	0.002	13273	0.005	13293	0.002
	Nil	13274	Nil	13294	Nil
13256	Nil	13275	Nil	13295	Nil
13257	Nil	13276	0.005	13296	Nil
13258	Nil	13277	Nil	13297	0.005
13259	0.002	13278	Nil	13298	Nil
13260	0.010	13279	0.005	13299	0.005
13261	Nil	13280	Nil	13300	0.110
13262	Nil	13281	0.002		0.105
13263	0.010	13282	Nil	second pulp	0.100
	0.010	13283	Nil		0.140
13264	Nil	13284	Nil	no tag #1	0.002
13265	0.005	13285	Nil	no tag #2	0.005
13266	0.005	13286	Nil	no tag #3	Nil
13267	Nil	13287	Nil	no tag #4	Nil
13268	Nil	13288	Nil	no tag #5	Nil
13269	Nil		Nil		

Per G. Lebel, Manager

Member Canadian Testing Association

ESTABLISHED 1928

SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, SWASTIKA, ONTARIO P0K 1T0
TELEPHONE: (705) 642-3244
ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

Certificate of Analysis

Certificate No. 62131 Date: Jan. 14, 1986

Received Jan. 9, 1986 67 Samples of ore

Submitted by Wabigoon Resources Ltd., Porcupine, Ontario

SAMPLE NO.	GOLD Oz./ton	SAMPLE NO.	GOLD Oz./ton	SAMPLE NO.	GOLD Oz./ton
13101	Nil	13124	0.020	13150	Nil
13102	0.002		0.010	13180	Nil
	0.005	13125	0.005	13181	Nil
13103	Nil	13126	0.002	13182	Nil
13104	Nil	13127	Nil	13183	Nil
13105	0.002	13128	Nil	13184	0.002
13106	Nil	13129	0.002	13185	Nil
13107	Nil	13134	0.010	13186	Nil
13108	0.002	13135	Nil		Nil
13109	Nil	13136	Nil	13187	Nil
13110	Nil	13137	0.002	13188	Nil
13111	Nil	13138	0.002	13189	Nil
13112	0.015		0.002	13190	Nil
	0.015	13139	Nil	13191	Nil
13113	0.010	13140	0.002	13192	Nil
13114	Nil	13141	Nil	13193	0.002
13115	0.005	13142	0.002	13194	0.002
13116	Nil	13143	0.005	13195	Nil
13117	0.002	13144	0.005	13196	Nil
13118	0.005	13145	Nil	13197	0.002
13119	0.002	13146	Nil	13198	Nil
13120	0.002	13147	Nil	13199	0.002
13121	0.005	13148	0.002	13200	Nil
13122	Nil		Nil		
13123	0.005	13149	Nil		

Per G. Lebel, Manager

SAMPLE DATA I

050

5 of 5

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
55.00	60.00	5.00	12856	0.000			Swastika
60.00	64.00	4.00	12857	0.000			
64.00	68.00	4.00	12858	0.000			
68.00	72.00	4.00	12859	0.000			
72.00	76.00	4.00	12860	0.000			
76.00	81.00	5.00	12861	0.000			
81.00	86.00	5.00	12862	0.000			
86.00	89.00	3.00	12863	0.002	0.000	0.001	
89.00	93.00	4.00	12864	0.000			
93.00	96.00	3.00	12865	0.000			
96.00	101.00	5.00	12866	0.000			
101.00	106.00	5.00	12867	0.000			
106.00	111.00	5.00	12868	0.000			
111.00	116.00	5.00	12869	0.000			
116.00	121.00	5.00	12870	0.000			
121.00	126.00	5.00	12871	0.000			
126.00	129.00	3.00	12872	0.020	0.015	0.018	
129.00	132.00	3.00	12873	0.010			
132.00	136.00	4.00	12874	0.000			
136.00	139.00	3.00	12875	0.000			
139.00	142.00	3.00	12876	0.000			
142.00	147.00	5.00	12877	0.002			
147.00	152.00	5.00	12878	0.002			
152.00	156.00	4.00	12879	0.005			
156.00	161.00	5.00	12880	0.000			

APPENDIX A HOLE # HS851

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
161.00	166.00	5.00	12881	0.000			
166.00	171.00	5.00	12882	0.005			
171.00	176.00	5.00	12883	0.005			
176.00	181.00	5.00	12884	0.000			
181.00	186.00	5.00	12885	0.000			
426.00	429.00	3.00	12889	0.000			
429.00	431.00	2.00	12890	0.000			
431.00	436.00	5.00	12891	0.000			
455.00	460.00	5.00	12886	0.000			
460.00	465.00	5.00	12887	0.000			
465.00	469.00	4.00	12888	0.000			
469.00	473.00	4.00	12889	0.000			

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
36.00	40.00	4.00	12892	0.000			Swastika
40.00	44.00	4.00	12893	0.000			
44.00	48.00	4.00	12894	0.000			
48.00	52.00	4.00	12895	0.000			
52.00	56.00	4.00	12896	0.000			
56.00	60.00	4.00	12897	0.002			
60.00	64.00	4.00	12898	0.000			
64.00	68.00	4.00	12899	0.005	0.005	0.005	
68.00	72.00	4.00	12900	0.000			
72.00	76.00	4.00	30072	0.000			
76.00	80.00	4.00	30073	0.000			
80.00	84.00	4.00	30074	0.005			
84.00	88.00	4.00	30075	0.000			
88.00	92.00	4.00	30076	0.000			
92.00	96.00	4.00	30077	0.000			
96.00	100.00	4.00	30078	0.000			
100.00	105.00	5.00	30079	0.002			
105.00	110.00	5.00	30080	0.000			
110.00	115.00	5.00	30081	0.000			
115.00	121.00	6.00	30082	0.000			
121.00	124.00	3.00	30083	0.000			
124.00	129.00	5.00	30084	0.002			
129.00	135.00	6.00	30085	0.000			
135.00	140.00	5.00	30086	0.000			
140.00	145.00	5.00	30087	0.000			

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
145.00	150.00	5.00	30088	0.000			
150.00	155.00	5.00	30089	0.000			
155.00	160.00	5.00	30090	0.000			
160.00	165.00	5.00	30091	0.010	0.010	0.010	
165.00	170.00	5.00	30092	0.010			
170.00	175.00	5.00	30093	0.000			
175.00	180.00	5.00	30094	0.000			
180.00	183.00	3.00	30095	0.002			
183.00	188.00	5.00	30096	0.002			
188.00	193.00	5.00	30097	0.005			
193.00	198.00	5.00	30098	0.000			
198.00	203.00	5.00	30099	0.000			
203.00	206.00	3.00	30100	0.030	0.030	0.030	
206.00	211.00	5.00	30101	0.005			
211.00	216.00	5.00	30102	0.000			
258.00	263.00	5.00	30103	0.000			
263.00	267.00	4.00	30104	0.000			
267.00	271.00	4.00	30105	0.000			
271.00	275.00	4.00	30106	0.000			
275.00	279.00	4.00	30107	0.005	0.002	0.004	
279.00	283.00	4.00	30108	0.000			
283.00	288.00	5.00	30109	0.002			
296.00	301.00	5.00	30110	0.000			

APPENDIX A HOLE # HS852

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
301.00	306.00	5.00	30111	0.000			

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
10.00	15.00	5.00	12824	0.000			Swastika
15.00	17.00	2.00	12825	0.000			
17.00	21.00	4.00	12826	0.000			
21.00	22.00	1.00	12827	0.000			
22.00	26.00	4.00	12828	0.000			
26.00	30.00	4.00	12829	0.000			
30.00	35.00	5.00	12830	0.000			
35.00	40.00	5.00	12831	0.000			
40.00	45.00	5.00	12832	0.000			
45.00	48.00	3.00	12833	0.000			
48.00	52.00	4.00	12834	0.000			
52.00	56.00	4.00	12835	0.000			
56.00	59.00	3.00	12836	0.000			
59.00	63.00	4.00	12837	0.000			
63.00	66.00	3.00	12838	0.000			
66.00	70.00	4.00	12839	0.000			
70.00	74.00	4.00	12840	0.000			
74.00	78.00	4.00	12841	0.000			
78.00	82.00	4.00	12842	0.000			
82.00	86.00	4.00	12843	0.020	0.020	0.020	
86.00	90.00	4.00	12844	0.015			
90.00	95.00	5.00	12845	0.002			
95.00	100.00	5.00	12846	0.000			
100.00	104.00	4.00	12847	0.000			
141.00	146.00	5.00	12848	0.002			

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
146.00	151.00	5.00	12849	0.000			
151.00	156.00	5.00	12850	0.000			
177.00	182.00	5.00	12851	0.000			
182.00	185.50	3.50	12852	0.000			
185.50	189.00	3.50	12853	0.000			
189.00	194.00	5.00	12854	0.000			
194.00	199.00	5.00	12855	0.000			

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
35.00	36.75	1.75	12767	0.000			Swastika
36.75	38.00	1.25	12768	0.000			
38.00	41.30	3.30	12769	0.000			
41.30	42.30	1.00	12770	0.000			
42.30	46.00	3.70	12771	0.000			
46.00	49.50	3.50	12772	0.002	0.005	0.004	
49.50	51.50	2.00	12773	0.002			
51.50	53.00	1.50	12774	0.000			
53.00	55.00	2.00	12775	0.000			
55.00	59.00	4.00	12776	0.000			
59.00	64.00	5.00	12777	0.000			
64.00	69.00	5.00	12778	0.000			
69.00	73.00	4.00	12779	0.000			
73.00	76.00	3.00	12780	0.000			
76.00	78.00	2.00	12781	0.002			
78.00	80.00	2.00	12782	0.000			
80.00	82.50	2.50	12783	0.005	0.002	0.004	
82.50	84.50	2.00	12784	0.000			
84.50	86.00	1.50	12785	0.000			
86.00	88.50	2.50	12786	0.002			
88.50	90.00	1.50	12787	0.000			
90.00	92.00	2.00	12788	0.000			
92.00	94.00	2.00	12789	0.000			
94.00	96.00	2.00	12790	0.000			
96.00	97.50	1.50	12791	0.002			

APPENDIX A HOLE # HS854

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
97.50	99.00	1.50	12792	0.000			
99.00	104.00	5.00	12793	0.002	0.005	0.004	
104.00	106.00	2.00	12794	0.000			
106.00	107.00	1.00	12795	0.000			
107.00	108.50	1.50	12796	0.000			
108.50	110.50	2.00	12797	0.000			
110.50	115.00	4.50	12798	0.002			
115.00	116.00	1.00	12799	0.000			
116.00	120.00	4.00	12800	0.005			
120.00	125.00	5.00	12801	0.002			
125.00	130.00	5.00	12802	0.000			
130.00	135.00	5.00	12803	0.000			
135.00	140.00	5.00	12804	0.000			
140.00	144.00	4.00	12805	0.005	0.002	0.004	
144.00	146.50	2.50	12806	0.000			
146.50	151.00	4.50	12807	0.002			
151.00	156.00	5.00	12808	0.002			
156.00	159.00	3.00	12809	0.002			
159.00	162.00	3.00	12810	0.005			
162.00	166.00	4.00	12811	0.005			
166.00	169.00	3.00	12812	0.002			
169.00	173.00	4.00	12813	0.005	0.005	0.005	
208.50	213.50	5.00	12814	0.000			
213.50	217.00	3.50	12815	0.000			

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
217.00	222.00	5.00	12816	0.000			
222.00	226.50	4.50	12817	0.002			
226.50	228.50	2.00	12818	0.000			
259.00	264.50	5.50	12819	0.000			
265.00	268.50	3.50	12820	0.000			
268.50	273.50	5.00	12821	0.000			
273.50	277.00	3.50	12822	0.002	0.000	0.001	
277.00	282.00	5.00	12823	0.000			

APPENDIX A HOLE # HS855

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
10.00	11.50	1.50	12502	0.010			Swastika
11.50	16.50	5.00	12503	0.002			
16.50	21.50	5.00	12504	0.000			
21.50	26.50	5.00	12505	0.000			
26.50	28.50	2.00	12506	0.040			
28.50	29.50	1.00	12507	0.090	0.100	0.095	
29.50	32.30	2.80	12508	0.002			
32.30	34.80	2.50	12509	0.005			
34.80	39.00	4.20	12510	0.002			
39.00	44.00	5.00	12511	0.002			
44.00	46.50	2.50	12512	0.000			
46.50	47.50	1.00	12513	0.002			
47.50	48.50	1.00	12514	0.002			
48.50	51.60	3.10	12515	0.000			
51.60	56.60	5.00	12516	0.000			
56.60	61.60	5.00	12517	0.000			
61.60	66.60	5.00	12518	0.000			T.A.S.
66.60	69.00	2.40	12519	0.000			
69.00	73.30	4.30	12520	0.000			
73.30	76.00	2.70	12521	0.000			
76.00	78.50	2.50	12522	0.000			
78.50	81.00	2.50	12523	0.000			
81.00	83.10	2.10	12524	0.000			
83.10	86.00	2.90	12525	0.000			
86.00	90.50	4.50	12526	0.000			

APPENDIX A HOLE # HS855

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
90.50	91.50	1.00	12527	0.002			
91.50	96.00	4.50	12528	0.000			
96.00	99.00	3.00	12529	0.000			
99.00	102.00	3.00	12530	0.000			
102.00	106.00	4.00	12531	0.000			
106.00	108.00	2.00	12532	0.000			
108.00	109.50	1.50	12533	0.000			
109.50	114.00	4.50	12534	0.000			
114.00	115.00	1.00	12535	0.000			
115.00	120.00	5.00	12536	0.002			
120.00	123.50	3.50	12537	0.000			
123.50	124.50	1.00	12538	0.002			
124.50	129.00	4.50	12539	0.000			
129.00	133.00	4.00	12540	0.000			
133.00	135.00	2.00	12541	0.000			
135.00	140.00	5.00	12542	0.000			
140.00	145.00	5.00	12543	0.000			
145.00	150.00	5.00	12544	0.000			
150.00	151.25	1.25	12545	0.000			
151.25	154.30	3.05	12546	0.006			
154.30	157.30	3.00	12547	0.002			
157.30	161.40	4.10	12548	0.004			
161.40	164.70	3.30	12549	0.000			
164.70	168.50	3.80	12550	0.004			
168.50	169.50	1.00	12551	0.002			

APPENDIX A

HOLE # HS855

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
169.50	172.50	3.00	12552	0.006			
172.50	175.00	2.50	12553	0.036			
175.00	176.00	1.00	12554	0.000			
176.00	179.50	3.50	12555	0.010			
179.50	181.50	2.00	12556	0.002			
181.50	182.50	1.00	12557	0.000			
182.50	184.00	1.50	12558	0.000			no sampl
184.00	185.00	1.00	12559	0.000			
185.00	187.00	2.00	12560	0.000			
187.00	192.00	5.00	12561	0.000			
192.00	197.00	5.00	12562	0.000			
197.00	202.00	5.00	12563	0.000			
202.00	204.50	2.50	12564	0.000			
204.50	207.50	3.00	12565	0.000			
207.50	210.00	2.50	12566	0.000			
210.00	214.25	4.25	12567	0.000			
214.25	218.50	4.25	12568	0.000			
218.50	221.50	3.00	12569	0.000			
221.50	225.00	3.50	12570	0.000			
225.00	226.00	1.00	12571	0.000			
226.00	228.50	2.50	12572	0.000			
228.50	231.50	3.00	12573	0.000			
231.50	236.00	4.50	12574	0.000			
236.00	239.00	3.00	12575	0.002			
239.00	239.30	0.30	12585	0.000			

APPENDIX A HOLE # HS855

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
239.30	241.50	2.20	12576	0.000			
241.50	242.50	1.00	12577	0.000			
242.50	246.00	3.50	12578	0.000			
246.00	251.00	5.00	12579	0.000			
251.00	256.00	5.00	12580	0.000			
256.00	257.50	1.50	12581	0.000			
257.50	258.50	1.00	12582	0.000			
258.50	259.50	1.00	12583	0.000			
259.50	263.00	3.50	12584	0.002			
263.00	267.90	4.90	12586	0.000			
267.90	268.75	0.85	12587	0.000			
268.75	270.80	2.05	12588	0.010			
270.80	272.30	1.50	12589	0.000			
272.30	276.00	3.70	12590	0.000			
276.00	277.50	1.50	12591	0.006			
277.50	281.50	4.00	12592	0.000			
281.50	286.50	5.00	12593	0.000			
286.50	288.50	2.00	12594	0.000			
288.50	293.00	4.50	12595	0.000			
293.00	298.00	5.00	12596	0.000			
298.00	300.00	2.00	12597	0.000			
300.00	304.00	4.00	12598	0.000			
304.00	308.00	4.00	12599	0.000			
308.00	312.00	4.00	12600	0.000			
312.00	317.00	5.00	12601	0.000			

APPENDIX A HOLE # HS855

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
317.00	319.50	2.50	12602	0.000			
319.50	321.00	1.50	12603	0.000			
321.00	324.00	3.00	12604	0.000			
324.00	326.50	2.50	12605	0.000			
326.50	327.50	1.00	12606	0.000			
327.50	329.80	2.30	12607	0.000			
329.80	334.00	4.20	12608	0.000			
334.00	338.00	4.00	12609	0.000			
338.00	339.00	1.00	12610	0.000			
339.00	344.00	5.00	12611	0.000			
344.00	349.00	5.00	12612	0.000			
349.00	351.50	2.50	12613	0.000			
351.50	354.00	2.50	12614	0.000			
354.00	359.00	5.00	12615	0.000			
359.00	361.50	2.50	12616	0.000			
361.50	364.50	3.00	12617	0.000			
364.50	367.50	3.00	12618	0.000			
367.50	370.00	2.50	12619	0.000			
370.00	374.00	4.00	12620	0.000			
374.00	379.00	5.00	12621	0.000			
379.00	384.00	5.00	12622	0.000			
384.00	389.00	5.00	12623	0.000			
389.00	390.00	1.00	12624	0.000			
390.00	395.00	5.00	12625	0.000			
395.00	400.00	5.00	12626	0.000			

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
400.00	405.00	5.00	12627	0.000			
405.00	408.00	3.00	12628	0.000			
408.00	410.50	2.50	12629	0.000			
410.50	413.00	2.50	12630	0.000			
413.00	416.20	3.20	12631	0.000			
416.20	418.50	2.30	12632	0.000			
418.50	422.50	4.00	12633	0.000			
422.50	427.00	4.50	12634	0.000			
427.00	430.00	3.00	12635	0.000			
430.00	435.00	5.00	12636	0.000			
435.00	440.00	5.00	12637	0.000			
440.00	444.50	4.50	12638	0.000			
444.50	448.00	3.50	12639	0.000			
448.00	451.00	3.00	12640	0.000			
451.00	455.00	4.00	12641	0.000			

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
10.00	12.50	2.50	12642	0.005	0.005	0.005	Swastika
12.50	15.00	2.50	12643	0.002			
15.00	19.50	4.50	12644	0.002			
19.50	20.50	1.00	12645	0.000			
20.50	25.00	4.50	12646	0.000			
25.00	30.00	5.00	12647	0.000			
30.00	35.00	5.00	12648	0.000			
35.00	40.50	5.50	12649	0.000			
40.50	41.50	1.00	12650	0.000			
41.50	44.00	2.50	12651	0.002			
44.00	49.00	5.00	12652	0.000			
49.00	51.00	2.00	12653	0.030			
51.00	52.50	1.50	12654	0.030			
52.50	55.30	2.80	12655	0.062	0.060	0.061	
55.30	58.50	3.20	12656	0.010			
58.50	62.00	3.50	12657	0.010			
62.00	66.00	4.00	12658	0.000			
66.00	69.00	3.00	12659	0.000			
69.00	73.30	4.30	12660	0.000			
73.30	74.50	1.20	12661	0.002			
74.50	76.90	2.40	12662	0.000			
76.90	79.90	3.00	12663	0.000			
79.90	83.50	3.60	12664	0.000			
83.50	86.50	3.00	12665	0.000			
86.50	91.00	4.50	12666	0.000			

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
91.00	94.00	3.00	12667	0.000			
94.00	95.00	1.00	12668	0.000			
95.00	96.00	1.00	12669	0.000			
96.00	96.75	0.75	12670	0.000			
96.75	99.10	2.35	12671	0.000			
99.10	100.50	1.40	12672	0.010	0.015	0.013	
100.50	105.00	4.50	12673	0.000			
105.00	108.00	3.00	12674	0.002			
108.00	111.00	3.00	12675	0.000			
111.00	116.00	5.00	12676	0.000			
116.00	118.50	2.50	12677	0.000			
118.50	123.00	4.50	12678	0.000			
123.00	128.50	5.50	12679	0.000			
128.50	134.00	5.50	12680	0.000			
134.00	137.50	3.50	12681	0.000			
137.50	139.50	2.00	12682	0.000			
139.50	144.00	4.50	12683	0.000			
144.00	147.50	3.50	12684	0.000			
147.50	149.00	1.50	12685	0.000			
149.00	154.00	5.00	12686	0.000			
154.00	158.00	4.00	12687	0.000			
158.00	160.50	2.50	12688	0.002			
160.50	163.00	2.50	12689	0.005			
163.00	168.00	5.00	12690	0.010			
168.00	173.00	5.00	12691	0.002			

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
173.00	175.00	2.00	12692	0.000			
175.00	178.50	3.50	12693	0.000			
178.50	182.50	4.00	12694	0.002			
182.50	185.50	3.00	12695	0.000			
185.50	190.00	4.50	12696	0.010			
190.00	193.50	3.50	12697	0.005			
193.50	198.00	4.50	12698	0.040	0.040	0.040	
198.00	199.00	1.00	12699	0.002			
199.00	203.00	4.00	12700	0.020			
203.00	207.00	4.00	12701	0.005			
207.00	211.00	4.00	12702	0.025			
211.00	213.50	2.50	12703	0.002			
213.50	216.00	2.50	12704	0.047	0.027	0.038	
216.00	221.00	5.00	12705	0.005			
221.00	223.00	2.00	12706	0.023	0.007	0.015	
223.00	226.00	3.00	12707	0.005			
226.00	229.00	3.00	12708	0.000			
229.00	321.70	92.70	12709	0.000			
321.70	235.50	-86.20	12710	0.002			
235.50	240.00	4.50	12711	0.002			
240.00	245.00	5.00	12712	0.005			
245.00	250.00	5.00	12713	0.002			
250.00	251.50	1.50	12714	0.015			
251.50	257.00	5.50	12715	0.015			
257.00	258.00	1.00	12716	0.005			

APPENDIX A HOLE # HS856

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
258.00	263.00	5.00	12717	0.010	0.010	0.010	
263.00	268.00	5.00	12718	0.000			
268.00	273.00	5.00	12719	0.005			
273.00	275.00	2.00	12720	0.000			
275.00	276.00	1.00	12721	0.000			
276.00	281.00	5.00	12722	0.000			
281.00	286.00	5.00	12723	0.000			
286.00	291.00	5.00	12724	0.000			
291.00	296.00	5.00	12725	0.000			
296.00	301.00	5.00	12726	0.000			
301.00	306.00	5.00	12727	0.002			
306.00	311.00	5.00	12728	0.000			
311.00	316.00	5.00	12729	0.000			
316.00	321.00	5.00	12730	0.002	0.002	0.002	
321.00	326.00	5.00	12731	0.000			
326.00	331.00	5.00	12732	0.000			
331.00	336.00	5.00	12733	0.000			
336.00	341.00	5.00	12734	0.000			
341.00	346.00	5.00	12735	0.000			
346.00	351.00	5.00	12736	0.000			
351.00	355.00	4.00	12737	0.000			
355.00	359.00	4.00	12738	0.000			
359.00	363.30	4.30	12739	0.000			
363.30	364.30	1.00	12740	0.000			
364.30	370.00	5.70	12741	0.000			

APPENDIX A HOLE # HS856

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
370.00	375.00	5.00	12742	0.000			
375.00	377.00	2.00	12743	0.000			
377.00	379.00	2.00	12744	0.000			
379.00	384.00	5.00	12745	0.000			
401.20	402.20	1.00	12746	0.000			
407.50	408.00	0.50	12747	0.000			
460.00	461.50	1.50	12748	0.000			
461.50	464.50	3.00	12749	0.002			
464.50	468.20	3.70	12750	0.000			
468.20	471.00	2.80	12751	0.002			
471.00	476.00	5.00	12752	0.000			
476.00	481.00	5.00	12753	0.000			
481.00	483.00	2.00	12754	0.002			
483.00	487.00	4.00	12755	0.002			
487.00	490.00	3.00	12756	0.000			
490.00	495.00	5.00	12757	0.000			
495.00	500.00	5.00	12758	0.000			
500.00	503.00	3.00	12759	0.000			
503.00	506.00	3.00	12760	0.000			
619.50	624.00	4.50	12761	0.000			
624.00	629.00	5.00	12762	0.002			

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
629.00	633.00	4.00	12763	0.000			
633.00	635.00	2.00	12764	0.000			
635.00	640.00	5.00	12765	0.000			
640.00	642.30	2.30	12766	0.002	0.002	0.002	

APPENDIX A HOLE # HS857

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
20.00	24.00	4.00	30112	0.000			Swastika
24.00	28.00	4.00	30113	0.000			
28.00	32.00	4.00	30114	0.002			
32.00	36.00	4.00	30115	0.000			
36.00	40.00	4.00	30116	0.000			
40.00	45.00	5.00	30117	0.000			
45.00	50.00	5.00	30118	0.002	0.002	0.002	
50.00	55.00	5.00	30119	0.000			
55.00	60.00	5.00	30120	0.002			
60.00	64.00	4.00	30121	0.000			
64.00	68.00	4.00	30122	0.000			
68.00	73.00	5.00	30123	0.000			
73.00	78.00	5.00	30124	0.002			
78.00	84.00	6.00	30125	0.000			
84.00	88.00	4.00	30126	0.000			
88.00	92.00	4.00	30127	0.000			
92.00	96.00	4.00	30128	0.000			
96.00	100.00	4.00	30129	0.000			
100.00	104.00	4.00	30130	0.000			
104.00	108.00	4.00	30131	0.000			
108.00	112.00	4.00	30132	0.000			
112.00	116.00	4.00	30133	0.000			
116.00	121.00	5.00	30134	0.000			
121.00	126.00	5.00	30135	0.000			
126.00	131.00	5.00	30136	0.000			

APPENDIX A HOLE # HS857

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
131.00	136.00	5.00	30137	0.000			
136.00	141.00	5.00	30138	0.000			
141.00	146.00	5.00	30139	0.000			
146.00	151.00	5.00	30140	0.000			
151.00	156.00	5.00	30141	0.002			
156.00	161.00	5.00	30142	0.002			
161.00	166.00	5.00	30143	0.002			
166.00	171.00	5.00	30144	0.000			
171.00	176.00	5.00	30145	0.005			
176.00	181.00	5.00	30146	0.002			
181.00	186.00	5.00	30147	0.000			
186.00	191.00	5.00	30148	0.000			
191.00	195.00	4.00	30149	0.000			
195.00	199.00	4.00	30150	0.000			
199.00	203.00	4.00	30151	0.005			
203.00	208.00	5.00	30152	0.000			

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
55.00	60.00	5.00	12856	0.000			Swastika
60.00	64.00	4.00	12857	0.000			
64.00	68.00	4.00	12858	0.000			
68.00	72.00	4.00	12859	0.000			
72.00	76.00	4.00	12860	0.000			
76.00	81.00	5.00	12861	0.000			
81.00	86.00	5.00	12862	0.000			
86.00	89.00	3.00	12863	0.002	0.000	0.001	
89.00	93.00	4.00	12864	0.000			
93.00	96.00	3.00	12865	0.000			
96.00	101.00	5.00	12866	0.000			
101.00	106.00	5.00	12867	0.000			
106.00	111.00	5.00	12868	0.000			
111.00	116.00	5.00	12869	0.000			
116.00	121.00	5.00	12870	0.000			
121.00	126.00	5.00	12871	0.000			
126.00	129.00	3.00	12872	0.020	0.015	0.018	
129.00	132.00	3.00	12873	0.010			
132.00	136.00	4.00	12874	0.000			
136.00	139.00	3.00	12875	0.000			
139.00	142.00	3.00	12876	0.000			
142.00	147.00	5.00	12877	0.002			
147.00	152.00	5.00	12878	0.002			
152.00	156.00	4.00	12879	0.005			
156.00	161.00	5.00	12880	0.000			

APPENDIX A HOLE # HS851

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
161.00	166.00	5.00	12881	0.000			
166.00	171.00	5.00	12882	0.005			
171.00	176.00	5.00	12883	0.005			
176.00	181.00	5.00	12884	0.000			
181.00	186.00	5.00	12885	0.000			
426.00	429.00	3.00	12889	0.000			
429.00	431.00	2.00	12890	0.000			
431.00	436.00	5.00	12891	0.000			
455.00	460.00	5.00	12886	0.000			
460.00	465.00	5.00	12887	0.000			
465.00	469.00	4.00	12888	0.000			
469.00	473.00	4.00	12889	0.000			

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
36.00	40.00	4.00	12892	0.000			Swastika
40.00	44.00	4.00	12893	0.000			
44.00	48.00	4.00	12894	0.000			
48.00	52.00	4.00	12895	0.000			
52.00	56.00	4.00	12896	0.000			
56.00	60.00	4.00	12897	0.002			
60.00	64.00	4.00	12898	0.000			
64.00	68.00	4.00	12899	0.005	0.005	0.005	
68.00	72.00	4.00	12900	0.000			
72.00	76.00	4.00	30072	0.000			
76.00	80.00	4.00	30073	0.000			
80.00	84.00	4.00	30074	0.005			
84.00	88.00	4.00	30075	0.000			
88.00	92.00	4.00	30076	0.000			
92.00	96.00	4.00	30077	0.000			
96.00	100.00	4.00	30078	0.000			
100.00	105.00	5.00	30079	0.002			
105.00	110.00	5.00	30080	0.000			
110.00	115.00	5.00	30081	0.000			
115.00	121.00	6.00	30082	0.000			
121.00	124.00	3.00	30083	0.000			
124.00	129.00	5.00	30084	0.002			
129.00	135.00	6.00	30085	0.000			
135.00	140.00	5.00	30086	0.000			
140.00	145.00	5.00	30087	0.000			

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
145.00	150.00	5.00	30088	0.000			
150.00	155.00	5.00	30089	0.000			
155.00	160.00	5.00	30090	0.000			
160.00	165.00	5.00	30091	0.010	0.010	0.010	
165.00	170.00	5.00	30092	0.010			
170.00	175.00	5.00	30093	0.000			
175.00	180.00	5.00	30094	0.000			
180.00	183.00	3.00	30095	0.002			
183.00	188.00	5.00	30096	0.002			
188.00	193.00	5.00	30097	0.005			
193.00	198.00	5.00	30098	0.000			
198.00	203.00	5.00	30099	0.000			
203.00	206.00	3.00	30100	0.030	0.030	0.030	
206.00	211.00	5.00	30101	0.005			
211.00	216.00	5.00	30102	0.000			
258.00	263.00	5.00	30103	0.000			
263.00	267.00	4.00	30104	0.000			
267.00	271.00	4.00	30105	0.000			
271.00	275.00	4.00	30106	0.000			
275.00	279.00	4.00	30107	0.005	0.002	0.004	
279.00	283.00	4.00	30108	0.000			
283.00	288.00	5.00	30109	0.002			
296.00	301.00	5.00	30110	0.000			

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
301.00	306.00	5.00	30111	0.000			

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
10.00	15.00	5.00	12824	0.000			Swastika
15.00	17.00	2.00	12825	0.000			
17.00	21.00	4.00	12826	0.000			
21.00	22.00	1.00	12827	0.000			
22.00	26.00	4.00	12828	0.000			
26.00	30.00	4.00	12829	0.000			
30.00	35.00	5.00	12830	0.000			
35.00	40.00	5.00	12831	0.000			
40.00	45.00	5.00	12832	0.000			
45.00	48.00	3.00	12833	0.000			
48.00	52.00	4.00	12834	0.000			
52.00	56.00	4.00	12835	0.000			
56.00	59.00	3.00	12836	0.000			
59.00	63.00	4.00	12837	0.000			
63.00	66.00	3.00	12838	0.000			
66.00	70.00	4.00	12839	0.000			
70.00	74.00	4.00	12840	0.000			
74.00	78.00	4.00	12841	0.000			
78.00	82.00	4.00	12842	0.000			
82.00	86.00	4.00	12843	0.020	0.020	0.020	
86.00	90.00	4.00	12844	0.015			
90.00	95.00	5.00	12845	0.002			
95.00	100.00	5.00	12846	0.000			
100.00	104.00	4.00	12847	0.000			
141.00	146.00	5.00	12848	0.002			

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
146.00	151.00	5.00	12849	0.000			
151.00	156.00	5.00	12850	0.000			
177.00	182.00	5.00	12851	0.000			
182.00	185.50	3.50	12852	0.000			
185.50	189.00	3.50	12853	0.000			
189.00	194.00	5.00	12854	0.000			
194.00	199.00	5.00	12855	0.000			

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
35.00	36.75	1.75	12767	0.000			Swastika
36.75	38.00	1.25	12768	0.000			
38.00	41.30	3.30	12769	0.000			
41.30	42.30	1.00	12770	0.000			
42.30	46.00	3.70	12771	0.000			
46.00	49.50	3.50	12772	0.002	0.005	0.004	
49.50	51.50	2.00	12773	0.002			
51.50	53.00	1.50	12774	0.000			
53.00	55.00	2.00	12775	0.000			
55.00	59.00	4.00	12776	0.000			
59.00	64.00	5.00	12777	0.000			
64.00	69.00	5.00	12778	0.000			
69.00	73.00	4.00	12779	0.000			
73.00	76.00	3.00	12780	0.000			
76.00	78.00	2.00	12781	0.002			
78.00	80.00	2.00	12782	0.000			
80.00	82.50	2.50	12783	0.005	0.002	0.004	
82.50	84.50	2.00	12784	0.000			
84.50	86.00	1.50	12785	0.000			
86.00	88.50	2.50	12786	0.002			
88.50	90.00	1.50	12787	0.000			
90.00	92.00	2.00	12788	0.000			
92.00	94.00	2.00	12789	0.000			
94.00	96.00	2.00	12790	0.000			
96.00	97.50	1.50	12791	0.002			

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
97.50	99.00	1.50	12792	0.000			
99.00	104.00	5.00	12793	0.002	0.005	0.004	
104.00	106.00	2.00	12794	0.000			
106.00	107.00	1.00	12795	0.000			
107.00	108.50	1.50	12796	0.000			
108.50	110.50	2.00	12797	0.000			
110.50	115.00	4.50	12798	0.002			
115.00	116.00	1.00	12799	0.000			
116.00	120.00	4.00	12800	0.005			
120.00	125.00	5.00	12801	0.002			
125.00	130.00	5.00	12802	0.000			
130.00	135.00	5.00	12803	0.000			
135.00	140.00	5.00	12804	0.000			
140.00	144.00	4.00	12805	0.005	0.002	0.004	
144.00	146.50	2.50	12806	0.000			
146.50	151.00	4.50	12807	0.002			
151.00	156.00	5.00	12808	0.002			
156.00	159.00	3.00	12809	0.002			
159.00	162.00	3.00	12810	0.005			
162.00	166.00	4.00	12811	0.005			
166.00	169.00	3.00	12812	0.002			
169.00	173.00	4.00	12813	0.005	0.005	0.005	
208.50	213.50	5.00	12814	0.000			
213.50	217.00	3.50	12815	0.000			

APPENDIX A

HOLE # HS854

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
217.00	222.00	5.00	12816	0.000			
222.00	226.50	4.50	12817	0.002			
226.50	228.50	2.00	12818	0.000			
259.00	264.50	5.50	12819	0.000			
265.00	268.50	3.50	12820	0.000			
268.50	273.50	5.00	12821	0.000			
273.50	277.00	3.50	12822	0.002	0.000	0.001	
277.00	282.00	5.00	12823	0.000			

APPENDIX A HOLE # HS855

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
10.00	11.50	1.50	12502	0.010			Swastika
11.50	16.50	5.00	12503	0.002			
16.50	21.50	5.00	12504	0.000			
21.50	26.50	5.00	12505	0.000			
26.50	28.50	2.00	12506	0.040			
28.50	29.50	1.00	12507	0.090	0.100	0.095	
29.50	32.30	2.80	12508	0.002			
32.30	34.80	2.50	12509	0.005			
34.80	39.00	4.20	12510	0.002			
39.00	44.00	5.00	12511	0.002			
44.00	46.50	2.50	12512	0.000			
46.50	47.50	1.00	12513	0.002			
47.50	48.50	1.00	12514	0.002			
48.50	51.60	3.10	12515	0.000			
51.60	56.60	5.00	12516	0.000			
56.60	61.60	5.00	12517	0.000			
61.60	66.60	5.00	12518	0.000			T.A.S.
66.60	69.00	2.40	12519	0.000			
69.00	73.30	4.30	12520	0.000			
73.30	76.00	2.70	12521	0.000			
76.00	78.50	2.50	12522	0.000			
78.50	81.00	2.50	12523	0.000			
81.00	83.10	2.10	12524	0.000			
83.10	86.00	2.90	12525	0.000			
86.00	90.50	4.50	12526	0.000			

APPENDIX A HOLE # HS855

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
90.50	91.50	1.00	12527	0.002			
91.50	96.00	4.50	12528	0.000			
96.00	99.00	3.00	12529	0.000			
99.00	102.00	3.00	12530	0.000			
102.00	106.00	4.00	12531	0.000			
106.00	108.00	2.00	12532	0.000			
108.00	109.50	1.50	12533	0.000			
109.50	114.00	4.50	12534	0.000			
114.00	115.00	1.00	12535	0.000			
115.00	120.00	5.00	12536	0.002			
120.00	123.50	3.50	12537	0.000			
123.50	124.50	1.00	12538	0.002			
124.50	129.00	4.50	12539	0.000			
129.00	133.00	4.00	12540	0.000			
133.00	135.00	2.00	12541	0.000			
135.00	140.00	5.00	12542	0.000			
140.00	145.00	5.00	12543	0.000			
145.00	150.00	5.00	12544	0.000			
150.00	151.25	1.25	12545	0.000			
151.25	154.30	3.05	12546	0.006			
154.30	157.30	3.00	12547	0.002			
157.30	161.40	4.10	12548	0.004			
161.40	164.70	3.30	12549	0.000			
164.70	168.50	3.80	12550	0.004			
168.50	169.50	1.00	12551	0.002			

APPENDIX A HOLE # HS855

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
169.50	172.50	3.00	12552	0.006			
172.50	175.00	2.50	12553	0.036			
175.00	176.00	1.00	12554	0.000			
176.00	179.50	3.50	12555	0.010			
179.50	181.50	2.00	12556	0.002			
181.50	182.50	1.00	12557	0.000			
182.50	184.00	1.50	12558	0.000			no sampl
184.00	185.00	1.00	12559	0.000			
185.00	187.00	2.00	12560	0.000			
187.00	192.00	5.00	12561	0.000			
192.00	197.00	5.00	12562	0.000			
197.00	202.00	5.00	12563	0.000			
202.00	204.50	2.50	12564	0.000			
204.50	207.50	3.00	12565	0.000			
207.50	210.00	2.50	12566	0.000			
210.00	214.25	4.25	12567	0.000			
214.25	218.50	4.25	12568	0.000			
218.50	221.50	3.00	12569	0.000			
221.50	225.00	3.50	12570	0.000			
225.00	226.00	1.00	12571	0.000			
226.00	228.50	2.50	12572	0.000			
228.50	231.50	3.00	12573	0.000			
231.50	236.00	4.50	12574	0.000			
236.00	239.00	3.00	12575	0.002			
239.00	239.30	0.30	12585	0.000			

APPENDIX A

HOLE # HS855

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
239.30	241.50	2.20	12576	0.000			
241.50	242.50	1.00	12577	0.000			
242.50	246.00	3.50	12578	0.000			
246.00	251.00	5.00	12579	0.000			
251.00	256.00	5.00	12580	0.000			
256.00	257.50	1.50	12581	0.000			
257.50	258.50	1.00	12582	0.000			
258.50	259.50	1.00	12583	0.000			
259.50	263.00	3.50	12584	0.002			
263.00	267.90	4.90	12586	0.000			
267.90	268.75	0.85	12587	0.000			
268.75	270.80	2.05	12588	0.010			
270.80	272.30	1.50	12589	0.000			
272.30	276.00	3.70	12590	0.000			
276.00	277.50	1.50	12591	0.006			
277.50	281.50	4.00	12592	0.000			
281.50	286.50	5.00	12593	0.000			
286.50	288.50	2.00	12594	0.000			
288.50	293.00	4.50	12595	0.000			
293.00	298.00	5.00	12596	0.000			
298.00	300.00	2.00	12597	0.000			
300.00	304.00	4.00	12598	0.000			
304.00	308.00	4.00	12599	0.000			
308.00	312.00	4.00	12600	0.000			
312.00	317.00	5.00	12601	0.000			

APPENDIX A HOLE # HS855

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
317.00	319.50	2.50	12602	0.000			
319.50	321.00	1.50	12603	0.000			
321.00	324.00	3.00	12604	0.000			
324.00	326.50	2.50	12605	0.000			
326.50	327.50	1.00	12606	0.000			
327.50	329.80	2.30	12607	0.000			
329.80	334.00	4.20	12608	0.000			
334.00	338.00	4.00	12609	0.000			
338.00	339.00	1.00	12610	0.000			
339.00	344.00	5.00	12611	0.000			
344.00	349.00	5.00	12612	0.000			
349.00	351.50	2.50	12613	0.000			
351.50	354.00	2.50	12614	0.000			
354.00	359.00	5.00	12615	0.000			
359.00	361.50	2.50	12616	0.000			
361.50	364.50	3.00	12617	0.000			
364.50	367.50	3.00	12618	0.000			
367.50	370.00	2.50	12619	0.000			
370.00	374.00	4.00	12620	0.000			
374.00	379.00	5.00	12621	0.000			
379.00	384.00	5.00	12622	0.000			
384.00	389.00	5.00	12623	0.000			
389.00	390.00	1.00	12624	0.000			
390.00	395.00	5.00	12625	0.000			
395.00	400.00	5.00	12626	0.000			

APPENDIX A

HOLE # HS855

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
400.00	405.00	5.00	12627	0.000			
405.00	408.00	3.00	12628	0.000			
408.00	410.50	2.50	12629	0.000			
410.50	413.00	2.50	12630	0.000			
413.00	416.20	3.20	12631	0.000			
416.20	418.50	2.30	12632	0.000			
418.50	422.50	4.00	12633	0.000			
422.50	427.00	4.50	12634	0.000			
427.00	430.00	3.00	12635	0.000			
430.00	435.00	5.00	12636	0.000			
435.00	440.00	5.00	12637	0.000			
440.00	444.50	4.50	12638	0.000			
444.50	448.00	3.50	12639	0.000			
448.00	451.00	3.00	12640	0.000			
451.00	455.00	4.00	12641	0.000			

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
10.00	12.50	2.50	12642	0.005	0.005	0.005	Swastika
12.50	15.00	2.50	12643	0.002			
15.00	19.50	4.50	12644	0.002			
19.50	20.50	1.00	12645	0.000			
20.50	25.00	4.50	12646	0.000			
25.00	30.00	5.00	12647	0.000			
30.00	35.00	5.00	12648	0.000			
35.00	40.50	5.50	12649	0.000			
40.50	41.50	1.00	12650	0.000			
41.50	44.00	2.50	12651	0.002			
44.00	49.00	5.00	12652	0.000			
49.00	51.00	2.00	12653	0.030			
51.00	52.50	1.50	12654	0.030			
52.50	55.30	2.80	12655	0.062	0.060	0.061	
55.30	58.50	3.20	12656	0.010			
58.50	62.00	3.50	12657	0.010			
62.00	66.00	4.00	12658	0.000			
66.00	69.00	3.00	12659	0.000			
69.00	73.30	4.30	12660	0.000			
73.30	74.50	1.20	12661	0.002			
74.50	76.90	2.40	12662	0.000			
76.90	79.90	3.00	12663	0.000			
79.90	83.50	3.60	12664	0.000			
83.50	86.50	3.00	12665	0.000			
86.50	91.00	4.50	12666	0.000			

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
91.00	94.00	3.00	12667	0.000			
94.00	95.00	1.00	12668	0.000			
95.00	96.00	1.00	12669	0.000			
96.00	96.75	0.75	12670	0.000			
96.75	99.10	2.35	12671	0.000			
99.10	100.50	1.40	12672	0.010	0.015	0.013	
100.50	105.00	4.50	12673	0.000			
105.00	108.00	3.00	12674	0.002			
108.00	111.00	3.00	12675	0.000			
111.00	116.00	5.00	12676	0.000			
116.00	118.50	2.50	12677	0.000			
118.50	123.00	4.50	12678	0.000			
123.00	128.50	5.50	12679	0.000			
128.50	134.00	5.50	12680	0.000			
134.00	137.50	3.50	12681	0.000			
137.50	139.50	2.00	12682	0.000			
139.50	144.00	4.50	12683	0.000			
144.00	147.50	3.50	12684	0.000			
147.50	149.00	1.50	12685	0.000			
149.00	154.00	5.00	12686	0.000			
154.00	158.00	4.00	12687	0.000			
158.00	160.50	2.50	12688	0.002			
160.50	163.00	2.50	12689	0.005			
163.00	168.00	5.00	12690	0.010			
168.00	173.00	5.00	12691	0.002			

APPENDIX A HOLE # HS856

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
173.00	175.00	2.00	12692	0.000			
175.00	178.50	3.50	12693	0.000			
178.50	182.50	4.00	12694	0.002			
182.50	185.50	3.00	12695	0.000			
185.50	190.00	4.50	12696	0.010			
190.00	193.50	3.50	12697	0.005			
193.50	198.00	4.50	12698	0.040	0.040	0.040	
198.00	199.00	1.00	12699	0.002			
199.00	203.00	4.00	12700	0.020			
203.00	207.00	4.00	12701	0.005			
207.00	211.00	4.00	12702	0.025			
211.00	213.50	2.50	12703	0.002			
213.50	216.00	2.50	12704	0.047	0.027	0.038	
216.00	221.00	5.00	12705	0.005			
221.00	223.00	2.00	12706	0.023	0.007	0.015	
223.00	226.00	3.00	12707	0.005			
226.00	229.00	3.00	12708	0.000			
229.00	321.70	92.70	12709	0.000			
321.70	235.50	-86.20	12710	0.002			
235.50	240.00	4.50	12711	0.002			
240.00	245.00	5.00	12712	0.005			
245.00	250.00	5.00	12713	0.002			
250.00	251.50	1.50	12714	0.015			
251.50	257.00	5.50	12715	0.015			
257.00	258.00	1.00	12716	0.005			

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
258.00	263.00	5.00	12717	0.010	0.010	0.010	
263.00	268.00	5.00	12718	0.000			
268.00	273.00	5.00	12719	0.005			
273.00	275.00	2.00	12720	0.000			
275.00	276.00	1.00	12721	0.000			
276.00	281.00	5.00	12722	0.000			
281.00	286.00	5.00	12723	0.000			
286.00	291.00	5.00	12724	0.000			
291.00	296.00	5.00	12725	0.000			
296.00	301.00	5.00	12726	0.000			
301.00	306.00	5.00	12727	0.002			
306.00	311.00	5.00	12728	0.000			
311.00	316.00	5.00	12729	0.000			
316.00	321.00	5.00	12730	0.002	0.002	0.002	
321.00	326.00	5.00	12731	0.000			
326.00	331.00	5.00	12732	0.000			
331.00	336.00	5.00	12733	0.000			
336.00	341.00	5.00	12734	0.000			
341.00	346.00	5.00	12735	0.000			
346.00	351.00	5.00	12736	0.000			
351.00	355.00	4.00	12737	0.000			
355.00	359.00	4.00	12738	0.000			
359.00	363.30	4.30	12739	0.000			
363.30	364.30	1.00	12740	0.000			
364.30	370.00	5.70	12741	0.000			

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
370.00	375.00	5.00	12742	0.000			
375.00	377.00	2.00	12743	0.000			
377.00	379.00	2.00	12744	0.000			
379.00	384.00	5.00	12745	0.000			
401.20	402.20	1.00	12746	0.000			
407.50	408.00	0.50	12747	0.000			
460.00	461.50	1.50	12748	0.000			
461.50	464.50	3.00	12749	0.002			
464.50	468.20	3.70	12750	0.000			
468.20	471.00	2.80	12751	0.002			
471.00	476.00	5.00	12752	0.000			
476.00	481.00	5.00	12753	0.000			
481.00	483.00	2.00	12754	0.002			
483.00	487.00	4.00	12755	0.002			
487.00	490.00	3.00	12756	0.000			
490.00	495.00	5.00	12757	0.000			
495.00	500.00	5.00	12758	0.000			
500.00	503.00	3.00	12759	0.000			
503.00	506.00	3.00	12760	0.000			
619.50	624.00	4.50	12761	0.000			
624.00	629.00	5.00	12762	0.002			

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
629.00	633.00	4.00	12763	0.000			
633.00	635.00	2.00	12764	0.000			
635.00	640.00	5.00	12765	0.000			
640.00	642.30	2.30	12766	0.002	0.002	0.002	

APPENDIX A HOLE # HS857

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
20.00	24.00	4.00	30112	0.000			Swastika
24.00	28.00	4.00	30113	0.000			
28.00	32.00	4.00	30114	0.002			
32.00	36.00	4.00	30115	0.000			
36.00	40.00	4.00	30116	0.000			
40.00	45.00	5.00	30117	0.000			
45.00	50.00	5.00	30118	0.002	0.002	0.002	
50.00	55.00	5.00	30119	0.000			
55.00	60.00	5.00	30120	0.002			
60.00	64.00	4.00	30121	0.000			
64.00	68.00	4.00	30122	0.000			
68.00	73.00	5.00	30123	0.000			
73.00	78.00	5.00	30124	0.002			
78.00	84.00	6.00	30125	0.000			
84.00	88.00	4.00	30126	0.000			
88.00	92.00	4.00	30127	0.000			
92.00	96.00	4.00	30128	0.000			
96.00	100.00	4.00	30129	0.000			
100.00	104.00	4.00	30130	0.000			
104.00	108.00	4.00	30131	0.000			
108.00	112.00	4.00	30132	0.000			
112.00	116.00	4.00	30133	0.000			
116.00	121.00	5.00	30134	0.000			
121.00	126.00	5.00	30135	0.000			
126.00	131.00	5.00	30136	0.000			

APPENDIX A

HOLE # HS857

SAMPLE DATA RECORD

FROM	TO	LENGTH	SAMPLE #	ASSAY	ASSAY	AVERAGE	REMARKS
131.00	136.00	5.00	30137	0.000			
136.00	141.00	5.00	30138	0.000			
141.00	146.00	5.00	30139	0.000			
146.00	151.00	5.00	30140	0.000			
151.00	156.00	5.00	30141	0.002			
156.00	161.00	5.00	30142	0.002			
161.00	166.00	5.00	30143	0.002			
166.00	171.00	5.00	30144	0.000			
171.00	176.00	5.00	30145	0.005			
176.00	181.00	5.00	30146	0.002			
181.00	186.00	5.00	30147	0.000			
186.00	191.00	5.00	30148	0.000			
191.00	195.00	4.00	30149	0.000			
195.00	199.00	4.00	30150	0.000			
199.00	203.00	4.00	30151	0.005			
203.00	208.00	5.00	30152	0.000			

WABIGOON RESOURCES LIMITED

GEOLOGICAL COLOUR CODE SYSTEM FOR

HUNTER GOLD MINE

(PRISMACOLOUR)

	ULTRAMAFICS	(#903 / 904)
	PROPHYRIES	(#929)
	MINERALIZED SHEAR ZONE	(#910)
	DIABASE	(#931)
	QUARTZ ANKERITE BRECIA (Q.A.B.)	(#918)
	QUARTZ ANKERITE ROCK (Q.A.R.)	(#946)
	QUARTZ VEINS AND STRINGERS	(#924 or red ink)
	GREYWACKE	(#936)
	ARGILLITE	(#935)

WABIGOON RESOURCES LIMITED

GEOLOGICAL COLOUR CODE SYSTEM FOR

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(PRISMACOLOUR)

	ULTRAMAFICS	(#903 / 904)
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	QUARTZ VEINS AND STRINGERS	(#924 or red ink)
	GREYWACKE	(#936)
	ARGILLITE	(#935)

WABIGOON RESOURCES LIMITED

GEOLOGICAL ABBREVIATIONS FOR

SECTION & PLAN PLOTTING OF LITHOLOGICAL UNITS

FOR HUNTER GOLD MINE

B'd.	-	Brecciated
T.	-	Talc, Talcose
A.	-	Ankerite, Ankeritic, Carbonate
S.	-	Sericite, Sericitic
C.	-	Chlorite, Chloritic
Q.	-	Quartz, Siliceous, Silicified
To.	-	Tourmaline
R.	-	"Rock" (EX."Quartz / Ankerite Rock")
G.	-	Graphitic
Ob.	-	Overburden
cbv.	-	Coffee brown quartz vein
Arg.	-	Argillite, Banded Tuff
B.	-	Breccia
BKT	-	"Brooksite"
GB.	-	Diabase
Gwke.	-	Greywacke, Siltstone
F.P.	-	Feldspar porphyry
Sc.	-	Schist
Spst.	-	Soapstone
U.M.	-	Ultramafic, Altd Ultramafic

WABIGOON RESOURCES LIMITED

GEOLOGICAL ABBREVIATIONS FOR

SECTION & PLAN PLOTTING OF LITHOLOGICAL UNITS

FOR HUNTER GOLD MINE

B'd.	-	Brecciated
T.	-	Talc, Talcose
A.	-	Ankerite, Ankeritic, Carbonate
S.	-	Sericite, Sericitic
C.	-	Chlorite, Chloritic
Q.	-	Quartz, Siliceous, Silicified
To.	-	Tourmaline
R.	-	"Rock" (EX."Quartz / Ankerite Rock")
G.	-	Graphitic
Ob.	-	Overburden
cbv.	-	Coffee brown quartz vein
Arg.	-	Argillite, Banded Tuff
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BKT	-	"Brooksite"
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Gwke.	-	Greywacke, Siltstone
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Sc.	-	Schist
Spst.	-	Soapstone
U.M.	-	Ultramafic, Altd Ultramafic

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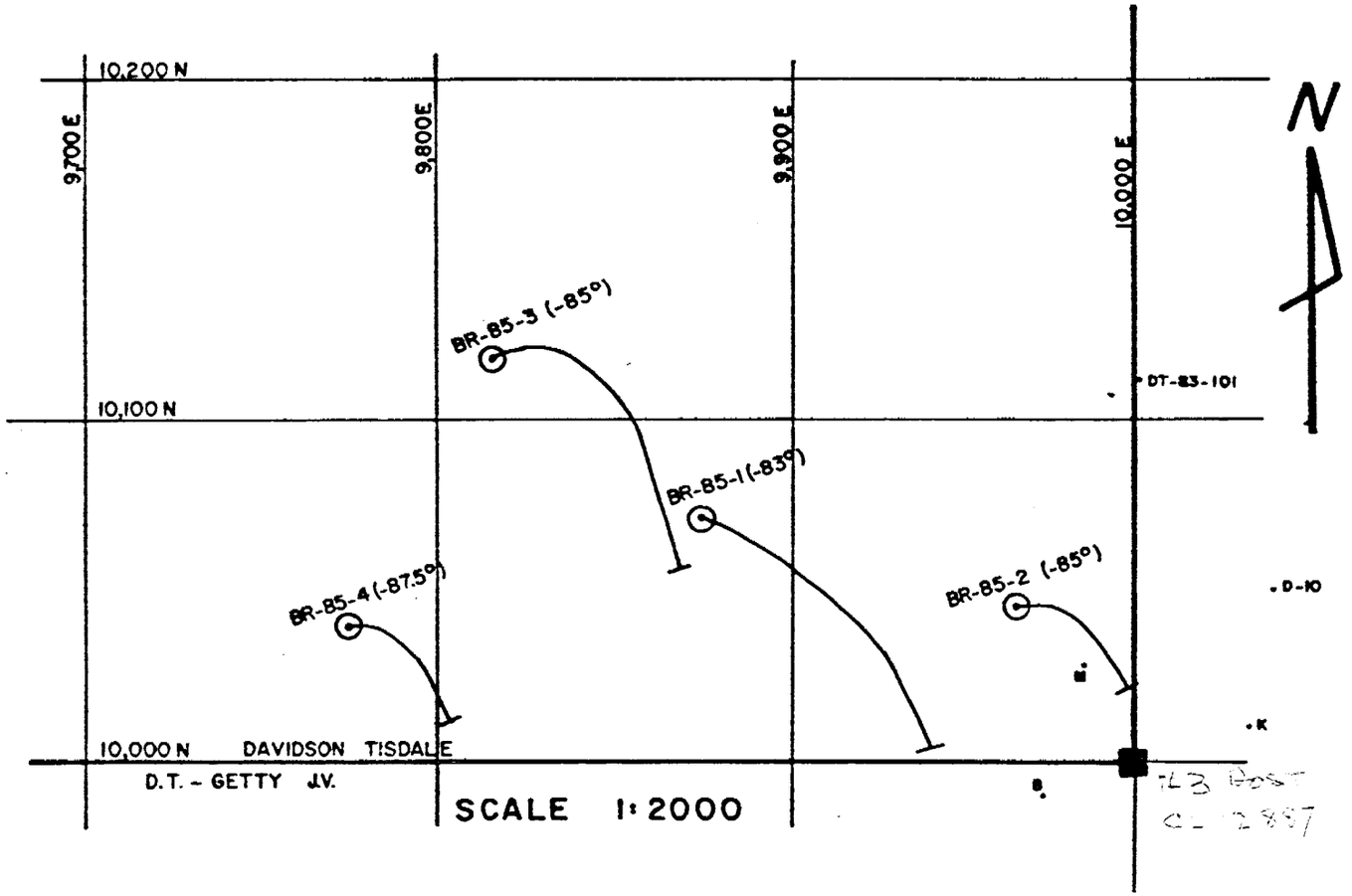
DIAMOND DRILL HOLE RECORD

PROJECT **DAVIDSON TISDALE MINES LTD.**
HOLE No. BR-85-1

LOCATION	DIP TEST			LEVEL	HORIZONTAL COMPONENT	DATE STARTED October 23, 1985
AREA or TWP. TISDALE TWP.	FOOTAGE	ANGLE RECORDING	ANGLE CORRECTED		VERTICAL COMPONENT	DATE FINISHED November 3, 1985
CLAIM No. Patent 12887				ELEVATION	BEARING	LOGGED BY K. Guy
NTS UTM				LATITUDE 10,072N	LENGTH 586.5 m	PURPOSE Test DT; zone at depth
				DEPARTURE 9875E	CORE LOCATION DT property	TOT. RECOVERY 100%

DIAMOND DRILL HOLE LOCATION SKETCH



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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. BR-85-1 Page 1 of 10

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
0	21.4m	Casing - overburden							
21.4	49.1	Mg Tholeiite Basalt - altered			51601	25.5	27.0	1.5	29
		- grey to buff colour			02	27.0	28.5	1.5	7
		- fine to medium grained			03	28.5	30.0	1.5	3
		- pillowed			51604	30.0	31.5	1.5	7
		- selvage zones have py, qtz, calcite rich			05	31.5	33.0	1.5	29
		- sericitic			06	33.0	34.0	1.0	4
		- carbonatized			607	34.0	34.5	1.5	25
					608	34.5	36.0	1.5	7
		31.4 - 33.0 occasional desseminated py			609	36.0	37.0	1.0	8
					610	37.0	38.0	1.0	177
		34.4 - 3 cm qtz vein at 80° to C.A.			611	38.0	39.0	1.0	23
					612	39.0	40.0	1.0	15
		36.5 - 42.0 slight ferrodolomite with calcity, py			613	40.0	41.0	1.0	45
		occasional qtz veinlets			614	41.0	42.0	1.0	52
		- pillow selvages and flow breccia at low angle to			615	42.0	43.5	1.5	12
		C.A. 5 - 20°							
					616	45.5	46.5	1.0	10
		Quartz Veinlets							
		37.25 - 2 cm, 80° to C.A.							
		39.27 - 3 cm, 80° to C.A.							
		41.15 - 2 cm, 65° to C.A.							
		41.4 - 7 cm, 80° to C.A.							
		- to 46.5 pervaisive calcite, after 46.5 calcity							
		in veinlets and stringers							
		- lower contact very sharp at 85° to C.A.							
49.1	59.0	Mg Tholeiite Basalt - unaltered - pillowed			51617	39.5	49.8	1.3	10
		- green colour							
		- medium grained							
		- pillowed							

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. BR-85-1 Page 2 of 10

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
		- chloritic							
		- to 55.5 slight calcite in stringers and disseminations			51618	56.9	58.0	1.1	14
		- selvage zones are calcite, chlorite rich							
		49.4 - 49.7 qtz, calcite section							
		57.0 - 57.9 qtz vein at 60° to C.A.							
		58.5 - 59.0 qtz-calcite brecciated sections							
59.0	74.5	Mg Tholeiite Basalt - unaltered massive							
		- green colour			51619	66.0	67.0	1.0	4
		- medium grained							
		- massive							
		- chloritic							
		70.7 - 74.5 calcite rich							
		66.5 - 66.75 qtz vein at 75° to C.A.							
74.5	78.9	Mg Tholeiite Basalt - unaltered - flow top breccia							
		- green to pale green colour			620	78.5	79.5	1.0	7
		- fine to medium grained							
		- chloritic, carbonaticed - calcite							
		- fragments are siliceous, calcite - fine grained							
		- matrix is chloritic, calcite							
		- tops up the hole							
78.9	134.5	Mg Tholeiite Basalt - unaltered - pillowed							
		- green colour			51621	84.8	85.8	1.0	7
		- fine grained							
		- chloritic			622	109.5	111.0	1.5	63
		- well pillowed							
		78.9 - 83.0 carbonatized - calcite							

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. BR-85-1 Page 3 of 10

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPH- IDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Results: ppb Au
		84.8 - 85.8 qtz vein			623	111.0	112.5	1.5	49
		98.0 - 134.5 carbonatized - calcite - pervaisive			51624	114.0	115.0	1.5	34
		and disseminated - increasing down hole							
		109.5 - 111.0 qtz - cb rock - plavioclase, chlorite							
		111.7 - 112.5 qtz - cb breccia, altered fragments							
		of host - sericite, calcite							
		111.4 - 115.3 qtz-cb breccia as above							
		- from 118.0 selvages contain occasional pyrite							
134.5	156.0	Mg Tholeiite Basalt - altered - pillowed			625	134.0	135.5	1.5	12
		- grey colour							
		- fine to medium grained			626	139.5	141.0	1.5	14
		- sericitic, carbonatized - calcite							
		- pillowed			627	144.0	145.5	1.0	6
		- selvage zones are black chlorite, calcite rich							
		- calcite is disseminated throughout			628	150.0	151.5	1.5	29
					629	154.5	156.0	1.5	15
					630	160.0	161.0	1.0	12
156.0	232.0	Mg Tholeiite Basalt - unaltered			631	185.5	186.5	1.0	6
		- green colour							
		- medium grained			632	191.0	192.0	1.0	14
		- chloritic							
		- well pillowed			633	199.0	200.0	1.0	95

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. DR-85-1 Page 4 of 10

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPH.	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
		- chloritic, carbonatized - calcite			51634	220.0	221.0	1.0	88
		- selvage zones and calcite rich with occasional py							
		- to 219 highly carbonatized - calcite, 219 - 225 not carbonatized							
		225 increasing carbonatization down hole							
232.0	244.0	Mg Tholeiite Basalt - altered							
		- grey colour			635	232.5	234.0	1.5	34
		- fine to medium grained			636	234.0	235.5	1.5	23
		-sericitic, carbonatized			637	235.5	237.0	1.5	7
		- pillowed to massive			638	237.0	238.0	1.0	248
		- occasional py rich sections			639	238.0	239.0	1.0	74
					40	239.0	240.0	1.0	64
		232 - 237 calcite			41	240.0	241.0	1.0	96
		237 - 241.5 ferrodolomite, calcite, siliceous, occasional disseminated py			42	241.0	242.0	1.0	8
244.0	352.5	Mg Tholeiite Basalt - unaltered			643	256.5	258.0	1.5	56
		- green colour							
		- medium grained			51644	315.0	316.0	1.5	4
		- chloritic							
		- massive texture			645	319.5	321.0	1.5	11
		251.5 - 258.0 carbonatized - calcite			646	331.5	332.5	1.0	2
		256.9 - 258.0 - flow top - qtz - cb - chl - ser							
		266 - 290 - carbonatized - calcite							
		292 carbonatized - calcite							
		318.0 - 321.0 schistose at 25° to C.A. with occasional py							

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. DR-85-1 Page 5 of 10

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Results: ppb Au
		315 - 331 very chloritic							
		325 - 329 vesicular - calcite filled							
		331.6 - 332.5 laminated qtz, siliceous host bands at 65° to C.A. - flow top ?							
332.5	355.0	Mg Tholeiitic Basalt - unaltered - tuffaceous							
		- green colour							
		- fine grained							
		- chloritic, highly carbonatized - calcite			51647	354.0	355.5	1.5	4
		- well laminated, tuffaceous texture							
		- chlorite rich laminations, alternating with calcite rich laminations							
		- schistose at 50° to C.A.							
355.0	399.0	Mg Tholeiite Basalt - altered - tuffaceous			648	355.5	357.0	1.5	7
		- green colour			649	357.0	358.5	1.5	156
		- fine grained			650	358.5	359.0	0.5	754
		- sericitic, carbonatized			651	359.0	360.0	1.0	36
		355.0 - 355.5 calcite			652	360.0	361.5	1.5	17
		355.5 - 399.0 ferrodolomite			653	361.5	363.0	1.5	7
					654	363.0	364.0	1.0	6
		- well laminated, tuffaceous texture			655	364.0	365.0	1.0	58
		- schistosity defined by orientation of sericite			656	365.0	366.0	1.0	47
					657	366.0	367.0	1.0	45
		- schistosity and laminations at 50° to C.A.			658	367.0	368.0	1.0	67
					659	368.0	369.0	1.0	25
		357.0 - 358.1 massive, schistose, fine grained py to 10% as disseminations and laminations			660	369.0	372.0	3.0	25
		359.9 - qtz vein cross-cutting schistosity at 30° to C.A.			661	372.0	373.0	1.0	15
					662	373.0	375.0	2.0	21

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. Br-85-1 Page 6 of 10

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	SULPH. DES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Results: ppb Au
		359.1 - 360 py laminations - 20% py			663	375.0	376.5	1.5	11
		- occasional small qtz veinlets - discontinuous			664	376.5	380.0	3.5	12
		364.3 - 365.3 siliceous section with py and occasional			665	380.0	382.0	2.5	64
		qtz veinlets			666	382.5	384.0	1.5	15
		365.3 - 366.0 brecciated section with siliceous matrix							
		- py is matrix			51667	384.0	385.5	1.5	22
		366.0 - 368.0 siliceous with py along schistosity planes			68	387.0	389.0	2.0	12
		- from 368.0 - 399.0 massive texture			69	390.0	391.5	1.5	7
		372.7 - 2 cm qtz vein at 60° to C.A.			70	391.5	392.5	1.0	6
		373.65 - 2 cm qtz vein at 70° to C.A.			71	392.5	393.5	1.0	12
		380.8 - 3 cm qtz vein at 40° to C.A.			72	393.5	394.5	1.0	7
		382.55 - 6 cm silicified section			51673	394.5	396.0	1.5	19
		382.5 - 383.3 50% disseminated py			74	396.0	397.5	1.5	11
		384.0 - 385.5 silicified, 2-5% py			75	397.5	399.0	1.5	12
		380.2 - 2 cm qtz vein at 45° to C.A.							
		391.9 - 392.45 siliceous, tourmaline, brown sericite rich							
		2 - 5 % py							
		391.9 - 396.5 silica saturated, brown to buff colour due							
		to sericite - silica blebs and veinlets							
399.0	415.5	Mg Tholeiite Basalt - chlorite, carbonate alteration			76	399.0	400.5	1.5	17
		- green colour							
		- medium grained			77	403.5	405.0	1.5	15
		- chloritic, carbonatized							
		399.0 - 401.0 ferrodolomite							
		401.0 - 415.5 calcite							

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. DR-85-1 Page 7 of 10

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Results: ppb Au
		- pillowed, vesicular texture							
		- vesicules are calcite filled							
		- preferred orientations at 20 - 30° to C. A.							
		- selvages are black chlorite, calcite rich with occasional py							
415.5	423.0	Mg Tholeiite Basalt - chlorite, sericite, carbonate alteration							
		- green to grey to buff colour			78	417.0	418.5	1.5	45
		- fine to medium grained			79	420.0	421.0	1.0	7
		415.5 - 416.5 sericite patches with calcite, py through core							
		415.5 - 423.0 well laminated at 40 - 70° to C.A., laminations are alternating chlorite, sericite rich bands, rock is ferrodolomite rich							
		417.2 - 3 cm qtz vein at 80° to C.A.							
		417.3 - 3 cm qtz vein at 45° to C.A.							
423.0	433.5	Mg Tholeiite Basalt - chlorite, carbonate alteration			80	424.5	426.0	1.5	19
		- dark green colour							
		- medium to coarse grained			81	430.5	431.5	1.0	4
		- chloritic, carbonatized - calcite			51682	431.5	432.5	1.0	7
		- massive mottled texture							
		- many calcite stringers throughout							
		- occasional epidote sections							
		430.5 - 431.5 broken blocky core, fault zone							

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. BR-85-1 Page 8 of 10

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AX'S	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Results: ppb Au
433.5	450.5	Mg Tholeiite Basalt - chlorite alteration							
		- dark green colour							
		- medium grained							
		- very chloritic							
		- very massive, homogenous texture							
		- to 436.5 calcite							
		436.5 - 447.0 no carbonate							
		447 - 450.5 calcite							
450.5	454.6	Mg Tholeiite Basalt - sericite, carbonate alteration			83	450.0	451.5	1.5	8
		- grey colour			84	451.5	453.0	1.5	47
		- fine to medium grained			85	453.0	454.0	1.0	18
		- sericitic, carbonatized			51686	454.0	454.6	0.6	7
		- massive texture							
		450.5 - 453.0 calcite with minor ferrodolomite							
		453.0 - 454.6 predominately ferrodolomite							
		453.85 - 7 cm qtz vein at 75° to C.A.							
454.6	458.5	Quartz Vein System - moderate			87	454.6	455.0	0.4	8
		454.6 - 456.2 1 qtz-tour vein, contacts at 90° to C.A.			88	455.0	455.5	0.5	10
					89	455.5	456.0	0.5	14
		456.35 - 456.6 qtz-tour vein, assimilated host rock			90	456.0	456.5	0.5	19
					91	456.5	457.0	0.5	12
					92	457.0	457.5	0.5	19
		457.05 - 457.20 qtz-tour vein			93	457.5	458.0	0.5	32
		457.9 - 458.0 qtz-tour vein			694	458.0	458.5	0.5	32

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. BR-85-1 Page 9 of 10

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE AXIS ANGLES TO	% SULPH. IDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Results: ppb Au
		458.15 - 458.25 qtz-tour vein							
		458.45 - 2 cm qtz vein							
		- host rock is sericitic, ferrodolomite, trace py, cpy							
458.5	467.0	Mg Tholeiite Basalt - sericite, carbonate			51695	458.5	459.0	0.5	7
		- fine to medium grained			96	459.0	460.0	1.0	88
		- grey colour			97	460.0	461.0	1.0	88
		- sericitic, carbonatized - ferrodolomite			98	461.0	462.0	1.0	225
		- massive texture			699	462.0	463.0	1.0	17
		459.15 - 4 cm qtz vein at 50° to C.A.			51700	463.0	464.0	1.0	14
					01	464.0	465.0	1.0	33
		- occasional py associated with qtz veins and veinlets			02	465.0	466.0	1.0	69
		460.8 - 2 cm qtz vein at 65° to C.A.							
		462.9 - 2 cm qtz vein at 75° to C.A.							
467.0	508.0	Mg Tholeiite Basalt - chlorite alteration							
		- dark green colour			03	469.5	470.5	1.0	14
		- medium grained							
		- chlorite			04	503.0	504.0	1.0	23
		467.0 - 476.0 carbonatized - calcite			705	504.0	505.5	1.5	17
		- massive, homogenous texture							
		- 503.2 - 5-3.5 qtz vein							
		- 503.5 - 505.5 disseminated py to 5%							

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. DR-85-1 Page 10 of 10

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Results: ppb Au
508.0	586.5	Mg Tholeiite Basalt - unaltered							
		- light green colour							
		- medium grained							
		- massive texture							
		- slightly chloritic							
	586.5	End of Hole							

	Incl.	az
Collar	-83	112
46	-81	112
100	-79	
163	-79	132
220	-78	
262	-78	137
316	-78	147
353	-77	
373	-76	142
425	-74	
475	-75	157
526.5	-75	157

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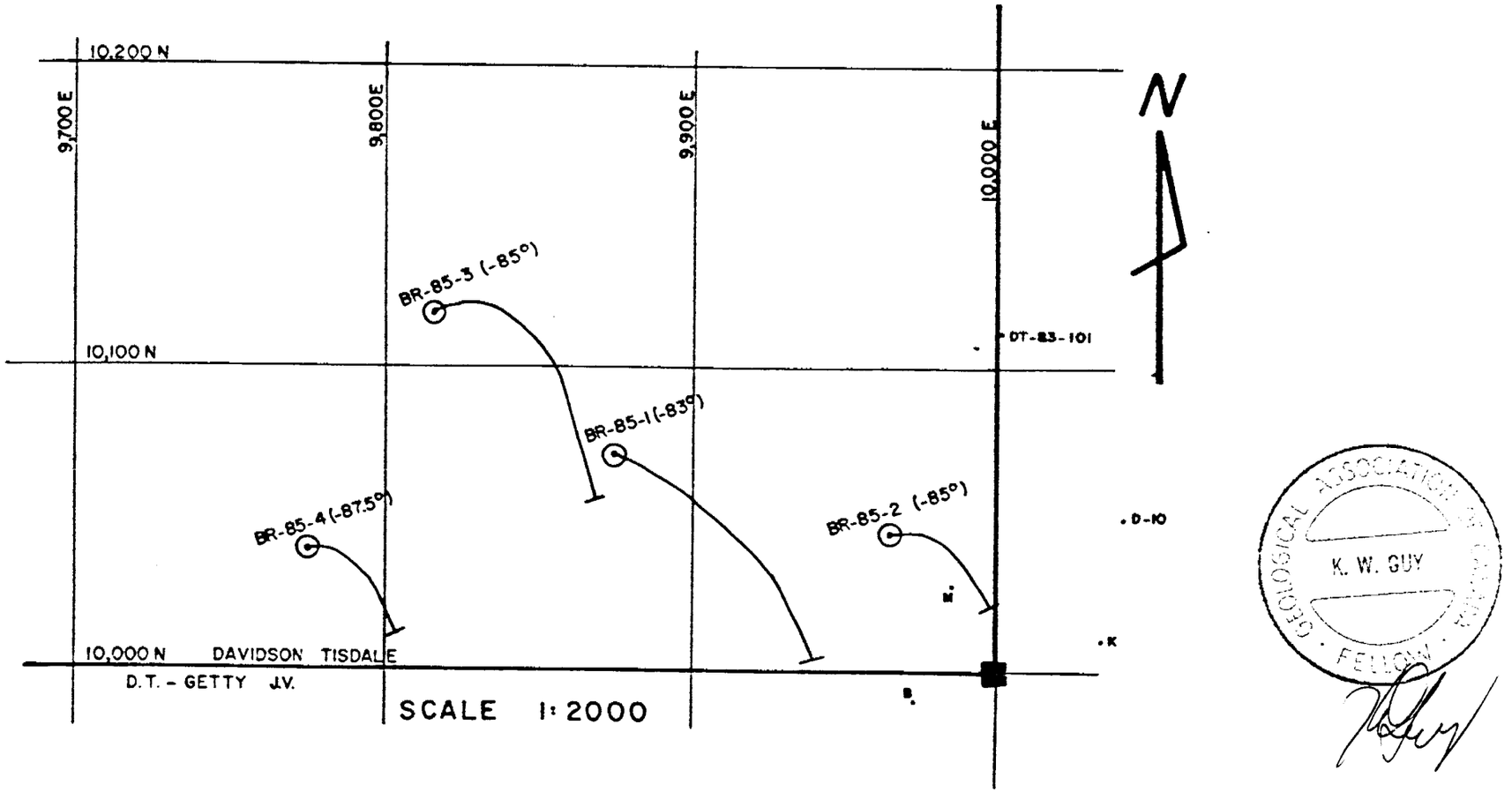
DIAMOND DRILL HOLE RECORD

PROJECT **DAVIDSON TISDALE MINES LTD.**
HOLE No. BR-85-2

LOCATION	DIP TEST					
AREA or TWP. TISDALE TWP.	FOOTAGE	ANGLE RECORDING	ANGLE CORRECTED	LEVEL	HOR. COMPONENT	DATE STARTED November 6, 1985
CLAIM No. PATENT 12887					VERTICAL COMPONENT	DATE FINISHED November 11, 1985
NTS UTM				ELEVATION	BEARING az 090°	LOGGED BY K. Guy
				LATITUDE 10,046N	LENGTH 465.0 m	PURPOSE Test DT zone at depth
				DEPARTURE 9964E	CORE LOCATION DT property	TOT. RECOVERY

DIAMOND DRILL HOLE LOCATION SKETCH



GEOLOGICAL ASSOCIATION OF CANADA
K. W. GUY
FELLOW

Kenneth Guy
EXPLORATION SERVICES

DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. BR-85-2 Page 1 of 8

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
0	21.0	Casing - overburden							
21.0	56.3	Mg Tholeiite Basalt - altered			51726	26.0	27.5	1.5	19
		- grey colour							
		- fine grained			27	29.0	30.5	1.5	7
		- sericitic, carbonatized							
		- pillowed			28	41.0	42.0	1.0	6
		- amygdaloidal - calcite filled			29	42.0	43.0	1.0	10
		- occasional sections of silicification			30	43.0	44.0	1.0	6
		- occasional qtz-cb veinlets at 60-90° to CA			31	45.5	47.0	1.5	19
					32	47.0	48.0	1.0	7
		42.4 - 42.7 qtz vein with minor assimilated			33	48.0	49.0	1.0	17
		host to cpy, py			34	49.0	50.0	1.0	10
		- 42.7 - 43.5							
		- 48.33 - 48.4 qtz vein at 80° to CA, siderite							
		alteration on contacts for 2 cm.							
		48.85 - 49.15 qtz-cb vein, tr py							
56.3	98.0	Mg Tholeiite Basalt - unaltered							
		- green colour			35	65.5	66.5	1.0	34
		- fine to medium grained							
		- occasionally carbonatized			36	84.0	85.0	1.0	6
		- well pillowed							
		- selvage zones are black chlorite, calcite rich							
		with tr po, py							
		65.8 - 65.9 qtz - cb - aximite vein with cpy,po							
		84.2 - 85.0 qtz-cb-aximite vein with assimilated							
		host							

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. BR-85-2 Page 2 of 8

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Results: ppb Au
		- from 92.0 m pervaisively carbonatized - calcite							
98.0	191.0	Mg Tholeiite Basalt - altered							
		- grey to buff colour			51737	107.0	108.5	1.5	21
		- fine grained							
		- sericitic, carbonatized			38	115.0	116.0	1.0	7
		- well pillowed							
		- selvage zones are black chlorite,			39	117.0	118.0	1.0	7
		calcite rich, tr py							
					40	123.5	125.0	1.5	11
		115.2 - 116.0 qtz-cb vein at 20° to CA							
		assimilated host, tr py			41	128.0	129.5	1.5	313
					42	129.5	130.5	1.0	14
		117.2 - 117.5 qtz-cb vein at 30° to CA			43	130.5	131.5	1.0	14
		assimilated host, tr py			744	133.0	134.0	1.0	150
		98 - 124 calcite, from 115 increasing ferrodolo-							
		mite			45	146.0	147.5	1.5	11
		124 - 134 ferrodolomite							
		134 - 151 calcite			46	152.7	154.0	1.3	32
		128.25 - 2 cm qtz vein at 80° to CA, coarse py			47	154.0	155.0	1.0	15
		in host							
					48	154.0	160.0	1.0	4
		129.75 - 129.95 silicified with py							
					49	161.0	162.0	1.0	3
		146.55 - 147.2 qtz-cb section at 25° to CA,							
		tr cpy, po, py			50	164.0	165.0	1.0	6
					751	165.0	166.0	1.0	4
		151.9 - 191.0 ferrodolomite			52	166.0	167.0	1.0	4
					53	167.0	168.0	1.0	22
		152.7 - 155.0 5-10% py disseminated throughout							
		154.8 - 2 cm qtz vein at 75° to CA			54	170.5	172.0	1.5	7
		159.25 qtz vein at 20° to CA							
		159.7 2 cm qtz-tour vein at 45° to CA							

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. BR-85-2 Page 3 of 8

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Results: ppb Au
		161.15 - 1 cm qtz vein at 85° to CA			51755	174.5	177.5	1.0	11
		161.29 - 161.40 qtz vein at 60° to CA							
		164.25 - 2 cm qtz vein at 30° to CA				177.5	179.0	1.5	301
		164.9 - 165.3 silicified with py							
		167.1 - 168.0 1 cm qtz 0-5° to CA			57	186.5	187.5	1.0	26
		py along contacts							
		170.8 - 1 cm qtz vein at 70° to CA							
		171.5 - 171.15 silicified							
		171.95 2 cm qtz vein at 70° to CA							
		174.6 - 175.2 2 cm qtz vein parallel to CA - py							
		in host							
		175.2 - 175.4 silicified with py							
		177.8 - 2 cm qtz vein at 90° to CA							
		from 175 massive texture							
		186.5 - 185.9 silicified, py							
		187.2 - 187.4 qtz vein at 45° to CA							
191.0	286.0	Mg Tholeiite Basalt - chlorite alteration			58	203.5	204.5	1.0	6
		- dark green colour							
		medium grained			59	230.0	231.0	1.0	17
		- very chloritic, carbonatized- calcite							
		- massive texture			60	240.0	241.0	1.0	2
		- calcite is coarse grained, disseminated							
		204.0 - 204.4 qtz-cb section							
		191.0 - 297.0 calcite							
		207.0 - 227.0 non carbonatized							
		227 - 240.3 carbonatized - calcite							
		230.1 - 231.0 sericitic, silicified, 5-10% po, py							
		230.28 - 230.57 3 cm qtz veins at 70-80° to CA							

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. BR-85-2 Page 4 of 8

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
		240.3 - non carbonatized							
		240.05 - 240.28 qtz-cb- plag. section at 65° to CA							
		- from 240.3 decreasing chlorite down hole							
		- from 278.0 no chlorite alteration, unaltered Mg Tholeiite							
		- from 284.0 carbonatized - calcite							
286.0	357.6	Mg Tholeiite Basalt - altered							
		- grey colour			5176	290.1	291.0	1.0	4
		- fine grained			62	291.0	292.0	1.0	6
		- sericitic, carbonatized							
		- massive tofoliated texture			63	296.0	297.5	1.5	8
		- foliated sectionat 20° to CA							
					64	300.5	302.0	1.5	6
		290.3 6 cm qtz cb vein at 80° to CA, py			65	302.0	303.0	1.0	6
		from 290.3 - 290.4			66	303.0	304.0	1.0	10
		286.0 - 297.5 calcite			67	310.0	311.0	1.0	69
		297.5 - 357.6 ferrodolomite			68	311.0	312.5	1.5	307
					69	312.5	314.0	1.5	117
		302.65 - 2 cm qtz vein at 70° to CA		10	70	314.0	315.0	1.0	18
				10	71	315.0	316.0	1.0	12
		303.4 - 303.7 silicified		10	72	316.0	317.0	1.0	18
				20	73	317.0	318.0	1.0	7
		310.0 - 314.0 5% py disseminated		10	74	318.0	319.0	1.0	17
		throughout		15	775	319.0	320.0	1.0	27
				15	76	320.0	321.0	1.0	32
		314.0 - 324.0 10-15% py as disseminations and		10	77	321.0	322.0	1.0	128
		stringers		10	78	322.0	323.0	1.0	73
				10	79	323.0	324.0	1.0	8

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. BR-85-2 Page 3 of 8

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Results ppb Au
		317.2 - 2 cm qtz-cb vein at 30° to CA,		51780	324.0	325.0	1.0	4
		py along contacts		81	325.0	326.0	1.0	11
				82	326.0	327.5	1.5	257
		321.7 - 3 cm qtz vein 80° to CA		83	327.5	329.0	1.5	23
				84	329.0	330.5	1.5	92
		324.0 - 330.5 5% py						
				85	844.0	345.0	1.5	74
		327.25 3 cm qtz vein at 50° to CA		86	345.5	347.0	1.5	44
				87	347.0	348.5	1.5	285
		344.0 - 348.2 many brecciated sections with						
		py, calcite						
		357.6 lower contact is very sharp at		51788	357.0	358.0	1.0	19
		75° to CA						
357.6	365.7	Mg Tholeiite Basalt - chlorite, calcite, alteration						
		- dark green colour						
		- medium grained						
		- massive texture						
		- chloritic, carbonatized-calcite						
		- calcite as coarse grained disseminations through-						
		out and also as random oriented stringers						
365.7	377.0	Mg Tholeiite Basalt - altered		789	365.5	366.5	1.0	38
		- grey to buff colour		90	366.5	367.5	1.0	14
		- fine to medium grained		91	367.5	368.5	1.0	10
		- pillowed and brecciated texture		92	368.5	370.0	1.5	10
		- sericitic - chloritic, carbonatized		93	370.0	371.0	1.0	78
		365.7 - 372.0 ferrodolomite		94	371.0	372.5	1.5	10
		372.0 - 377.0 calcite		95	372.5	374.0	1.5	6
		- occasional silicified sections with py		96	374.0	375.5	1.5	8

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. DR-85-2 Page 6 of 8

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Results: ppb Au
		367.0 - 367.3 silicified, tourmaline, py			51797	375.5	377.0	1.5	43
		- from 375 increasing chlorite down hole							
377.0	394.0	Mg Tholeiite Basalt - chlorite, calcite			51798	377.0	378.0	1.0	17
		alteration							
		- dark green colour							
		- medium grained							
		- massive texture							
		- very chloritic, carbonatized - calcite							
		- calcite as disseminations and random							
		oriented stringers							
		377.0 - 383.0 many calcite stringers, core							
		blocky - fault zone							
394.0	398.3	Mg Tholeiite Basalt - altered			51799	393.5	395.0	1.5	4
		- buff, grey to greenish-grey colour			51800	395.0	396.5	1.5	12
		- fine grained - massive texture			51844	396.5	397.5	1.0	11
		- sericitic, carbonatized - ferrodolomite			845	397.5	398.5	1.0	156
		- both contacts very sharp, upper at 60° to CA,							
		lower at 80° to CA							
		394.83 - 1 cm qtz vein at 80° to CA							
		395.0 - 2 cm qtz vein at 80° to CA							
		396.8 - 2 cm qtz vein at 70° to CA							
		397.8 - 398.3 silicified with py							

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. BR-85-2 Page 7 of 8

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Results: ppb Au
398.3	422.5	Mg Tholeiite Basalt - chlorite alteration							
		- dark green colour							
		- medium grained							
		- massive homogenous texture							
		- chloritic							
		398.3 - 407.0 disseminated coarse grained calcite							
		418.0 - 422.5 carbonatized - calcite							
422.5	432.5	Mg Tholeiite Basalt - altered			51846	422.0	423.0	1.0	36
		- grey to buff colour			47	423.0	424.0	1.0	23
		- fine grained			48	424.0	425.0	1.0	11
		- massive texture			49	425.0	426.0	1.0	241
		- sericitic, carbonatized-ferrodolomite			50	426.0	427.0	1.0	10
		- many siliceous sections with blebs of silica			51	427.0	428.0	1.0	11
					52	428.0	429.0	1.0	47
		- silicified sections and qtz veinlets			53	429.0	430.0	1.0	11
		are py rich			54	430.0	431.0	1.0	12
					55	430.1	432.0	1.0	7
		423.9 - 1 cm qtz vein at 90° to CA			56	432.0	433.0	1.0	12
		423.9 - 425.3 silicified with disseminated py							
		425.7 - 1 cm qtz vein at 70° to CA							
		428.4 - 428.8 - silicified, py							
		428.8 - 3 cm qtzvein at 75° to Ca							
		429.0 - 1 cm qtz vein at 80° to CA							
		431.8 - 8 cm qtz-tour vein at 70° to CA							

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. BR-85-2 Page 8 of 8

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Results: ppb Au
432.5	465.0	Mg Tholeiite Basalt - unaltered							
		- dark to pale green colour			51857	453.5	455.0	1.5	7
		- medium grained							
		432.5 - 439.0 - chlorite-calcite alteration							
		432.5 - 445.0 massive texture							
		445.0 - 465.0 pillowed							
465.0		End of Hole							
		Collar -85° az 090°							
		50 m -85°							
		107 m -85° az 107°							
		195 m -84°							
		250 m -84°							
		272 m -83° az 147°							
		350 m -82°							
		407 m -82° az 152°							
		462 m -81°							

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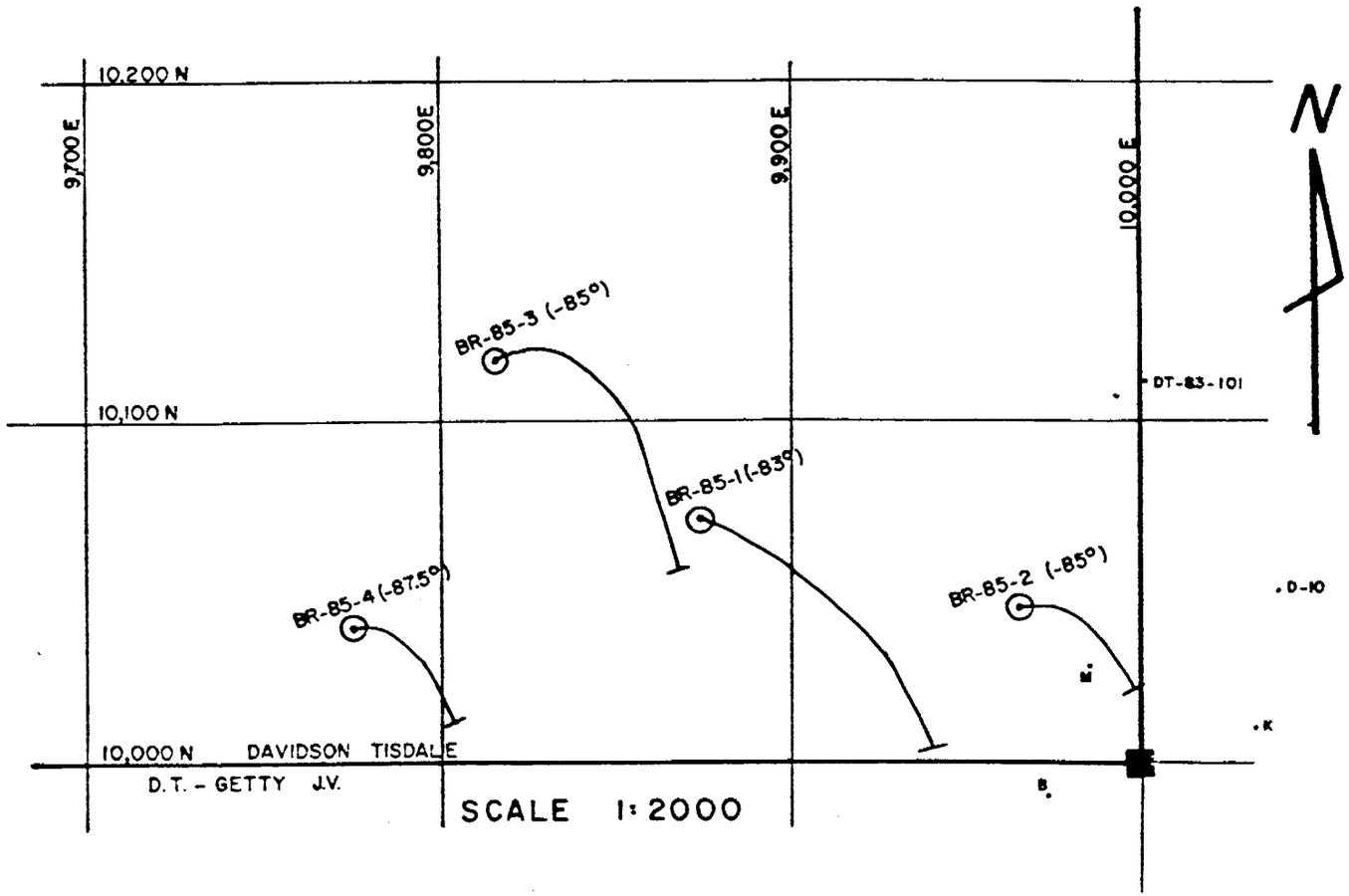
DIAMOND DRILL HOLE RECORD

PROJECT **DAVIDSON TISDALE MINES LTD.**
HOLE No. BR-85-3

LOCATION	DIP TEST			LEVEL	HORIZONTAL COMPONENT	DATE STARTED	November 14/85
AREA or TWP. TISDALE	FOOTAGE	ANGLE RECORDING	ANGLE CORRECTED		VERTICAL COMPONENT	DATE FINISHED	November 25/85
CLAIM No. Patent 12887				ELEVATION	BEARING az 090°	LOGGED BY	K. Guy
NTS UTM				LATITUDE 10,118N	LENGTH 65.0 m	PURPOSE	Test DT Zone at depth
				DEPARTURE 9816E	CORE LOCATION DT Mine Site	TOT. RECOVERY	

DIAMOND DRILL HOLE LOCATION SKETCH



GEOLOGICAL ASSOCIATION OF CANADA
K. W. GUY
FELLOW

K. W. Guy

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. BR-85-3 Page 1 of 9

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
0	42.7	Casing - overburden							
42.7	64.0	Fault Zone			51874	42.7	44.0	1.3	60
		- extremely weathered, bleached core							
		- broken, blocky			75	47.0	48.5	1.5	12
		- 10° to C.A.			76	48.5	50.0	1.5	12
		-hematitic, sections of gossan			77	50.0	51.5	1.5	8
		- many sections of gouge							
		- core recovery approximately 80%			78	53.0	54.5	1.5	12
		42.7 - 43.2 slightly more competent			79	56.0	57.5	1.5	23
		- rock -sericitic, carbonatized- calcite							
					80	60.5	62.0	1.5	4
		- many sections of black weathered sulphides							
		42.7 - 57.5 very rusty, gossan							
64.0	75.5	Mg Tholeiite Basalt - altered			81	64.0	65.5	1.5	4
		grey colour							
		- fine to medium grained			82	66.5	67.5	1.0	14
		- sheared, schistose texture							
		- sericitic, carbonatized-calcite			83	72.0	73.0	1.0	4
		- shearing to 10° to C.A.							
		- occasional py			84	73.7	75.5	1.8	6
		64.8 3 cm qtz-cb vein at 20° to C.A.							
		66.8 3 cm qtz-cb vein at 20° to C.A.							
75.5	91.5	Mg Tholeiite Basalt - unaltered							
		- green colour			85	86.0	87.0	1.0	96
		- medium grained							

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. BR-85-3 Page 2 of 9

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Results: ppb Au
		- massive, homogenous							
		- chloritic							
		75.5 - 80.0 carbonatized - calcite							
		87.5 - 91.5 carbonatized - calcite							
		86.4 - 86.6 qtz -axinite section							
91.5	164.0	Mg Tholeiite Basalt - altered			51886	91.0	92.0	1.0	22
		- grey to light grey colour			87	92.0	93.0	1.0	8
		- fine grained			88	93.0	94.0	1.0	6
		- massive texture			89	94.0	95.0	1.0	7
		- sericitic, siliceous, carbonatized - ferrodolomite			90	95.0	96.5	1.5	22
					91	96.5	98.0	1.5	18
		- many silica sweats - blebs and stringers			92	98.0	99.5	1.5	11
		of qtz throughout			93	99.5	101.0	1.5	11
					94	101.0	102.0	1.0	8
		92.0 - 93.0 qtz-tour section, py			95	102.0	103.0	1.0	11
		rich, talcose, buff sericite stringers			96	103.0	104.0	1.0	8
					51897	104.0	105.0	1.0	12
		93.45 - 8 cm qtz-calcite vein at 75° to C.A.			98	105.0	106.0	1.0	15
					99	106.0	107.0	1.0	10
					51900	107.0	108.0	1.0	10
		95.3 - 95.55 qtz veinlets, silicified, py			01	108.0	109.0	1.0	11
		96.15 - 1 cm tqz vein at 75° to C.A.			02	109.0	110.0	1.0	25
		96.9 - 1 cm qtz vein at 70° to C.A.			03	110.0	111.5	1.5	8
		97.5 - 2 cm qtz vein at 80° to C.A.			04	111.5	113.0	1.5	15
		99.95 - 100.2 qtz-sericite section at 75° to C.A.			05	113.0	114.5	1.5	6
		101.05 - 10 cm qtz vein at 80° to C.A.			06	114.5	116.0	1.5	6
		102.5 - 103.0 silicified, py, tour			07	116.0	117.0	1.0	6
		103.7 - 103.95 silicified			08	118.0	119.0	1.0	10
		103.95 - 105.1 qtz tour vein - 50 % highly altered host,			09	119.0	120.5	1.5	18
		10% tourmaline, 2% py			10	120.5	122.0	1.5	23
		106.7 - 107.1 qtz vein, broken contacts			11	122.0	123.0	1.0	7
		107.45 - 107.65 qtz vein at 75° to C.A.							

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. BR-85-3 Page 3 of 9

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE TO AX'S	% ANGLES SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Results ppb Au
		108.2 - 108.35 qtz vein, broken contacts			51912	125.0	126.0	1.0	6
		109.0 - 109.7 silicified, qtz veins			13	126.0	127.0	1.0	59
					14	127.0	128.0	1.0	12
		103.7 - 109.7 weak Quartz Vein System			15	128.0	129.5	1.5	8
		114.9 - 115.9 silicified, qtz vein, py, green sericite			16	137.0	138.0	1.0	7
		116.3 - 116.7 - 1 cm qtz veins at 50° to C.A.			17	152.0	153.5	1.5	6
		118.4 - 1 cm qtz vein, py, cpy, at 40° to C.A.							
		119.5 - 7 cm qtz-cb vein at 45° to C.A.			18	159.1	160.1	1.0	10
		120.0 - bleb of cpy, py							
		120.7 - 121.0 silicified, py							
		122.0 - 3 cm qtz vein at 80° to C.A.							
		125.0 - 129.5 1-2 cm qtz veins along C.A.							
		125.0 - 164.0 calcite							
		152.0 - 153.5 many calcite veinlets at random orientation							
		- from 155.0 well pillowed, increasing chlorite in							
		matrix, selvages downhole							
164.0	179.0	Mg Tholeiite Basalt - unaltered							
		- green colour							
		- fine to medium grained							
		- well pillowed, flow top breccia							
		- selvage zones and matrix is chloritic, tr py							
179.0	275.0	Mg Tholeiite Basalt - altered							
		- grey to buff colour			19	183.5	185.0	1.5	14
		- fine grained							
		- well pillowed			20	203.5	204.5	1.0	6

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. BR-85-3 Page 4 of 9

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
		sericitic, carbonatized - calcite						
				51921	215.0	216.5	1.5	4
		- selvage zones are black chlorite rich						
		- sericitization more intense in interior of pillows		22	227.0	228.5	1.5	6
		239.0 - 260.7 foliated, schistose at 20° to C.A. -		23	232.0	233.5	1.5	4
		many calcite stringers parallel to foliation and		24	240.5	242.0	1.5	7
		crosscutting		25	249.5	251.0	1.5	6
		249.5 - 254.0 high density of calcite-qtz veinlets		26	251.0	252.5	1.5	7
		up to 2 cm at 70 - 90° to C.A.		27	259.7	260.7	1.0	10
		259.8 - 260.7 brecciated section, schistose at 20 - 25°						
		to C.A. - po, py, to 25%, calcite rich		28	269.0	270.5	1.5	6
		- after 260.7 massive flow, pilloed amygdaloidal						
275.0	307.0	Mg Tholeiite Basalt - unaltered						
		- green to pale green colour		51929	278.0	279.0	1.0	3
		- medium grained						
		- well pillowed		30	300.5	301.5	1.0	8
		278.2 - 278.6 qtz vein						
		304.0 - 307.0 carbonatized - calcite						
307.0	349.0	Mg Tholeiite Basalt - altered						
		- grey colour		31	307.5	308.5	1.0	6
		- fine grained		32	319.0	320.0	1.0	10
		- well pillowed		33	323.5	324.5	1.0	134

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. BR-85-3 Page 5 of 9

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Results ppb Au
		- sericitic, carbonatized - calcite			51934	327.0	328.0	1.0	7
		- selvage zones are black chlorite rich, occasional py			35	334.0	335.0	1.0	12
		334.6 - 334.9 selvage zone rich in po, 2-1 cm qtz			36	341.0	342.0	1.0	10
		veins at 75° to C.A.			37	347.5	348.5	1.0	12
		347.6 - 347.9 silicified, brecciated, po, py to 10%							
349.0	425.0	Mg Tholeiite Basalt - unaltered			38	358.0	359.0	1.0	10
		- green to pale green colour							
		- fine to medium grained			39	362.7	363.7	1.0	10
		- well pillowed							
		349.0 - 355.0 carbonatized - calcite			40	395.0	396.0	1.0	6
		- selvage zones are calcite rich with occasional po, py			41	404.0	405.0	1.0	11
		- occasional vesicular sections, calcite filled			42	408.2	409.3	1.0	6
		404.3 - 404.7 schistose at 30° to C.A., silicified,							
		po to 15%			43	414.0	415.0	1.0	14
		393.0 - 425.0 carbonatized - calcite							
		413.0 - 415 slightly sericitic - calcite							
		414.1 - 418.4 selvage zones with 15% py							
425.0	459.0	Mg Tholeiite Basalt - altered			44	429.5	431.0	1.5	11
		- grey to buff colour							
		- fine to medium grained			45	434.0	435.5	1.5	11
		- well pillowed			46	435.5	436.5	1.0	37
		- sericitic, carbonatized			47	436.5	437.0	0.5	3

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. BR-85-3 Page 6 of 9

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Results: ppb Au
		425.0 - 429.5 calcite			51948	437.0	437.9	0.9	698
		429.0 - 446.0 ferrodolomite			51949	437.9	439.0	1.1	15
		436.2 - 2 cm qtz vein at 75° to C.A.			51950	440.0	441.5	1.5	23
					24628	441.5	443.0	1.5	10
		436.5 - 437.9 Quartz-Tourmaline Vein			24629	443.0	444.5	1.5	22
		- 75% to C.A.			630	444.5	446.0	1.5	123
		- many tour veinlets			631	446.0	447.5	1.5	25
					632	447.5	449.0	1.5	14
		437.9 - 444.5 flow top breccia			633	449.0	450.5	1.5	97
		437.9 - 438.9 silicified							
					634	453.5	455.0	1.5	4
		447.5 - 450.0 many qtz -calcite veins at 60 - 90°							
		to C.A. - 5-10% py			635	465.5	458.0	1.5	3
		446.0 - 459.0 calcite							
		453.4 - 455.0 silicified							
459.0	468.0	Mg Tholeiite Basalt - unaltered							
		- green colour							
		- medium grained							
		- pillowed, amygdaloidal							
		- carbaonatized - calcite							
		amydgules are calcite filled							
		- selvage zones are black chlorite, calcite rich							

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. BR-85-3 Page 7 of 9

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE TO AXIS ANGLES	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
468.5	489.0	Mg Tholeiite Basalt - altered			24636	476.5	477.5	1.0	33
		- grey colour			37	477.5	478.5	1.0	8
		- fine grained			38	478.5	479.5	1.0	157
		- pillowed, amygdaloidal texture							
		- sericitic, varbonatized			39	481.0	482.0	1.0	14
		468.5 - 479.0 calcite							
		479.0 - 489.0 ferrodolomite			40	484.0	485.0	1.0	4
		476.6 - 477.5 silicified, tr py			41	486.5	487.5	1.0	12
		478.0 - 3 cm qtz vein at 65° to C. A.							
		479.5 - 3 cm qtz vein at 75° to C.A.							
		481.45 , 481.52, 481.75 - 1 cm qtz veins at 80° to C.A.							
		484.0 - 484.6 silicified							
		486.7 - 8 cm qtz vein at 50° to C.A.							
489.0	500.0	Mg Tholeiite Basalt - unaltered							
		- green colour							
		- medium grained							
		- pillowed, amygdaloidal							
		- carbonatized - calcite							
500.0	539.0	Mg Tholeiite Basalt - altered							
		- grey to buff colour			42	503.0	504.5	1.5	14
		- fine grained			43	504.5	506.0	1.5	11
		- pillowed to massive texture			44	506.0	507.5	1.5	10
		- sericitic, carbonatized			45	510.0	511.0	1.0	148
		500.0 - 501.5 - calcite			46	511.0	512.0	1.0	37
		501.5 - 509.0 ferrodolomite			47	512.0	513.0	1.0	58
		509.0 - 518.0 calcite			48	513.0	514.0	1.0	45
		504.7 - 506.3 silicified							

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. _____ Page 8 of 9

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
		506.2 - 3 cm qtz vein at 70° to C.A.			24649	516.5	518.0	1.5	17
		506.9 - 1 cm qtz vein at 80° to C.A.			50	518.0	519.0	1.0	33
		518.0 - 522.5 ferrodolomite			51	519.0	520.0	1.0	7
		511.3 - 1 cm qtz vein at 70° to C.A.			52	520.0	521.0	1.0	220
		511.3 - 513.0 silicified, py			53	521.0	522.5	1.5	7
		517.5 - 519.5 qtz-tour vein at 30° to C.A., 25% tour			54	526.0	527.0	1.0	8
		520.6 - 522.5 silicified			55	534.0	535.0	1.0	27
		522.2 - 522.3 qtz vein at 75° to C.A.			56	535.0	536.0	1.0	23
		522.5 - 539.0 calcite							
		527.5 - 528.5 schistose at 45° to C.A.			57	537.0	538.0	1.0	58
		534.2 - 534.5 silicified							
		534.2 - 537.8 tuffaceous, schistose texture at 35 - 40° to C.A., laminations are alternately sericitic, calcite rich							
539.0	650.0	Mg Tholeiite Basalt - unaltered							
		- dark to pale green colour			58	581.0	582.5	1.5	8
		- medium grained							
		- massive, homogenous texture			59	603.5	605.0	1.5	6
		539.0 - 554.0 chlorite - calcite alteration			60	608.5	609.5	1.0	8
		556.65 - 556.8 qtz-aximite-chlorite vein at 75° to C.A.							
		581.0 - 582.5 fault gouge							
		608.6 - 609.3 qtz-tour-Kspar vein at 75° to C.A.							
		629.0 - 650 pillowed							
	650.0	End of Hole							

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. BR-85-3 Page 9 of 9

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
		DIP TESTS							
		Collar -85° az 090°							
		120 m -84° az 102°							
		250 m -84°							
		380 m -84° az 137°							
		450 m -83°							
		500 m -81.5° az 172°							
		575 m -79°							
		650 m -78° az 172°							

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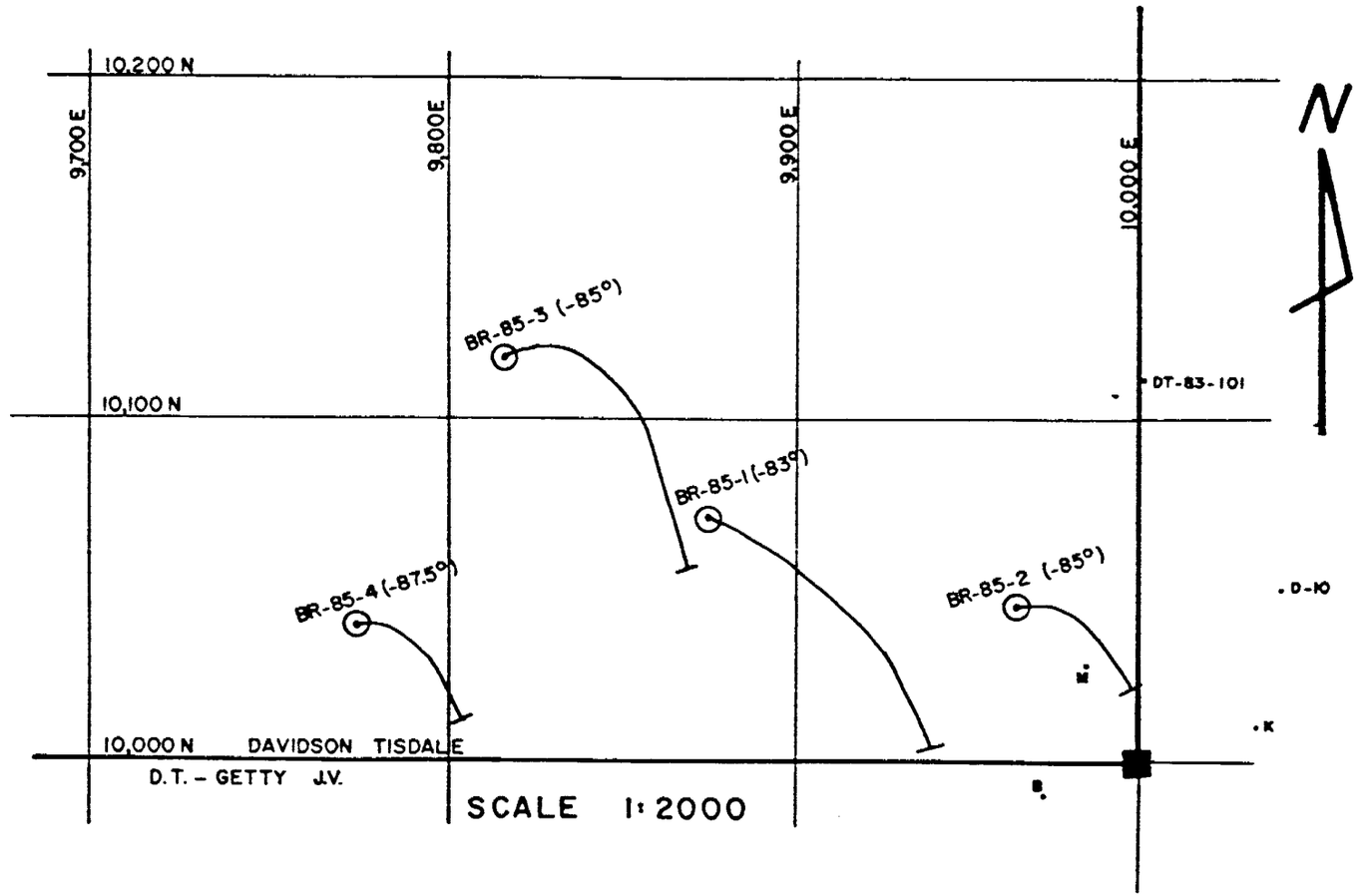
DIAMOND DRILL HOLE RECORD

PROJECT **DAVIDSON TISDALE MINES LTD.**

HOLE No. BR-85-4

LOCATION	DIP TEST		LEVEL		HORIZONTAL COMPONENT		DATE STARTED November 27/85
AREA or TWP. TISDALE	FOOTAGE	ANGLE: RECORDING / CORRECTED			VERTICAL COMPONENT		DATE FINISHED December 6/85
CLAIM No. [illegible]			ELEVATION		BEARING	az 090°	LOGGED BY K. Guy
NTS UTM			LATITUDE	10,040N	LENGTH	535.6	PURPOSE Test DT Zone at depth
			DEPARTURE	9,775E	CORE LOCATION	DT Property	TOT. RECOVERY

DIAMOND DRILL HOLE LOCATION SKETCH



GEOLOGICAL ASSOCIATION OF CANADA
K. W. GUY
FELLOW

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. BR-85-4 Page 1 of 8

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Results ppb Au
0	8.3	Casing - overburden							
8.3	20.0	Mg Tholeiite Basalt - unaltered							
		- green colour							
		- medium grained							
		- massive texture							
		- carbonatized - calcite							
		- lower contact gradational over 1.5 m							
20.0	24.0	Mg Tholeiite Basalt - altered							
		- grey to buff colour							
		- fine to medium grained							
		- massive texture			24681	23.0	24.0	1.0	6
		- sericitic, carbonatized - calcite							
24.0	26.2	Fault Zone			82	24.0	25.5	1.5	7
		- very broken, blocky core			83	25.5	26.2	0.7	6
		- 20° to C.A.							
		- very weathered, unconsolidated							
26.2	34.2	Carbonaceous Basalt - altered			84	26.2	27.5	1.3	6
		- dark grey to black-grey colour			85	27.5	29.0	1.5	3
		- medium grained			86	29.0	30.0	1.0	4
		- tuffaceous, schistose			87	30.0	31.0	1.0	7
		- sericitic, carbonatized - calcite, carbonac-			88	31.0	32.0	1.0	7
		eous-graphite			89	32.0	33.0	1.0	8
					90	33.0	34.5	1.5	11
		- schistosity at 20° to C.A., defined by sericite and graphite							

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. BR-85-4 Page 2 of 8

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au	
		29.5 - 33.2 fragmental texture, 10% graphite,								
		2-5% py								
		31.5 - 32.2 fault zone, weathered, broken core								
		33.2 - 34.2 fault zone, weathered, broken								
		core								
34.2	53.5	Mg Tholeiite Basalt - altered								
		- grey to buff colour			24691	39.5	41.0	1.5	688	.020oz/T
		- fine grained								
		- pillowed, amygdaloidal			92	44.0	45.5	1.5	21	
		- sericitic, carbonatized - calcite			93	47.0	48.5	1.5	18	
		39.93-5 cm qtz vein at 80° to C.A.								
		39.2 - 45.5 silicified								
		- from 48.5 - 43.5 rims of pillows are not								
		sericitie altered, chloritic								
53.5	98.8	Mg Tholeiite Basalt - unaltered								
		- pale green colour								
		- fine to medium grained								
		- pillowed, amygdaloidal			94	64.5	65.5	1.0	4	
		53.5 - 58.0 carbonatized - calcite								
		selvage zones are black chlorite, calcite			95	71.0	72.5	1.5	1.0	
		rich, tr py								
		64.5 - 65.5 qtz-axinite section								
		71.0 - 78.0 chlorite-calcite alteration								
98.8	134.0	Mg Tholeiite Basalt - altered			24696	98.7	100.0	1.3	6	
		-grey colour			97	100.0	101.0	1.0	11	

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. BR-85-4 Page 3 of 8

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Results: ppb Au
		- fine grained							
		- pillowed			98	104.5	105.6	1.1	22
		- sericitic, carbonatized - calicte							
					99	108.5	110.0	1.5	4
		- upper contact very sharp at 80° to C.A.							
					24700	111.5	113.0	1.5	7
		98.8 - 99.5 many calcite veinlets							
		100.45 - 100.75 qtz calcite vein			701	114.5	116.0	1.5	11
					02	116.0	117.5	1.5	6
		115.0 - 129.5 ferrodolomite			03	117.5	119.0	1.5	6
		116.0 - 121.0 silicified			04	119.0	120.5	1.5	7
		124.5 - 5 cm qtz vein at 45° to C.A.			05	120.5	122.0	1.5	10
		125.2 - 1 cm qtz vein at 40° to C.A.			06	122.0	134.5	1.5	74
		125.7 - 125.9 qtz vein at 60° to C.A.			07	123.5	125.0	1.5	14
		129.5 - 134.0 calcite			08	125.0	126.5	1.5	8
		133.5 - 134.0 silicified			09	126.5	128.0	1.5	12
					10	133.0	134.5	1.5	7
134.0	301.0	Mg Tholeiite Basalt - unaltered							
		- pale green colour			11	156.0	157.5	1.5	23
		- fine to medium grained			12	157.5	158.6	1.5	10
		- well pillowed, amygdaloidal							
		- good fresh Mg Tholeiite			13	202.0	203.5	1.5	6
		- selvage zones often bleached, cb, qtz							
		- occasional calcite rich sections			24714	233.5	224.5	1.0	10
					15	224.5	225.7	1.2	6

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. BR-85-4 Page 4 of 8

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
		156.0 - 158.6 selvage zone, silicified,							
		qtz vein, tr po, py			16	247.5	249.0	1.5	11
		167.0 - 186.0 carbonatized - calcite			17	275.0	276.5	1.5	12
		213.0 - 295.0 carbaonatized - calcite			18	276.5	278.3	1.8	6
		233.5 - 225.7 schistose at 20° to C.A., po to 15% with tr py, cpy							
		247.5 - 249.0 sericitic section							
		275.0 - 278.3 pillow selvages with po, rock is sericitic, calcite							
		270.5 - 284.0 weak alteration zone highly carbonatized - calcite, slightly sericitic							
		299.0 - 301.0 carbonatized - calcite							
301.0	374.0	Mg Tholeiite Basalt - altered			19	306.5	308.0	1.5	8
		- grey colour							
		- fine to medium grained			20	315.5	317.0	1.5	7
		- pillowed							
		- sericitic, carbonatized			21	322.5	323.5	1.0	6
		301.0 -345.0 calcite			22	326.0	327.5	1.5	3
		345.0 - 371.5 ferrodolomite, calcite							
		315.5 - 316.5 2 quartz veins along C.A.			23	333.5	335.0	1.5	84
		322.5 - 323.0 many cb veinlets at 45-55° to C.A.			24	341.0	342.5	1.5	8
		333.6 - 2 cm qtz vein at 20° to C.A.			25	348.8	350.3	1.5	22
		334.3 - 6 cm qtz vein at 80° to C.A.							
		335.0 - 336.0 qtz-cb selvage zone							

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. BR-85-4 Page 5 of 8

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
		341.3 - 341.8 qtz-cb veinlets, 10% py			24726	353.0	354.5	1.5	12
		348.8 - 365.0 schistose at 25° to C.A.			27	354.5	356.0	1.5	4
		348.8 - 351.0 py to 10%							
		353.0 - 356.0 qtz laminations, py to 10%			28	357.0	358.5	1.5	26
		365.6 - 365.7 qtz-tour vein at 60° to C.A.			29	365.0	366.5	1.5	60
		365.7 - 366.5 silicified with 10% py, brecciated			30	366.5	368.0	1.5	40
		367.6 -3 cm qtz vein at 75° to C.A.			31	368.0	369.5	1.5	15
		368.1 - 2 cm qtz vein at 75° to C.A.			32	369.5	371.0	1.5	6
		368.9 - 3 cm qtz vein			33	371.0	372.0	1.0	25
		369.9 - 6 cm qtz vein							
		370.4 - 371.5 silicified, tourmaline							
		371.5 - 2 cm qtz-tour vein at 65° to C.A.							
		371.5 - 374.0 calcite							
374.0	402.0	Mg Tholeiite Basalt - unaltered							
		- green to dark green colour			34	390.7	391.7	1.0	222
		- medium grained							
		- massive texture							
		374.0 - 377.0 chlorite-calcite alteration							
		374.0 - 402.0 chlorite alteration							
		387.0 - 402.0 chlorite-calcite alteration							
		390.5 - 392.0 sericite-chlorite-calcite							
		391.0 - 391.15 qtz vein at 75° to C.A., py for 20 cm either side							
		401.7 - 402.0 brecciated section, fragments of Basalt, matrix of calcite							

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. BR-85-4 Page 6 of 8

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
402.0	415.8	Mg Tholeiite Basalt - altered							
		- grey colour			24735	404.0	405.0	1.5	27
		- fine grained			36	405.5	407.0	1.5	.247 oz./T
		- massive to occasional schistose texture			37	407.0	408.5	1.5	330
		- sericitic, carbonatized			38	408.5	410.0	1.5	108
		402.0 - 404.0 calcite							
		404.0 - 413.0 ferrodolomite			39	411.5	413.0	1.5	22
		413.0 - 415.8 calcite							
		404.0 - 408.0 silicified, silica sweats, occasional py							
		406.3 - 3 cm qtz vein at 75° to C.A.							
		408.2 - 408.9 schistose at 15° to C.A., 10% py							
415.8	462.0	Mg Tholeiite Basalt - unaltered							
		- green to dark green colour			40	427.5	429.0	1.5	1030 .030oz/T
		- medium grained			41	434.0	435.0	1.0	12
		- massive							
		415.8 - 433.0 chlorite-calcite alteration							
		426.5 - 430.0 chlorite-sericite-calcite alteration, silicified sections with 5-10% py, occasional qtz veinlets							
		433.0 - 462.0 chloritic							
		434.3 - 434.6 qtz vein axinite, tour, plag.							
		455.0 - 462.0 calcite							
462.0	491.5	Mg Tholeiite Basalt - altered			42	464.5	466.0	1.5	34
		- grey to buff colour			43	466.0	467.0	1.0	34
		- fine to medium grained			44	467.0	468.5	1.5	36
		- massive texture			45	468.5	470.0	1.5	.061 oz/T
		- sericitic, carbonatized - ferrodolomite			46	470.0	471.0	1.0	41

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. BR-85-4 Page 7 of 8

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AX'S	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
		464.7 - 467.0 massive, 10% disseminated py			24747	471.0	472.0	1.0	344 .010 oz/T
					48	472.0	473.0	1.0	45
		466.75 - 466.85 qtz vein at 90° to C.A.			49	473.0	474.0	1.0	155
		467.0 - 471.9 schistose at 50° to C.A., py to 10%			50	476.5	477.5	1.0	74
		468.7 - 3 cm qtz vein at 80° to C.A.			51	477.5	478.0	0.5	8
		469.8 - 8 cm qtz vein			52	478.0	479.0	1.0	6
		470.0 - 3 cm qtz vein at 35° to C.A.			53	479.0	480.0	1.0	18
		471.25 - 3 cm qtz vein at 30° to C.A.			54	480.0	481.0	1.0	4
		471.9 - 472.2 qtz section - brecciated			55	481.0	482.0	1.0	3
		472.3 - 1 cm qtz vein at 90° to C.A.			56	482.0	482.5	0.5	18
		472.3 - 472.2 10-15% py			57	482.5	484.0	1.5	32
		472.6 - 473.2 qtz breccia section							
		476.5 - 477.3 silicified, py to 10%			58	489.5	491.0	1.5	4
		478.2 - 482.3 weak Quartz Vein System							
		478.2 - 478.6 qtz breccia							
		479.2 - 6 cm qtz vein at 50° to C.A.							
		479.55 - 479.7 qtz vein							
		480.95 - 2 cm qtz vein							
		481.1 - 482.3 qtz tour vein with assimilated host							
		482.3 - 489.0 flow top breccia, sericitic fragments, chloritic matrix - calcite, at 30-40° to C.A.							
		489.0 - 491.5 sericite-calcite							
491.5	535.6	Mg Tholeiite Basalt - unaltered green colour			59	503.0	504.5	1.5	21
		- medium grained							
		- pillowed, flow breccia							
		491.5 - 497.0 chlorite - calcite							

Kenneth Guy
EXPLORATION SERVICES

DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. BR-85-4 Page 8 of 8

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
		527.0-534.0 broken, blocky core - fault zone, many calcite veinlets			24760	528.0	529.5	1.5	6
535.6		End of Hole							
		DIP TESTS							
		COLLAR -87.5° az 090°							
		95 m -87° az 092°							
		175 m -86°							
		300 m -84° az 142°							
		375 m -83.5°							
		480 m -83° az 157°							

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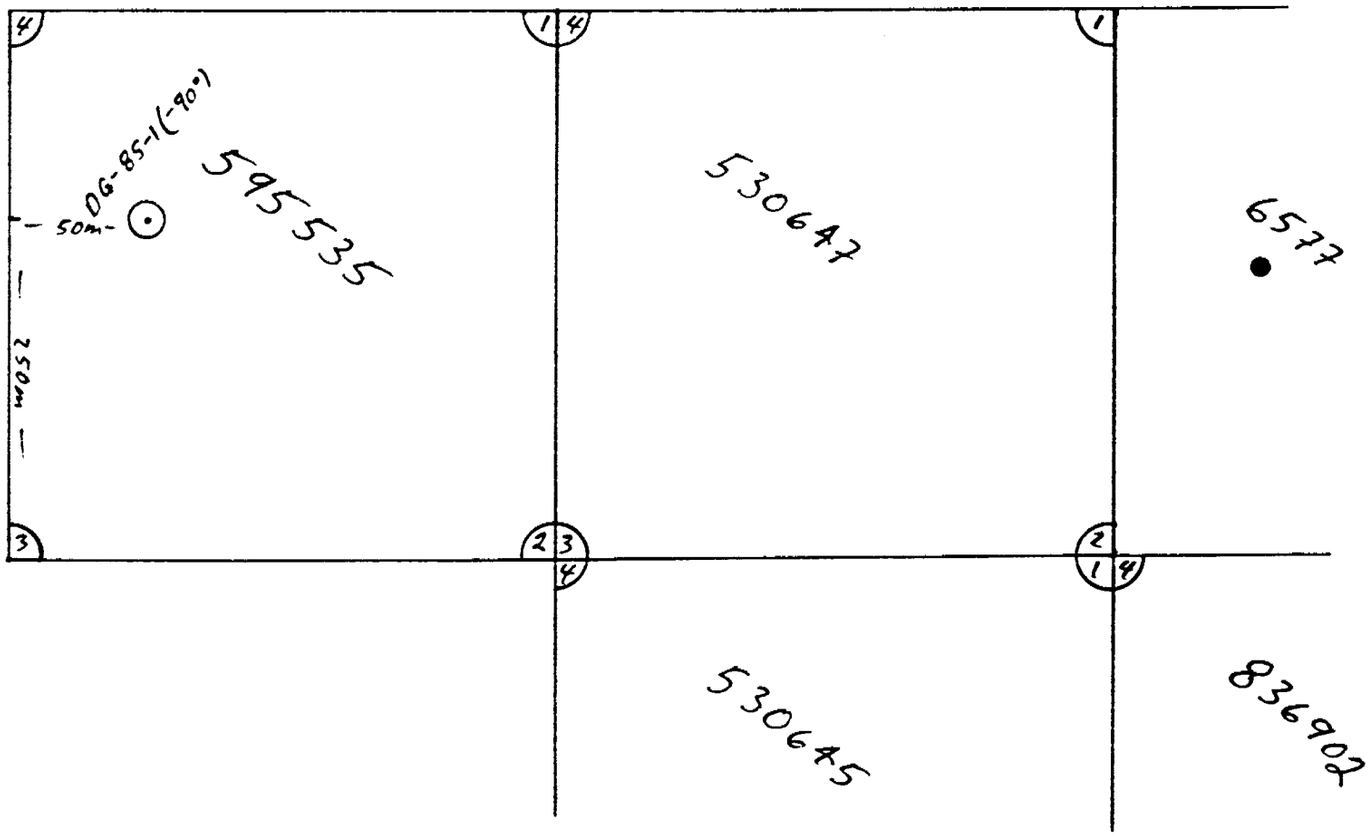
DIAMOND DRILL HOLE RECORD

PROJECT **DAVIDSON TISDALE MINES LTD.**
HOLE No. DG-85-1

LOCATION		DIP TEST			LEVEL		HORIZONTAL COMPONENT		DATE STARTED	November 2, 1985
		FOOTAGE	ANGLE RECORDING	ANGLE CORRECTED			VERTICAL COMPONENT		DATE FINISHED	November 4, 1985
AREA or TWP.	TISDALE TWP.	Collar		-90°	ELEVATION		BEARING		LOGGED BY	K. Guy
CLAIM No.	595535				LATITUDE	9450N	LENGTH	230.0 m	PURPOSE	Test extension of S-zone
NTS	UTM				DEPARTURE	10450N	CORE LOCATION	DT property	TOT. RECOVERY	100%

DIAMOND DRILL HOLE LOCATION SKETCH

SCALE: 1:5000



GEOLOGICAL ASSOCIATION OF CANADA
K. W. GUY
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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. DG-85-1 Page 1 of 2

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
0	2.4	Casing - overburden							
2.4	208.0	Mg tholeiite Basalt - unaltered							
		- dark green colour to pale green down hole			51706	4.7	6.2	1.5	6
		- medium grained							
		- very massive, homogenous texture							
		57.1 - 6.1 silicified, bleached section of core			07	87.0	88.5	1.5	3
		- becomes pale green, finer grained down hole			08	102.8	104.1	1.3	3
					09	135.5	137.0	1.5	49
		37.0 - 5'.0 pillowed, selvage zones are black chlorite rich			710	177.0	178.5	1.5	6
		62.0 - 95.0 pillowed, selvage zones are black chlorite, calcite rich			11	180.5	182.0	1.5	36
		86 - 115 carbonatized - calcite							
		4 cm qtz vein at 75° to C.A. at 102.85, 103.05, 103.2, 103.97							
		134.0 - 155.0 well developed pillows							
		155.0 - 208.0 carbonatized - calcite							
		176.8 - 182.0 core in 50% calcite stringers, generally 0 - 10° to C.A., to py							
		182.0 - 208.0 pillowed, carbonatized - calcite							

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. DG-85-1 Page 2 of 2

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
208.0	213.5	Mg Tholeiite Basalt - altered			51712	209.0	210.5	1.5	4
		- light grey colour			13	210.5	211.5	1.0	4
		- fine to medium grained			14	211.5	213.0	1.5	4
		- pillowed							
		- sericitic, carbonatized, - calcite							
		211.0 - 7 cm qtz vein at 70° to C.A.							
213.5	230.0	Mg Tholeiite Basalt - unaltered							
		- pale green colour							
		- fine to medium grained							
		- pillowed							
		- carbonatized - calcite							
		- pillow selvages are black chlorite, calcite, po rich							
	230.0	End of Hole							

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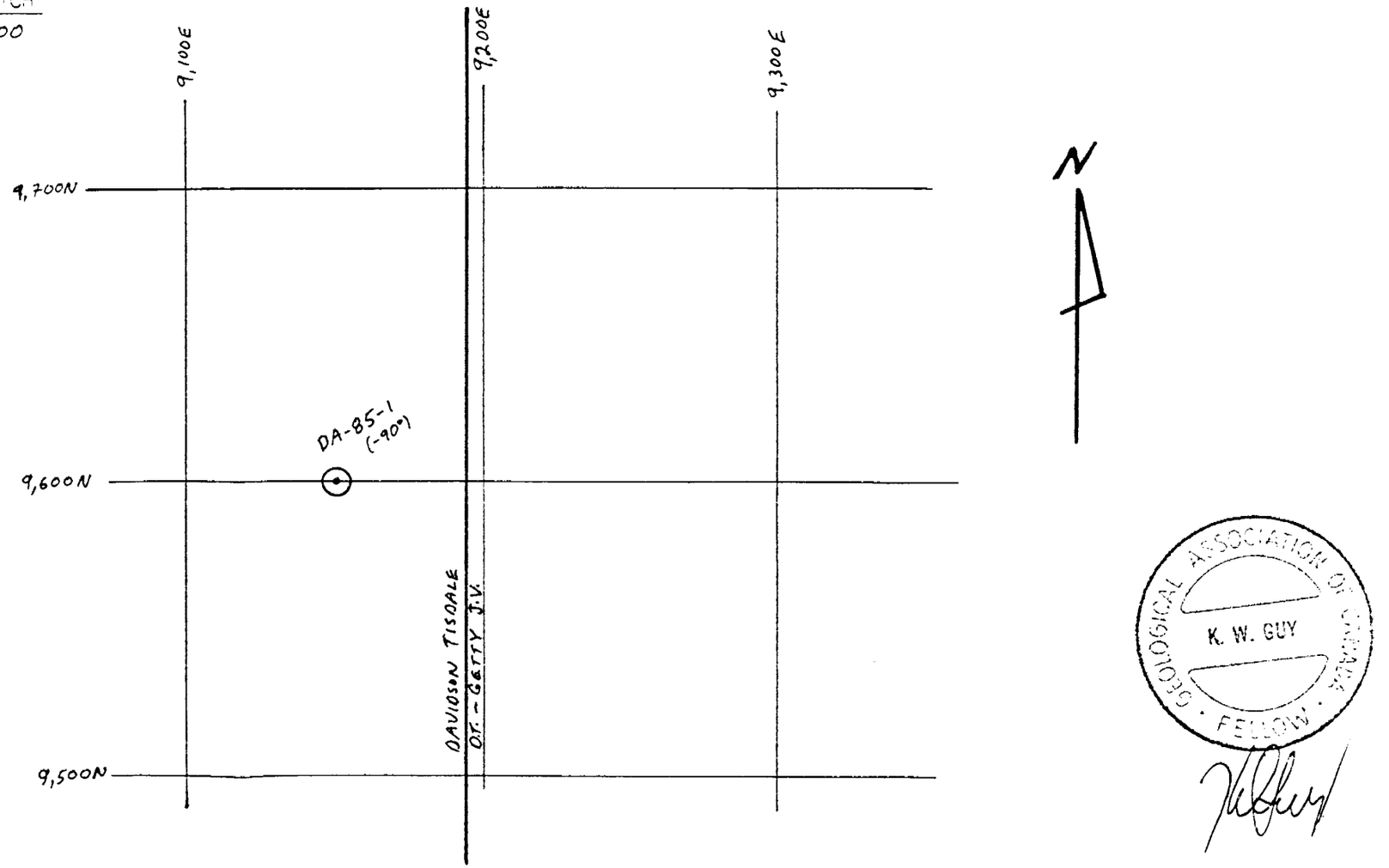
DIAMOND DRILL HOLE RECORD

PROJECT **DAVIDSON TISDALE MINES LTD.**
HOLE No. DA-85-1

LOCATION		DIP TEST		LEVEL		HORIZONTAL COMPONENT		DATE STARTED	November 6, 1985
AREA OR TWP.	TISDALE TWP.	FOOTAGE	ANGLE RECORDING / CORRECTED			VERTICAL COMPONENT		DATE FINISHED	November 8, 1985
CLAIM No.	567397	collar	-90°	ELEVATION		BEARING		LOGGED BY	K. Guy
				LATITUDE	9,600N	LENGTH	284.0 m	PURPOSE	-test extension of S-zone
NTS	UTM			DEPARTURE	9,150E	CORE LOCATION	DT Property	TOT. RECOVERY	100%

DIAMOND DRILL HOLE LOCATION SKETCH

SCALE: 1:2,000



GEOLOGICAL ASSOCIATION OF CANADA
K. W. GUY
FELLOW

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. DA-85-1 Page 1 of 2

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
0	11.2	Casing - overburden							
11.2	138.0	Mafic Volvanic - Fe Tholeiite Basalt							
		- green to dark green colour			51715	22.0	23.0	1.0	8
		- medium grained							
		- massive homogenous texture			16	36.0	37.5	1.5	4
		- chloritic							
		22.1 - 23.0 carbonatized - calcite with qtz veinlets							
		at random orientation			18	128.0	129.5	1.5	3
		36.2 - 36.4 qtz vein			19	132.0	133.4	1.4	6
					20	133.4	134.4	1.0	11
		36.9 - 37.2 silicified, epidote			21	134.4	135.5	1.1	4
					722	135.5	136.5	1.0	11
		54.0 - 80.0 carbonatized - calcite							
		87.0 - 97.5 carbonatized - calcite							
		89.6 - 91.6 broken, blocky ground - fault							
		94.0 - 97.5 calcite stringers, broken, blocky ground - fault							
		128.2 - 129.5 silicified, epidote section, carbonatized, calcite							
		133.4 - 134.4 qtz vein, massive qtz with minor assimilation at broken contacts, no alteration of host or assimilated rafts							
		135.7 - 135.88 qtz vein at 75° to C.A.							
		134.4 - 138.0 carbonatized - calcite							
		135.4 bleb of cpy							

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. Da-85-1 Page 2 of 2

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AX'S	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
138.0	284.0	Mg Tholeiite Basalt							
		- green to pale green colour							
		- fine to medium grained							
		- pillowed							
		- pillow selvages are black chlorite, calcite rich							
		with trace po, py			51723	195.5	197.0	1.5	7
		166.3 - 167.3 broken, blocky ground-fault zone			24	220.0	221.0	1.0	18
					25	263.0	264.5	1.5	4
		177.0 - 234.0 carbonatized - calcite							
		194.0 - 195.0 - broken, blocky ground - fault zone							
		193.0 - 200.0 many calcite stringers and veinlets at							
		random orientation, most concentrated near fault zone.							
		250 - 284 intermittent carbonatized - calcite, sections							
	284.0	End of Hole							

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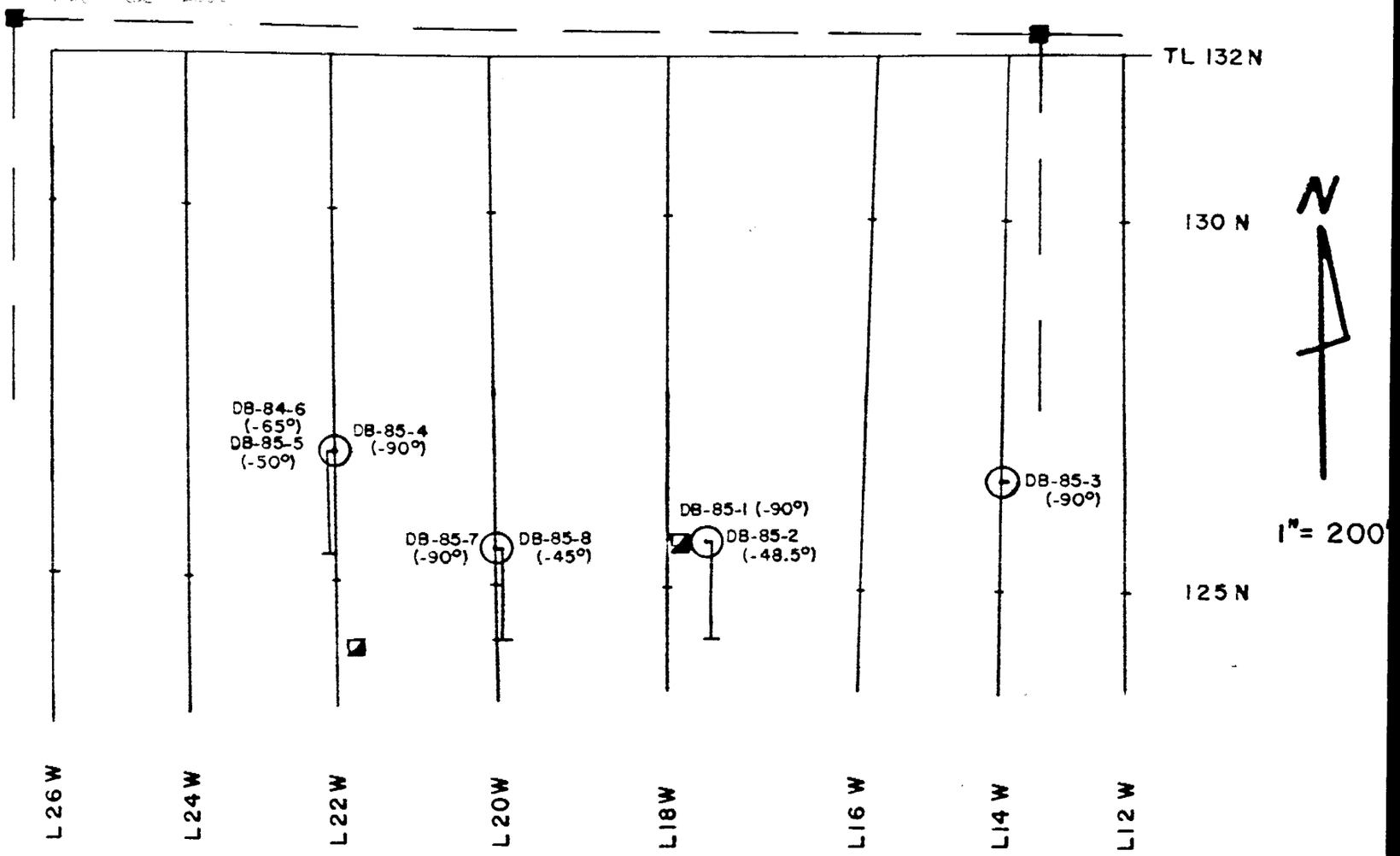
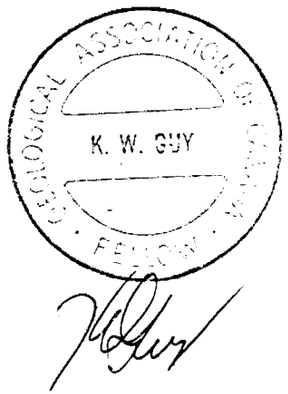
DIAMOND DRILL HOLE RECORD

PROJECT **DAVIDSON TISDALE MINES LTD.**
HOLE No. DB-85-1

LOCATION		DIP TEST			LEVEL		HORIZONTAL COMPONENT		DATE STARTED	November 8/85
AREA or TWP.	TISDALE TWP.	FOOTAGE	ANGLE RECORDING	ANGLE CORRECTED			VERTICAL COMPONENT		DATE FINISHED	November 11/85
CLAIM No.	Patent 12886	collar		-90°		NEWMONT GRID CO-ORDS.	BEARING		LOGGED BY	K. Guy
MTS	UTM				LATITUDE	18+50W	LENGTH	254.0 m	PURPOSE	Test Armstrong-McGibbon
					DEPARTURE	125-60N	CORE LOCATION	DT property	TOT. RECOVERY	100%

DIAMOND DRILL HOLE LOCATION SKETCH





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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. DB-85-1 Page 1 of 6

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPH-IDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
0	2.5	Casing - overburden							
2.5	10.0	Mg Tholeiite Basalt - unaltered							
		- green colour							
		- medium grained							
		-massive texture							
		- chloritic							
		6.5 - 10.0 carbonatized - calcite			51801	9.5	11.0	1.5	22
10.3	29.3	Mg Tholeiite Basalt - altered			802	14.0	15.5	1.5	11
		- grey colour			03	15.5	17.0	1.5	14
		- fine to medium grained			04	17.0	18.2	1.2	7
		- massive texture			05	18.2	19.2	1.0	6
		- sericitic, carbonatized			06	19.2	20.0	0.8	14
					07	20.0	21.0	1.0	37
		10.0 - 16.0 calcite			08	21.0	22.0	1.0	7
		16.0 - 29.3 ferrodolomite			09	22.0	23.0	1.0	6
					10	23.0	24.0	1.0	8
		17.93 - 18.15 qtz-siderite at 70° to C.A.			11	24.0	25.0	1.0	22
		18.3 - 19.15 qtz-veing - siderite tour, assimilated			12	25.0	26.0	1.0	8
		host, contacts and tour veinlets at 75° to C.A.			13	26.0	27.0	1.0	17
					14	27.0	28.0	1.0	18
					15	28.0	29.0	1.0	7
		19.15 - 21.5 silicified, py			16	24.0	30.0	1.0	14
		28.5 - 29.0 silicified section with 20% tourmaline							
29.3	73.8	Mg Tholeiite Basalt - unaltered							
		- dark green to green colour			17	36.0	37.0	1.0	15
		- medium grained							
		- massive, very homogenous texture			18	60.0	61.0	1.0	14
		- chloritic							

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. DB-85-1 Page 2 of 6

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
		29.3 - 41.0 carbonatized - calcite							
		29.3 - 41.0 chlorite, carbonate alteration							
		36.55 - 1 cm qtz-tour vein at 80° to C.A.							
		63.5 - 73.8 carbonaticed - calcite							
73.8	81.0	Mg Tholeiite Basalt - altered							
		- greenish grey colour			51819	74.5	75.5	1.0	84
		- medium grained							
		- massive texture			51820	78.5	80.0	1.5	69
		- sericitic, carbonatized			21	80.5	82.0	1.5	15
		73.8 - 75.0 calcite							
		75.0 - 81.0 ferrodolomite							
		75.0 - 75.1 qtz vein at 60° to C.A.							
		75.1 - 75.3 siderite							
		80.86 - 1 cm qtz-tour vein at 80° to C.A.							
		81.8 - 82.0 silicified							
81.0	117.0	Mg Tholeiite Basalt - unaltered							
		- dark green colour			22	94.0	95.0	1.0	43
		- medium grained							
		- massive							
		81.0 - 86.0 chloritic, carbonatized - calcite							
		86.0 - 101.0 unaltered							
		101.0 - 117.0 chloritic, carbonatized - calcite							
117.0	121.25	Mg Tholeiite Basalt - altered			23	119.0	120.0	1.0	27
		- greenish-grey to grey colour			24	120.0	121.25	1.25	6
		- medium grained							
		- massive							

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EXPLORATION SERVICES

DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. DB-85-1 Page 3 of 6

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
		sericitic, carbonatized - ferrodolomite							
121.25	122.9	Quartz Vein System - strong			51825	121.25	122.0	0.75	70
		- one vein with assimilated host, siderite, tour,			26	122.0	122.9	0.9	140
		py, cpy							
		- upper contact broken, lower at 65° to C.A.							
		- 75% qtz, 25% host							
		- host-vein contacts are tour, py, cpy rich							
		- host is sericitic, chloritic, carbonatized							
122.9	128.0	Mg Tholeiite Basalt - altered			27	122.9	124.0	1.1	15
		- grey colour			28	124.0	125.0	1.0	43
		- medium grained			29	125.0	126.0	1.0	17
		- massive			830	126.0	127.0	1.0	45
		- sericitic, carbonatized - ferrodolomite, calcite			31	127.0	128.0	1.0	35
		123.2 - 1 cm qtz vein at 80° to C.A.							
		125.75 - 10 cm qtz vein at 70° to C.A.							
		126.85 - 8 cm qtz vein at 60° to C.A.							
		127.05 - 127.2 silicified, py							
128.0	148.0	Mg Tholeiite Basalt - unaltered							
		- dark green to green colour							
		- medium grained							
		- massive							
		128.0 - 132.0 chloritic, carbonatized - calcite							
		139.0 - 148.0 carbonatized - calcite							

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EXPLORATION SERVICES

DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. DB-85-1 Page 4 of 6

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
148.0	150.2	Mg Tholeiite Basalt - altered							
		- grey colour							
		- medium grained							
		- massive, homogenous texture							
		- sericitic, carbonatized							
		148.0 - 150.0 calcite			51832	149.0	150.2	1.2	34
		150.0 - 150.2 ferrodolomite							
150.2	158.3	Quartz Vein System - moderate			33	150.2	151.0	0.8	38
		150.2 - 150.8 silicified, py			34	151.0	152.0	1.0	22
		150.8 - 151.0 qtz vein, upper contact 75°, lower contact 50° to C.A.			35	152.0	153.0	1.0	47
					36	153.0	154.0	1.0	6
		151.1 - 1 cm qtz vein at 50° to C.A.			37	154.0	155.0	1.0	10
		151.15 - 1 cm qtz vein at 40° to C.A.			38	155.0	156.0	1.0	54
		151.5 - 151.75 qtz vein at 75° to C.A.			39	156.0	157.4	1.4	6
		152.3 - 1 cm qtz vein at 40° to C.A.			840	157.4	158.3	0.9	11
		152.5 - 1 cm qtz vein at 35° to C.A.							
		152.65 - 2 cm qtz vein at 20° to C.A.							
		153.15 - 153.75 qtz vein, upper contact, 50°, lower contact 30° to C.A.							
		155.0 - 155.6 silicified, qtz veins, py							
		157.4 - 157.7 silicified, py							
		157.7 - 158.2 qtz vein at 60° to C.A., tour, cpy							
		158.2 - 158.3 silicified							
		- host rock is sericitic ferrodolomite with py, cpy							
		- 35% qtz vein, 65% host							

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. DB-85-1 Page 5 of 6

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Results ppb Au
158.3	160.1	Mg Tholeiite Basalt - altered			51841	158.3	159.6	1.3	8
		- grey colour			42	159.6	160.6	1.0	32
		- fine grained							
		- massive							
		- sericitic, carbonatized - ferrodolomite							
		159.15 - 4 cm qtz vein at 50° to C.A.							
		159.5 - 1 cm qtz-tour vein at 50° to C.A.							
160.1	183.5	Mg Tholeiite Basalt - chlorite - calcite alteration							
		- dark green colour							
		- fine to medium grained							
		- massive, homogenous texture							
		- chloritic, carbonatized - calcite							
		- occasional possible selvage zones with minor py							
183.5	210.0	Mg Tholeiite Basalt - unaltered							
		- green colour							
		- medium grained							
		- massive to pillowed texture							
		- selvage zones ar chlorite, calcite rich with minor py							
		- carbonatized - calcite							
210.0	216.5	Mg Tholeiite Basalt - unaltered							
		- pale green colour			843	213.5	215.0	1.5	7
		- flow top breccia							
		- matrix contains occasional py							
		- occasionally slightly carbonatized							

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. DB-85-1 Page 6 of 6

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AX'S	% SULPH.	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
216.5	254.0	Mg Tholeiite - unaltered - pillowed							
		- pale green colour							
		- medium grained							
		- well pillowed texture							
		- selvage zones are chlorite, calcite rich with minor py, po							
		- carbonatized - calcite							
	254.0	End of Hole							

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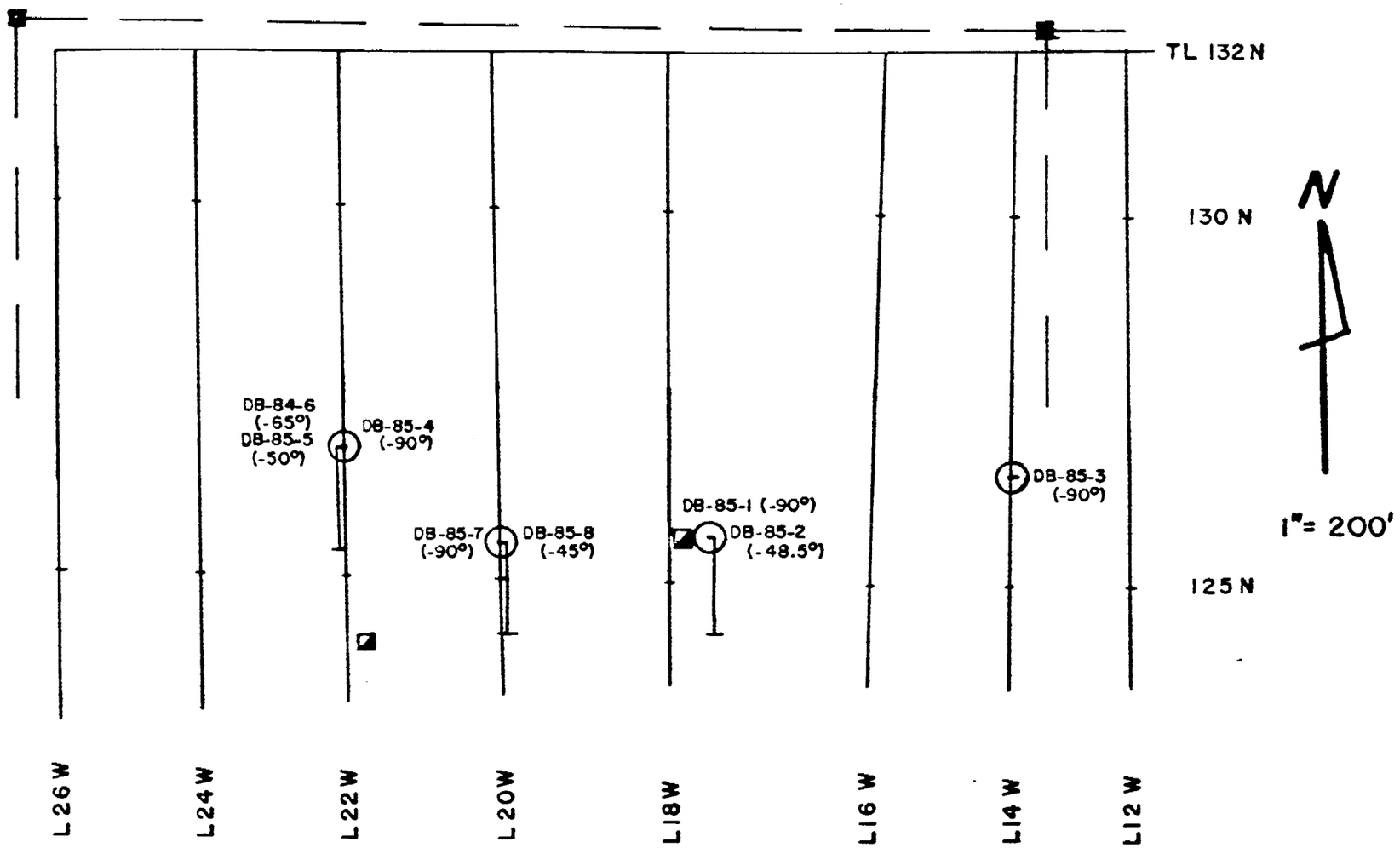
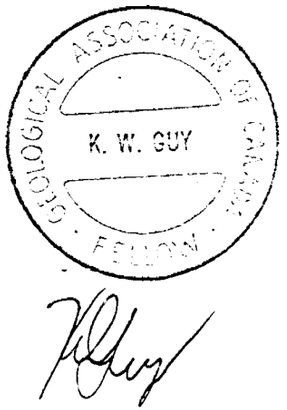
DIAMOND DRILL HOLE RECORD

PROJECT **DAVIDSON TISDALE MINES LTD.**
HOLE No. DB-85-2

LOCATION	DIP TEST			LEVEL		HORIZONTAL COMPONENT		DATE STARTED	November 24/85
AREA or TWP. TISDALE	FOOTAGE	ANGLE RECORDING	ANGLE CORRECTED			VERTICAL COMPONENT		DATE FINISHED	November 25/85
CLAIM No. Patent 12886	collar		-48.5°	ELEVATION	Newmont Grid	BEARING	az 180°	LOGGED BY	K. Guy
	170.0 m		-47°	LATITUDE	18 + 50W	LENGTH	56.0 - 179.0 m	PURPOSE	Test Au Zone
NTS UTM				DEPARTURE	125 + 60N	CORE LOCATION	DT Mine Site	TOT. RECOVERY	

DIAMOND DRILL HOLE LOCATION SKETCH





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EXPLORATION SERVICES

DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.

HOLE No. DB-85-2 Ext. Page 1 of 2

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AX'S	SULPH-IDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Results: ppb Au	Other
0	56.0	DB-85-2								
56.0	69.5	Mg Tholeiiite Basalt - unaltered								
		- dark green colour								
		- medium grained								
		- massive, homogenous texture								
		62.0 - 69.5 chlorite - calcite alteration								
69.5	127.0	Mg Tholeiite Basalt - altered			24661	72.5	74.0	1.5	6	
		- grey colour			62	74.0	75.2	1.2	4	
		- fine to medium grained			63	75.2	76.2	1.0	4	
		- massive, homogenous texture			64	76.2	77.4	1.2	10	
		- sericitic, carbonatized - ferrodolomite			65	77.4	78.4	1.0	11	
			V.G.		66	78.4	78.9	0.5		Metallic 0.31
		74.2 - 74.3 qtz vein at 55° to C.A.							6.55,6.75 grams	
		75.15 - 75.3 siderite			67	78.9	80.0	1.1	147	
		75.2 - 78.9 weak Quartz Vein System			68	80.0	81.5	1.5	94	
		75.3 - 76.15 Quartz Vein			69	81.5	83.0	1.5	26	
		- tour, siderite, py			70	83.0	84.5	1.5	4	
		- upper contact at 50° to C.A.								
		- lower contact at 30° to C. A.			71	86.0	87.5	1.5	7	
		78.55 - 78.8 Quartz Vein			72	92.5	93.5	1.0	14	
		78.55 V.G. 2 groups of pinhead gold vein - host								
		contact is py, cpy rich			73	96.5	98.0	1.5	12	
		- tour -py-cpy veinlets in vein			74	98.0	99.5	1.5	10	
		- contacts at 20° to C.A.			75	99.5	101.0	1.5	12	
		79.3 - 4 cm qtz vein at 35° to C.A.			76	102.0	103.5	1.5	7	
		79.95 - 1 cm qtz vein at 50° to C.A.			77	110.0	111.5	1.5	10	
		81.2 - 81.5 silicified, py								

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. DB-85-2 Ext. Page 2 of 2

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
		81.9 - 82.2 silicified			24678	116.0	117.5	1.4	4
		82.5 - 127.0 calcite			79	117.5	119.0	1.5	12
		92.7 - 92.9 silicified, py			80	123.5	125.0	1.5	14
		96.7 - 97.7 silicifed, py, minor qtz veining							
		98.1 - 98.45 brecciated qtz-calcite vein at 40° to C.A.							
		- from 104.0 m rock is pillowed, selvage zones are black chlorite rich, tr py							
		115.0 - 119.0 core is broken, blocky, many porous calcite veinlets, fault zone							
		- lower contact at 50° to C.A.							
127.0	179.0	Mg Tholeiite Basalt - unaltered							
		- green to pale green colour							
		- medium grained							
		- well pillowed, amygdaloidal							
		- fresh Mg Tholeiite							
	179.0	End of Hole							

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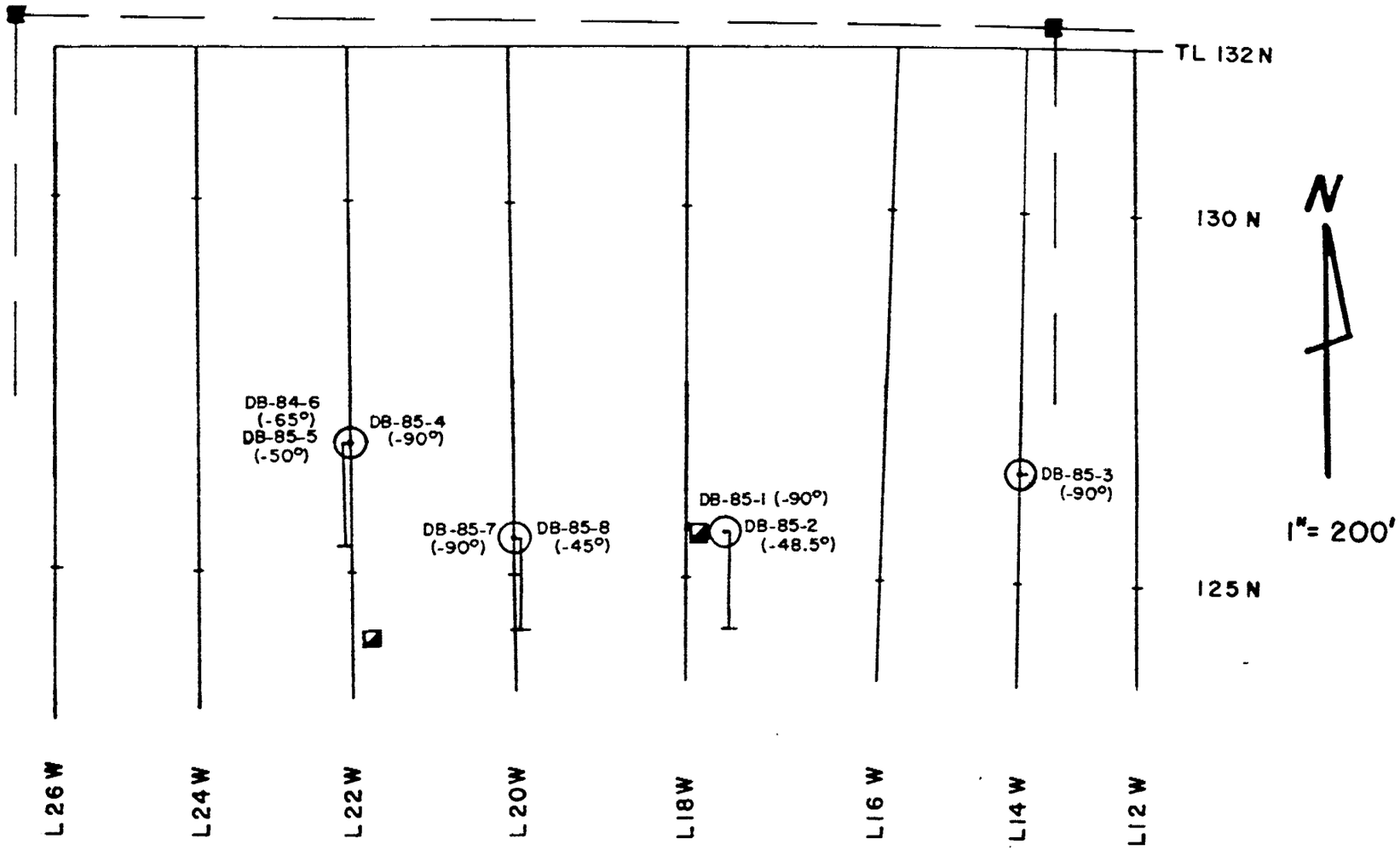
DIAMOND DRILL HOLE RECORD

PROJECT **DAVIDSON TISDALE MINES LTD.**
HOLE No. DB-85-2

LOCATION		DIP TEST			LEVEL		HORIZONTAL COMPONENT		DATE STARTED	November 11, 1985
AREA or TWP.	TISDALE TWP.	FOOTAGE	ANGLE RECORDING	ANGLE CORRECTED			VERTICAL COMPONENT		DATE FINISHED	November 12, 1985
CLAIM No.	PATENT 12886	collar		-48.5	ELEVATION		BEARING	az 180°	LOGGED BY	K. Guy
NTS	UTM				LATITUDE	18+50W	LENGTH	56.0 m	PURPOSE	Test Armstrong-McGibbon
					DEPARTURE	125+60N	CORE LOCATION	DT Property	TOT. RECOVERY	

DIAMOND DRILL HOLE LOCATION SKETCH



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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. DB-85-2 Page 1 of 2

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
0	3.0	Casing - overburden							
3.0	10.0	Mg Tholeiite Basalt - unaltered							
		- dark green colour							
		- fine grained							
		- massive							
		- chloritic							
		5.5 - 6.0 - water seam							
		6.5 - 8.2 broken, weathered core, water seam							
		8.2 - 10.0 carbonatized - calcite							
		9.7 - 9.8 - water seam							
10.0	16.0	Mg Tholeiite Basalt - altered			51858	12.5	14.0	1.5	6
		- grey colour			59	14.0	16.0	2.0	17
		- fine grained							
		- massive							
		- sericitic, carbonatized-calcite, siderite							
		13.6 - 16.0 increasing siderite down hole,							
		many water seams, weathered core - 0.5 m missing							
		core, cavity or washed							
16.0	21.5	Quartz Vein System - strong			60	16.0	17.0	1.0	3
		16.0 - 20.2 1 qtz-tour vein, occasional			61	17.0	18.0	1.0	28
		rafts of host, many tour veinlets			62	18.0	19.0	1.0	10
		py with tour and on host-vein contacts			63	19.0	20.0	1.0	10
		- host fragments are silicified, ferrodolomite			64	20.0	21.0	1.0	7
		- core angles are broken at contacts			51865	21.0	21.5	0.5	8
		20.2 - 21.0 sericitic, silicified, carbonatized							
		ferrodolomite, 5% py							

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. DB-85-2 Page 2 of 2

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
		21.0 - 21.5 qtz Vein							
21.5	27.0	Mg Tholeiite Basalt - altered			51866	21.5	22.5	1.0	8
		- grey colour			67	22.5	23.5	1.0	10
		- fine grained			68	23.5	24.5	1.0	7
		- massive texture			51869	24.5	26.0	1.5	6
		- sericitic, carbonatized-ferrodolomite							
		- many seams with siderite							
		24.6 - 24.7 silicified, py							
27.0	56.0	Mg Tholeiite Basalt - unaltered							
		- dark green to green colour							
		- medium grained							
		- massive texture							
		- chloritic							
		27.0 - 36.0 carbonatized - calcite, decreasing downhole							
56.0		End of Hole							

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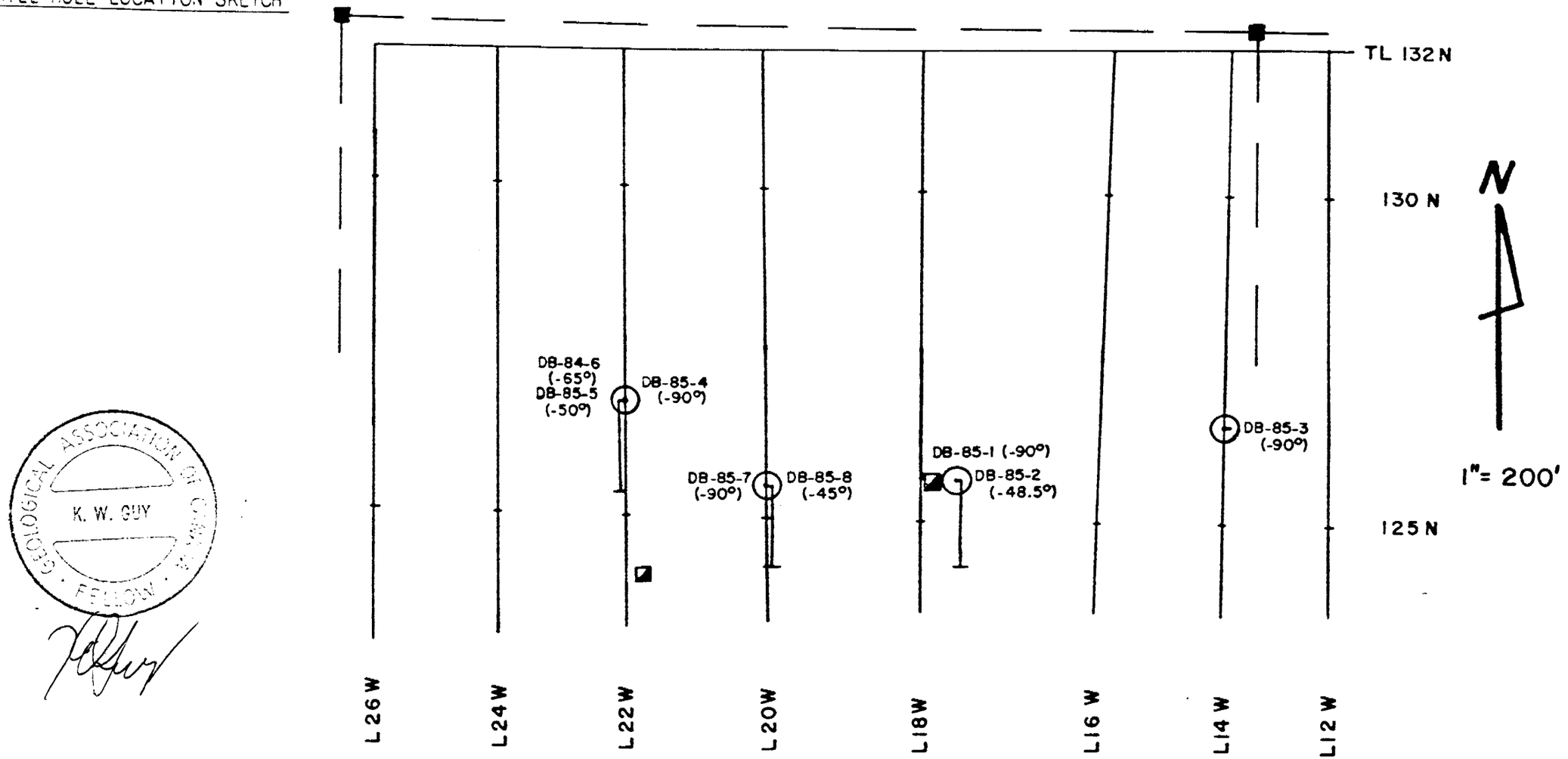
DIAMOND DRILL HOLE RECORD

PROJECT **DAVIDSON TISDALE MINES LTD.**

HOLE No. DB-85-3

LOCATION		DIP TEST			LEVEL		HORIZONTAL COMPONENT		DATE STARTED	November 12/85
AREA or TWP.	TISDALE TWP.	FOOTAGE	ANGLE				VERTICAL COMPONENT		DATE FINISHED	November 13/85
			RECORDING	CORRECTED						
CLAIM No.	Patent 12886	collar		-90°	ELEVATION	Newmont Grid Co-ords.	BEARING		LOGGED BY	K. Guy
NTS	UTM				LATITUDE	L14W	LENGTH	131.0 m	PURPOSE	Test estension of
					DEPARTURE	126+ 50N	CORE LOCATION	DT property	TOT. RECOVERY	Armstrong-McGibbon

DIAMOND DRILL HOLE LOCATION SKETCH



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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. _____ Page 1 of 1

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
0	15.0	Casing - overburden							
15.0	131.0	Mg Tholeiite Basalt - unaltered							
		- green to pale green colour			51870	32.0	33.0	1.0	11
		- medium grained							
		- pillowed to massive texture			71	45.5	47.0	1.5	15
		- carbonatized - calcite							
		- from 22.0 - 37.0 weathered broken core			72	108.5	110.0	1.5	8
		with sections of fault gouge, 34.25 - 35.0 m ground core							
		- chloritic			73	129.0	130.0	1.0	11
		45.4 - 46.8 silicified with py, siderite							
		- decreasing chlorite downhole							
		- from 53.0 m massive texture							
		- from 95.0 m pillowed							
	131.0m	End of Hole							

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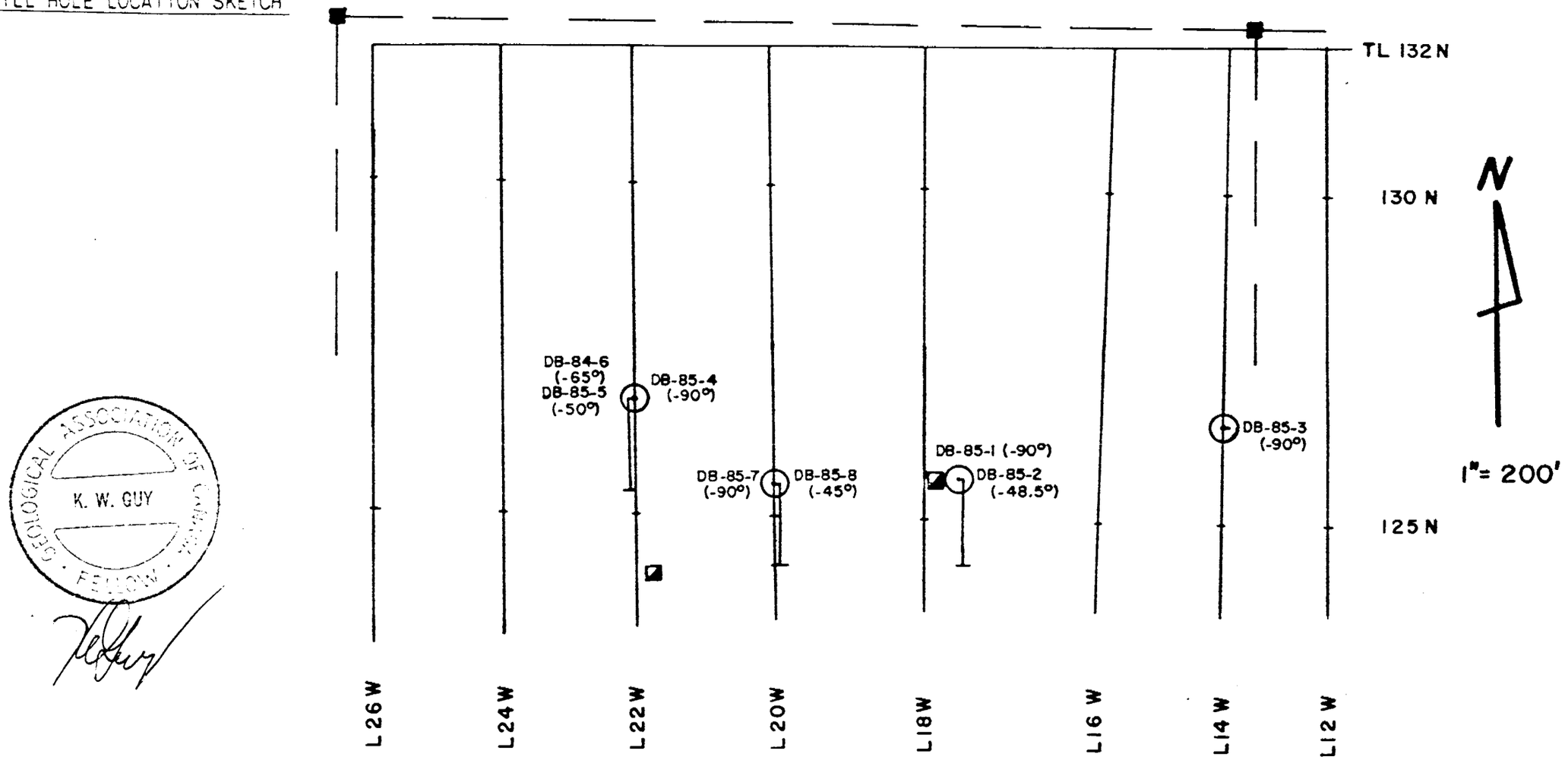
DIAMOND DRILL HOLE RECORD

PROJECT **DAVIDSON TISDALE MINES LTD.**
HOLE No. DB-85-4

LOCATION	DIP TEST			LEVEL		HORIZONTAL COMPONENT			
AREA or TWP. TISDALE TWP.	FOOTAGE	ANGLE RECORDING	ANGLE CORRECTED			VERTICAL COMPONENT		DATE STARTED	November 14, 1985
	Collar							DATE FINISHED	November 16, 1985
CLAIM No. PATENT 12886				ELEVATION Newmont Grid Co-ords.		BEARING		LOGGED BY	K. Guy
NTS UTM				LATITUDE L22W		LENGTH	203.0 m	PURPOSE	Test Armstrong-McGibbo
				DEPARTURE 126 + 75N		CORE LOCATION	DT Mine Site	TOT. RECOVERY	

DIAMOND DRILL HOLE LOCATION SKETCH



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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.

HOLE No. DB-85-4 Page 1 of 4

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result:
0	6.0	Casing - overburden							
6.0	18.0	Mg Tholeiite Basalt - unaltered							
		- green colour							
		- medium grained							
		- massive texture							
		17.0 - 18.8 carbonatized - calcite							
18.2	23.9	Mg Tholeiite Basalt - altered			51951	20.0	21.0	1.0	10
		- grey colour			52	21.0	22.0	1.0	12
		- fine grained			53	22.0	23.0	1.0	26
		- massive texture							
		- sericitic, carbonatized-calcite							
		- upper contact very sharp at 70° to CA							
		20.0 - 22.0 silicified with silica blebs and stringers							
		21.1 - 1 cm qtz vein at 80° to CA							
		21.45 - 21.55 siderite							
23.9	35.0	Mg Tholeiite Basalt - unaltered							
		- green to dark green colour							
		- fine to medium grained							
		- pillowed texture							
		- increasing chlorite downhole							
		29.0 - 35.0 carbonatized - calcite							
		29.0 - 29.8 water seams							
35.0	37.6	Mg Tholeiite Basalt - altered			54	35.0	36.0	1.0	.01 oz/T
		grey to grey-green colour			55	36.0	37.0	1.0	.084 oz/T
		- fine grained			56	37.0	38.0	1.0	137

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. DB-85-4 Page 2 of 4

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
		-sericitic, carbonatized - calcite							
		- silicified, qtz veined, py 2-5%							
		- occasional siderite seam							
37.6	101.0	Mg Tholeiite Basalt - unaltered							
		- dark green to green colour			51957	43.5	44.5	1.0	6
		- medium grained							
		- massive							
		37.6 - 50.0 chlorite-carbonate-calcite							
		43.9 - 5 cm calcite vein with tour, py to 60°							
		to CA							
		91.0 - 101 chlorite-carbonate-calcite							
101.0	108.5	Mg Tholeiite Basalt - altered			58	101.0	102.0	1.0	11
		- grey to grey-green colour			59	102.0	103.0	1.0	15
		- fine grained			60	103.0	104.0	1.0	7
		- massive							
		- sericitic, carbonatized			61	104.0	104.5	0.5	6
		101.0 - 106.0 ferrodolomite		VG	62	104.5	105.0	0.5	1.65 oz/T
		106.0 - 108.5 calcite			63	105.0	105.5	0.5	.322 oz/T
		104.15 - 105.2 Quartz Vein			64	105.5	106.5	1.0	18
		104.88- Coarse Fleck of V.G.			65	106.5	107.5	1.0	12
		104.96 3 cm section os assmililated host			66	107.5	108.5	1.0	15
		and vein contact contains numerous pinheads of							
		V.G. with the py							
		- 70% qtz, 30% assimilated host, py on host-vein							
		contacts, tourmaline veinlets							

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. DB-85-4 Page 3 of 4

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
108.5	159.3	Mg Tholeiite Basalt - unaltered			51967	108.5	110.0	1.5	11
		- green colour							
		- medium grained			51968	146.0	147.5	1.5	49
		- massive to pillowed							
					69	152.0	153.5	1.5	60
		108.5 - 114.5 carbonatized - calcite							
		- selvage zones are chlorite, calcite rich with							
		occasional py							
		145.5 - 148.5 hematite-carbonate, calcite							
		alteration - py to 5%							
		152.0 - 155.5 schistose-calcite rich section							
		145.5 - 159.3 carbonatized - calcite							
159.3	182.6	Mg Tholeiite Basalt - altered			70	159.0	160.0	1.0	10
		- grey colour			71	160.0	161.0	1.0	11
		- fine to medium grained			72	161.0	162.0	1.0	15
		- massive texture							
		- sericitic, carbonatized -ferrodolomite			73	165.5	167.0	1.5	8
		169.3 - 8 cm qtz-tour vein at 70° to CA			74	170.0	171.0	1.0	6
		160.3 - 4 cm qtz vein at 60° to CA			75	171.0	172.0	1.0	21
		161.7 - 2 cm qtz-py vein at 70° to CA							
		165.85 - 2 cm qtz vein at 60° to CA			76	173.0	174.0	1.0	27
		166.0 - 167.0 - silicified							
		170.0 - 172.0 - silicified, qtz veins, py			77	175.0	176.0	1.0	17
		170.01 - 1 cm qtz vein							
		170.25 - 6 cm qtz vein			78	177.5	178.5	1.0	15
		170.9 - 1 cm qtz vein							
		171.8 - 2 cm qtz vein			79	180.5	182.0	1.0	8

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. DB-85-4 Page 4 of 4

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
		173.0 - 174.0 silicified, 173.1 - 10 cm qtz-tour vein			51980	182.0	183.0	1.0	14
		175.3 - 3 cm qtz vein at 25° to CA							
		177.64 - 2 cm qtz vein at 75° to CA							
		177.9 - 3 cm qtz vein at 70° to CA							
		182.53 - 7 cm qtz vein on contact at 75° to CA							
182.6	203.0	Mg Tholeiite Basalt - unaltered			51981	197.0	198.5	1.5	21
		- dark green colour							
		- medium grained							
		- massive to pillowed, amygdaloidal							
		- chlorite alteration							
		182.6 - 195.0 chlorite-calcite alteration							
		selvage zones are chlorite, calcite rich with tr py							
		- amygdules are calcite filled							
		- decreasing chlorite downhole to 200 m where fresh Mg Tholeiite							
203.0		End of Hole							

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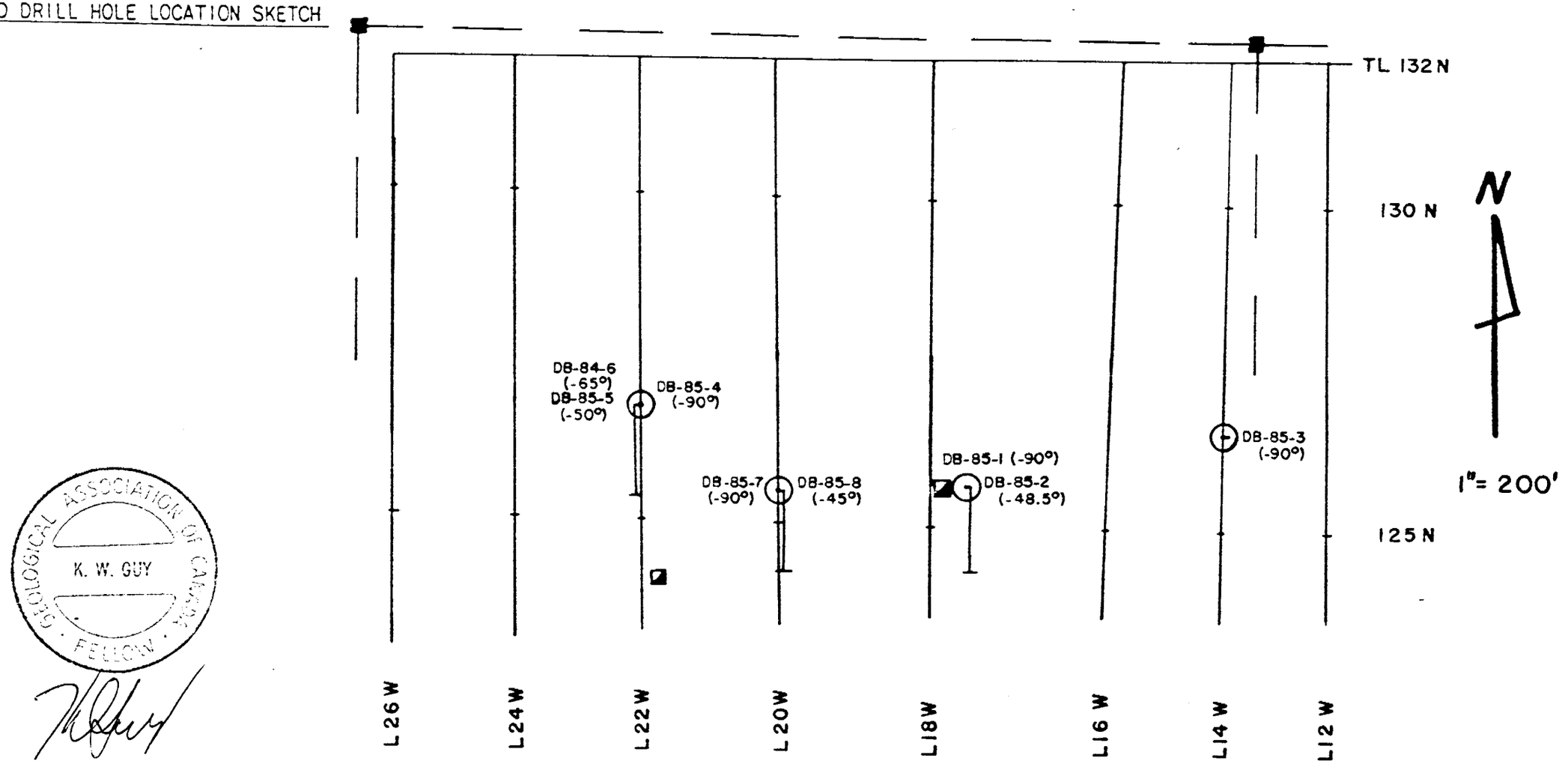
DIAMOND DRILL HOLE RECORD

PROJECT **DAVIDSON TISDALE MINES LTD.**
HOLE No. DB-85-5

LOCATION		DIP TEST			LEVEL		HORIZONTAL COMPONENT		DATE STARTED	November 16/85
AREA or TWP.	TISDALE TWP.	FOOTAGE	ANGLE RECORDING	ANGLE CORRECTED			VERTICAL COMPONENT		DATE FINISHED	November 18/85
CLAIM No.	Patent 12886	collar		-50°	ELEVATION	Newmont Grid Co-ords	BEARING	az 180°	LOGGED BY	K. Guy
NTS	UTM	100 m		-50°	LATITUDE	L22W	LENGTH	217.0 m	PURPOSE	Test Armstrong-McGibbo
		217 m		-50°	DEPARTURE	126 + 75N	CORE LOCATION	DT Mine Site	TOT. RECOVERY	

DIAMOND DRILL HOLE LOCATION SKETCH



GEOLOGICAL ASSOCIATION OF CANADA
K. W. GUY
FELLOW

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. _____ Page 1 of 4

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AX'S	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
0	9.0	Casing - overburden							
9.0	21.0	Mg Tholeiite Basalt - unaltered							
		- dark green colour			51982	17.0	18.5	1.5	12
		- medium grained							
		- pillowed							
		- chloritic							
		17.0 - 21.0 chlorite - calcite alteration							
		- contact is gradational							
21.0	44.0	Mg Tholeiite Basalt - altered							
		- grey to light grey colour			83	21.0	22.0	1.0	7
		- fine grained							
		- massive			84	25.0	26.5	1.5	8
		- sericitic, carbonatized - ferrodolomite			85	26.5	27.5	1.0	6
					86	27.5	28.5	1.0	7
		26.6 - 26.95 qtz vein at 50° to C.A.			87	28.5	29.5	1.0	14
		27.3 - 2 cm qtz vein at 60° to C.A.			88	29.5	30.5	1.0	11
		27.9 - 2 cm qtz vein at 60° to C.A.							
		28.6 - 29.5 silicified, highly altered, py to 15%,			89	33.5	35.0	1.5	22
		siderite			90	35.0	36.0	1.0	10
		28.7 - 28.8 qtz vein at 80° to C.A.			91	36.0	37.0	1.0	8
		39.3 - 29.4 qtz-tour vein at 60° to C.A.			92	37.0	38.5	1.5	15
		35.2 - 8 cm qtz-tour vein			93	38.5	40.0	1.5	4
		36.1 - 36.22 qtz-tour vein at 70° to C.A.			94	40.0	41.0	1.0	6
		36.6 - 7 cm qtz-tour vein at 80° to C.A.			95	41.0	42.5	1.5	7
		38.6 - 1 cm qtz vein at 45° to C.A. with siderite for							
		5 cm both sides							
		39.5 - 10 cm of siderite							
		40.2 - 40.4 siderite							
		42.0 - 42.25 siderite							

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. DB-85-5 Page 2 of 4

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
44.0	79.0	Mg Tholeiite Basalt - unaltered							
		- green colour							
		- fine to medium grained							
		- pillowed							
		44.0 - 47.0 carbonatized - calcite							
		- many calcite veinlets throughout							
		65.0 - 79.7 chlorite - calcite alteration							
79.7	107.0	Mg Tholeiite Basalt - altered			51996	79.5	80.5	1.0	8
		- grey colour							
		- fine grained			97	81.0	82.0	1.0	18
		- massive to pillowed texture							
		- sericitic, carbonatized - ferrodolomite			98	84.5	86.0	1.5	27
		79.7 0 79.85 qtz-tour vein at 75° to C.A.			99	87.5	89.0	1.5	8
		81.4 - 81.5 qtz-siderite vein at 80° to C.A.			52000	92.0	93.5	1.5	11
		92.6 - 1 cm qtz vein at 50° to C.A.			24501	94.0	95.0	1.0	10
		94.1 - 94.3 silicified, py to 5%							
					24502	98.0	99.5	1.5	8
		103 - 107 carbonatized - calcite			503	100.5	101.5	1.5	19
		100.8 0 101.5 silicified, qtz veins			504	101.5	102.5	1.0	78
107.0	145.0	Mg Tholeiite Basalt - unaltered			505	107.0	108.5	1.5	12
		- pale green colour							
		- fine to medium grained			506	116.0	117.5	1.5	6
		107.0 - 116.0 flow top			507	117.5	119.0	1.5	7
		116.0 - 145.0 pillowed							

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No DB-85-5

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AX'S	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
		107.0 - 129.0 carbonatized - calcite							
		118.2 - 118.6 qtz-calcite vein							
		- selvage zones are black chlorite rich, tr py, po							
		- occasional sections of calcite filled vesicules							
		143.0 - 145.0							
145.0	170.0	Mg Tholeiite Basalt - altered			24508	147.5	148.5	1.0	19
		- gry to buff colour							
		- fine grained			09	150.0	151.5	1.5	27
		- well pillowed							
		- sericitic, carbonatized - calcite			10	155.0	156.5	1.5	11
		- selvage zones are black chlorite, calcite rich with py			11	158.5	159.5	1.0	10
					12	159.5	161.0	1.5	7
		- calcite stringers and veinlets throughout			13	164.0	165.5	1.5	15
		49.0 - 5 cm qtz veins at 45° to C.A.			14	168.5	170.0	1.5	4
		150.0 - 150.6 silicified							
		151.0 - 151.3 selvage zone with 10% py							
		151.42 - 2 cm qtz vein at 45° to C.A.							
		158.75 - 3 cm qtz-calcite vein at 45° to C.A.							
		159.1 - 3 cm qtz-calcite vein at 45° to C.A.							
170.0	217.0	Mg Tholeiite Basalt - unaltered							
		- green to pale green colour			15	178.5	179.5	1.0	6
		- fine to medium grained							
		- well pillowed, amygdaloidal							

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. DB-85-5 Page 4 of 4

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
		170.0 - 177.0 carbonatized - calcite							
		- many calcite stringers throughout							
		- amygdules are calcite filled							
		170.0 - 191.0 pillowed							
		191.0 - 217.0 massive, homogenous							
	217.0	End of Hole							

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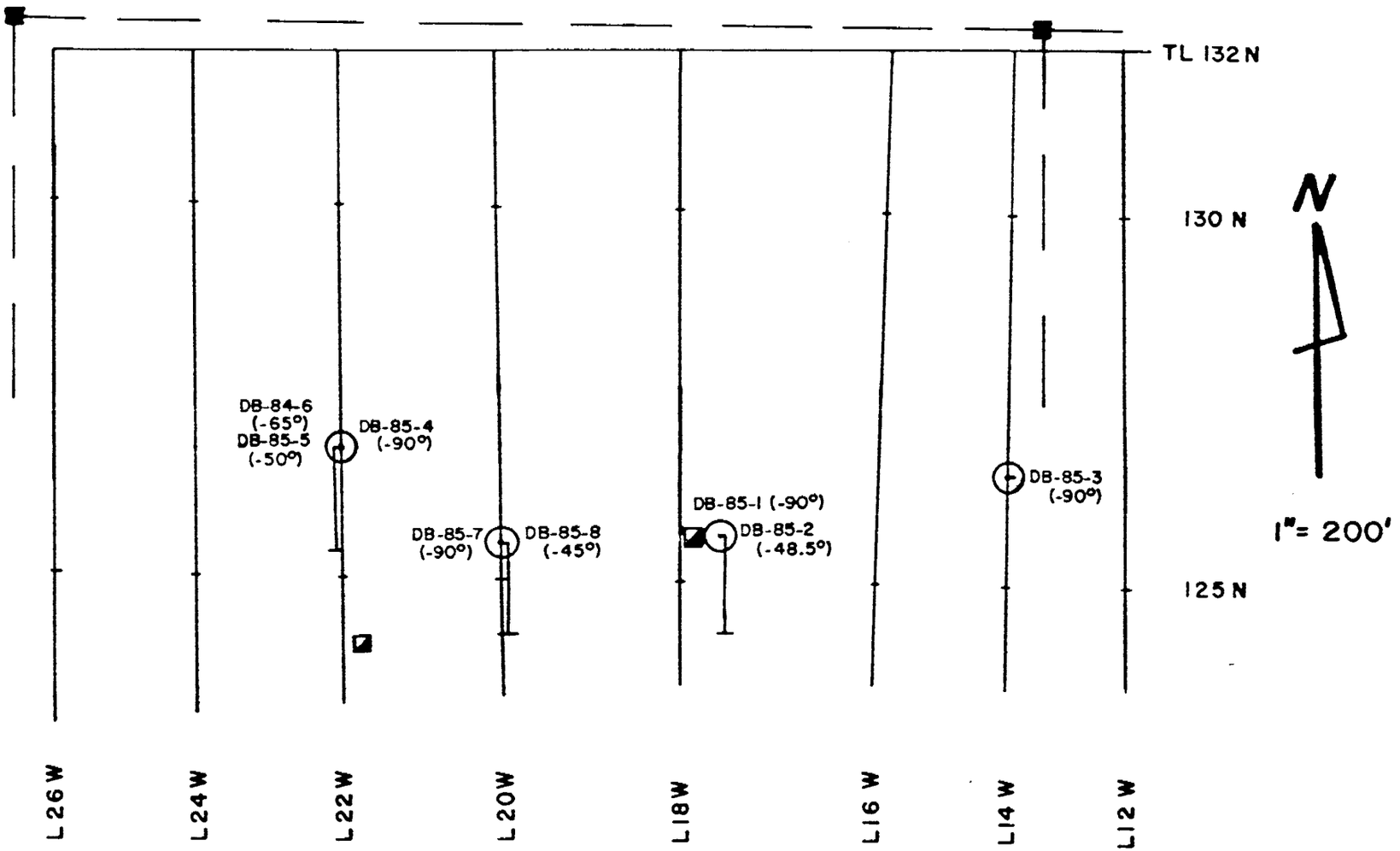
DIAMOND DRILL HOLE RECORD

PROJECT **DAVIDSON TISDALE MINES LTD.**
HOLE No. DB-85-6

LOCATION	DIP TEST			LEVEL		HORIZONTAL COMPONENT		DATE STARTED	November 18/85
AREA or TWP. TISDALE	FOOTAGE	ANGLE RECORDING	ANGLE CORRECTED			VERTICAL COMPONENT		DATE FINISHED	November 20/85
CLAIM No. Patent 12886	collar		-65°	ELEVATION		BEARING	az 180°	LOGGED BY	K. Guy
	178 m		-63°	LATITUDE	L22W	LENGTH	178.0 m	PURPOSE	Test Armstrong-McGibbon
NTS UTM				DEPARTURE	126+75N	CORE LOCATION	DT MINE SITE	TOT. RECOVERY	

DIAMOND DRILL HOLE LOCATION SKETCH



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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. DB-85-6 Page 1 of 3

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
0	7.0	Casing - overburden							
7.0	20.5	Mg Tholeiite Basalt - unaltered							
		- dark green colour							
		- medium grained							
		- massive texture							
		-chloritic							
		16.0 - 20.5 chlorite-calcite							
20.5	37.0	Mg Tholeiite Basalt - altered							
		- grey colour			24516	21.0	22.0	1.0	7
		- fine grained							
		- massive			17	24.0	25.0	1.0	8
		- sericitic, carbonatized							
		20.5 - 22.0 calcite			18	25.5	26.5	1.0	11
		22.0 - 37.0 ferrodolomite							
					19	28.0	29.0	1.0	8
		21.2 - 21.6 silicified			20	29.0	30.0	1.0	10
		24.1 - 3 cm qtz vein at 70° to C.A.			21	30.0	31.0	1.0	6
		25.9 - 26.1 siderite - qtz			22	31.0	32.0	1.0	7
		28.45 - 10 cm qtz vein at 65° to C.A.			23	32.0	33.5	1.5	10
		28.9 - 29.5 silicified							
		30.8 - 5 cm qtz vein at 70° to C.A.			24	35.0	36.5	1.5	6
		31.9 - 10 cm silicified			25	36.5	38.0	1.5	6
		32.65 - 32.80 3 x 2 cm qtz veins at 80° to C.A.							
		33.4 - 2 cm qtz vein at 80° to C.A.							
		35.75 - 35.9 siderite							
		37.0 - 1 cm qtz at 70° to C.A. on sharp alteration contact							.

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. DB-85-6 Page 2 of 3

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
37.0	80.0	Mg Tholeiite Basalt - unaltered							
		- dark green colour			24526	41.0	42.5	1.5	7
		- fine to medium grained							
		- massive to pillowed			27	57.5	59.0	1.5	6
		- chlorite alteration							
		37.0 - 45.0 chlorite - calcite			28	62.0	63.0	1.0	43
		73.0 - 80.0 carbonatized - calcite			29	77.0	78.0	1.0	8
80.0	103.0	Mg Tholeiite Basalt - altered			30	79.5	80.5	1.0	18
		- grey colour			31	80.5	81.5	1.0	33
		- fine grained			32	81.5	83.0	1.5	4
		- sericitic, carbonatized			33	85.0	86.0	1.0	6
		80.0 - 81.1 calcite							
		81.1 - 103.0 ferrodolomite							
		- massive texture			34	89.0	90.5	1.5	7
		80.5 - 80.9 silicified, calcite, py			35	92.0	93.0	1.0	17
		80.9 - 81.15 qtz vein, siderite, py			36	95.0	96.0	1.0	15
		80.15 - 81.5 silicified							
		82.5 - 8 cm qtz-tour vein at 80° to C.A.			37	96.0	97.0	1.0	7
		95.05 - 95.3 qtz-tour vein			38	97.0	98.0	1.0	15
		97.4 - 97.55 qtz vein at 75° to C.A.			39	98.0	99.5	1.5	10
		98.4 - 2 cm qtz vein at 45° to C.A.							
		101.05 - 2 cm qtz vein at 50° to C.A.			40	101.0	102.5	1.5	12
		101.6 - 2 cm qtz vein at 60° to C.A.							
103.0	150.5	Mg Tholeiite Basalt - unaltered			41	111.5	113.0	1.5	60
		- dark green colour							
		- medium grained			42	117.0	118.0	1.0	117
		- chloritic							
		103.0 - 120.0 chlorite - calcite alteration							

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.

HOLE No. DB-85-6 Page 3 of 3

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AX'S	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
		- massive to pillowed texture							
		117.2 - 117.35 schistose, 20% coarse py, at 20° to C.A.							
		- decreasing chlorite downhole to 128.0 m where rock is fresh Mg. Tholeiite							
		145.0 - 150.5 carbonatized - calcite							
150.5	166.4	Mg Tholeiite Basalt - altered			24543	152.0	153.5	1.5	11
		- grey colour							
		- fine grained			44	158.0	159.0	1.0	7
		- pillowed			45	159.0	160.0	1.0	7
		- sericitic, carbonatized - calcite			46	160.0	161.0	1.0	8
		- selvage zones are chlorite rich			47	164.0	165.5	1.5	10
		159.3 - 8 cm qtz-tour-py vein at 50° to C.A.							
		- lower contact sharp at 50° to C.A.							
166.4	178.0	Mg Tholeiite - unaltered							
		- green to pale green colour							
		- fine to medium grained							
		- well pillowed							
		166.4 - 168.0 carbonatized - calcite							
		- rock is a fresh Mg. Tholeiite							
	178.0	End of Hole							

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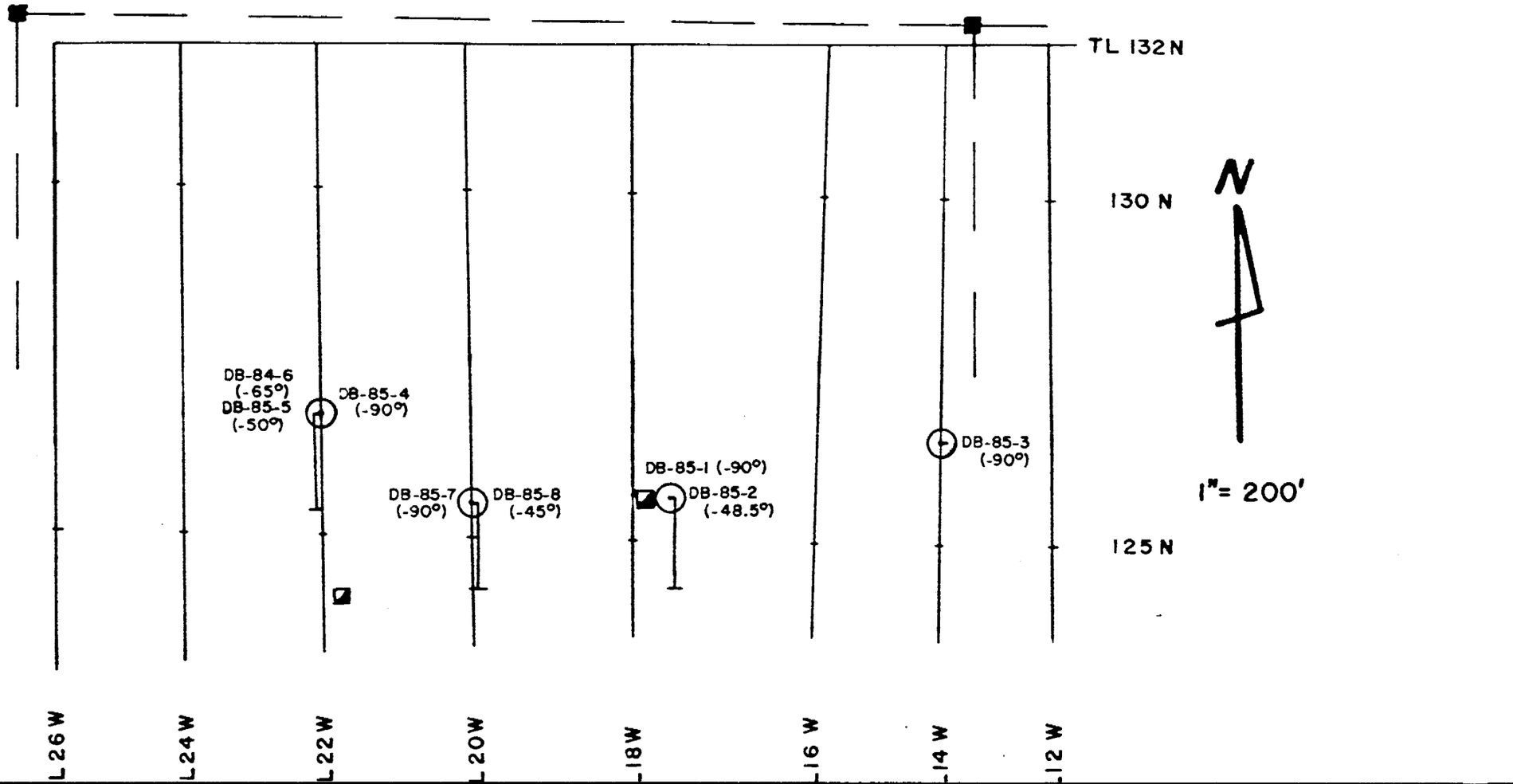
DIAMOND DRILL HOLE RECORD

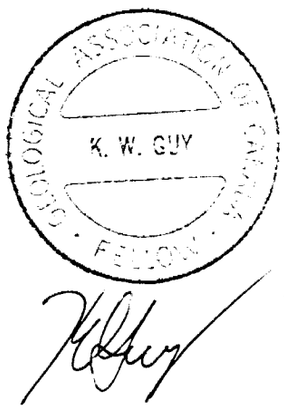
PROJECT **DAVIDSON TISDALE MINES LTD.**

HOLE No. DB-85-7

LOCATION		DIP TEST			LEVEL		HORIZONTAL COMPONENT		DATE STARTED	November 20/85
AREA or TWP.	TISDALE TWP.	FOOTAGE	ANGLE RECORDING	ANGLE CORRECTED			VERTICAL COMPONENT		DATE FINISHED	November 21/85
CLAIM No.	Patent 12886	collar		-90°	ELEVATION	Newmont Grid	BEARING		LOGGED BY	K. Guy
MTS	UTM				LATITUDE	L20W	LENGTH	208.0 m	PURPOSE	Test Armstrong-McGibbon
					DEPARTURE	125+50N	CORE LOCATION	DT Mine Site	TOT. RECOVERY	

DIAMOND DRILL HOLE LOCATION SKETCH





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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. DB-85-7 Page ___ of ___

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
0	2.1	Casing - overburden							
2.1	9.5	Mg Tholeiite Basalt - unaltered							
		- dark green colour							
		- medium grained							
		- massive							
		- chlorite - calcite alteration							
9.5	28.0	Mg Tholeiite Basalt - altered							
		- grey colour			24548	9.5	10.5	1.0	8
		- fine to medium grained							
		- massive			49	11.4	12.5	1.0	11
		- sericite, carbonatized - ferrodolomite							
		- occasional siderite seams			50	16.0	17.0	1.0	18
		11.6 - 12.2 siderite, weathered core			51	20.0	21.0	1.0	156
		16.25 - 1 cm qtz vein at 80° to C.A.			52	22.5	24.0	1.5	48
		16.7 - 3 cm qtz-tour vein at 40° to C.A.			53	24.0	25.0	1.0	38
		20.15 - 3 cm qtz=tour-py vein at 50° to C.A.			54	25.0	26.0	1.0	14
		20.65 - 2 cm qtz-tour vein at 80° to C.A.			55	26.0	27.5	1.5	60
		20.8 - 1 cm qtz-tour vein at 70° to C.A.							
		22.8 - 28.0 coarse grained qtz-plag-sericite-chlorite rock							
		22.8 - 26.0 disseminated py throughout to 15%							
		24.24, 24.4, 24.85 - 2 cm qtz veins at 60° to C.A.							
28.0	57.0	Mg Tholeiite Basalt - unaltered							
		- dark green colour							
		- medium to coarse grained			56	34.5	35.5	1.0	4
		- massive							
		- chlorite alteration			57	53.0	54.0	1.0	43
		28.0 - 33.0 chlorite - calcite							

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. DB-85-7 Page 2 of 6

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au	
		34.5 - 35.0 coarse grained sections with 5-10% disseminated py								
		53.8 - 7 cm qtz-tour vein								
		41.0 - 57.0 chlorite - calcite alteration								
57.0	62.7	Mg Tholeiite Basalt - altered								
		- grey colour			24558	58.0	59.0	1.0	86	
		- fine to medium grained			59	59.0	60.0	1.0	4	
		- massive texture			60	60.0	61.0	1.0	7	
		- sericitic, carbonatized - ferrodolomite			61	61.0	62.0	1.0		.382 oz/T
					62	62.0	62.7	34		
		58.65 - 2 cm qtz vein at 40° to C.A.								
		59.05 - 59.20 qtz vein								
		59.2 - 59.8 silicified, py								
		60.4 - 60.6 silicified, py								
		60.6 - 4 cm qtz vein at 60° to C.A.								
		60.8 - 61.1 silicified, py								
		61.85 - 62.0 qtz-tour vein								
		62.3 - 2 cm qtz vein at 80° to C.A.								
62.7	65.4	Quartz Vein System - moderate			63	62.7	63.5	0.8	11	
		62.7 - 5 cm qtz vein at 60° to C.A.			64	63.5	64.5	1.0	32	
		62.95 - 4 cm qtz vein at 30° to C.A.			65	64.5	65.4	0.9	6	
		63.5 - 2 cm qtz vein at 70° to C.A.								
		63.8 - 64.0 qtz vein								
		64.2 - 65.4 qtz-tour vein, occasional fragments of assimilated host								
		- host rock is sericitic, carbonatized - ferrodolomite, siliceous with occasional py								

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. DB-85-7 Page 3 of 6

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
65.4	81.2	Mg Tholeiite Basalt - altered			24566	65.4	66.5	0.9	10
		- grey colour			67	66.5	68.0	1.5	11
		- fine grained			68	68.0	69.0	1.0	12
		- massive texture			69	69.0	70.0	1.0	15
		- sericitic, carbonatized - ferrodolomite			70	70.0	71.0	1.5	15
					71	71.0	72.5	1.5	15
		65.7 - 1 cm qtz vein			72	75.0	76.5	1.5	10
		66.1 - 1 cm qtz vein at 50° to C.A.							
		67.1 - 2 cm qtz vein at 80° to C.A.			73	76.5	77.5	1.0	158
		68.56 - 68.75 qtz vein, py			74	77.5	78.5	1.0	207
		69.75 - 2 cm qtz vein at 75° to C.A., po			75	78.5	80.0	1.5	12
		71.0 - 71.05 qtz-siderite			76	80.0	81.5	1.5	21
		76.56 - 76.64 qtz vein at 80° to C.A.							
		77.43 - 3 cm qtz vein at 80° to C.A.							
		77.0 - 78.8 many qtz veinlets less than 1 cm at 60-80° to C.A.							
		79.75 - 6 cm qtz vein							
		80.2 -80.7 silicified, contacts at 70° to C.A.							
81.2	123.0	Mg Tholeiite Basalt - unaltered							
		- dark green colour			77	107.0	108.5	1.5	29
		- medium grained							
		- massive texture							
		- chlorite alteration							
		81.2 - 86.0 chlorite - calcite alteration							
		111.5 - 123.0 chlorite - calcite alteration							

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. DB-85-7 Page 4 of 6

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
123.0	156.0	Mg Tholeiite Basalt - altered			24578	123.0	124.4	1.4	56
		- grey colour			79	124.4	125.0	0.6	37
		- fine to medium grained			80	125.0	125.6	0.6	18
		- massive			81	125.6	126.5	0.9	37
		- sericitic, carbonatized - ferrodolomite			82	126.5	128.0	1.5	11
					83	128.0	129.5	1.5	10
		124.4 - 125.6 Quartz Vein							
		- tour, py, siderite			84	132.5	134.0	1.5	8
		- many fragments of assimilated host			85	135.5	136.5	1.0	18
		125.6 - 126.3 silicified, py to 10%			86	136.5	137.5	1.0	8
		127.9 - 3 cm qtz-tour vein at 70° to C.A.							
					87	140.0	141.0	1.0	19
		132.7 - 1 cm qtz vein at 60° to C.A.			88	141.0	142.0	1.0	48
		133.5 - 3 cm qtz vein at 60° to C.A.			89	142.0	143.0	1.0	21
		135.5 - 2 cm qtz vein at 70° to C.A.							
		136.5 - 136.75 qtz-tour vein			90	145.0	146.0	1.0	310
		137.45 - 3 cm qtz vein at 70° to C.A.							
		140.1 - 2 cm qtz vein at 70° to C.A.			91	148.5	149.5	1.0	22
		140.85 - 3 cm qta vein at 70° to C.A.							
		141.4 - 142.2 silicified, py to 10%			92	150.5	151.5	1.0	11
		142.2 - 142.4 qtz-tour vein							
		145.05 - 145.2 qtz vein at 60° to C.A.							
		145.7 - 2 cm qtz vein at 60° to C.A.							
		145.7 - 155.0 flow breccia, matrix is black chlorite rich, fragments are sericitic, ferrodolomite							
		156.0 lower contact is broken but very sharp with qtz-calcite vein, at 70-80° to C.A.							
		151.0 - 8 cm qtz-tour vein, py							

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. DB-85-7 Page 5 of 6

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
156.0	163.1	Mg Tholeiite Basalt - unaltered							
		- green colour							
		- medium grained							
		- pillowed, amygdaloidal							
		- carbonatized - calcite							
163.1	166.3	Mg Tholeiite Basalt - altered			24593	163.0	164.5	1.5	7
		- grey colour			94	164.5	166.0	1.5	33
		- fine grained							
		- pillowed							
		- sericitic, carbonatized - calcite							
		164.5 - 1 cm qtz vein at 60° to C.A.							
		164.6 - 4 cm qtz vein at 75° to C.A.							
		164.95 - 2 cm qtz vein at 45° to C.A.							
166.3	186.5	Mg Tholeiite Basalt - unaltered							
		- green colour							
		- fine to medium grained							
		- pillowed, amygdaloidal							
		- selvage zones are calcite rich							
186.5	194.0	Mg Tholeiite Basalt - altered							
		- grey colour			95	189.5	191.0	1.5	11
		- fine to medium grained							
		- pillowed							
		- sericitic, carbonatized - calcite			96	192.5	194.0	1.5	15
		- selvage zones are chlorite rich with occasional po, py							

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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. DB-85-7 Page 6 of 6

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
194.0	208.0	Mg Tholeiite Basalt - unaltered							
		- green to pale green colour							
		- fine to medium grained							
		- pillowed, amygdaloidal							
		- fresh Mg Tholeiite							
	208.0	End of Hole							

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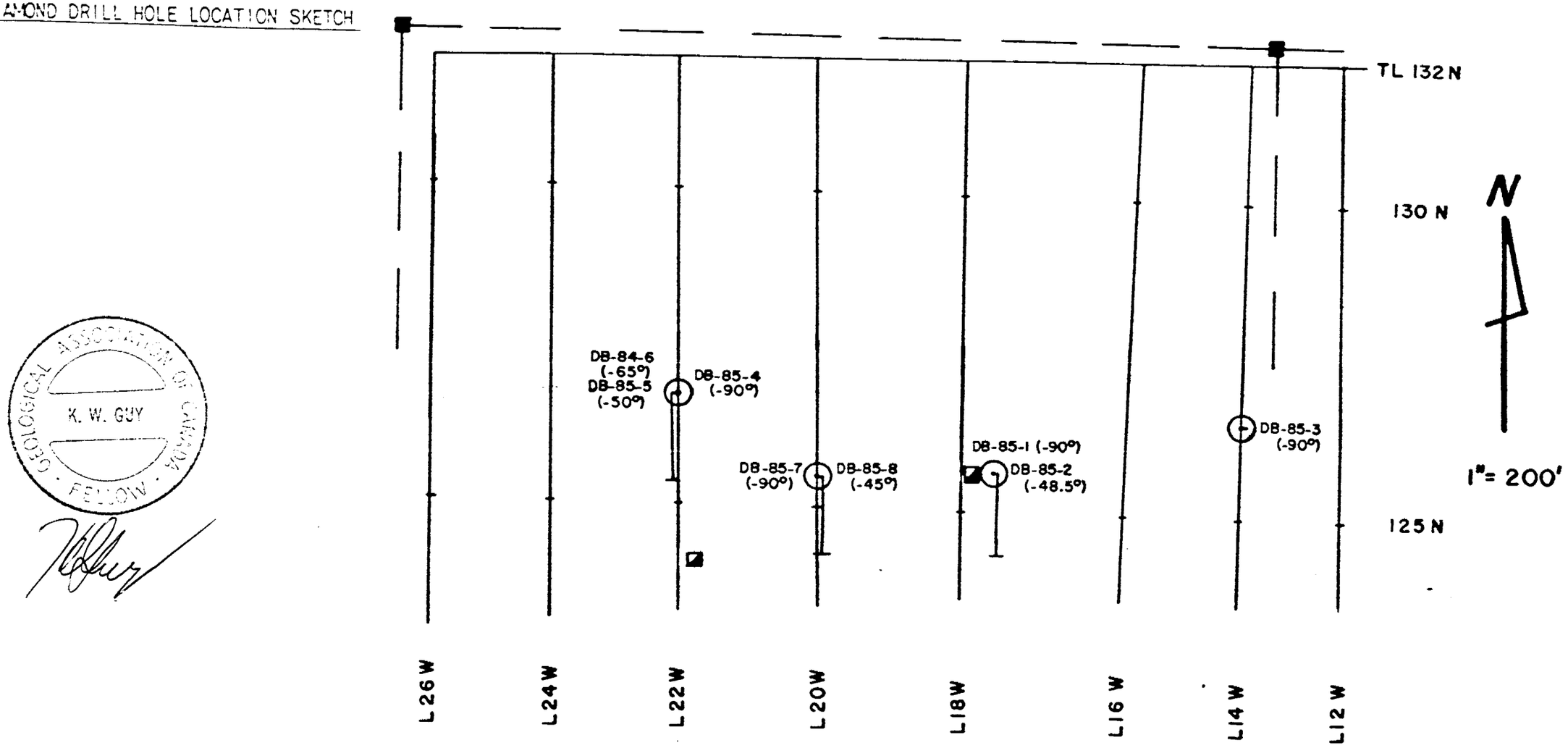
DIAMOND DRILL HOLE RECORD

PROJECT **DAVIDSON TISDALE MINES LTD.**
HOLE No. DB-85-8

LOCATION		DIP TEST			LEVEL		HORIZONTAL COMPONENT		DATE STARTED	November 22/85
AREA or TWP.	TISDALE	FOOTAGE	ANGLE RECORDING	ANGLE CORRECTED			VERTICAL COMPONENT		DATE FINISHED	November 24/85
CLAIM No.	Patent 12886	collar		-45°	ELEVATION	Newmont Grid	BEARING	az 180°	LOGGED BY	K. Guy
		173 m		-42°	LATITUDE	L20W	LENGTH	173.0 m	PURPOSE	Test Au Zone
NTS	UTM				DEPARTURE	125+50N	CORE LOCATION	DT Mine Site	TOT. RECOVERY	

DIAMOND DRILL HOLE LOCATION SKETCH



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DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. DB-85-8 Page 1 of 4

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
0	3.4	Casing - overburden							
3.4	7.0	Mg Tholeiite Basalt - unaltered							
		- green colour							
		- fine to medium grained							
		- massive							
		- chlorite - calcite alteration							
		3.4 - 5.4 weathered, porous core							
7.0	23.7	Mg Tholeiite Basalt - altered							
		- grey colour			24597	7.0	8.0	1.0	8
		- fine to medium grained							
		- massive			598	9.4	10.5	1.1	14
		- sericitic, carbonatized - ferrodolomite			599	10.5	11.5	1.0	52
		- occasional qtz veins			600	11.5	12.5	1.0	.173 oz/T
		- occasional siderite sections			601	12.5	14.0	1.5	58
					602	14.0	15.0	1.0	33
		7.5 - 7.7 siderite			03	15.5	17.0	1.5	15
		9.4 - 11.1 siderite, water seam, qtz			04	17.0	18.0	1.0	7
		11.85 - 3 cm qtz vein at 30° to C.A.							
		12.3 - 12.4 silicified, py			05	18.5	20.0	1.5	11
		12.5 - 2 cm qtz vein at 10° to C.A.							
		14.1 - 14.5 10% disseminated py			06	21.5	23.0	1.5	12
		15.6 - 16.2 10% disseminated py			07	23.0	24.0	1.0	47
		15.75 - 2 cm qtz vein at 70° to C.A.							
		16.0 - 1 cm qtz vein							
		16.3 - 16.55 qtz-siderite vein							
		17.1 - 2 cm qtz-tour vein at 10° to C.A.							
		21.5 - 21.7 siderite							

Kenneth Guy
EXPLORATION SERVICES

DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. DD-85-8 Page 2 of 4

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au	
23.7	56.0	Mg Tholeiite Basalt - unaltered								
		- dark green to green colour			24608	54.5	56.0	1.5	25	
		- medium grained								
		- pillowed, flow breccia								
		- chlorite alteration								
		23.7 - 34.0 flow breccia - 40° to C.A.								
		44.0 - 56.0 chlorite - calcite alteration								
56.0	65.5	Mg Tholeiite Basalt - altered			09	58.5	59.5	1.0	171	
		- grey to buff colour			10	59.5	60.5	1.0	48	
		- fine grained			11	60.5	62.0	1.5	12	
		- massive								
		- sericitic, carbonatized - ferrodolomite			12	63.5	64.5	1.0	23	
		- qtz vein, silicified sections with py			13	64.5	65.5	1.0	118	
		58.5 - 59.25 siderite - qtz								
		59.25 - 60.5 silicified								
		60.2 - 3 cm qtz vein at 30° to C.A.								
		64.3 - 64.45 siderite seams								
		65.0 - 65.5 silicified, py								
65.5	68.1	Quartz Vein System - moderate		VG	14	65.5	66.0	0.5	1.78 1.85 gms	.629 gms
		65.5 - 66.5 qtz-tour-py vein, assimilated			15	66.0	67.0	1.0	14	2.6m
		host with py on contacts			16	67.0	67.6	0.6	11	
		65.9 V.G. 2 small flecks on contact of assimilated host		VG	17	67.6	68.1	0.5	1.44 1.37 gms	
		67.8 - 68.7 qtz-tour-py vein								
		68.05 V.G. 1 small fleck in vein								

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EXPLORATION SERVICES

DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. DB-85-8 Page 3 of 4

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
68.1	75.9	Mg Tholeiite Basalt - altered			24618	68.1	69.0	0.9	60
		- grey to buff colour			19	69.0	70.0	1.0	10
		- fine grained							
		- massive							
		- sericitic, carbonatized - ferrodolomite			20	72.5	74.0	1.5	6
		68.1 - 69.0 silicifed, py							
		71.5 - 74.0 flow breccia, chlorite matrix							
		73.0 - 73.1 siderite							
		73.0 - 75.9 calcite							
75.9	87.0	Mg Tholeiite Basalt - unaltered							
		- green colour							
		- medium grained							
		- pillowed							
		- chlorite - calcite alteration							
87.0	107.0	Mg Tholeiite Basalt - altered			21	87.0	88.0	1.0	58
		- grey colour							
		- fine grained			22	95.0	96.0	1.0	22
		- massive to pillowed			23	96.0	97.0	1.0	7
		- sericitic, carbonatized - calcite							
		- many silicified sections			24	101.5	102.5	1.0	21
		- calcite veinlets throughout at random orientations			25	102.5	104.0	1.5	14
					26	104.0	105.0	1.0	8
		87.4 - 87.5 siderite							
		95.1 - 95.4 silicified							
		96.3 - 96.6 siderite, qtz							
		101.6 - 102.1 silicified, py							
		102.9 - 103.2 silicified							
		104.4 - 8 cm qtz vein							

Kenneth Guy
EXPLORATION SERVICES

DIAMOND DRILL HOLE LOG

PROJECT DAVIDSON TISDALE MINES LTD.
HOLE No. DB-85-8 Page 4 of 4

Metres FROM	Metres TO	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	CORE ANGLES TO AXIS	% SULPHIDES	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	Analytical Result: ppb Au
107.0	173.0	Mg Tholeiite Basalt - unaltered							
		- pale green colour							
		- fine to medium grained							
		- pillowed							
					24627	167.8	168.8	1.0	4
		107.0 - 109.0 carbonatized - calcite							
		- amygdaloidal sections - calcite filled							
		- selvage zones are black chlorite, calcite rich							
		with tr po, py							
		147.0 - 157.0 carbonatized - calcite							
		163.0 - 173.0 massive, homogenous, coarse grained							
		168.0 - 168.6 qtz-axinite-interflow material							
	173.0	End of Hole							

DAVIDSON TISDALE MINES LTD.

DIAMOND DRILL HOLE SUMMARY

Hole Number	Property	Location	Dip	Bearing	Length(m)	Target	RESULTS		
							Alteration Zones	Quartz Vein Systems	Assays
BR-85-1	Broulan Patent Claim 12887	DT Mine Grid 10072N 9875E	-83°	az 112°	586.5 m	DT Zone At depth	21.4-49.1 134.5-156.0 232.0-244.0 355.0-399.0 415.5-423.0 450.5-467.0	 454.6-458.5 Strong	No Significant Values
BR-85-2	Broulan Patent Claim 12887	DT Mine Grid 10046N 9964E	-85°	az 090°	465.0 m	DT Zone At depth	21.0-56.3 98.0-191.0 286.0-357.6 365.7-377.0 394.0-398.3 422.5-432.5	None	No Significant Values
BR-85-3	Broulan Patent Claim 12887	DT Mine Grid 9,916E 10,118N	-85°	az 090°	650.0	DT Zone At depth	64.0-75.5 91.5-164.0 179.0-275.0 307.0-349.0 425.0-459.0 468.5-489.0 500.0-539.0	 103.7-109.7 436.5-437.9	 698 ppb/0.9 m
BR-85-4	Broulan Patent Claim 12887	DT Mine Grid 10,040N 9,775E	-87.5°	az 090°	535.6	DT Zone At depth	20.0-53.5 98.8-134.0 301.0-374.0 402.0-415.8 462.0-491.5	 478.2-482.3 Weak	688 ppb/1.5 m .247 oz/T/1.5 m 468.5-470.0 .061 oz/T

DAVIDSON TISDALE MINES LTD.

DIAMOND DRILL HOLE SUMMARY
Page 2

Hole Number	Property	Location	Dip	Bearing	Length(m)	Target	RESULTS		
							Alteration Zones	Quartz Vein Systems	Assays
DG-85-1	Gonzales Option	DT Mine Grid 9450N 10450E	-90°		230.0 m	Extension of S-Zone	208.0-213.5	None	No Significant Values
DA-85-1	Allerston Option	DT Mine Grid 9600N 9150E	-90°		284.0	Extension of S-Zone	None	None	No Significant Values

DAVIDSON TISDALE MINES LTD.

DIAMOND DRILL HOLE SUMMARY

Hole Number	Property	Location	Dip	Bearing	Length(m)	Target	RESULTS Alteration Zones	RESULTS Quartz Vein Systems	RESULTS Assays
DB-85-1	Broulan Armstrong-McGibbon	Newmont Grid 17+10W 125+100N	-90°		254.0	Test Surface Showing	10.0-29.3 73.8-81.0 117.0-128.0 148.0-160.1	121.5-122.9 Strong 150.2-158.3 Moderate	No Significant Values
DB-85-2	Broulan Armstrong-McGibbon	Newmont Grid 17+10W 125+100N	-48.5°	az 180°	56.0 m	Test Surface Showing	10.0-27.0	16.0-21.5	No Significant Values
DB-85-2 ext	Broulan Armstrong-McGibbon	Newmont Grid 17+10W 125+100N	-48.5°	az 180°	179.0	Test Au Zone	69.5-127.0	75.2-78.9 78.55 VG	.203 oz/T/.5 m
DB-85-3	Broulan Armstrong-McGibbon	Newmont Grid L14W 126+50N	-90°		131.0	Test Extension Of Armstrong-McGibbon	None	None	No Significant Values
DB-85-4	Broulan Armstrong-McGibbon	Newmont Grid L22W 126+75N	-90°		203.0	Test Surface Showing	18.8-23.9 35.0-37.5 101.0-108.5 159.3-182.6	---------- 104.15-105.2 VG	.084 oz/T/1.0 m 1.65, .332 .991 oz/T 1.0 m

DAVIDSON TISDALE MINES LTD.

DIAMOND DRILL HOLE SUMMARY

Hole Number	Property	Location	Dip	Bearing	Length(m)	Target	RESULTS Alteration Zones	RESULTS Quartz Vein Systems	RESULTS Assays
DB-85-5	Broulan Armstrong-McGibbon	Newmont Grid L22W 126+75N	-50°		217.0	Test Surface Showing	21.0-44.0 79.7-107.0 145.0-170.0		No Significant Values
DB-85-6	Broulan Armstrong-McGibbon	Newmont Grid L22W 126+75N	-65°		178.0 m	Test Surface Showing	20.5-37.0 80.0-103.0 150.5-166.4		No Significant Values
DB-85-7	Broulan Armstrong-McGibbon	Newmont Grid L20W 125+50N	-90°		208.0	Test Surface Showing	9.5-28.0 57.0-81.2 123.0-156.0 163.1-166.3 186.5-194.0	62.7-65.4 124.4-125.6	61.0-62.0 .382 oz/T
DB-85-8	Broulan Armstrong-McGibbon	Newmont Grid L20W 125+50N	-45°	az 180°	173.0	Test Surface Showing	7.0-23.7 56.0-75.9 87.0-107.0	65.5-68.1 (VG)	11.5-12.5 .173 oz/T --------.629 gms/2.6 m

63.4737

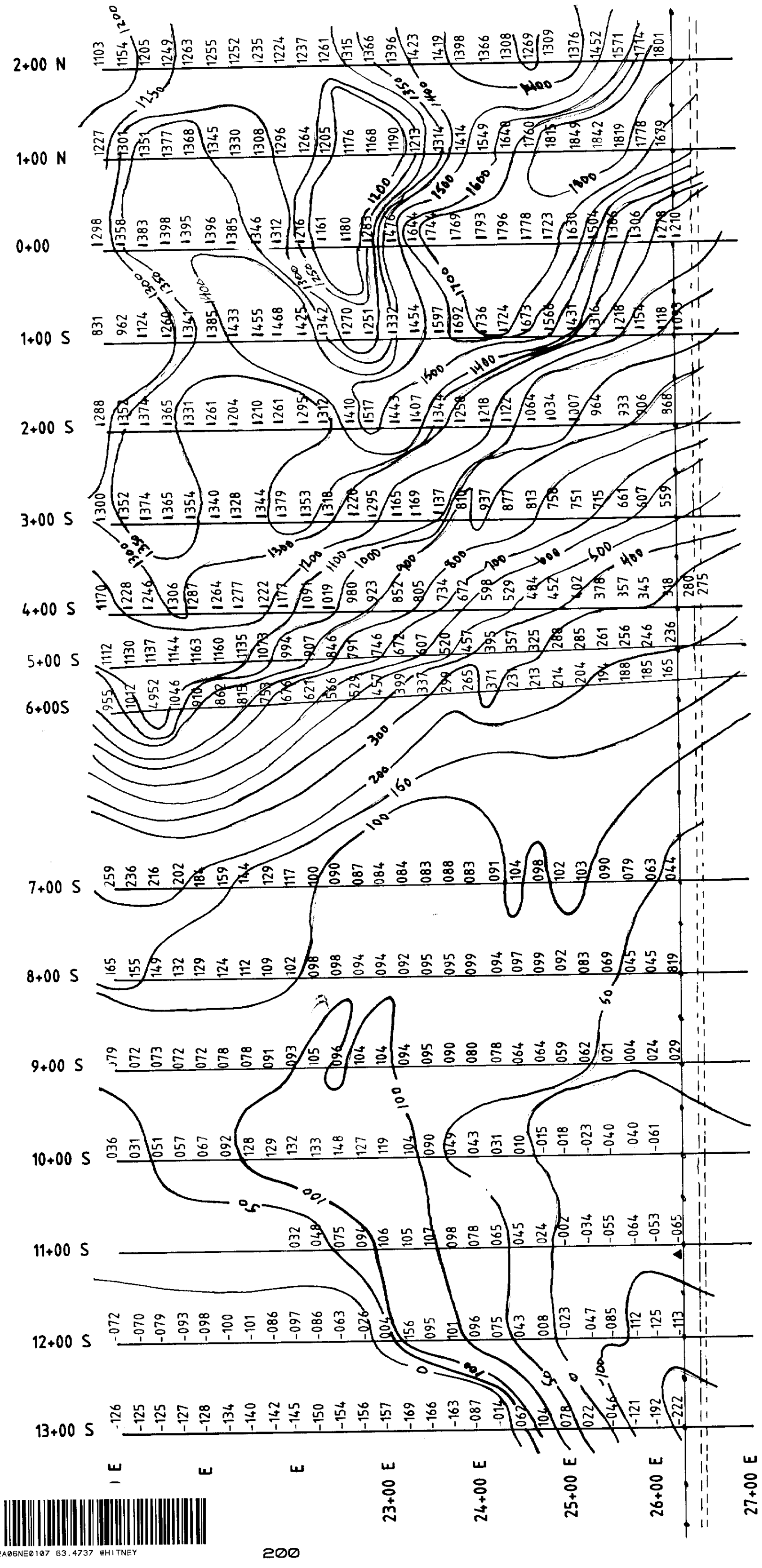
OM85-152

WABI GOON RESOURCES INC.

HUNTER PROPERTY (East)

(Plan Two)

Magnetic Survey



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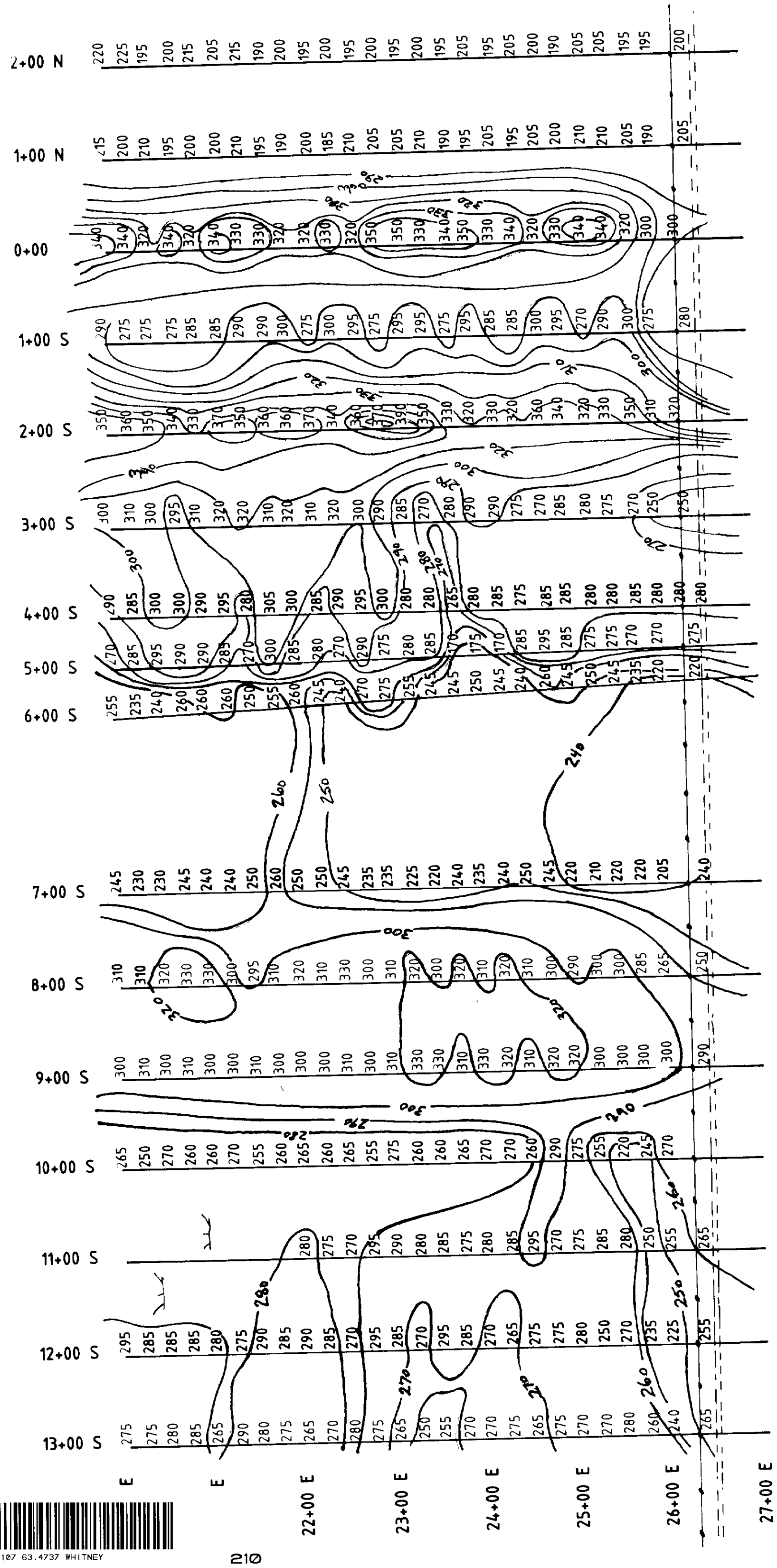
WABIGOON RESOURCES INC.

HUNTER PROPERTY (East)

(Plan Two)

N

ULF Field Strength



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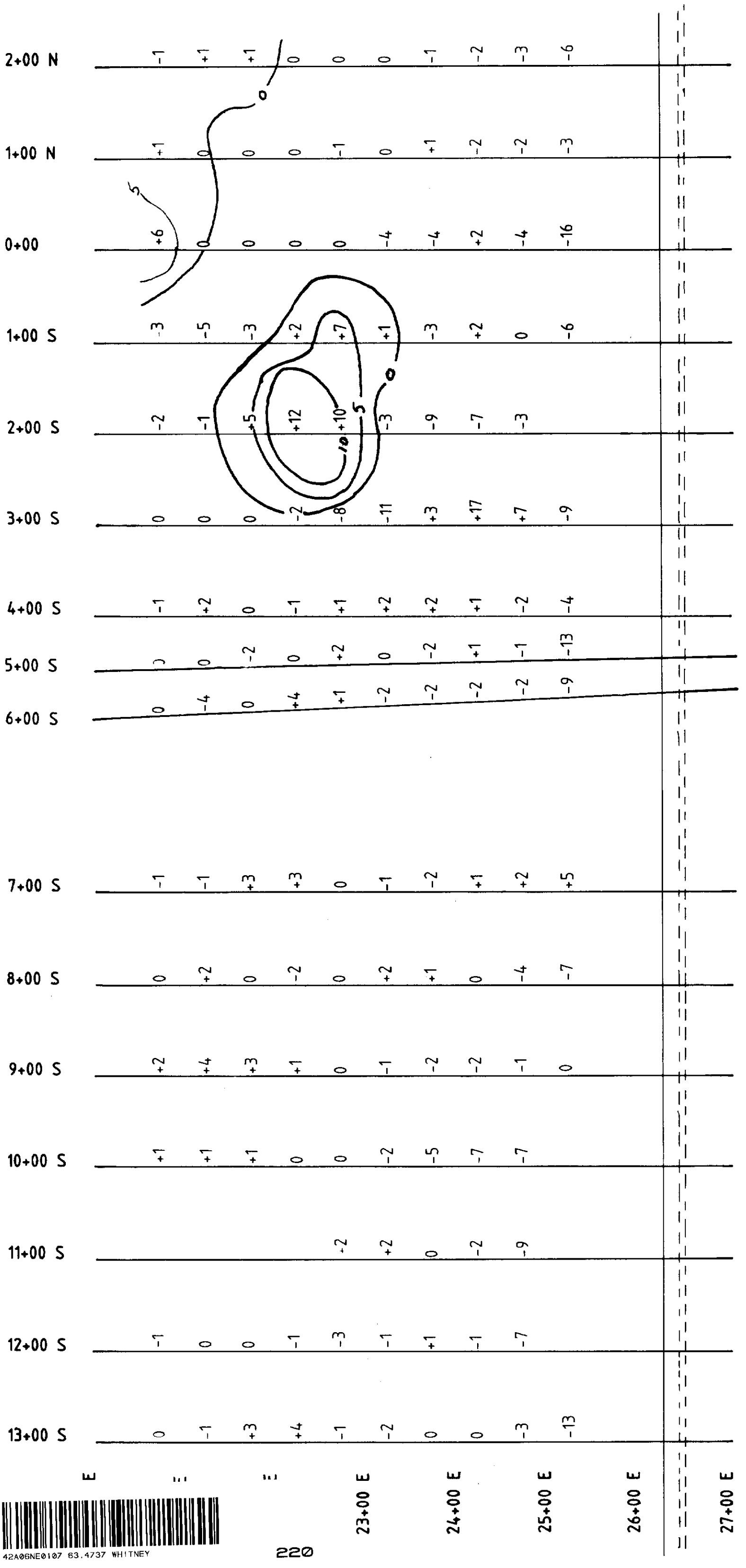
IWABIGOON RESOURCES INC.

HUNTER PROPERTY (East)

(Plan Two)

Fraser Filter Survey



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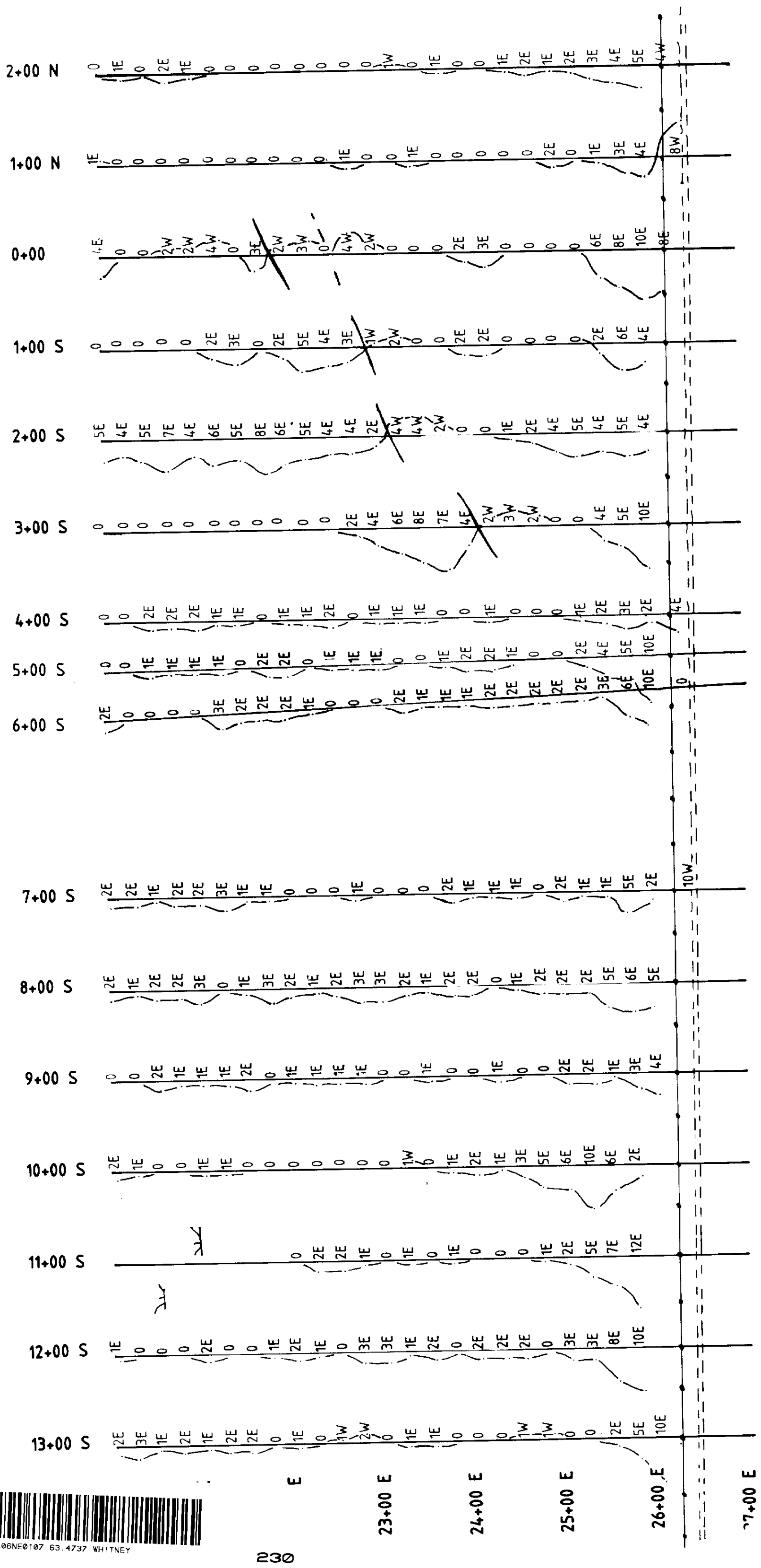
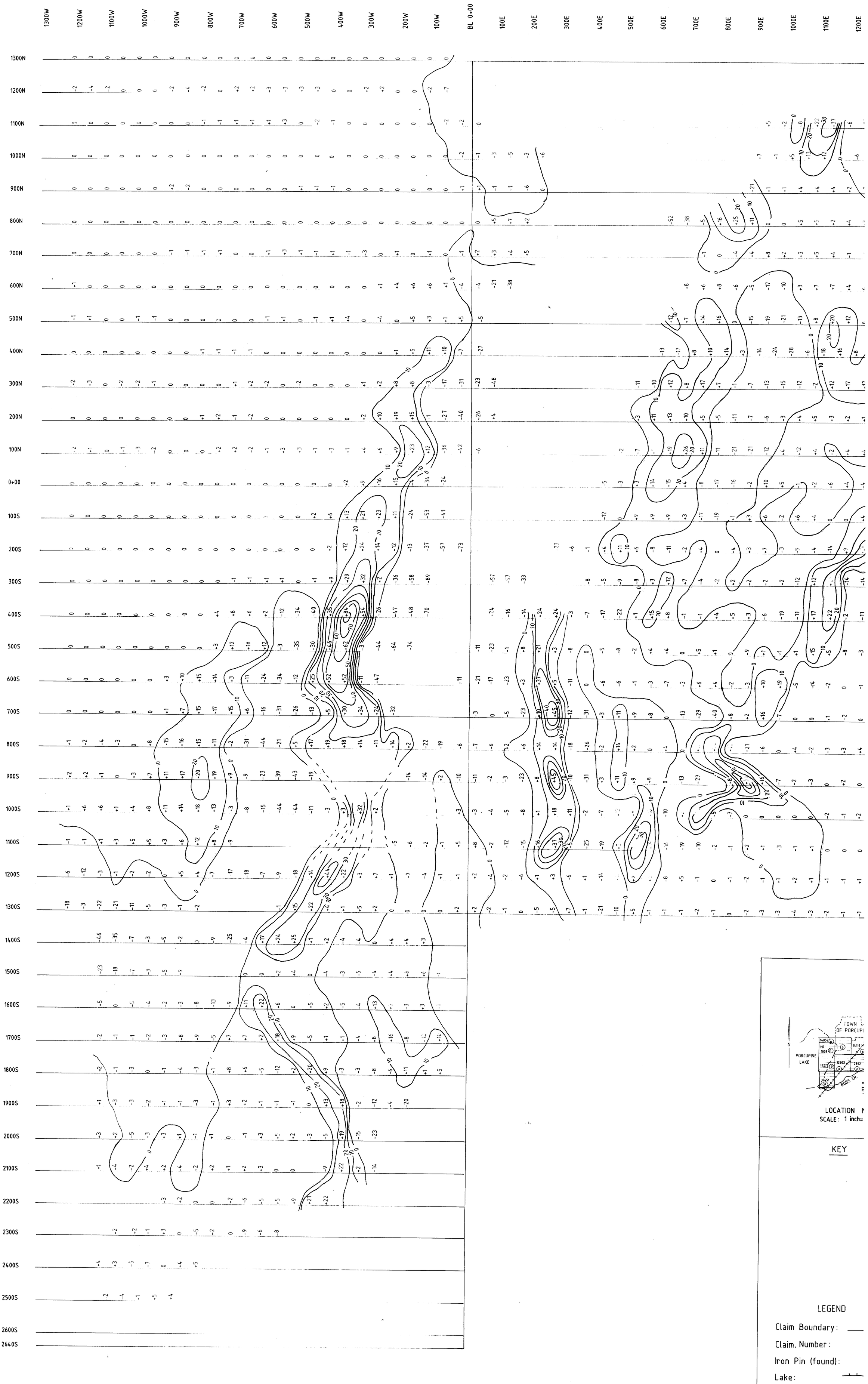
WABIGOON RESOURCES INC.

HUNTER PROPERTY (East)

(Plan Two)

VLF Dip Angle





LOCATION M
SCALE: 1 inch=

KEY

LEGEND

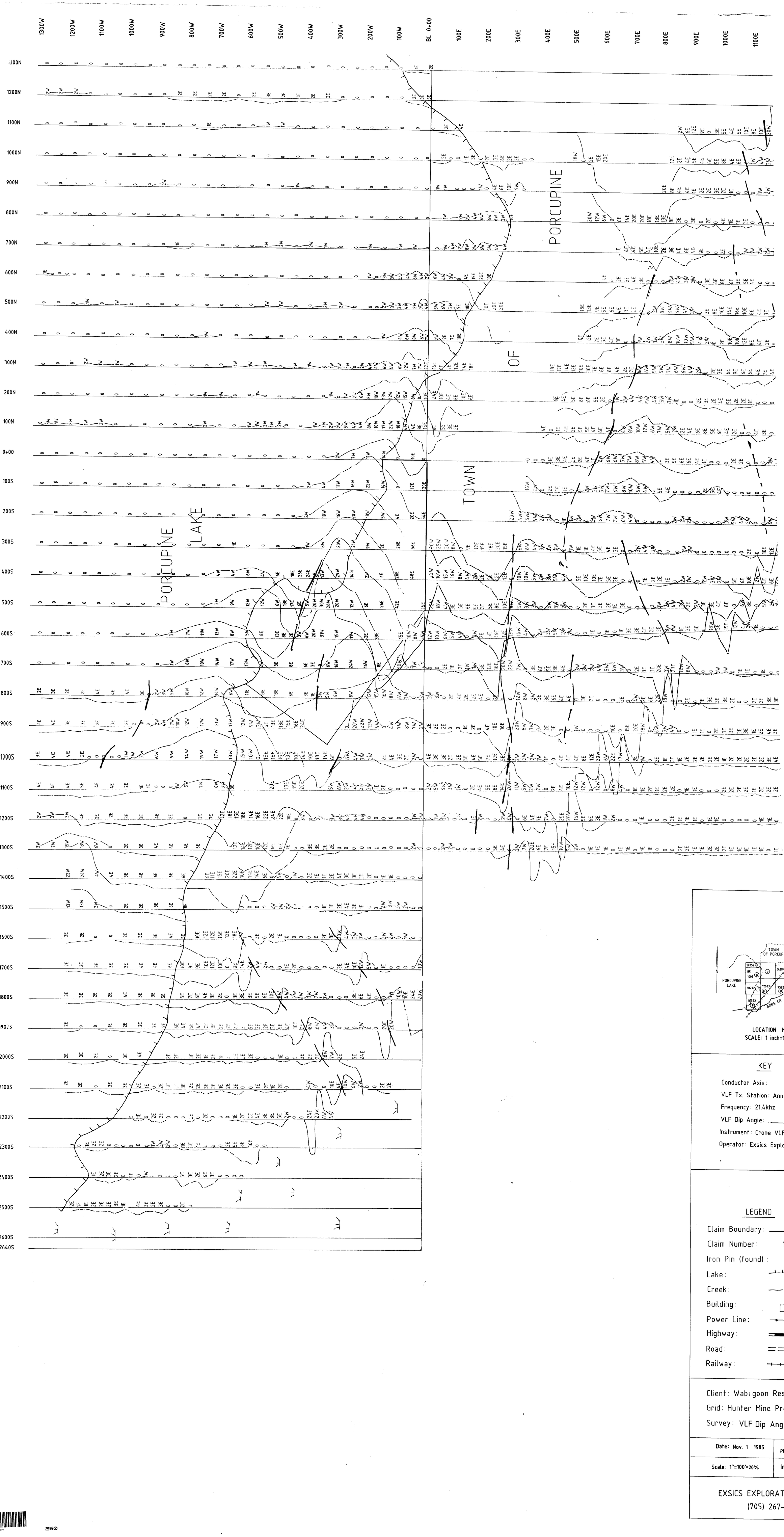
Claim Boundary:
Claim. Number:
Iron Pin (found):
Lake:
Creek:
Building:
Power Line:
Highway:
Road
Railway:

Client: Wabagoon Reso
Grid: Hunter Mine Proj
Survey:

Date: Plot

Scale: 1"=100' Inte

EXSICS EXPLORAION
(705) 267-415



LOCATION M
SCALE: 1 inch=1/

KEY

Conductor Axis:

VLF Tx. Station: Anna;

Frequency: 21.4khz

VLF Dip Angle: .____.

Instrument: Crone VLF

Operator: Exsics Explor.

LEGEND

Claim Boundary: ____

Claim Number: 10(

Iron Pin (found):

Lake:

Creek:

Building:

Power Line:

Highway:

Road:

Railway:

Client: Wabigoon Resou

Grid: Hunter Mine Prope

Survey: VLF Dip Angle

Date: Nov. 1 1985	Plottin
Scale: 1"=100'=20%	Interp

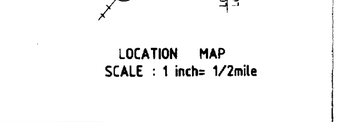
EXSICS EXPLORATION
(705) 267-415

1300W 1200W 1100W 1000W 900W 800W 700W 600W 500W 400W 300W 200W 100W BL 0+00 100E 200E 300E 400E 500E 600E 700E 800E 900E 1000E 1100E 1200E 1300E

1300N 1200N 1100N 1000N 900N 800N 700N 600N 500N 400N 300N 200N 100N 0+00 100S 200S 300S 400S 500S 600S 700S 800S 900S 1000S 1100S 1200S 1300S 1400S 1500S 1600S 1700S 1800S 1900S 2000S 2100S 2200S 2300S 2400S 2500S 2600S 2640S

HOUSES

HOUSE



LOCATION MAP
SCALE : 1 inch= 1/2mile

KEY

Conductor Axis:

VLF Tx. Station: Annapolis Maryland

Frequency: 21.4khz.

VLF Field Strength: ____ 240 ____

Instrument: Crone VLF Radem Unit

Operator: EXSICS EXPLORATION Ltd

LEGEND

Claim Boundary: ____ ____

Claim Number: 1009

Iron Pin (found): •IP

Lake:

Creek:

Building:

Power Line:

Highway:

Road:

Railway:

Client: Wabagoon Resources Inc

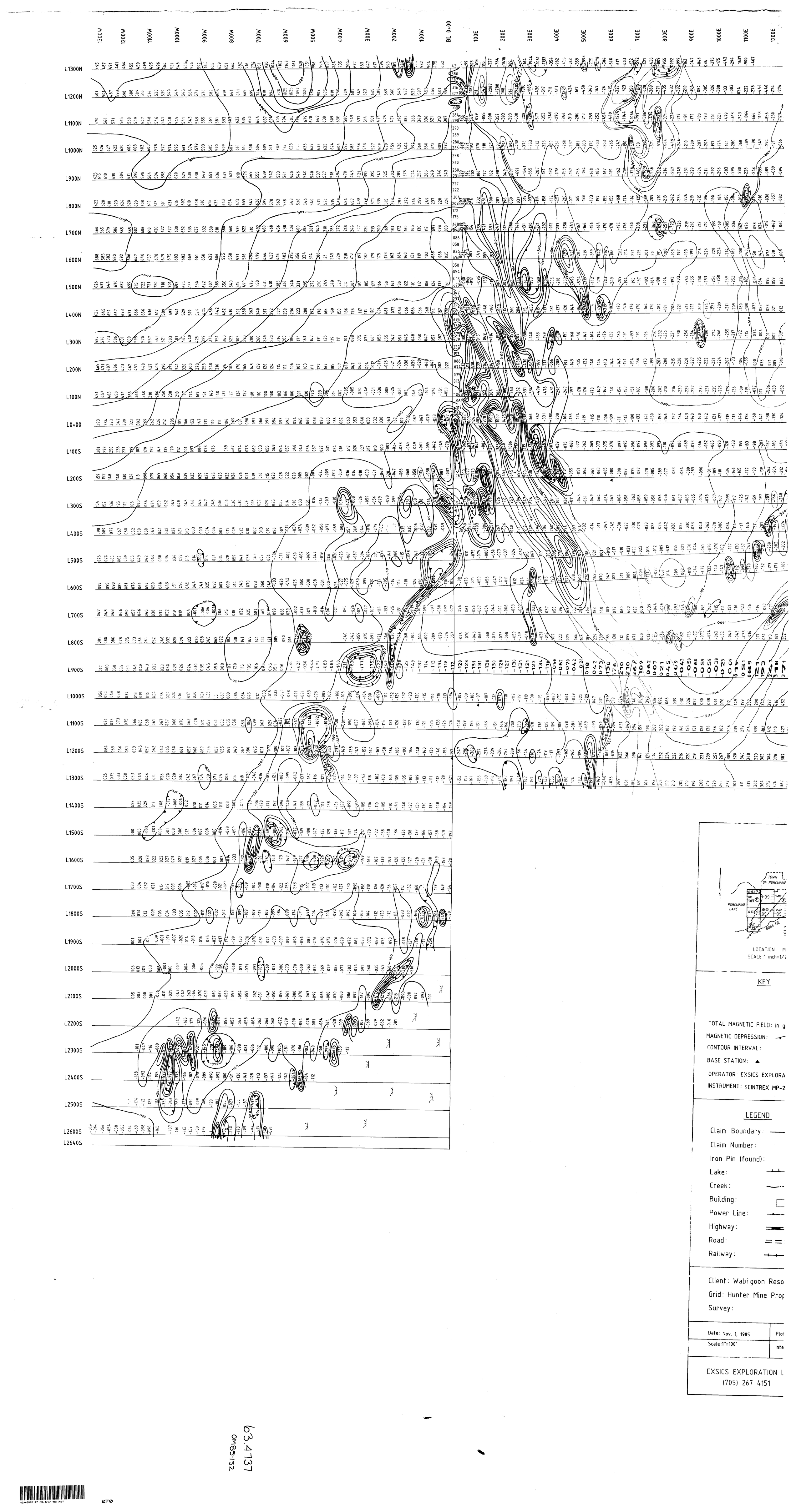
Grid: Hunter Mine Property

Survey:

Date: Plotting: P. Noël

Scale: 1"=100' Interpretation: J.Gr

EXSICS EXPLORATIN LTD
(705) 267-4151



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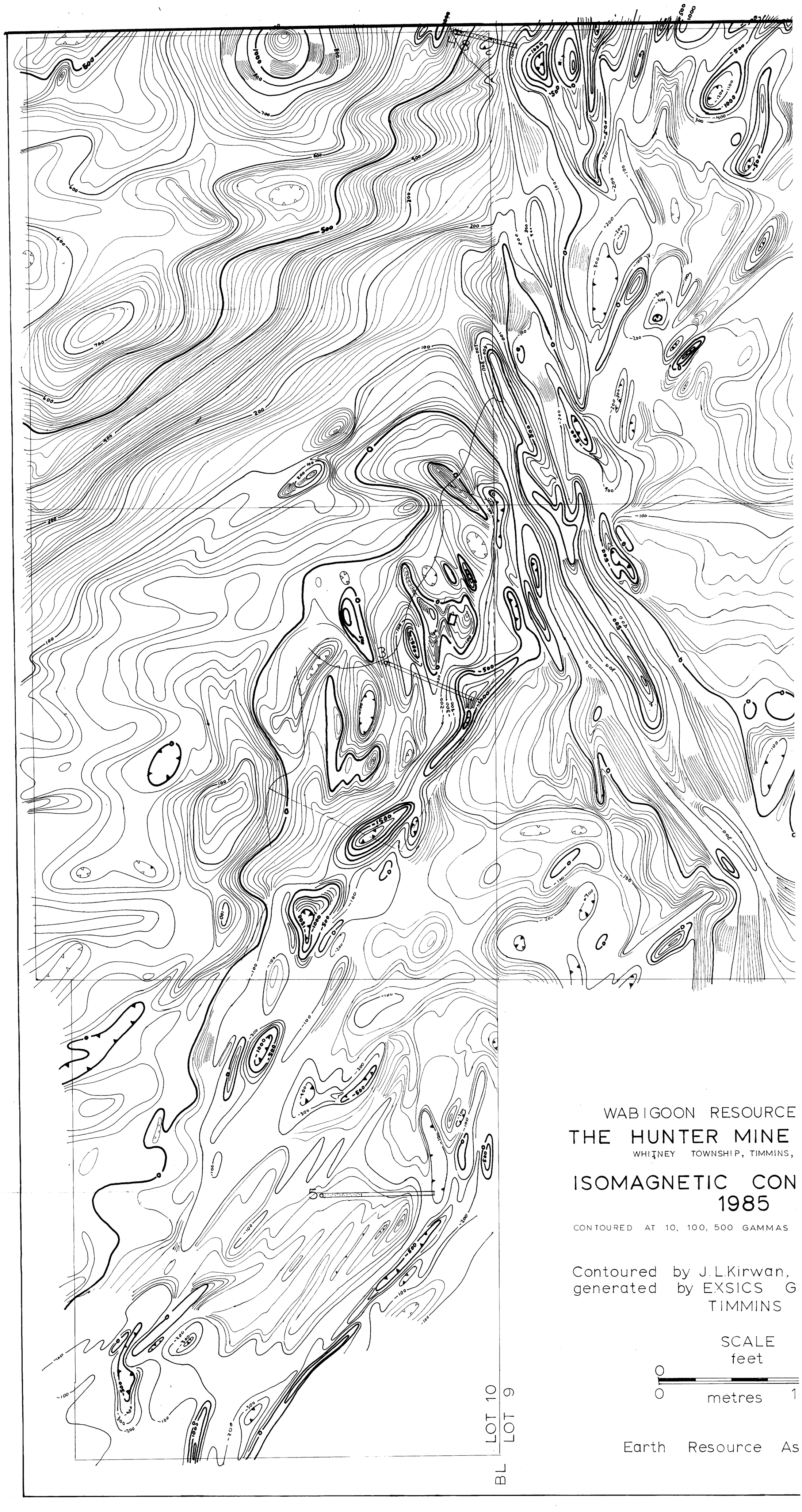
OM85-52



WABIGOON RESOURCE

THE HUNTER MINE

WHITNEY TOWNSHIP, TIMMINS,

ISOMAGNETIC CON 1985

CONTOURED AT 10, 100, 500 GAMMAS

Contoured by J.L.Kirwan,
generated by EXSICS G
TIMMINS

SCALE
feet
0
0 metres 1

Earth Resource As

63.4737

WABIGOON RESOURCES LIMITED

THE HUNTER MINE

WHITNEY TOWNSHIP, TIMMINS, ONTARIO

1985-1986 DIAMOND DRILLING AND GEOLOGY

SCALE

0 feet 200

Earth Resource Associates, 1985-86

PORCUPINE LAKE

HR 1009

10272

14052

BL

H7 AZ ST MS

H2 AZ TS MS ST MS AZ MS

H3 AZ TS MS ST MS AZ MS

H4 AZ TS MS ST MS

H6 AZ QFP 5000W AZ TS

H1

H5

CON III

LOT 10

LOT 9

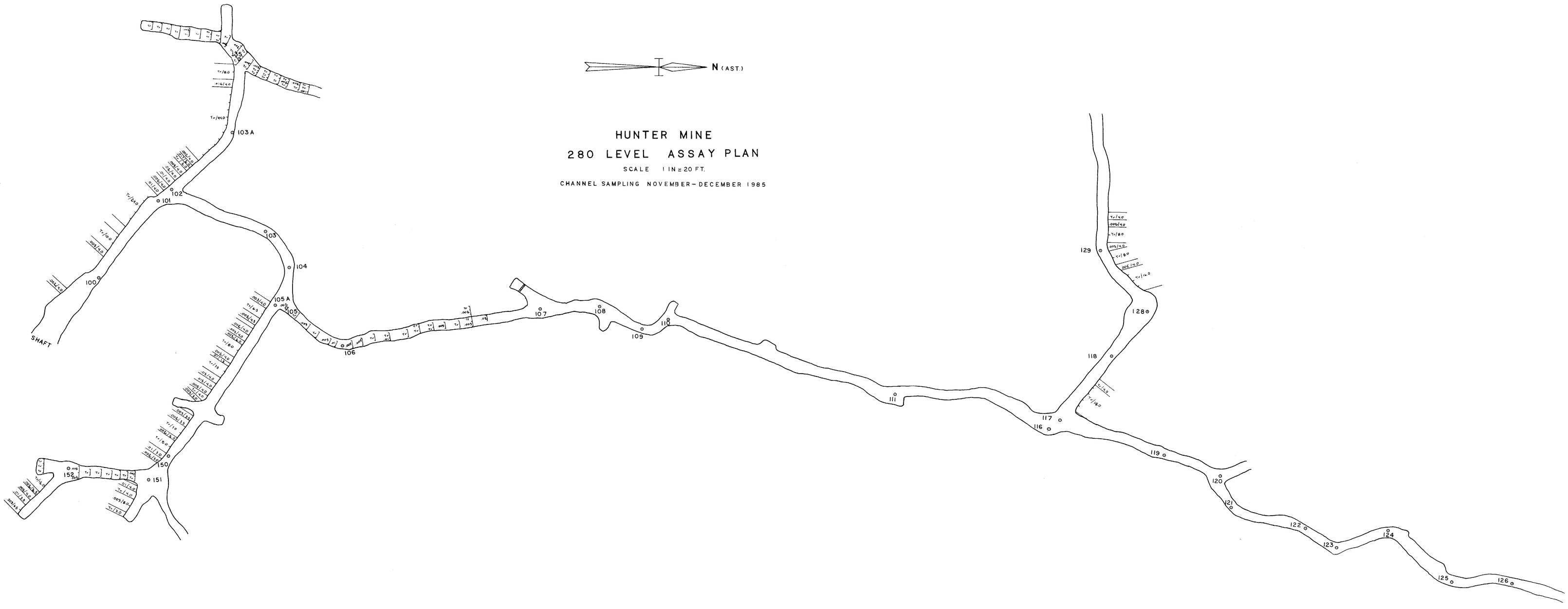
10000N

SYMBOLS:

AZ –Alteration Zone
TS –Talc Schist
ST –Steatite
MS –Metasediments
QFP –Quartz Feldspar Porphyry
–Quartz-bearing Zone

GEOLOGY, DRILLING, '85-6

290



HUNTER MINE
280 LEVEL ASSAY PLAN

SCALE 1 IN = 20 FT.

CHANNEL SAMPLING NOVEMBER–DECEMBER 1985

634737
OM85-152

280 LEVEL ASSAY PLAN

300

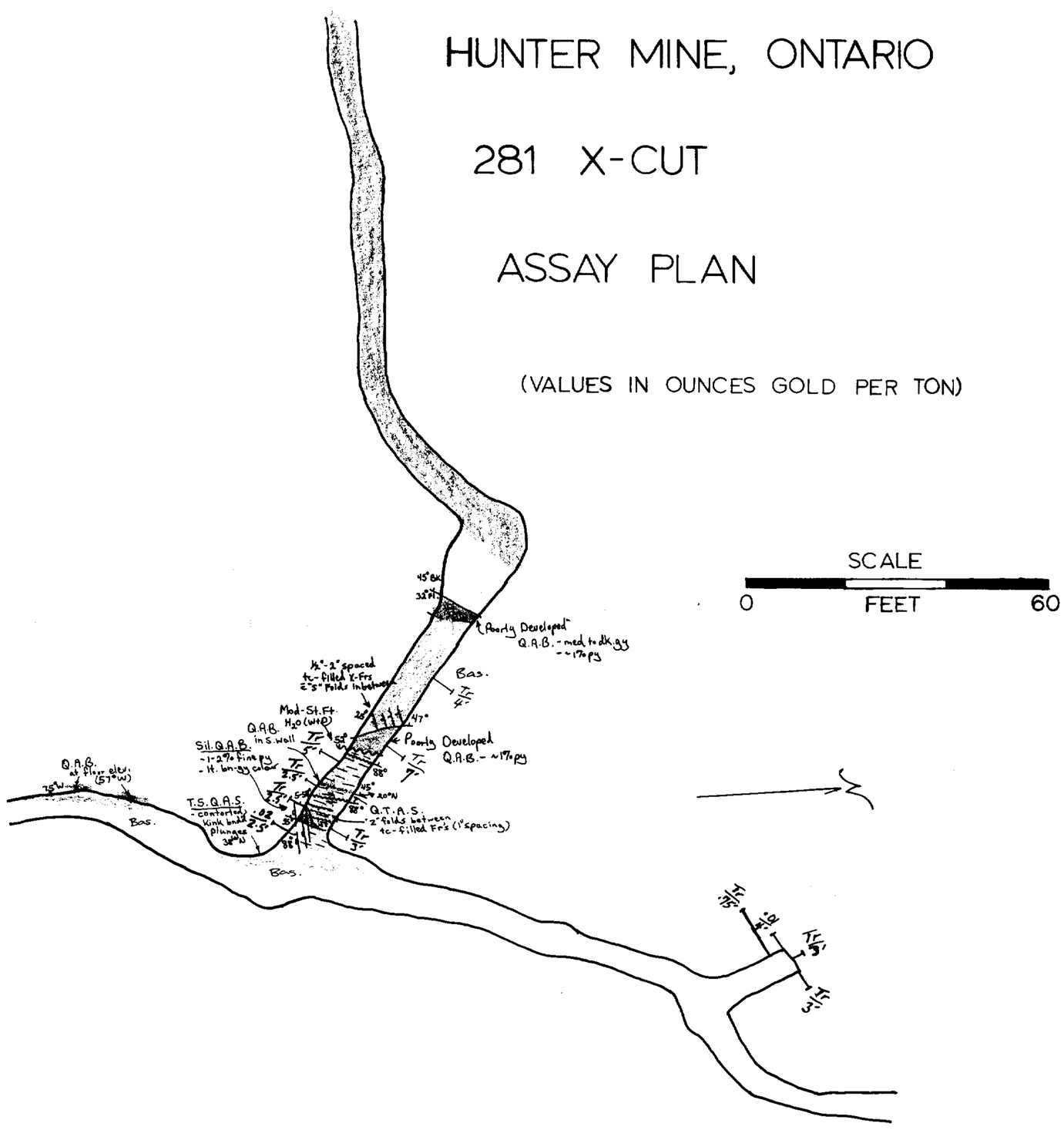
WABIGOON RESOURCES LIMITED

HUNTER MINE, ONTARIO

281 X-CUT

ASSAY PLAN

(VALUES IN OUNCES GOLD PER TON)



Mapped Nov/85 (AR)

COMPILED BY EARTH RESOURCE ASSOCIATES 1983

63.4737
OM85-152

63.4737
OM85-152

WABIGOON RESOURCES LTD.
HUNTER MINE, ONTARIO

ASSAY PLAN

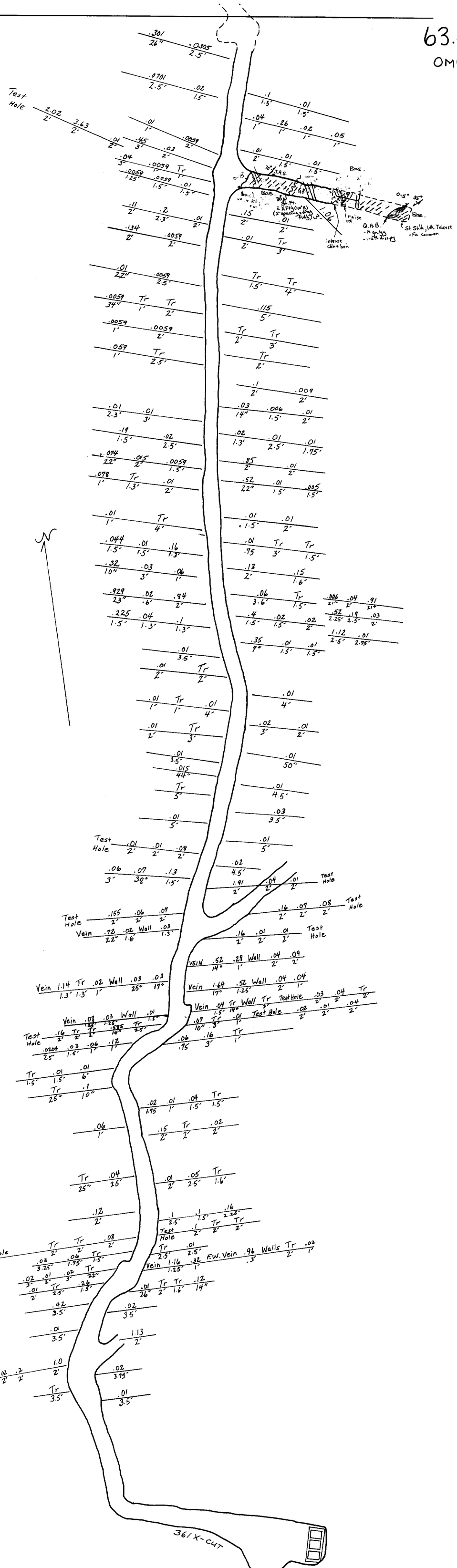
360 FOOT LEVEL

(VALUES IN OUNCES GOLD PER TON)

SCALE
0 FEET 60

Mapping Nov. 85 (AB)

COMPILED BY EARTH RESOURCE ASSOCIATES 1983



HS-86-19

HS-85-1

HS-85-2

HS-85-7

HS-86-21

HS-86-24

HS-86-23

9700 N

9500 N

9300 N

9100 N

8900 N

LOVERS LANE

WABIGOON DOME

NORANDA WABIGOON

PORCUPINE LAKE

3800 E

4000 E

4200 E

4400 E

4600 E

4800 E

5000 E

5200 E

63.4737
OM85-152

JOGREM RESOURCES INC.

DRAWN BY A Brooks DATE April 23/86
GEOLOGY BY
CHECKED BY

HUNTER MINE
TITLE: SURFACE GEOLOGY PLAN

PLAN NO. B-2-40
PROJECT:
N.T.S.
PROV.
TWP.
SCALE 0 40 80

330

10 800 N

10 600 N

10 400 N

10 200 N

10 000 N

9 800 N

3 800 E

4 000 E

4 200 E

4 400 E

4 600 E

4 800 E

5 000 E

PORCUPINE LAKE

HS-86-16

HS-86-15

HS-86-10

HS-86-9

HS-86-14

HS-86-13

HS-86-20

HS-86-17

HS-86-11

HS-86-12

HS-85-6

HS-85-5

HS-85-4

HS-85-3

HS-85-2

HS-85-1

HS-86-19

#19

#16/18

#17

#5S

#4S

#2S

#3S

#1S

#2

#1

#6

#10

#9(-40')

#20

#21

3-GCPM

LOVERS LANE

HALEYBURY CRES

WABI GOON DOME

63.4737

OM85-152

JOGREM RESOURCES INC.

HUNTER MINE

TITLE: SURFACE GEOLOGY PLAN

DRAWN BY A. Brooks DATE 12/04/86

GEOLOGY BY

CHECKED BY

PLAN NO: C-2-40

PROJECT:

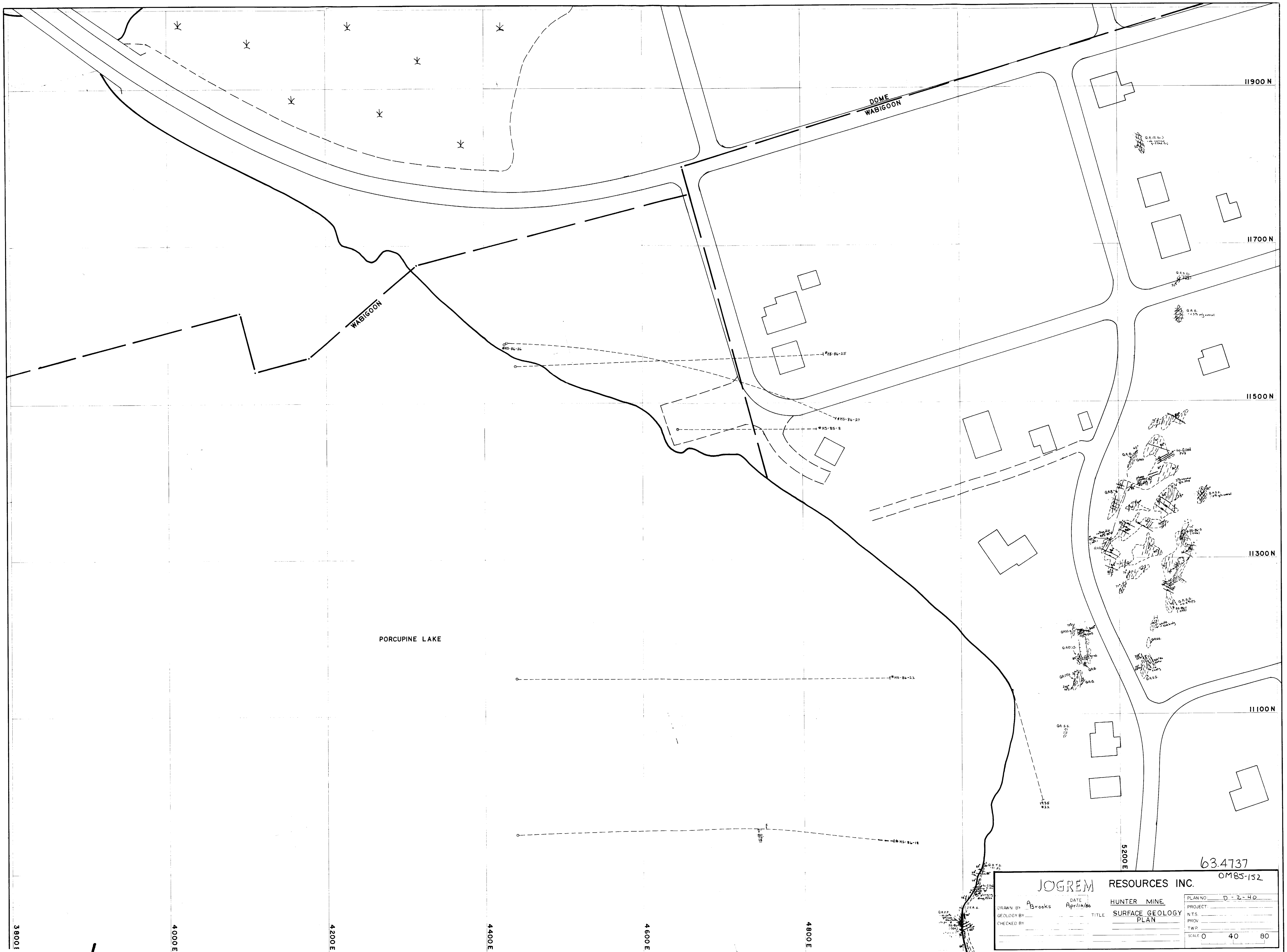
N.T.S.

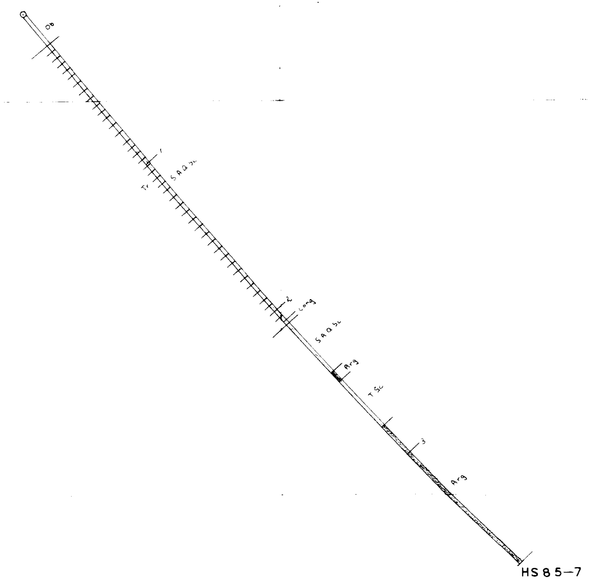
PROV.

TWP.

SCALE 0 40 80

340


11900 N
11700 N
11500 N
11300 N
11100 N
5200 E
4800 E
4600 E
4400 E
4200 E
4000 E
3800 E
DOME
WABIGOON
WABIGOON
PORCUPINE LAKE
#HS-86-25
#HS-86-24
#HS-86-27
#HS-85-8
#HS-86-22
#HS-86-18
1935 #22
63.4737
OM85-152
JOGREM RESOURCES INC.
DRAWN BY A. Brooks
DATE April 16/86
GEOLOGY BY
CHECKED BY
TITLE
HUNTER MINE
SURFACE GEOLOGY
PLAN
PLAN NO. D-2-40
PROJECT
N.T.S.
PROV.
T.W.P.
SCALE 0 40 80
350



10900

10700

10500

10300

10100

9900

4100 E

4300 E

4500 E

4700 E

4900 E

5100 E

5300 E

63.4737

OM85-152

WABIGOON RESOURCES LTD.

HUNTER MINE

TITLE GEOLOGY SECTION

9650 N

BLOCK 2-40

DRAWN BY J.P DATE JUNE 86

REV BY

SCALE 0 40 80

1

360

10900

10700

10500

10300

10100

9900

4100E

4300E

4500E

4700E

4900E

5100E

5300E

HS86-19

HS85-2

HS85-1

63.4737

OM85-152

WABIGOON RESOURCES LTD.

HUNTER MINE

TITLE GEOLOGY SECTION

9750 N

BLOCK 2-40

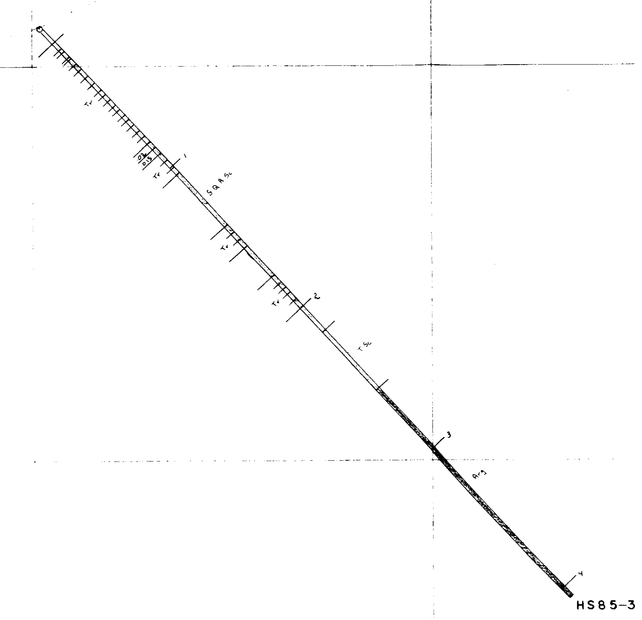
DRAWN BY J.P DATE JUNE 86

REV. BY

SCALE 40 80

0

370



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10700

10500

10300

10100

9900

4100E

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5100E

5300E

63.4737
OM85-152

WABIGOON RESOURCES LTD.

HUNTER MINE

TITLE GEOLOGY SECTION
9850 N
BLOCK 2-40

DATE
DRAWN BY J.P JUNE 86
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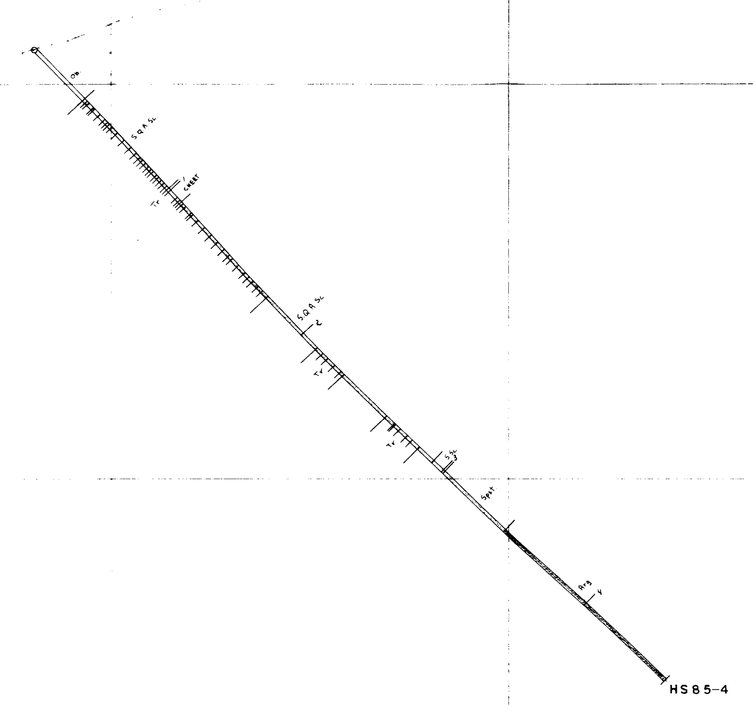

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WABIGOON RESOURCES LTD.

HUNTER MINE

TITLE GEOLOGY SECTION

9950 N

BLOCK 2-40

DATE

DRAWN BY J.P JUNE 86

REV. BY

SCALE 0 40 80

1

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10900

10700

10500

10300

10100

9900

HS86-17

HS86-12

HS86-11

HS85-6

HS85-5

4100E

4300E

4500E

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4900E

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5300E

63.4737

OM85-152

WABIGOON RESOURCES LTD.

HUNTER MINE

TITLE GEOLOGY SECTION

10050 N

BLOCK 2-40

DRAWN BY J.P DATE MAY 86

REV. BY

SCALE 40 80

EARLY PRECAMBRIAN (ARCHEAN)

INTUSIVE

5 5a Quartz feldspar porphyry (gray)
5b Quartz feldspar porphyry (pink)

LAWRENCE LAKE BATHOLITH

4 4 Unsubdivided
4a Mixed contact phase
4b Biotite-hornblende diorite
4c Biotite-hornblende quartz diorite
4e Granodiorite
4f Trondhjemite

EXTUSIVE

FELSIC METAVOLCANICS

3 3a Unsubdivided
3b Flow
3c Fragmental
3d Tuff-breccia
3e Lapilli-tuff
3f Tuff
3g Flow banding
3h Carbonatized
3j Sericite schist

INTERMEDIATE METAVOLCANICS

2 2a Unsubdivided
2b Flow
2c Tuff-breccia
2d Agglomeratic tuff-breccia
2e Lapilli-tuff
2f Tuff, crystal tuff
2g Chlorite-sericite schist
2h Carbonatized
2j Porphyritic
2k Metasomatized
2m Andesitic composition

MAFIC METAVOLCANICS

1 1a Flow (unsubdivided)
1b Pillowed flow
1c Amygdaloidal flow
1d Variolithic flow
1e Massive flow
1f Coarse-grained flow
1g Porphyritic flow
1h Flow breccia
1j Pillow breccia
1k Tuff-breccia
1m Lapilli-tuff
1n Tuff
1p Chlorite schist
1s Carbonatized
1v Metasomatized
1w Andesitic composition

py	pyrite
po	pyrrhotite
cpy	chalcopyrite
ank	ankerite
ca	calcareous
qv 2'	quartz vein - width
——	major geological contact
	swamp-water
~ ~	intermittant stream
	sample point
J7	JAB 7-85 sample number-year
—+—	bedding
—+—	foliation
—+—	jointing

824699 824701 824703 824706 824707 824708 824709

BLUFFPOINT LAKE

K824700 K824702 K824603 K824704 K824604 K824605 K824698 K824593 K824589 K824601 K824599 K824597 K824602 K824594 K824591 K824592 K824588 K824590

Shear 'A' Shear 'B' Shear 'C'

STRAW LAKE

BL 20 W BL 0 BL 20N

cedar gossan

N

1in.=1/2 mi.

Bluffpoint Lake
Peggy's Pond
Cedar Narrows Road
Straw Lake
Map 1
Map 2
Hwg 502 - 42Kms
Ft Frances - 112Kms

GRID NORTH TRUE NORTH 45°

BOGURNEY RESOURCES

PEGGY'S POND PROJECT
Bluffpoint Lake Map Area
Mapped by: J.A Bolen
Mapped 1985
1 inch = 200 feet

MAP SHEET 2

INTRUSIVE

5 — 5a Quartz Feldspar Porphyry (gray)
5b Quartz Feldspar Porphyry (pink)

LAWRENCE LAKE BATHOLITH

4 — 4 Unsubdivided
4a Mixed contact phase
4b Biotite-hornblende diorite
4c Biotite-hornblende quartz diorite
4e Granodiorite
4f Trondhjemite

EXTRUSIVE FELSIC METAVOLCANICS

3 — 3a Unsubdivided
3b Flow
3c Fragmental
3d Tuff-breccia
3e Lapilli-tuff
3f Tuff
3g Flow banding
3h Carbonatized
3j Sericite schist

INTERMEDIATE METAVOLCANICS

2 — 2a Unsubdivided
2b Flow
2c Tuff-breccia
2d Agglomeratic tuff-breccia
2e Lapilli-tuff
2f Tuff, crystal tuff
2g Chlorite-sericite schist
2h Carbonatized

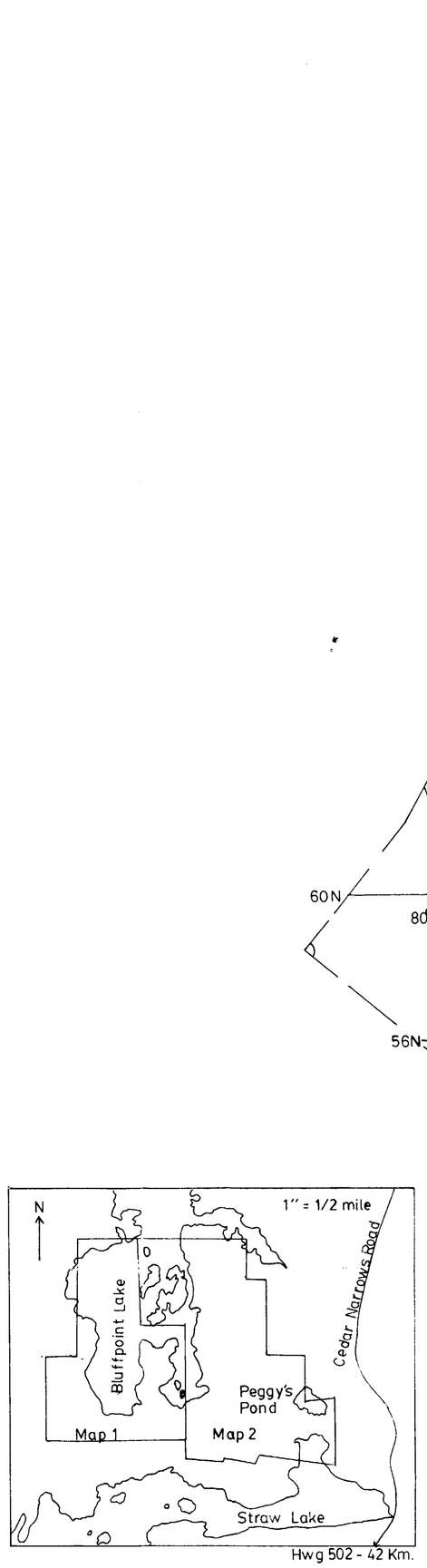
MAFIC METAVOLCANICS

1 — 1a Flow (unsubdivided)
1b Pillowed flow
1c Amygdaloidal flow
1d Variolitic flow
1e Massive flow
1n Flow breccia
1k Tuff-breccia, agglomeratic
1m Lapilli-tuff
1n Tuff
1p Chlorite schist
1s Carbonatized

py pyrite
cpy chalcopyrite
mal malichite
po pyrrhotite
qv quartz vein
bedding
foliation
jointing

BOGURNEY RESOURCES
PEGGY S POND PROJECT
Bluffpoint Lake Map Area
Mapped by: J.A.Bolen
Mapped 1985
1 inch = 200 feet

63.4737
OM85-152



GRID NORTH
TRUE NORTH
45°

MAP SHEET 1

K824701

K824702

K824703

K824704

K824710

K824706

K824604

BLUFFPOINT LAKE

K824711

K824707

K824708

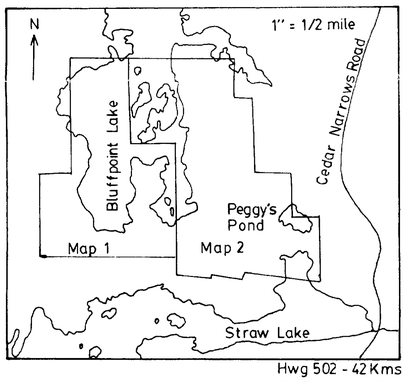
K824605

K824709

K824698

76N
72N
68N
64N
60N
56N
52N
48N
44N
40N

BL 50W
BL 40W
BL 20W



Hwg 502 - 42 Kms
Ft. Frances - 112 Kms

Grid North
True North
45°

MAP 1

BOGURNEY RESOURCES
PEGGY'S POND PROJECT
Magnetometer Survey 1985
Contour interval - 100 gammas
1 inch = 200 feet

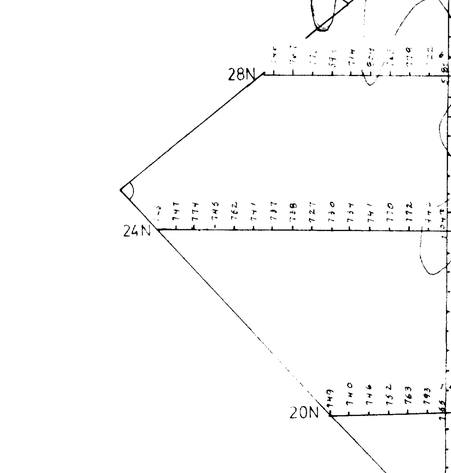
Survey by: J.A. Bolen

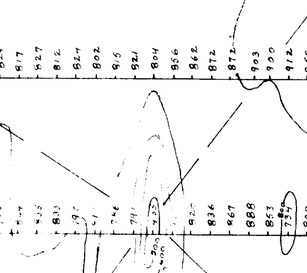
63.4737
OM85-152

63.4737
OM85-152

BOGURNEY RESOURCES

PEGGYS POND PROJECT
Bluffpoint Lake Map Area
Magnetometer Survey
Survey by J A Bolen
contour interval 100 gammas
1 inch = 200 feet





MAP 2

K824701

K824702

K824703

K824704

K824710

K824706

K824604

BLUFFPOINT LAKE

K824711

K824707

K824708

K824709

K824605

K824598

76N

72N

68N

64N

60N

56N

52N

48N

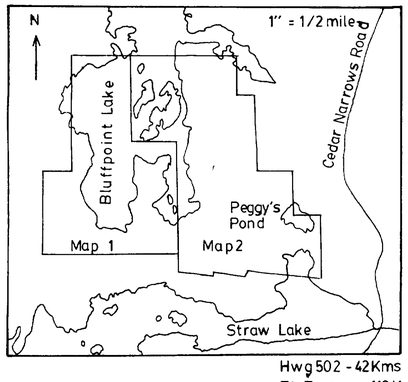
44N

40N

BL40W

BL50W

BL20W



Hwy 502 - 42Kms
Ft Frances - 112Kms

Grid North

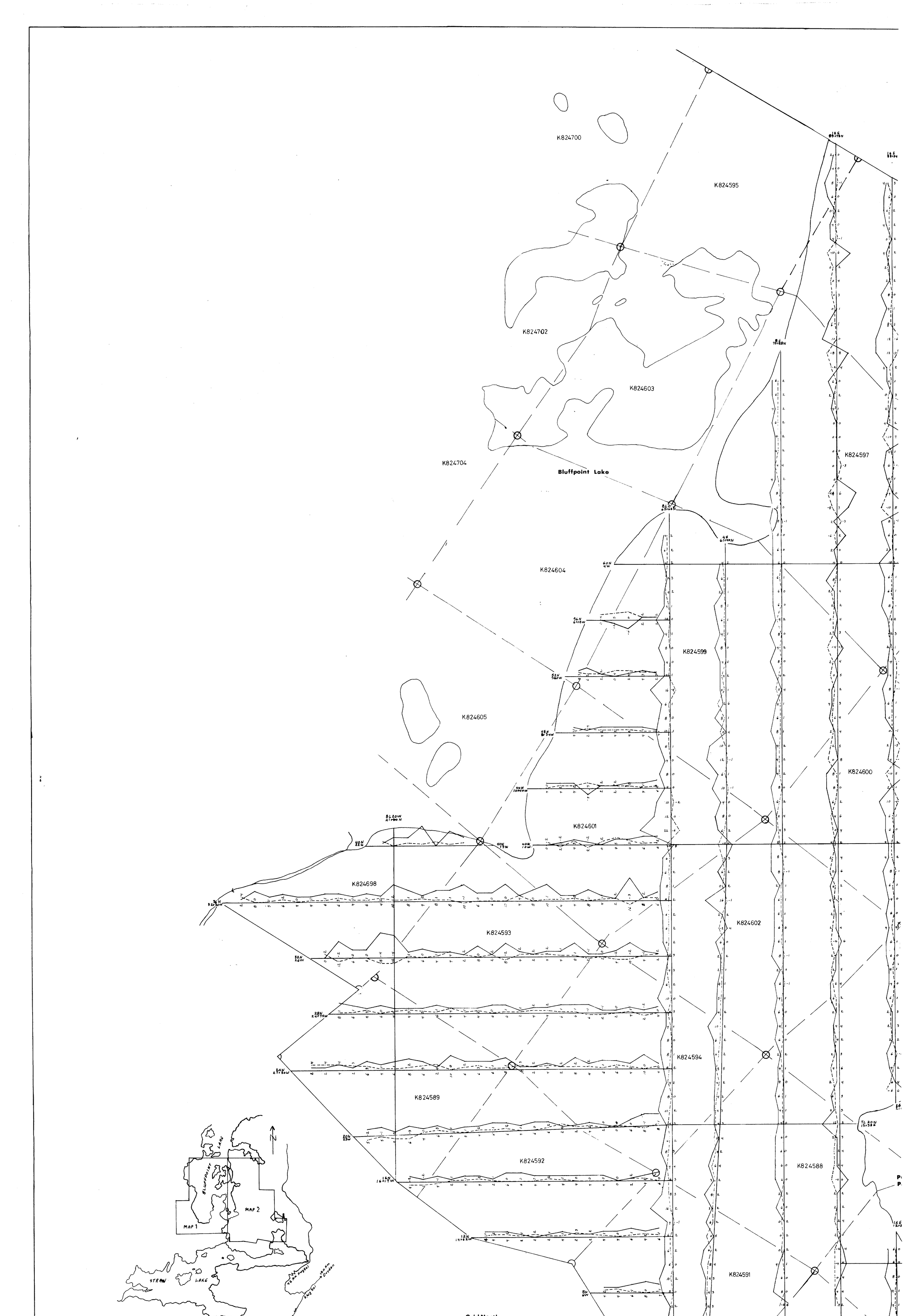
True North

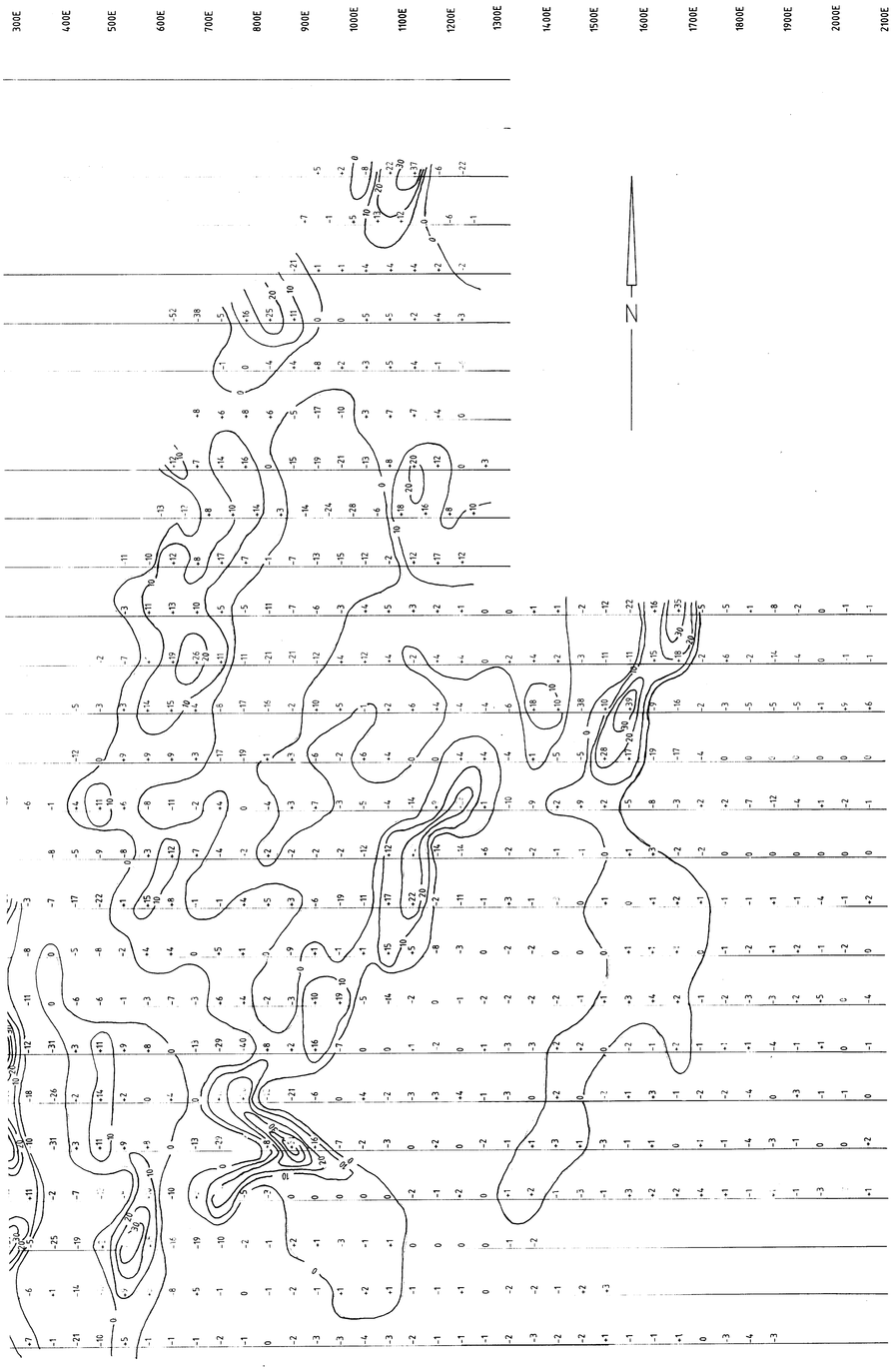
45°

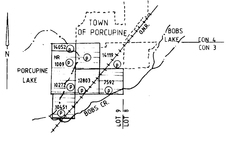
MAP 1

BOGURNEY RESOURCES
PEGGYS POND PROJECT
Geonics EM17 Survey
In Phase
Out Phase
1 inch = 10%
1 inch = 200 feet

63.4737
OM85-152


K824700
K824595
K824702
K824603
K824704
Bluffpoint Lake
K824597
K824604
K824599
K824605
K824600
K824601
K824698
K824602
K824593
K824594
K824589
K824592
K824588
K824591
K824590
Straw Lake
Grid North
True North
45°
MAP 2
MAP 1
BLUFFPOINT LAKE
STRAW LAKE
63.4737
OM85-152
BoGurney Resources
Peggy's Pond Project
Geonics EM17 Survey
In Phase ——
Out Phase - - - -
1 inch = 10%
1 inch = 200 feet





LOCATION MAP
SCALE: 1 inch= 1/2 mile

KEY

LEGEND

Claim Boundary: ——— ———

Claim. Number: 1009

Iron Pin (found): •IP

Lake:

Creek:

Building:

Power Line:

Highway:

Road

Railway:

Client: Wabagoon Resources Inc.

Grid: Hunter Mine Property

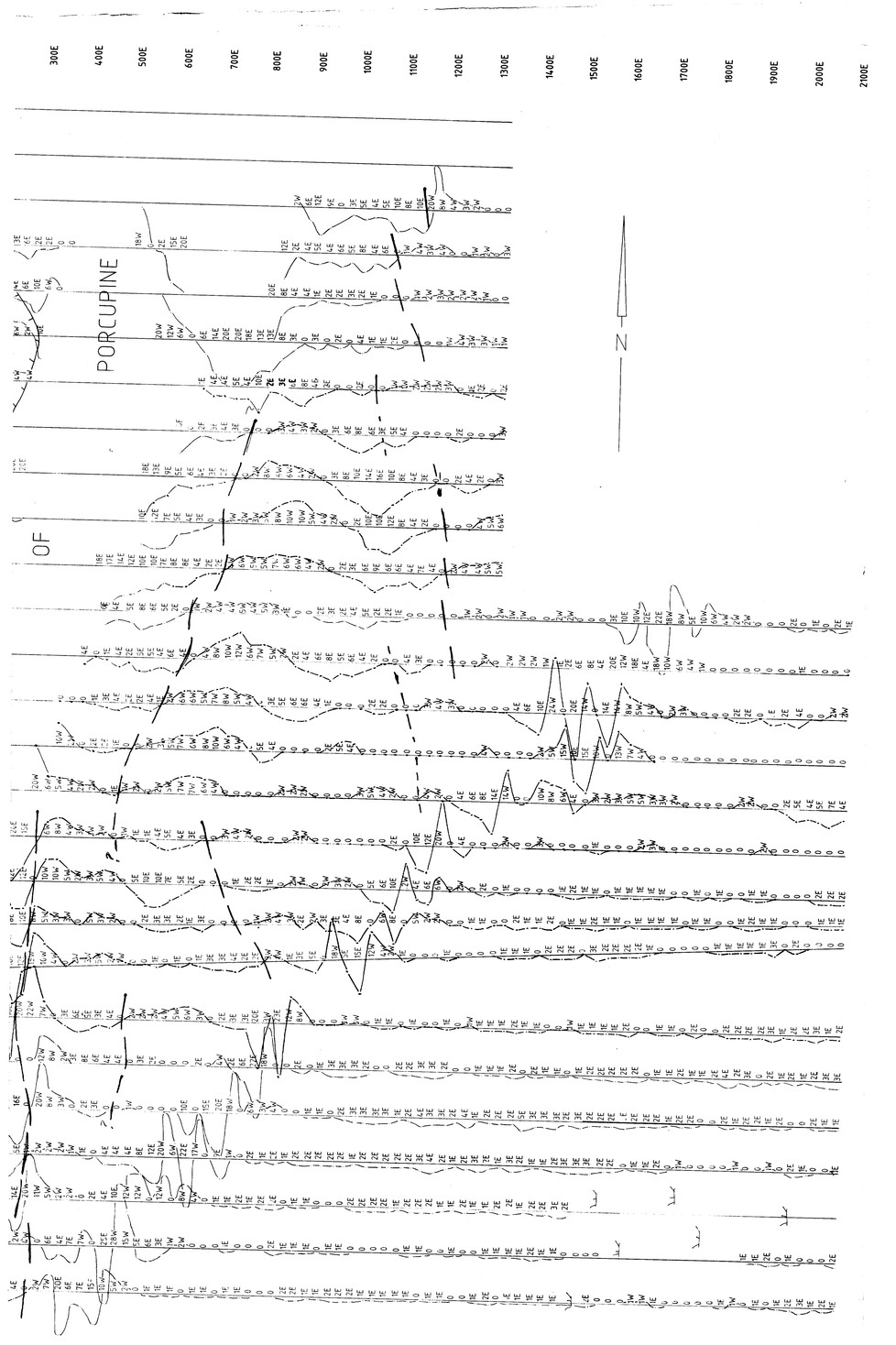
Survey:

Date: Plotting: P. Noël W. Pearson

Scale: 1"=100' Interpretation: J.Grant

EXSICS EXPLORAION LIMITED
(705) 267-4151

63.4737
OM85-152



LOCATION MAP
SCALE: 1 inch=1/2 mile

KEY

Conductor Axis:
VLF Tx. Station: Annapolis Maryland
Frequency: 21.4khz
VLF Dip Angle: .____.
Instrument: Crone VLF Radem Unit
Operator: Exsics Exploration Ltd.

LEGEND

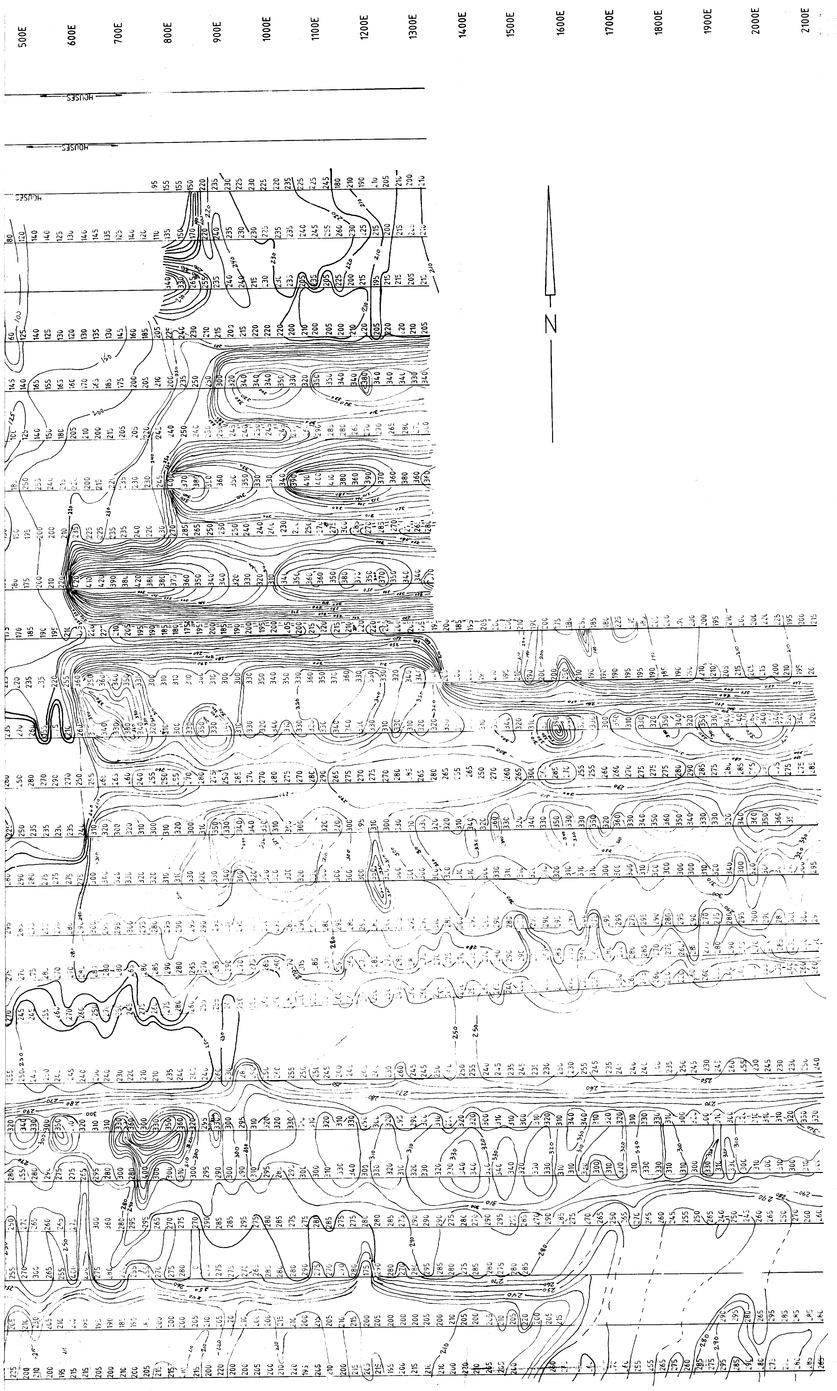
Claim Boundary: ____ ____
Claim Number: 1009
Iron Pin (found): • IP
Lake:
Creek:
Building:
Power Line:
Highway:
Road:
Railway:

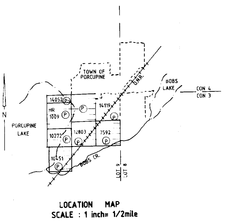
Client: Wabigoon Resources Inc.
Grid: Hunter Mine Property
Survey: VLF Dip Angle

Date: Nov. 1 1985	Plotting: P.Noël W.Pearson
Scale: 1"=100'=20%	Interpretation: J.Grant

EXSICS EXPLORATION LIMITED
(705) 267-4151

63.4137
OM85-152





KEY

Conductor Axis:

VLF Tx. Station: Annapolis Maryland

Frequency: 21.4khz.

VLF Field Strength: ____ 240 ____

Instrument: Crone VLF Radem Unit

Operator: EXSICS EXPLORATION Ltd.

LEGEND

Claim Boundary: ____ ____

Claim Number: 1009

Iron Pin (found): •IP

Lake:

Creek:

Building:

Power Line:

Highway:

Road:

Railway:

Client: Wabagoon Resources Inc.

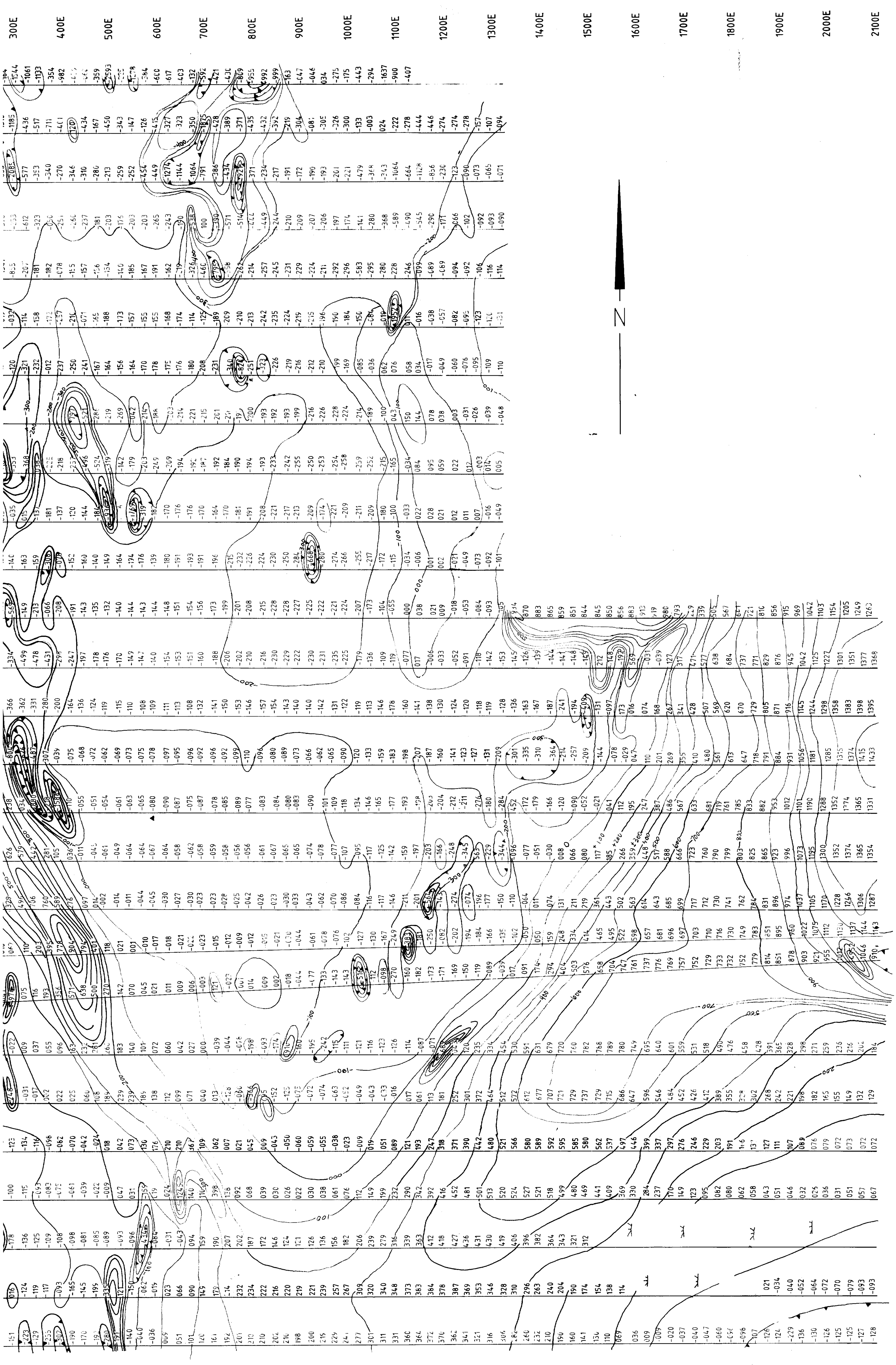
Grid: Hunter Mine Property

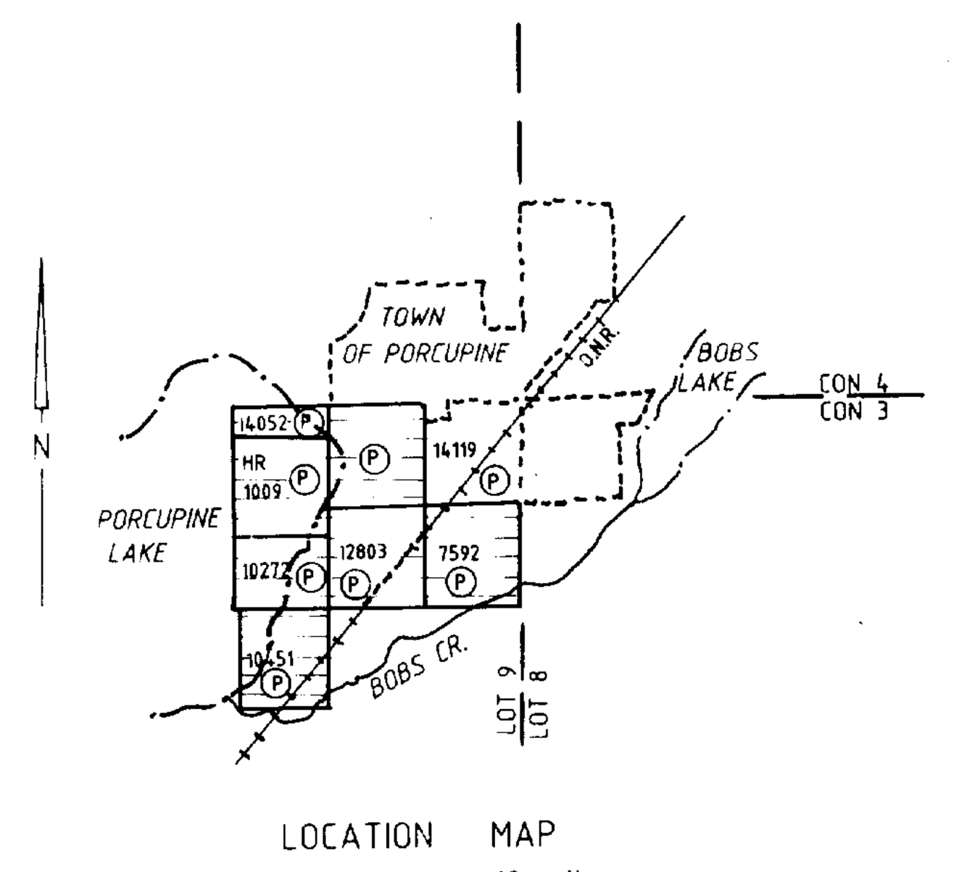
Survey:

Date:	Plotting: P. Noël W. Pearson
Scale: 1"=100'	Interpretation: J.Grant

EXSICS EXPLORATIN LTD.
(705) 267-4151

63.4737
OM85-152





LOCATION MAP
SCALE:1 inch=1/2 mile

KEY

TOTAL MAGNETIC FIELD: in gammas 59000

MAGNETIC DEPRESSION:

CONTOUR INTERVAL:

BASE STATION: ▲

OPERATOR EXSICS EXPLORATION LIMITED

INSTRUMENT: SCINTREX MP-2

LEGEND

Claim Boundary:

Claim Number: *1009*

Iron Pin (found): •IP

Lake:

Creek:

Building:

Power Line:

Highway:

Road:

Railway:

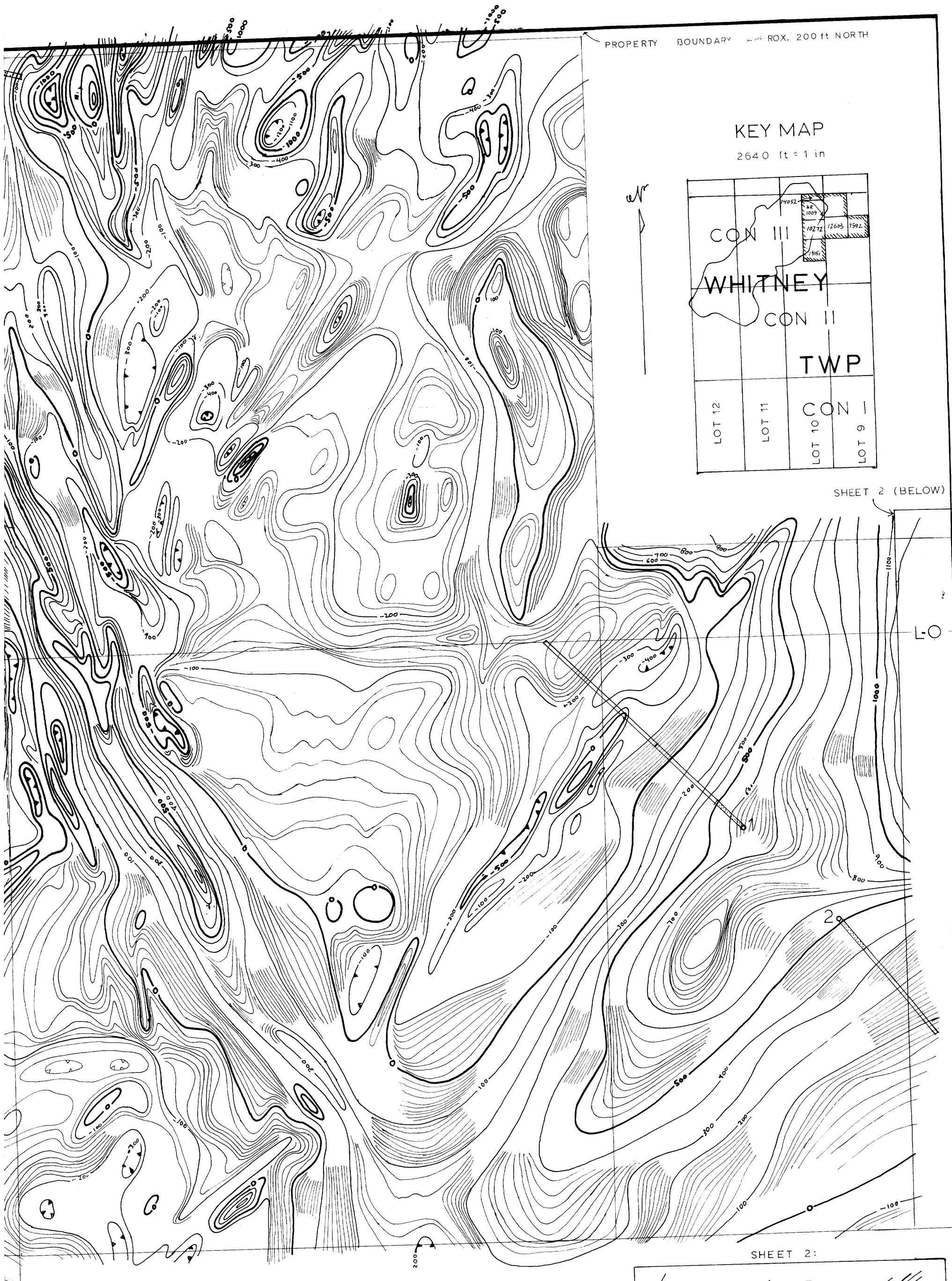
Client: Wabigoon Resources Inc.

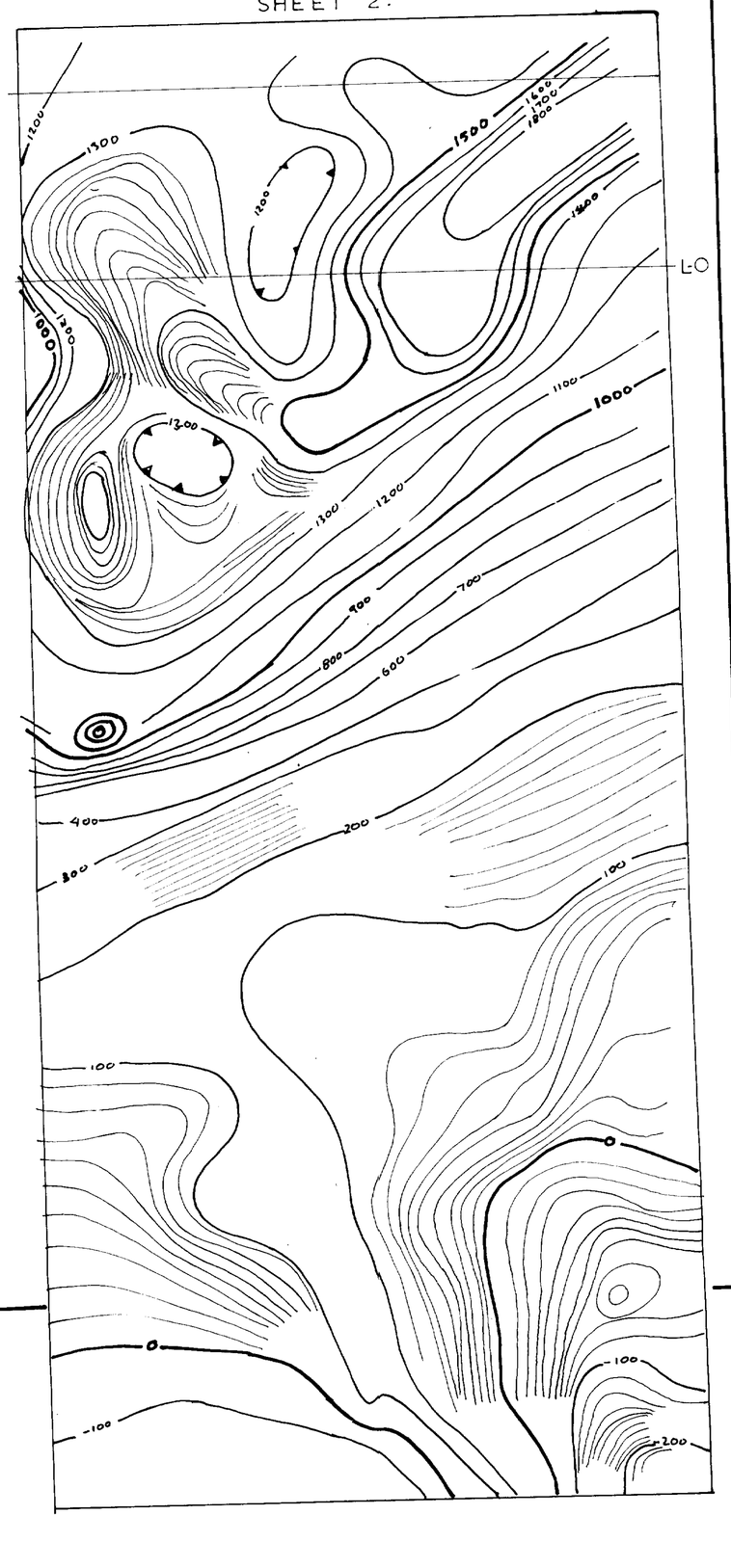
Grid: Hunter Mine Property

Survey:

Date: Nov. 1, 1985	Plotting: P. Noël, W. Pearson
Scale: 1"=100'	Interpretation:

EXSICS EXPLORATION LIMITED
(705) 267 4151





WABIGOON RESOURCES LIMITED

THE HUNTER MINE PROPERTY

WHITNEY TOWNSHIP, TIMMINS, ONTARIO

ISOMAGNETIC CONTOUR MAP 1985

CONTOURED AT 10, 100, 500 GAMMAS WITH 0 = 59000 GAMMAS

Contoured by J.L.Kirwan, 1985. from data generated by EXSICS GEOPHYSICS LTD. TIMMINS

SCALE

feet 0 — 500

metres 0 — 100

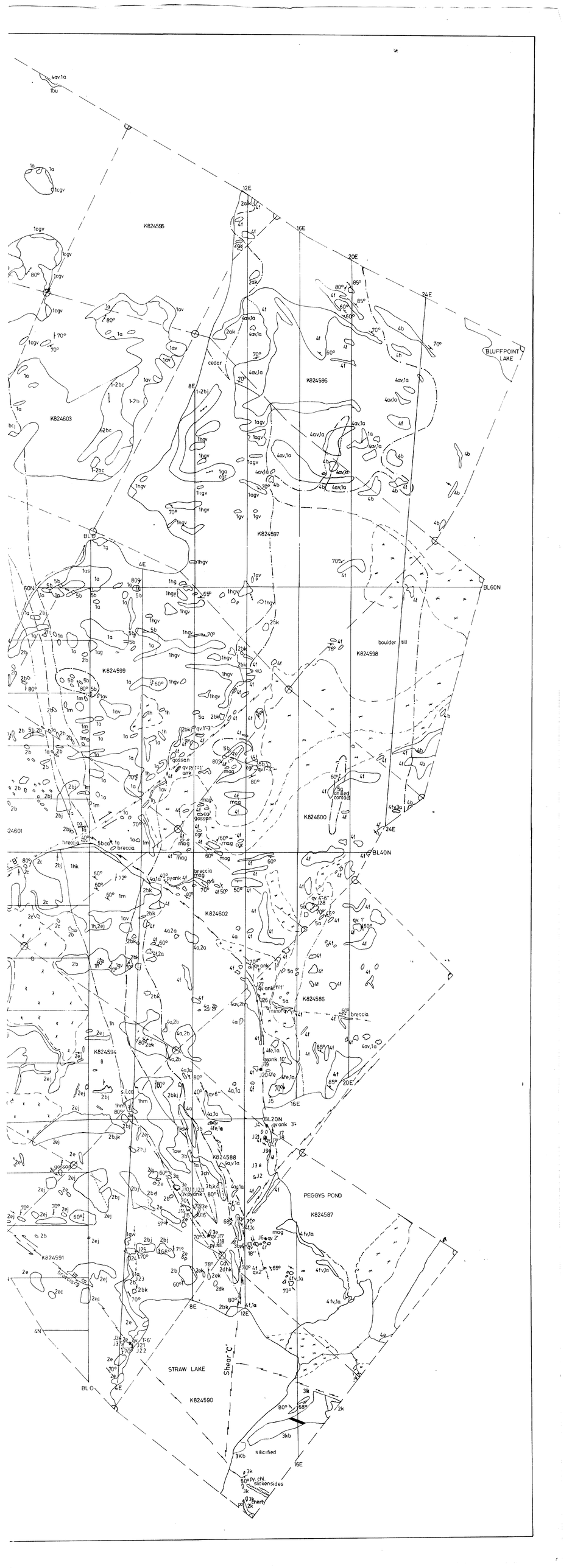
Earth Resource Associates

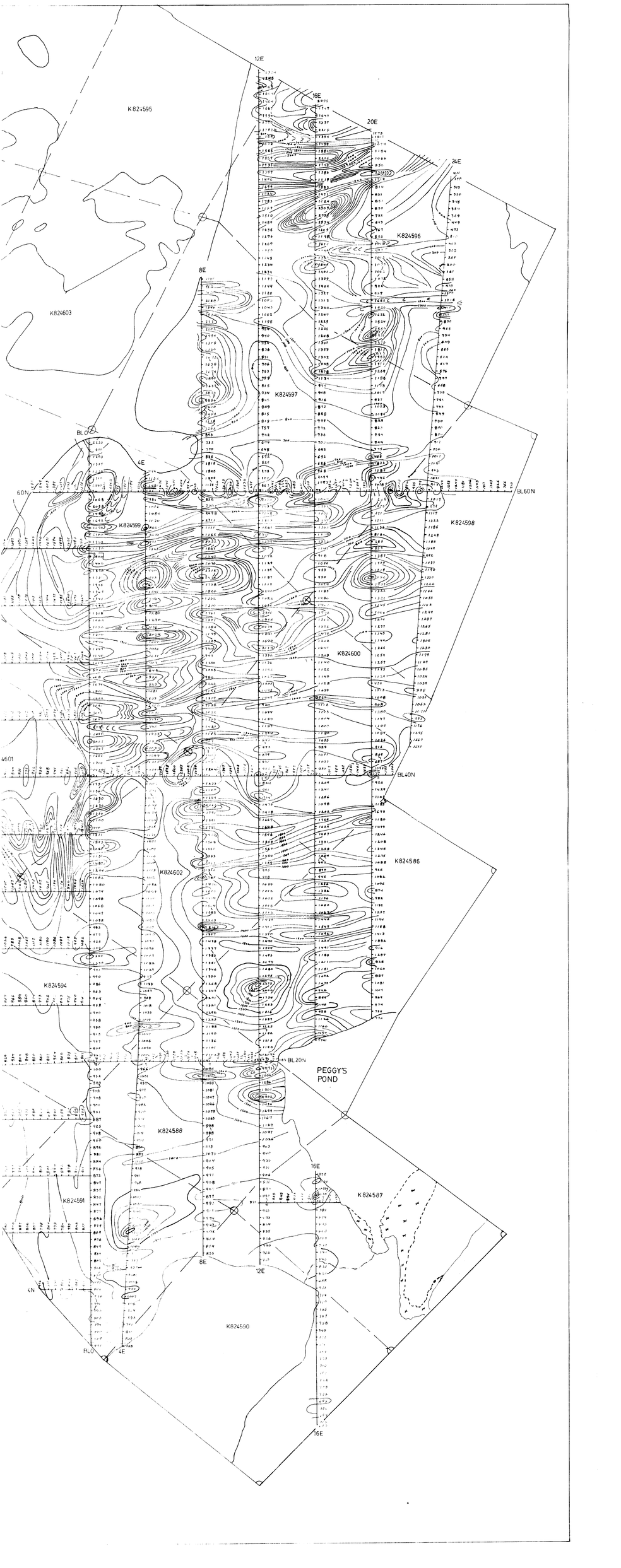
LOT 10

BL LOT 9

63.4737

OM85-152


BLUFFPOINT LAKE
PEGGYS POND
STRAW LAKE
Shear 'C'
K824595
K824596
K824597
K824598
K824599
K824600
K824601
K824602
K824603
K824586
K824587
K824588
K824590
K824591
K824594
boulder till
silicified
12E
16E
20E
24E
BL60N
BL40N
BL20N
BL0
4N
4E
BE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16E
20E
24E
8E
4E
0
K824595
K824596
K824603
K824597
BL0
60N
BL60N
K824599
K824598
K824600
4601
BL40N
K824586
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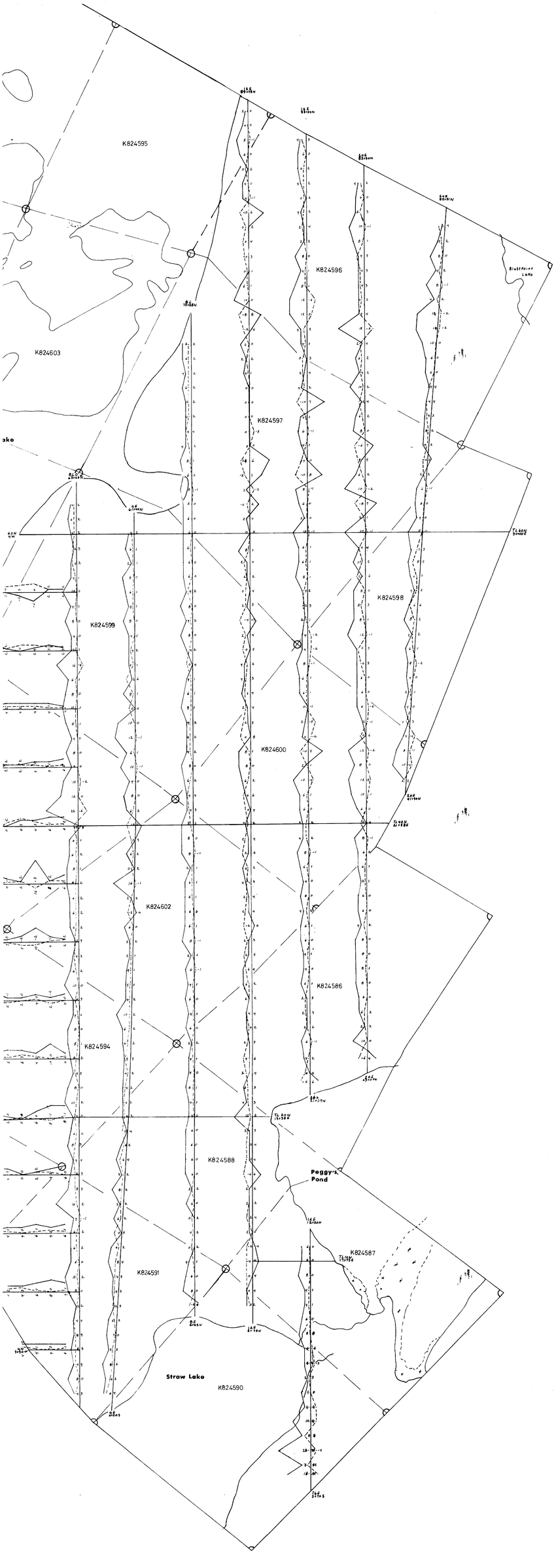
BL20N
PEGGY'S
POND
K824588
K824591
K824587
4N
K824590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K824596
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K824598
K824599
K824600
K824602
K824586
K824594
K824588
K824591
K824587
K824590
Peggy's Pond
Straw Lake
Bluff Point Lake

1 of 5 63.4737

GEOPHYSICAL REPORT, HUNTER MINE PROPERTY

WHITNEY TOWNSHIP, ONTARIO

OM85-152

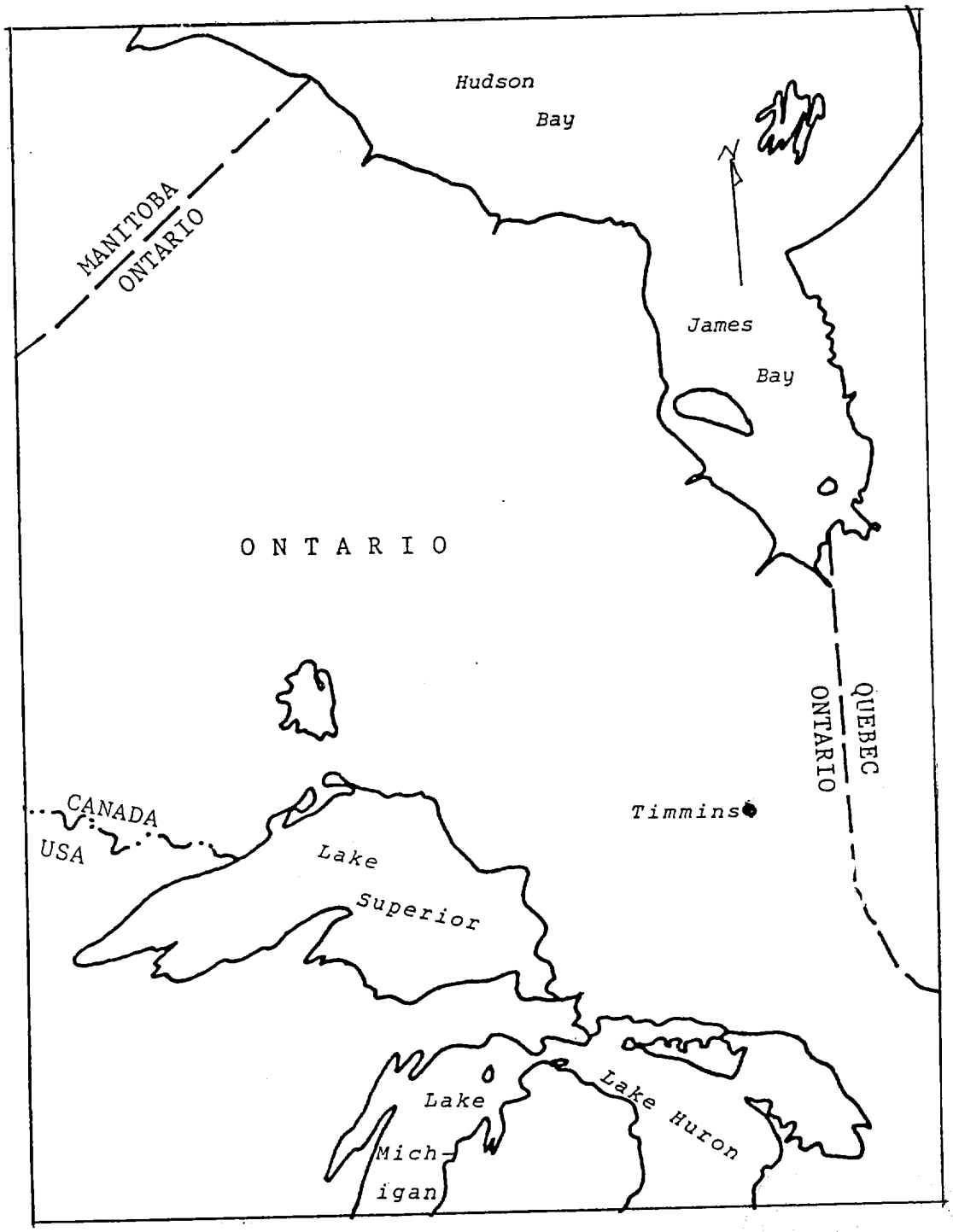
by

John L. Kirwan

Earth Resource Associates
116 Golden Avenue,
South Porcupine, Ontario
P.O.Box 2150,
TIMMINS, Ont. P4N 7X8
705 235-2777

P.O. Box 985,
Centre Harbor NH
USA 03226
603 253-6107

January 22, 1986



Location of the Timmins Area of Ontario

EARTH RESOURCE ASSOCIATES

JOHN L. KIRWAN

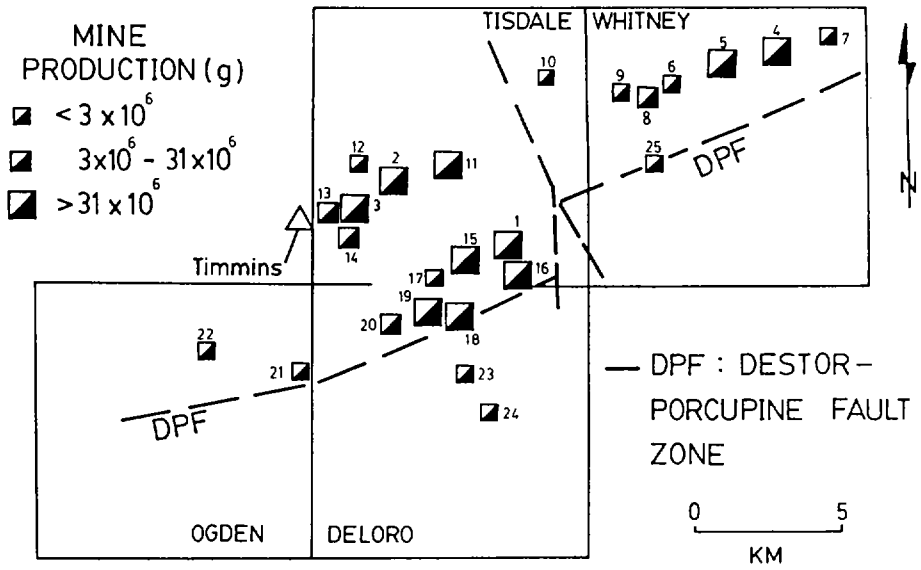
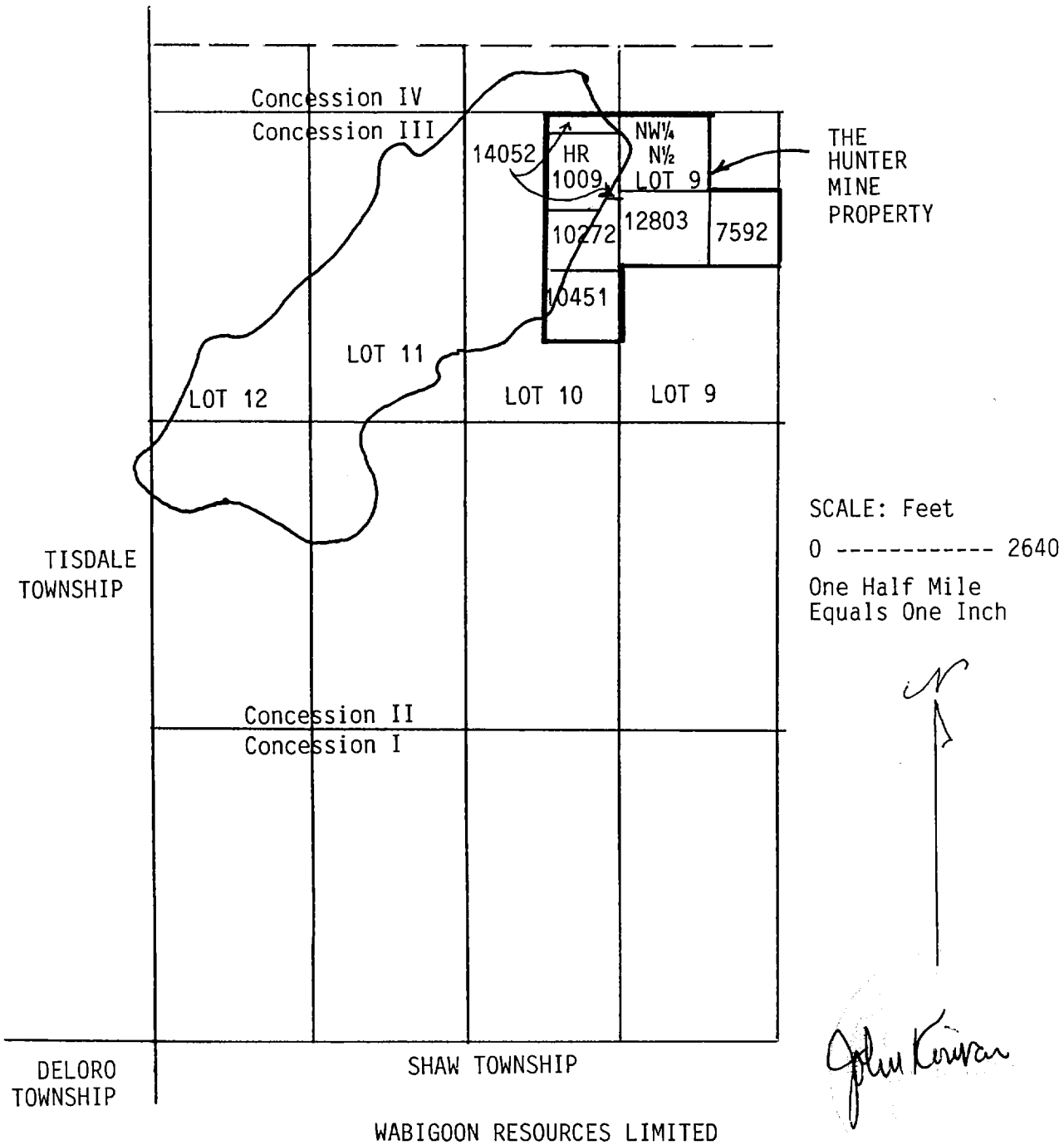


Figure 2–Location of former and presently producing mines, and the Destor-Porcupine Fault Zone in the Porcupine camp. The mining properties[a] are:

Producing Mines
1 –Dome.
2 –McIntyre (Pamour Schumacher property).
3 –Hollinger (Pamour Timmins property).
4 –Pamour #1.
11 –Westfield Minerals (formerly Coniaurum; Pamour option).
19 –Aunor (Pamour #3 Mine).
20 –Delnite.
Former Producers
5–Hallnor.
6 –Broulan Reef.
7 –Hoyle.
8 –Hugh Pam.
9 –Banner Porcupine (formerly Canusa).
10 –Davidson-Tisdale.
12 –Consolidated Gillies Lake.
13 –Moneta.
14 –Vipond.
15 –Paymaster Consolidated.
16 –Preston.
17 –Fuller Claim (Edwards shaft).
18 –Romfield Building Corp. Ltd.
(Buffalo Ankerite Mine: Pamour option).
21 –Kenilworth.
22 –Desantis.
23 –McLaren-Porcupine.
24 –Faymar.
25 –Porcupine Lake.

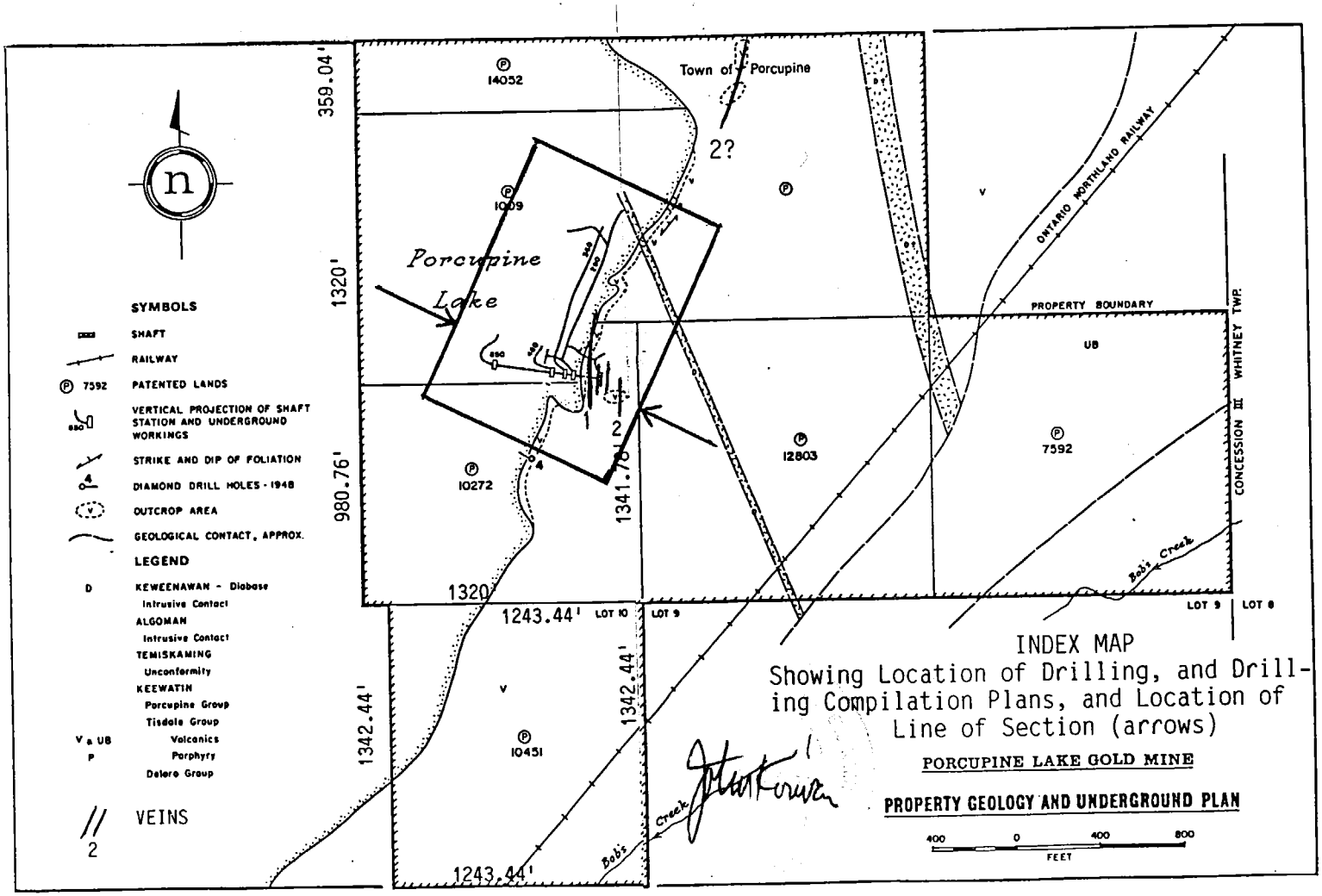
[a] For simplicity, the traditional names of mining properties and prospects, as listed by Ferguson *et al.* (1968) and Carlson (1967), are used.

Location of the Hunter Mine (No. 25) in Relation to the Major Gold Producers of the Timmins Area. From OGS Study 26.



WABIGOON RESOURCES LIMITED

Southwestern Whitney Township, Porcupine Mining Division, Province of Ontario, Canada, showing Locations of Claims on the Hunter Mine Property.



JOHN L. KIRKWAN

GEOPHYSICAL REPORT, HUNTER MINE PROPERTY, WHITNEY TOWNSHIP, ONTARIO

by

John L. Kirwan

INTRODUCTION

This report has been prepared for the Management and Directors of Wabigoon Resources Limited of Toronto, Ontario, so as to present to them the results of several geophysical surveys which were performed on their property in Whitney Township, Ontario.

The property consists of seven patented mining claims registered in the name of Wabigoon Resources Limited by Transfer recorded 14th of October, 1983 in the files of the Land Titles Office, Cochrane, Ontario. These claims are situated in Lots 9 and 10, Concession III, Whitney Township, Porcupine Mining District, Ontario, and are all within the Regional Municipality of the City of Timmins. The claims are numbered as follows on the Ontario Ministry of Natural Resources Mining Claim map M.319:

In Lot 10: 14052, HR1009, 10272, and 10451;

In Lot 9, P.7592, 12803, and an unnumbered claim comprising the NW quarter, N half of Lot 9 registered as Parcel 3984 on Page 733, Volume 20 at the Land Titles Office as "Mining Lands, namely the Mines Minerals and Mining Rights" of the quarter lot in question.

No liens, cautions or encumberances were recorded against this ground as of November 1, 1985, but an agreement has been recorded,

dated 8th March, 1984, between the Corporation of the City of Timmins and Wabigoon Resources Limited pertaining to the mineral exploration and development of Claim 10272.

Except for a small area of about 3 acres in the southeastern corner of claim 10451, which was inaccessible due to water, all parts of these claims were geophysically surveyed on grid lines cut for the purpose under supervision of the undersigned but under contract to Exsics Geophysics Limited, a contracting geophysical company, of Timmins, Ontario. All of the linecutting and geophysical surveying was performed in 1985, the maps being dated November 1 of that year, although delivery of these maps did not take place until late December.

LINECUTTING

A north-south baseline was established along the boundary between Lots 9 and 10 of Concession III and east-west picket lines were driven from this baseline at a 100 foot spacing. Because of the control from surveyed roads and property lines the control on these lines is believed to be excellent.

THE SURVEYS

Magnetometer. A Scintrex MP2 Total Field magnetometer was used to take readings at 25 foot intervals along the picket lines to an accuracy of 1 gamma. These readings were levelled to a series of base readings to correct for diurnal variation. A contoured isomagnetic map at a scale of 100 feet to the inch was delivered by Exsics Geophysics in late December, 1985 and, in addition, a detailed isomagnetic map was prepared from the same data by Earth Resource Associates of Timmins.

VLF Surveys. A Crone VLF Radem unit was used to take readings at the same stations as the magnetometer. The following readings were taken, using the United States Navy broadcasting signal from Annapolis, Maryland.

i. Dip angle of the electromagnetic waveform,

ii. Field Strength of this signal.

Three sets of maps at a scale of 100 feet to the inch were presen-

ted by Exsics:

a. Profiles of dip angles,

b. Contours of the same observations prepared by a mathematical treatment of the data, termed Frazer Filtering, and

c. Contours of the Field Strength.

A total of 5 sets of geophysical maps comprise the results of these surveys: the 3 VLF maps and the 2 magnetometer maps referred to above. Four of these maps are in two sheets so that a total of 9 sheets constitute the geophysical appendices to this report.

INTERPRETATION

Magnetometer.

a. An area of high magnetic response dominates the northwestern part of claims 1009 and 14052 and is interpreted to be due to ultramafic rock associated with the Destor Porcupine Fault which is known to underly the area (see Ontario Geological Survey Map 2055, 1982, at a scale of 1:50,000).

b. A similar area of high magnetic response dominates claim 7592 and the southeastern part of claim 12803 and is similarly interpreted to be due to fault-related ultramafic intrusions. Indeed, two drill holes that were put down in 1948 by Gold City Porcupine Mines Limited, the results of which are on file at the Resident Geologist's Office of the Ontario Geological Survey (File T-30), clearly indicate that the zone is indeed ultramafic in composition, being composed largely of serpentinite. Logging of these drill holes was by Nelson Hogg, Provincial Resident Geologist at the time; specimens from the holes are on file with the Ontario Geological Survey in Timmins.

c. A sharp north northwest-trending zone of high magnetic response trends across claim 12803 and is interpreted to be due to a diabase dike, an outcrop of which occurs coincident with the magnetic high at the west edge of the unnumbered claim. The dike was also intersected in Drill Hole 17 of 1911 along the northern boundary of claim 12803.

d. A narrow band of magnetic high and low values, which trend across the

property in a northeasterly direction across claims 10451 and 12803, is coincident with the right of way of the Ontario Northland Railways main line, and is interpreted as being due to cultural causes.

e. Beginning in the southwest part of claim 10451 and trending northeasterly to the corner of the unnumbered claim, a discontinuous zone of magnetic lows marks the boundary between generally uniform and low magnetic values to the southeast and a swath of ground underlain by highly variable, erratic, and discontinuous magnetic values to the northwest. This swath of ground appears to be about 1000 feet wide, although its true thickness is difficult to estimate owing to much of it being under the waters of Porcupine Lake where the magnetic "signature" may be difficult to detect owing to greater depths to the magnetic material under the lake.

Rocks from within this swath, or zone, of ground are exposed near the centre of the unnumbered claim, along the shoreline of Porcupine Lake, in the mine workings of the old Hunter Mine on claim HR1009. and in drill holes put down, a) in 1948, the existence of which has already been referred to above, and b) in 1985 under the writer's direction.

From the drilling results in particular, the swath of ground appears to be a zone of alteration in which massive replacement of the original rocks by carbonate minerals of various compositions took place, shearing and mylonitization occured, and sheets of talc and talc-serpentine rock were intruded.

This swath, or zone, is interpreted to be a major area of faulting and dislocation along which extensive and pervasive hydrothermal alteration, magmatic intrusion, and chemical replacement took place and with which the gold mineralization of the Hunter mine is associated.

f. The large area referred to above of generally uniform and low magnetic values to the southeast of the swath of erratic readings was penetrated by several drill holes put down in 1985 in the northern part of claim 10272 and the southeastern part of claim HR1009. Here the rocks were found to be relatively uniform metasedimentary rocks free of the overwhelming alteration found in the alteration zone. As the magnetic

response of the entire area is as would be expected from such rocks, the entire area is interpreted as being underlain by relatively uniform metasedimentary rocks: greywackes, argillites and possibly volcanic tuffs. A thin section cut in 1938 showed the presence of greywacke in a drill hole put down near the minesite at that time (Wabigoon Resources files).

A combination of drill hole results, outcrop readings and ground magnetometer responses indicates that the rocks on the western two-thirds of the property trend generally north-northwesterly and dip at about 45° to the west. A single drill hole (Number 1 of 1948) indicates that the rocks in the eastern part of the property dip eastward. It is probable, therefore, that an anticlinal axis trends northward or northeastward through the eastern central part of the property, the core of which is made up of metasedimentary rocks.

VLF Surveys

Much of the area of ground covered by the present surveys is within the town of Porcupine where residences, sewer lines, overhead wires, metal culverts, buried gas lines and other electromagnetic conductive material of cultural origin occurs. Also, the main line of the Ontario Northland Railway bisects the area, not only with iron track, but with overhead cables as well. Moreover, the presence of lake shore, swamp and old, dried up lake beds combine to produce electromagnetic effects that are not due to bedrock. Interpretation of the electromagnetic pattern on the claim block in terms of bedrock conductors is particularly difficult. Many of the responses may be false, and many others may be obscured.

Taking the Frazer Filter Map, several strong conductive zones appear to be man-made: those on claims 10272 and the southwestern part of 12803 are coincident with roadways and are almost certainly due to overhead wires. There is also a northeast-trending conductor that coincides with the railway line and is presumed to be also of cultural origin.

However, the nearly north-south zone through the unnumbered claim does not appear to coincide with any man-made phenomena and probably originates in bedrock. Its near parallelism with the zone near the Hunter Mine (see below) may indicate a similar origin, or else a layer of graphitic material within the metasedimentary environment. A weak zone, also nearly north-south, along the west edge of claim 7592 cuts the interpreted ultramafic body where the magnetic contours trend also north-south, a combination of data that is interpreted as a nearly north-south fault. The sharpening of contours on the magnetometer map eastward indicates that this fault would have its downthrow side to the west; the lack of particularly obvious offset of the contours across this zone is interpreted as indicative of virtually no horizontal offset.

The most spectacular conductor on the map that is not obviously of cultural origin occurs immediately offshore in Porcupine Lake near the Hunter Mine, trending north-northeast, and occurs under the land area southwest of the Main Shaft of the mine at a point where earlier geologists (notably H.B.Hatch in 1939 in Wabigoon Resources company records) interpreted a major fault, though of northwest-southeast strike. Drilling in 1985 at this point cut through sheared and carbonized rock, the shearing having a strike of 015° azimuth and a dip of -45° westward. As the drill core also showed drag, brecciation, slickensiding and mullioning, the conclusion is reached that the earlier interpretation of a fault at this point is correct, that its orientation is as indicated in the drilling, and that it extends, on projection, along the axis of the VLF conductor. It therefore appears that a major fault occurs parallel with, and immediately west of, the similarly striking and dipping ore zones within the Hunter Mine. A genetic relationship may exist between the two.

The Field Strength Map confirms the interpretations presented above and, in addition, shows an area underlying the eastern one-third of the area where a high background in Field Strength may indicate an area underlain by moderately conductive clay. Similarly, strong field responses at the southern extreme of the ground are coincident with a swamp edge at that point.

The VLF Crossover Map shows several conductive zones of probable bedrock origin not mentioned above. A northwest-trending zone in the northeastern part of claim 10451 occurs in an open farmer's field; several weak, north-south zones in claims 12803 and the eastern part of the unnumbered claim are also in open fields, and a weak northeast-trending zone within the boundaries of Porcupine Lake in claim 10272 also occurs. That within the lake may be due to conductive overburden at the lake bottom. The north-south zones may be due to argillageous horizone, or else faults within the sedimentary rocks. That which trends northwest may be due to faulting, as the magnetic contour lines also bend in this direction and some of the magnetic lows in the alteration zone appear to be offset.

GEOLOGICAL SYNTHESIS

For a more detailed understanding of the regional geology of the area the reader is referred to several general reports of the Ontario Geological Survey, notably that by D.R.Pyke (Geology of the Timmins Area, OGS Report 219, 1982) and to a Doctoral thesis by the writer (Geology of the Northern Porcupine, Univ. of London, 1968). These two reports are the only two that are known to the writer of a comprehensive and regional nature. Detailed coverage of Whitney Township is not available except as a series of compilation maps of the Ontario Geological Survey (Maps P9 and P2123).

The Hunter Mine property is sandwiched between two major faults which tren east northeastward. It is probable that these two faults, parallel with each other and both filled with ultramafic rock, are in fact two branches of the same fault, termed the Destor Porcupine Fault, and that the ground between them represents a wedge of rock terminating at depth. The Destor-Porcupine Fault separates two units of Precambrian volcanic and sedimentary deposition termed the Tisdale Group to the north and the Deloro Group to the south. It is not known to which of these two groups the rocks on the Hunter property belong; however, the rocks of the Deloro Group which outcrop immediately to

the south of the property, consisting of sericite schist and siliceous iron formation, are so totally different from the rocks on the property, and the rocks of the Tisdale Group which outcrop some distance to the northwest of the property, consisting of greywackes and argillites, are so similar to the rocks which occur in drill core on the property, that the temptation is very strong to correlate the greywackes and argillites on the Hunter ground with the rocks of the Tisdale Group to the north. This is an important consideration, for there is a tradition in the Timmins area that regards rocks "north of the fault" as potentially gold-bearing, and those south of the Destor Porcupine Fault as less worthwhile. On lithological ground, plus some structural considerations discussed in the 1968 PhD thesis already referred to, the rocks on the Hunter property are tentatively correlated with those of the Tisdale Group and thus belong to those "north of the fault".

The rocks on the property consist mainly of metasedimentary types, notably argillites and greywackes, but other rocks have been noted: in the 1948 drilling, some dacite; on the shore of Porcupine Lake, a metavolcanic riddled with quartz veins, possibly dacite or andesite; in the Hunter Mine workings and in outcrop, quartz feldspar porphyry and chert. These rocks have been deformed into a north-plunging anticline whose limbs strike and dip a) along the shores of the lake and in the Hunter Mine workings, about 015° dipping about 45° to the west, and b) in the eastern part of the property striking nearly north-south and dipping between 40 and 60° east. Cutting across and terminating these rocks both northward and southward, serpentinite bodies which occupy the northeast-trending Destor-Porcupine Fault(s) occur. A dike of diabase with a north northeast strike and nearly vertical dip nearly bisects the property.

Several faults or inferred faults occur in addition to the Destor-Porcupine zones and that filled by the Diabase dike: in the eastern part of the property with a nearly north-south strike, or east northeast strike and essentially vertical offset, the west side having moved downwards, and, in the southwestern part of the ground, a fault with northwest orientation. Within the mine workings several fault systems exist, including one with nearly horizontal orientation.

A major shear and alteration zone, trending a little east of north and dipping about 45° to the west, with a true thickness that is variously estimated at from 300 to 700 feet--the geophysical evidence favoring the latter--is exposed along the shores of Porcupine Lake and in the town of Porcupine as well as in drill hole and mine workings. This zone contains bodies of talc, porphyry, albitite and quartz as well as layers of chert and other rocks thought to be of sedimentary origin, although the chert may in fact be of hydrothermal origin. The alteration consists of massive replacement of material by carbonates, including ankerite, silicification, shearing, pyritization, and the introduction of various elements including boron (as tourmaline) and gold.

It is believed by the writer that this major alteration zone represents the locus of deposition of the gold in the Hunter Mine. Its great horizontal persistency, essentially from one side of the property to the other, and its great apparent width, as indicated in the geophysical surveys and in diamond drilling,combine to indicate the potential for the existence of a similarly persistent and broad gold-bearing zone.

Respectfully submitted,

John L. Kirwan