

520/07SE-0020

LOAD: 16/35mm

DD13



52007SE0012 52007SE0020 CALEY LAKE

010

520/075E

Diamond Drilling

Area Caley Lake

Report NO 13

Work performed by: Moss Resources Ltd.

Claim NO	Hole NO	Footage	Date	Note
PA 570073	BL-C4-1	302	1984	(1)
	BL-C4-2	202	1984	(1)
	BL-C4-3	451	1984	(1)
	BL-C4-4	437	1984	(1)
PA 570074	BL-C4-5	424	1984	(1)
	BL-C4-6	225	1984	(1)
	BL-C4-11	202	1984	(1)
	BL-C4-10	200	1984	(1)
PA 570084	BL-C4-7	207	1984	(1)
	BL-C4-8	200	1984	(1)
PA 570085	BL-C4-9	201	1984	(1)
	BL-C4-13	210	1984	(1)
	BL-C4-18	200	1984	(1)
	BL-C4-17	212	1984	(1)
	BL-C4-16	200	1984	(1)
PA 570077	BL-C4-19	212	1984	(1)
	BL-C4-20	213	1984	(1)
PA 570086	BL-C4-14	201	1984	(1)
	BL-C4-15	200	1984	(1)
PA 570079	BL-C4-12	297	1984	(1)

TOTAL 20 DH 4996

Notes: (1) #16-85



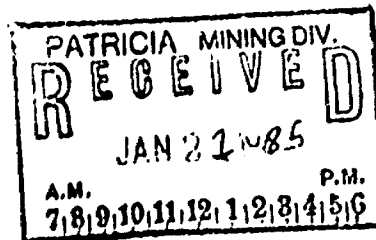
52007SE0012 52007SE0020 CALEY LAKE

020

REPORT OF DRILLING
ON THE BEN LAKE PROPERTY
FOR
MOSS RESOURCES LTD.

AUGUST - OCTOBER

1984



NOV. 25, 1984

JOHN H. ADAMS
GEOCANEX LTD.



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1.0 SUMMARY

A 5,000 foot diamond drilling program was completed on Moss Resources' Ben Lake property following geophysical, geological and geochemical surveying.

The property straddles a major contact which separates dominantly mafic volcanics to the north from dominantly felsic to intermediate pyroclastics to the south. Two prominent bands of iron formation cross the property from west to east near the contact area. These unite and terminate in the east. The magnetic response and bilateral symmetry of the enclosing rocks suggest an antiform plunging to the east and dipping to the south.

Prior to drilling, trenching had outlined 3 gold bearing zones located in the west central part of the property in or near bands of iron formation. Drilling of new geophysical and geological targets in more poorly exposed areas increased the number of showings to seven. However, values obtained from drilling were generally low and holes drilled to test two of the three original showings yielded values lower than those obtained from surface sampling.

In spite of the generally low gold values encountered in the program, the style and extent of mineralization found is significant and further work is warranted.

Three areas in particular merit attention. Zone 4 iron formation at the crest of the "plunging antiform" was tested by two holes 600 feet apart. In one hole, 61 feet of sporadic sampling over a 200-foot interval of iron formation averaged .01 oz/ton gold and in the other an 11-foot interval of iron formation averaged .02 oz/ton gold. Gold mineralization appears to be related to fracture systems carrying iron sulphides. The extent and character of the mineralization suggests these holes may have intersected the upper margins of a possibly economic gold zone.

In Area "G" two holes located 600 feet apart were drilled along an iron formation-cherty tuff horizon. In one hole sporadic sampling over a 144-foot length of core yielded 36.9 feet which averaged .02 oz/ton gold with a maximum included interval of .06 oz/ton over 1.5 feet. In the other hole sporadic sampling over 140-foot length of core yielded 37.5 feet which averaged .012 oz/ton gold.

Area "D" iron formation was tested by two holes 400 feet apart. One encountered .08 oz/ton over 3.6 feet, the other .04 oz/ton over 2.8 feet and .02 oz/ton over 1.5 feet. A strong and still untested I.P. target is located in Area "D" at its eastern end near Zone 4.

For gold mineralization was encountered in 19 of 20 holes drilled. In general, gold mineralization was found to be associated with minute pyrite or pyrrhotite coated fractures and with quartz, quartz-tourmaline, or quartz-calcite veins and veinlets. There is a positive correlation between gold mineralization and sphalerite and chalcopyrite as minute fracture fillings, however the same cannot be said for sparse, disseminated chalcopyrite and arsenopyrite which are widely distributed and rarely associated with gold mineralization. Gold appears to favour iron formation, cherty tuffs and to a lesser extent contacts of quartz feldspar porphyry sills.

Twenty-one additional drill holes are proposed as follow-up to the current drilling and to test new targets defined by fieldwork and geophysics. Five first priority holes totalling 1675 feet comprise a minimal program designed to test the areas of greatest potential. Six second priority holes totalling 2075 feet are for the most part in established gold areas. Some are in first priority areas and are contingent upon the success of first priority drilling; others are in significant gold zones not included in first priority drilling. Ten third priority holes totalling 2950 feet are generally new targets in previously undrilled areas.

2.0 INTRODUCTION

Moss Resources Ltd. has completed a 5000 foot diamond drilling program on its Ben Lake Property near Pickle Lake in Northern Ontario (figure 1). This report describes the results of the program.

Drilling, under management of Geocanex Ltd., was carried out between August 7 and October 28, 1984 and was based on fieldwork described in a separate report (Report of Field Activities on the Ben Lake Property May-June 1984).

The property is adjoined to the west by the Hasaga property of Lac Minerals Ltd, on which 150,000 to 200,000 tons grading .2 ounces of gold per ton have been outlined.

3.0 PROPERTY DESCRIPTION AND ACCESS

The Ben Lake property is comprised of 30 contiguous mining claims in the Patricia Mining District of Northwestern Ontario (figure 2).

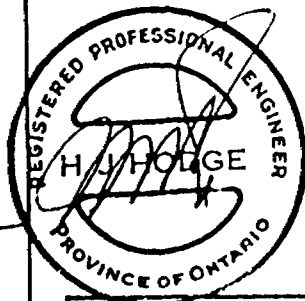
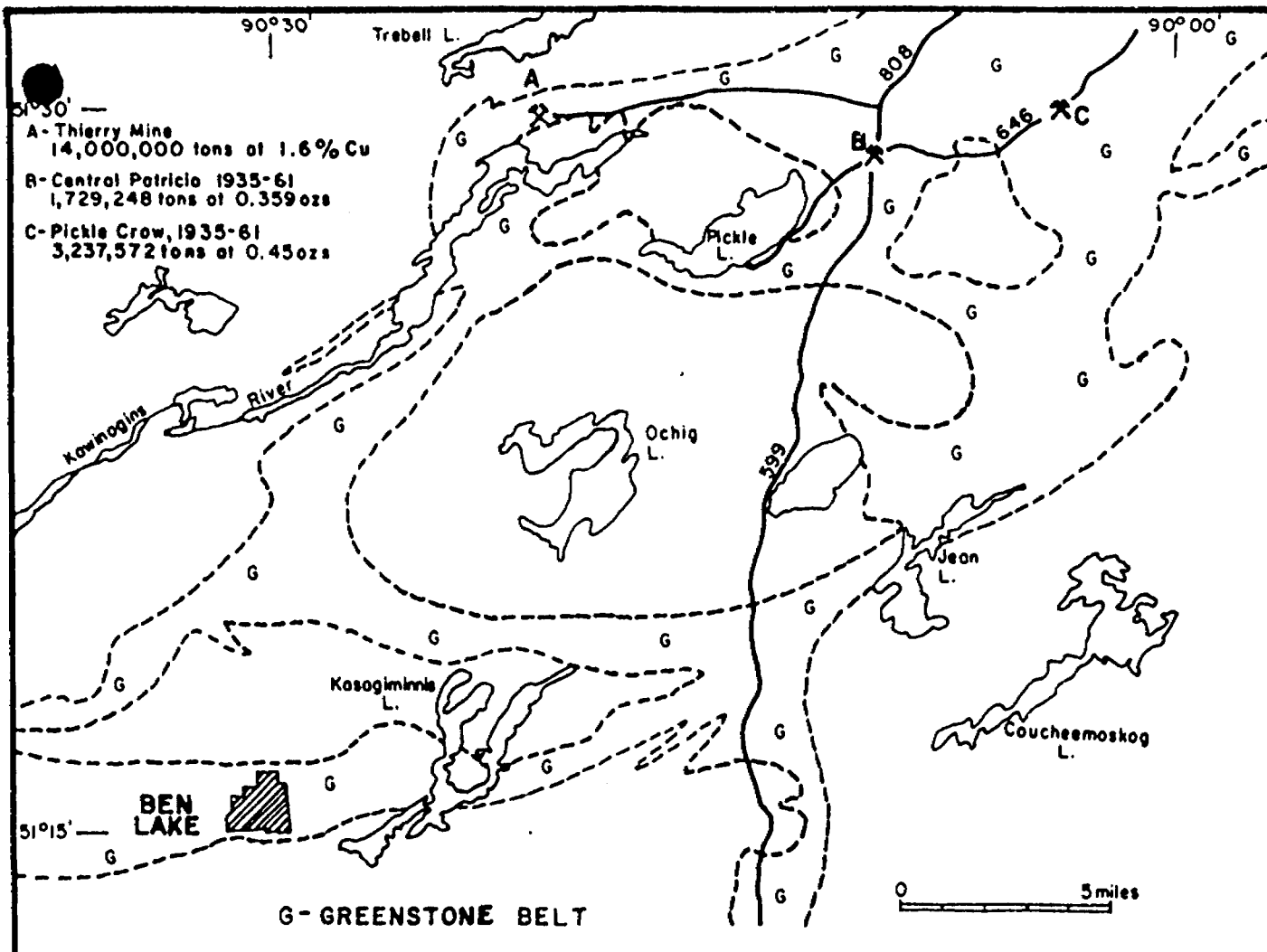
The property is located approximately 22 miles southwest of the town of Pickle Lake and 14 miles west of Highway 599. Highway 599 is a paved road joining Pickle Lake to the town of Ignace on the TransCanada Highway 200 miles to the south.

Access in summer is best attained by float plane from Pickle Lake or by water from Highway 599 via Matapesatakun Bay on Lake St. Joseph, a distance of approximately 30 miles. In winter, access may be gained by ski equipped aircraft from Pickle Lake; or via snowmobile from Highway 599, a distance of 15 miles.

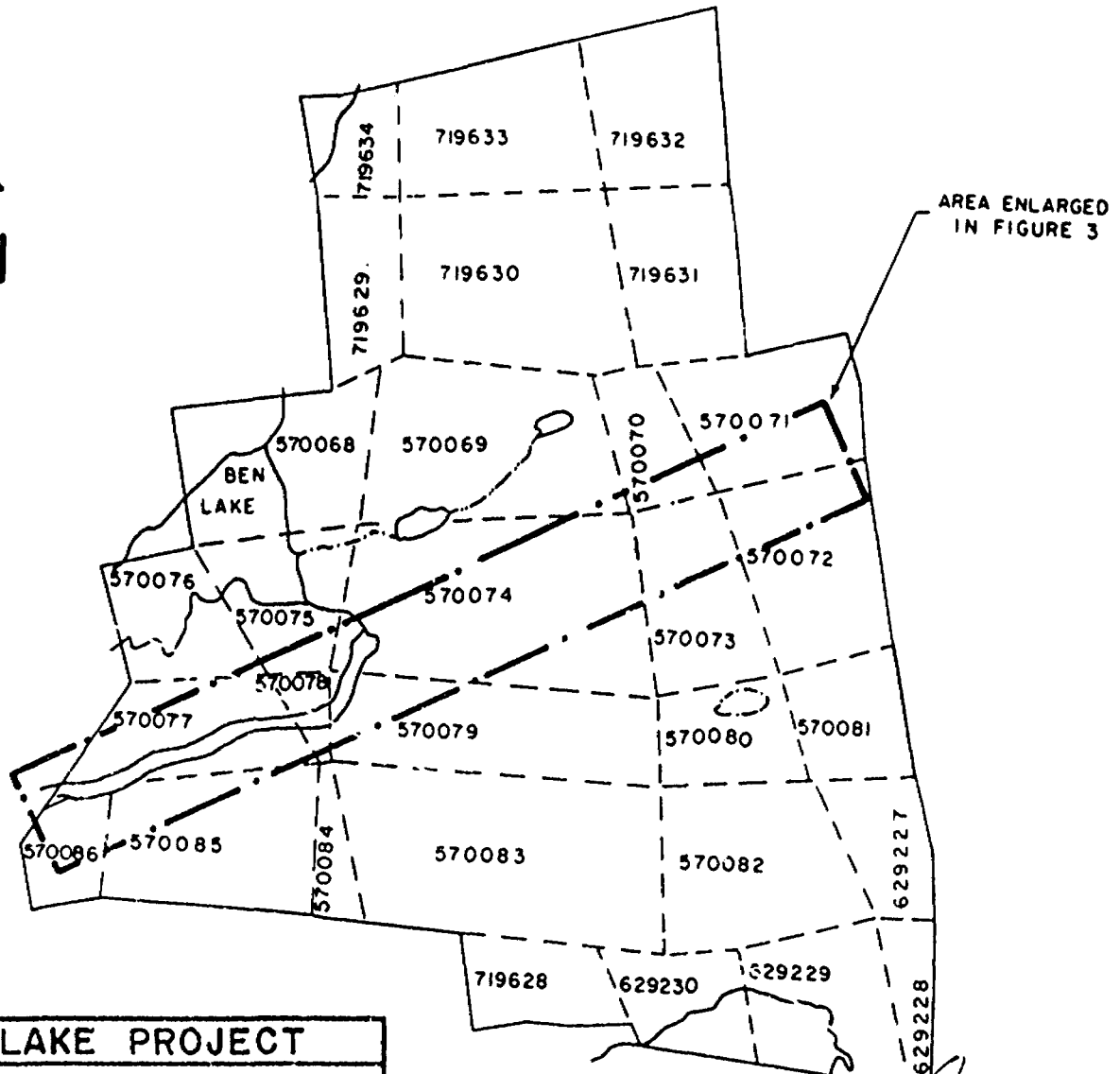
4.0 WORK STATEMENT

4.1 PREVIOUS WORK

In 1954 prospector Ben Ohman discovered gold in iron formation on the property now held by Moss Resources. Trenching by Mr. Ohman in the

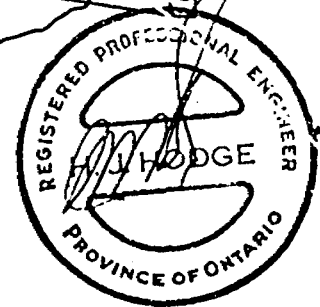


GEOCANEX LTD.	
BEN LAKE AREA LOCATION MAP	
Prepared by: C. von Hesserl Drawn by: R.T. Mercroft Modified by: T. Nickel	Scale: AS SHOWN
Date: NOVEMBER 30, 1984	FIGURE: 1



BEN LAKE PROJECT	
CLAIM MAP	
$1'' = 1600'$	
	BY: T. NICKEL
	DATE: 29/11/84
	SCALE: 1" = 1600'
	DWG. No:
GEOCANEX LTD TORONTO, CANADA	

FIGURE 2



following 10 years resulted in the discovery of gold along 3 bands of iron formation.

In 1963, J. Paxton of Pickle Crow Gold Mines Ltd. sampled several of the trenches and reported values of up to 4.07 ounces gold over 16 inches and 2.86 ounces over 11 inches.

UMEX drilled a hole on an airborne geophysical anomaly in 1973. Iron formation is assumed to have been intersected, however the company apparently did not assay for gold.

In 1982, 493217 Ontario Ltd. conducted VLF-EM and magnetic surveys on the original Ben Lake group of 23 claims. The surveys were by pace and compass with readings taken at 100 foot intervals along lines spaced 400 feet apart. Limited trench sampling was carried out at this time.

Mr. C. Von Hessert prepared a property evaluation report for Moss Resources Ltd. in 1982 and recommended a comprehensive field program followed by diamond drilling.

In the fall and winter of 1983-1984 a grid was established with stations at 100 foot intervals along lines 200 feet apart. A magnetic survey was carried out over the entire grid and a VLF-EM survey was completed over those areas not covered in the 1982 survey. I. P. was run on alternate lines.

In the spring of 1984 Geocanex Ltd. was contracted to manage a field exploration and drilling program for Moss Resources. The field program, based on Mr. Von Hessert's recommendations, was comprised of detailed mapping and sampling of 35 trenches; prospecting and geological mapping of the grid; and humus sampling over selected areas of the property. Results of the field program are covered in a separate report.

4.2 DRILLING PROGRAM

A diamond drilling program, based on the aforementioned field work, was carried out by Kenora Diamond Drilling Ltd. between August 7 and October 25, 1984. A single Boyles BBS-15 drill was used to drill twenty holes totalling 4998 feet. All drilling and support equipment was brought by barge via Lake St. Joseph to within 6 miles of the Ben Lake property. Equipment was then air lifted by helicopter to a base camp on the grid at line 22+00E, 4+00N. Drilling was done on 2 twelve hour shifts. The AQ core was split on site and shipped by air to Custom Fire Assay Ltd. in Cochenour, Ontario.

Casing was recovered where possible, however a total of 258 feet of casing were lost in holes BL-84-1 to BL-84-4. An additional 40 feet of casing was deliberately left in 2 holes which were found to make water. These were BL-84-10 on line 34+00E, 4+68S and BL-84-16 on line 2+00W, 13+03S.

5.0 GEOLOGY

5.1 REGIONAL SETTING

The Ben Lake property lies near the center of the east-west trending Meen-Dempster greenstone belt which immerses from mesozoic cover of the Hudson Bay Lowlands in the east and extends westward to the Red Lake area near the Manitoba border. The central part of the belt, including the Ben Lake area has been mapped at a scale of four miles to the inch by the Ontario Geological Survey (O.G.S. Map 2218). The O.G.S. is currently embarked on a more detailed mapping program in this region.

The belt is characterized by several cycles of vulcanism with intermittent episodes of sediment accumulation. Archean volcanics and sediments in the Ben Lake area are bounded to the north and south by syntectonic to late tectonic granitic plutons. The Kasagiminnis Lake Pluton lies to the north of the northern property boundary and the Carling Granite lies to the south of the southern boundary.

Iron formation is common in this region of the belt and is associated with several significant gold occurrences, the most notable of which are the Central Patricia and Pickle Crow deposits which produced 621,806 and 1,446,214 ounces of gold respectively. Drilling in sediments and volcanoclastics near iron formation on the Hasaga property of Lac Minerals which adjoins the Ben Lake property to the west has outlined 149,000 tons grading .19 ounces per ton gold, and 41,000 tons grading 0.14 ounces per ton gold.

5.2 GEOLOGY OF THE PROPERTY

The geology of the entire Ben Lake property is described in a separate report covering field activities during May and June 1984. A compilation of the geology, drill hole and trench locations, and assay and magnetic highlights for the central portion of the property is shown in figure 3. Following is a brief summary of the known geology.

The property straddles a major contact which separates dominantly mafic volcanics to the north from dominantly felsic to intermediate pyroclastics to the south. Strikes are generally $N65^{\circ}E$ and dips are 70 to $85^{\circ}S$. Tops are to the south. Five gold bearing zones designated zones 1 through 5, have been identified in the figure 3 map area.

Most outcrop on the property lies near the baseline in the central part of the property and expose the previously mentioned contact area and a group of mixed volcanics, volcanoclastics and clastic and chemical sediments. Most significant of the latter are two major parallel bands of oxide facies iron formation which traverse the property from grid west to east. The bands unite in the east to form a single band up to 200 feet in width. The northern and southern bands are designated zones 2 and 3 respectively and the area where the two bands unite is referred to as zone 4. The magnetic expression of this feature suggests the bands may be limbs of an antiform plunging to the east and dipping to the south. A number of narrower and less

continuous bands of iron formation and associated sediments flank the main bands between lines 4+00E and 20+00E.

The area between the two major bands is occupied mainly by mafic volcanics and lesser amounts of mafic intrusives and tuffs. Rare, slightly deformed pillows indicate tops to the south. Subconcordant quartz feldspar porphyry sills up to 8 feet in width are common and have been traced over 500 feet.

The southern band of iron formation is bounded on the south by mafic flows and tuffs which range in thickness from approximately 100 feet in the east to 250 feet at line 16+00E, and a few feet at 18+00W. The southern boundary of this unit is the major contact separating the mafic volcanics to the north from the dominantly felsic and tuffaceous south.

In the western part of the property, rocks immediately south of the contact are characteristically very cherty, felsic to intermediate tuffs and tuffaceous sediments. In the east the tuffs are intermediate in composition and lack chert. In the central part of the property near line 16+00E the tuffs are more intermediate in composition and the proportion of chert high. Two minor bands of iron formation occur in this area which has been designated zone 5.

Rocks immediately north of the main northern band of iron formation are argillaceous and banded siliceous sediments with intermixed tuffs. Thickness of this unit in the western end of the property is unknown; however, in the east, hole BL-84-4 intersected 160 feet of banded siliceous sediments and felsic tuff immediately north of the northern band of iron formation.

A large wedge of coarse grained mafic flows and intermediate to mafic tuffs occurs within the sediments described above. This unit is approximately 300 feet wide in the western end of the property and has been traced on surface as far east as line 20+00E. It appears

to pinch out west of line 38+00E where it occurs as a narrow band of intermediate and mafic tuff in hole BL-84-11.

Between lines 4+00E and 16+00E a band of sediments lies between the northern edge of the wedge of mafic flows and tuffs, and a band of felsic tuffs to the north. Zone number 1 occurs here in argillites and siliceous sediments and wackes.

The major band of metasediments and tuffs north of the main iron formation bands is itself bounded to the north by massive mafic to intermediate flows averaging 500 to 600 feet in width.

5.3 MINERALIZATION, DRILLING RESULTS, AND RECOMMENDATIONS

The May-June 1984 Report of Activities on the Ben Lake Property describes six broad, gold bearing zones and a further two with potential for carrying gold mineralization. Five of these were tested in the current drilling program. Following is a brief description of each of the five zones, and results of drilling and recommendations for further drilling.

5.3.1 ZONE 1

Gold mineralization occurs in and near a 5,400 foot long band of argillaceous and siliceous sediments and minor iron formation which outcrops sporadically between lines 2+00E and 36+00E from 2+00S to 3+00S. East of line 36+00E the zone is covered by bog and the north flank of a large drumlin (figure 3). Several gold showings and a number of anomalous gold values in humus have been found along the length of the zone.

5.3.1.1 AREA "A" ZONE 1

Drill hole number BL-84-19 was drilled on line 8+00E at 4+00S to test the zone between trenches 1-3 (1.054 oz/t. over 1.0') and 1-5 (.295 oz/t. over 1.5') (figure 17). The former lies 15 feet west of the line and the latter 40 feet east of the line.

The zone was intersected at a vertical depth of 75 feet.
Values attained at this depth were:

.06 oz/t over 1.0'
.03 oz/t over 1.8'
.01 oz/t over 1.4'

Both the .06 and .03 oz/ton intervals were in coarse to fine grained amphibole with chlorite, coarse grained garnets, up to 10% pyrrhotite, 2% pyrite and trace to .5% arsenopyrite. Both intervals were enclosed within siliceous banded sediments.

Two significant intercepts were made at shallower depths. The first at 5 feet below surface yielded .04 oz/ton over 3.0 feet in gabbro with .5% pyrite in fractures. The second at vertical depth of 31 feet yielded .04 oz/ton over 2.0 feet in intermediate to mafic tuff with 5% quartz veins and 1% pyrrhotite at contacts. Trace chalcopyrite was noted in the tuff.

Drill hole number BL-84-20 was drilled on line 10+00E at 4+00S to test area "A" between trenches 1-7 and 1-9 which yielded respective values of .107 oz/ton over 1.7 feet and .01 oz/ton over 4.7 feet (figure 18). The trenches lie 55 feet apart at approximately 3-00S. The geology correlated well with hole BL-84-19, however no gold values above trace were encountered.

Results of drilling in area A indicate that gold mineralization encountered in surface trenches in the central and eastern end of the area does not increase in grade or width with depth. The western end of this zone, however, has not been drill tested and the values encountered in hole BL-84-19, although low are significant.

It is recommended that an additional shallow hole be drilled at line 7+00E to test the possible western extension of the mineralization at depth.

5.3.1.2. AREA "B" ZONE 1

Minor gold mineralization was found in siliceous banded metasediments near the eastern end of the property. Zone 1 was intersected in 3 holes in this area. Holes BL-84-6, on line 48+00E and BL-84-3 on line 56+00E intersected 3 feet and 1 foot respectively with .01 oz/ton gold (figures 5 and 4). Both intervals were finely banded siliceous metasediments with narrow quartz veins.

Hole BL-84-4 on line 56+00E encountered .02 oz/ton gold in a similar 2-foot-wide interval with 10% pyrrhotite, 2% quartz-calcite veinlets, and 2% pyrite in fractures (figure 4). The 6-foot interval below this zone contained traces of sphalerite, chalcopryite, and bornite in fractures but assayed trace gold. The 7.7-foot interval immediately below this averaged .014 oz/ton gold in mixed siliceous metasediments and mafic tuffs with 1% pyrite in fractures.

Gold values in holes 3 and 4 appear to be associated with minor quartz veins in siliceous metasediments and do not merit further work. However, the 15.7-foot interval in hole BL-84-4 which carries 1% pyrite and traces of sphalerite, chalcopryite and bornite in fractures represents a different style of mineralization and warrants further investigation as a low-priority target. A 250-foot hole at L-54+00E 4+50E, azimuth of 335° and dip of 45° is recommended if time and budget allows.

5.3.2. ZONE 2

Gold mineralization occurs in and at the contacts of the main northern band of iron formation. The zone is intermittently exposed between lines 6+00W and 20+00E. The zone has been trenched

where exposed and in 4 of 6 trenches sampled, gold values up to .035 oz/ton were returned. All trenches exposed the contact zone of the iron formation and all values obtained were either in the contact zone with sediments to the north or mafic volcanics to the south. No drilling was carried out in the vicinity of the trenches; however two holes were drilled in area "D", west of line 20+00E in the unexposed part of the band.

5.3.2.1 AREA "C" ZONE 2

A narrow band of iron formation located between zones 1 and 2 and bounded by lines 18+00E and 20+00E is exposed in a series of trenches. A value of .10 oz/ton gold over 2 feet was obtained in the easternmost trench from a sample of iron formation near its contact with a quartz feldspar porphyry sill. Abundant pyrite was present in the iron formation. No drilling was carried out in this area.

It is recommended that a 300-foot hole be drilled at line 20+00E at 5+25S (table 1). This hole will test the drift covered eastern extension of the mineralization exposed in the trenches and also serve to test the main Zone 2 iron formation band in this area.

5.3.2.2 AREA "D" ZONE 2

This area, located between lines 32+00E and 40+00E provided the highest assay values in the current drilling program. Two holes were drilled to test strong I.P. and magnetic anomalies in the main, Zone 2, iron formation band. Hole number BL-84-11 on line 38+00E yielded .08 oz/ton over 3.6 feet of typical banded iron formation (figure 10). Hole number BL-84-10 yielded .04 oz/ton gold over 2.8 feet and .02 oz/ton over 1.5 feet of banded argillaceous metasediments within the main northern iron formation band (figure 9). The metasediments contained 5% pyrrhotite.

Gold values encountered in area D are significant and warrant further work. Two drill holes are recommended. One 375-foot hole to be collared at line 38+00E 6+50S and drilled at a dip of 60° to grid north is intended to intersect the mineralized main north band iron formation at a vertical depth of approximately 300 feet or 200 feet below the same intercept in hole BL-84-11. This hole will also test the main Zone 3 band of iron formation at shallow depth.

A second hole collared at line 40+00E 4+20S is designed to test the on strike extension of the gold-bearing horizon intersected in hole BL-84-11 (table 1).

5.3.3 ZONE 3

Gold mineralization occurs in and near the main southern iron formation band. The zone, extending from lines 8+00W to 46+00E, has been explored by 12 trenches and 3 diamond drill holes. The iron formation is narrow and continuous with no evidence of major faulting or folding. Minor anomalies in the magnetic response occur between lines 8+00E and 12+00E and between lines 24+00E and 30+00E. Quartz-feldspar porphyry sills are common. The band is well-exposed in the western end of the property, particularly in the vicinity of Area E, and poorly exposed east of line 16+00E.

5.3.3.1 AREA E ZONE 3

A series of 11 trenches between lines 8+00W and 2+00W expose a 600-foot long gold bearing zone. Gold mineralization occurs dominantly in altered banded iron formation but is also associated with altered biotite schist, limonitic quartz veins and mafic tuff. Considerable pyrrhotite and pyrite occur in several of the trenches. The iron formation tapers in width from 20 feet at line 2+00W to nothing at line 9+00W. It is comprised of banded chert

and magnetite with weak to moderate replacement of magnetite with iron sulphides. Minor bands of argillaceous rock, garnet rich amphibolite and quartz veins with minor sulphide are common within or at the margins of the iron formation. Quartz-feldspar porphyry sills occur in several of the trenches.

Gold mineralization appears to be most commonly associated with iron sulphides in quartz stringers and fractures although in some instances gold occurs in apparently unaltered, sulphide poor iron formation and the enclosing mafic flows and tuffs. The best gold value of .295 oz/ton over 1.5 feet was obtained in the westernmost trench (#3-1). Trenches 3-4 and 3-5 located between lines 6+00W and 7+00W yielded .16 oz/ton over 5 feet and .102 oz/ton over 1.5 feet respectively. Values in other trenches averaged between .01 and .04 oz/ton gold.

Two shallow holes were drilled to test Area "E" mineralization. Hole number BL-84-14 was drilled on line 6+00W 11-50S to test mineralization between trench 3-5 which yielded .102 oz/ton gold over 1.5 feet and trench 3-6 which yielded .01 oz/ton over 8 feet (figure 12).

Thirteen feet of iron formation were intersected at a vertical depth of 105 feet. The iron formation contained 10 to 15% pyrrhotite, traces of sphalerite in fractures and traces of disseminated arsenopyrite and chalcopyrite. The only gold value obtained from the iron formation was a 2-foot interval which yielded .01 oz/ton. However, a 5-foot interval in mafic flows at the lower contact of the iron formation yielded .02 oz/ton gold. This interval contained traces of chalcopyrite and sphalerite and minor quartz-calcite stringers.

Drill hole BL-84-15 was drilled at 7+10W 11+64S (figure 13) to test mineralization at depth between trench 3-2

which yielded .024 oz/ton gold over 6.4 feet and trench 3-3 which yielded .127 oz/ton over .7 feet and .012 oz/ton over 2.8 feet. Thirteen feet of iron formation was intersected at a depth of 108 feet. Two narrow intervals of graphitic sediment with 10% iron sulphides at the southern contact of the iron formation yielded .01 oz/ton gold. A value of .01 oz/ton over 5 feet was encountered in banded iron formation and minor argillaceous metasediments with 10% pyrrhotite and traces of arsenopyrite and chalcopyrite.

The best value of .02 oz/ton gold over 5 feet occurred in mafic flows near the northern contact of the iron formation. The intercept correlates with a similar interval in hole BL-84-14. Trace to .5% chalcopyrite occurs in disseminated blebs and in quartz calcite stringers.

Results of drilling in Area E indicate that, where tested, gold mineralization does not increase with depth. The area, however, is open to the east and warrants a short hole. This should be drilled on line 2+00W to intersect at depth the mineralized zone indicated by trench 3-11 (.04 oz/ton gold over 2.6 feet and .015 oz/ton over 2.8 feet).

5.3.3.2 AREA "F" ZONE 3

Hole number BL-84-12 was drilled at line 28+00E to test the Zone 3 iron formation, in this area of more complex VLF and magnetic responses (figure 11). The iron formation, intersected at a vertical depth of 125 feet was 6 feet in width. A 5-foot sample of this interval yielded .01 oz/ton gold. The sample contained typical banded iron formation with 1 to 3% iron sulphides and trace chalcopyrite. Minor gold values were also encountered in mafic volcanics with quartz and quartz calcite veins.

There was no evidence of faulting or folding in this hole and the gold values are insufficient to merit further drilling in the immediate vicinity; however, an additional, short hole on line 24+00E is warranted. This hole will test an area with exposed and folded iron formation and possible faulting as indicated by truncated VLF conductors.

5.3.4 ZONE 4

Minor but widespread gold mineralization was encountered in drilling in iron formation at the crest of the plunging antiform. The zone, extending from line 46+00E to 64+00E, is entirely covered by a large drumlin. The feature, defined by very strong magnetic chargeability and VLF responses was intersected by two drill holes. The iron formation tapers from a thickness of 212 feet on line 48+00E to 132 feet at line 56+00E and apparently continues to thin to the east.

In hole number BL-84-3 on line 56+00E an 11-foot interval of iron formation ran .02 oz/ton with a maximum included value of .03 oz/ton over 3.0 feet (figure 4). The intercept occurred at a vertical depth of 195 feet.

- * Hole number BL-84-5 located 600 feet west of BL-84-3 intersected 212 feet of banded iron formation with an included 200 foot interval in which 61 feet of sporadic sampling yielded an average of .01 oz/ton gold (figure 5). The interval includes an 8.3 foot zone at a vertical depth of 175 feet which averaged .02 oz/ton gold. The iron formation in hole BL-84-5 contains up to 2% subconcordant quartz-feldspar porphyry sills. These are apparently barren. Gold mineralization appears to be related to pyrite and pyrrhotite in minute fractures. In hole BL-84-5 the best value of .03 oz/ton gold over 3 feet was from a zone of folded iron formation cut by a .25 inch, pyrrhotite filled, fracture at 2° to the core axis. Pyrrhotite in the fracture had selectively replaced parts of the magnetite bands and left intervening chert bands unaltered. Although traces of chalcopyrite and arsenopyrite

were present there is no apparent relationship between these minerals and gold.

Although gold values in holes BL-84-3 and 5 are low; the widths, distribution and mode of occurrence are significant. The mineralization encountered here may represent the upper portions of a possibly economic gold zone. Three holes are recommended. The first should be drilled on line 48+00E 9+40S to intersect the mineralized zone at a depth of 400 feet (table 1). Similar holes on lines 52+00E and 56+00E should be contingent upon results from the first hole.

5.3.5 ZONE 5

Gold mineralization has been encountered in a band of cherty felsic to intermediate tuff and sediments with minor bands of iron formation. The zone is sporadically exposed between lines 10+00W and 20+00E. The zone was tested by 6 diamond drill holes in 2 areas.

5.3.5.1 AREA "E" ZONE 5

Extremely limonitic and sericitic cherty tuffs are exposed between lines 2+00W and 10+00W. Surface chip samples showed only trace gold. Holes BL-84-14 and 15 were planned to test this zone in addition to the primary Zone 3 target. Hole BL-84-16 was drilled to test for possible on strike extensions of the Hasaga mineralization.

BL-84-15 intersected 12 feet yielding .01 oz/ton gold. This is the apparent down dip extension of a 13.6 foot limonitic zone on surface which yielded trace gold. The 12 foot intercept is characterized by 1 to 10% pyrrhotite and pyrite in fractures and by quartz veins and veinlets. A similar zone at greater depth yielded .01 oz/ton over 4.5 feet.

Hole number BL-84-14 on line 6+00W intersected a 4.5 foot quartz vein with large felsic tuff inclusions which assayed .01 oz/ton gold. A second interval yielding .01 oz/ton was a 5 foot zone of felsic tuff with 2% pyrrhotite in fractures and as disseminations.

BL-84-16 on line 2+00W intersected 10 feet of felsic tuff yielding .01 oz/ton gold (figure 14). The interval contains 1 to 2% pyrrhotite and traces of arsenopyrite. A second interval yielding .01 oz/ton is a 4.7 foot zone of felsic tuff with numerous quartz veins.

This zone does not warrant further independent drilling, however the proposed hole at line 2+00W (sec. 5.3.3.1) is planned to test Zone 5 as well as Zone 3.

5.3.5.2 AREA "G" ZONE 5

Three holes were drilled to test this area of felsic to intermediate tuffs and iron formation. Surface exploration resulted in the discovery of minor gold values in outcrop and significant gold values in humus in an area of abundant quartz-tourmaline veining, and sheared and limonitic tuff.

BL-84-8 was drilled to test a narrow band of iron formation with a short strike length (figure 7). Intersected at a depth of 64 feet, the iron formation was found to be 24 feet wide. A five-foot interval which assayed .01 oz/ton gold contained 11% iron sulphide and trace chalcopyrite. A similar interval in intermediate tuff assayed .01 oz/ton over 5 feet.

Of greater significance is an 18-foot interval in mafic and intermediate tuffs which averaged .01 oz/ton gold. This zone was typified by minor tourmaline in narrow quartz veins, traces of chalcopyrite, and pyrite and pyrrhotite as fracture fillings.

A fourth interval which averaged .015 oz/ton over 6 feet in argillaceous and tuffaceous metasediments contained 4% pyrrhotite, 2% arsenopyrite and narrow quartz veins.

Drill hole BL-84-9 was drilled 600 feet to the west to test the possible on strike extension of the iron formation encountered in hole BL-84-8. The magnetic response showed that the magnetite content was low in this area. Drilling confirmed that the iron formation grades into a very cherty felsic tuff. Gold values in this hole were among the best encountered in the program. Four Significant intervals are summarized as follows:

INTERVAL	GRADE (OZ/TON GOLD)	FOOTAGE	DESCRIPTION
1	.017 over 11 ft.	34.0 - 45.0	Cherty tuff with 4% py. dissem. in frags.
2	.019 over 7.1 ft.	68.5 - 75.6	Mafic tuff with 6% po, dissem. & in frags.; quartz veinlets
3	.02 over 1.0 ft.	137.5 - 138.5	Mafic tuff with 10% po; tr. cpy.
	.06 over 1.5 ft.	140.1 - 141.6	Intermediate to felsic tuff; vuggy, silicified, 18% sulphides, quartz veinlets
4	.02 over 5.0 ft.	173.0 - 178.0	Cherty tuff with 1% po.

The two values from the third interval occur at the contacts of a barren, 1.6-foot-wide quartz-feldspar porphyry sill, thus opening the possibility that the contact zones have acted as favourable conduits for mineralizing fluids.

Although low in absolute terms the widths and numbers of gold intercepts make this area worthy of further work.

BL-84-13 was drilled to test a number of promising surface bedrock features (figure 8). Subconcordant quartz-tourmaline vein systems in cherty felsic tuffs occur in outcrops

between lines 10+00E and 12+00E at approximately 13+00S. Low gold values were found in grab samples from these veins. A concordant, strongly sheared, limonitic zone in cherty felsic tuff was found at the edge of a bog at 12+25S.

Drilling in BL-84-13 yielded values of .01 oz/ton gold over 5.0 feet under the quartz tourmaline veins exposed on surface and .01 oz/ton over 4.0 feet under the sheared and limonitic zone. Results do not warrant follow-up.

Drilling results for holes BL-84-8 and 9 indicate potential for significant gold mineralization. Three additional holes are recommended (table 1). The first two, to be collared 200 feet east and west of BL-84-9 at 15+00S, will test on strike extensions of the zone. The third hole; to be drilled only if warranted by the results of the first two holes, will test the hole 9 horizons at depth.

5.3.6 HASAGA EXTENSION

A series of 6 holes were drilled to test on strike extensions of the zone which hosts the Hasaga mineralization. This area is entirely drift-covered on the Ben Lake property and as accurately as can be determined from available data extends some 600 feet south of zone 5. All six holes were spotted on subtle geophysical targets.

Holes BL-84-16, 17 and 18 were spotted in the western end of the property on weak magnetic, I.P. and VLF anomalies thought to be related to sulphide bearing Hasaga type mineralization (figures 14, 15, and 16). Minor gold values were encountered in all three holes. Values of up to .02 oz/ton gold were generally associated with quartz and quartz calcite veinlets. Sparse disseminated arsenopyrite was common but not generally associated with elevated gold values. Drilling helped define the southern

boundary of the Zone 5 tuffs and sediments and subdivided the zone to the south into one dominated by intermediate and mafic tuffs and another dominated by felsic tuffs and flows.

No further work is recommended in this vicinity.

Hole BL-84-7 was drilled to test weak I.P. and magnetic anomalies (figure 6). The drill encountered a series of argillaceous tuffs which yielded sporadic values of up to .02 oz/ton gold over narrow widths. Values occurred in samples containing quartz calcite veins on biotite rich bands with abundant pyrrhotite.

No further work is recommended in this area.

Holes BL-84-1 and 2 were drilled as part of a 4-hole fence to test the main Zone 4 iron formation band and adjacent horizons. Both holes intersected minor gold mineralization in intermediate volcanics and tuffs.

In hole BL-84-1 the most significant value was .01 oz/ton gold over 7.7 feet. This zone averaged 6% pyrrhotite in strongly carbonated intermediate tuff. Narrower zones with up to .02 oz/ton gold were typified by pyrrhotite in fractures and iron sulphides in quartz calcite stringers.

Hole BL-84-2 intersected 9.5 feet of intermediate tuff averaging .017 oz/ton gold. The zone was typified by 8% pyrrhotite, 2% magnetite, traces of chalcopryite and minor quartz veins.

No further work is recommended in this area.

TABLE 1: RECOMMENDED ADDITIONAL DRILLING

PRIORITY*	AREA	ZONE	LOCATION	AZIMUTH	DIP	APPROX. DEPTH	TARGET
2	A	1	L7-00E 4-00S	335	45	200'	Western extension of Area "A" mineralization
3	B	1	L54-00E 4-50E	335	45	250'	Western extension of a 15.7' mineralized interval in BL-84-4
2	C	2	L20-00E 5-25S	335	45	300'	a) Eastern extension of a horizon which yielded .1 oz/ton gold over 2'; b) Zone 2 iron formation
1	D	2	L38-00E 6-50S	335	60	375'	a) Mineralized horizon 200' below same intercept in BL-84-11; b) Zone 3 iron formation
1	D	2	L40-00E 4-20S	335	45	200'	Eastern extension of mineralized horizon encountered in BL-84-11
2	E	3	L2-00W 11-50S	335	45	200'	a) Eastern extension of Area "E" mineralization. b) Zone 5 cherty tuffs
3	F	3	L24-00E 8-50S	335	45	200'	Folded and possibly faulted iron formation
1	-	4	L48-00E 9-40S	335	55	700'	Mineralized horizon below intercept in BL-84-5
2	-	4	L52-00E 10-60S	335	55	675'	Mineralized horizon between holes BL-84-3 and 5
3	-	4	L56-00E 10-00S	335	55	700'	Mineralized horizon below the intercept in BL-84-3
1	G	5	L10-00E 15-00S	335	45	200'	Western extension of mineralized horizon in hole BL-84-9
1	G	5	L14-00E 15-00S	335	45	200'	Eastern extension of mineralized horizon in hole BL-84-9
2	G	5	L12-00E 17-00S	335	50	500'	Mineralized horizon below intercepts in BL-84-9
3	-	6	L16-00E 2-00N	335	45	200'	Felsic volcanics with good I.P. response and 82 ppb Au in in humus
2	-	6	L32-00E 1-50N	335	45	200'	Felsic volcanics with minor gold values in quartz-tourmaline veins (.035 oz/Ton), good I.P. response
3	-	-	L44-00E 10-00N	335	45	200'	Chargeability high, 102 ppb Au in humus, abundant quartz-feldspar porphyry sills in andesite
3	-	-	L68-00E 16-20N	335	45	350'	Iron formation; chargeability high
3	-	-	L44-00E 27-50N	335	45	200'	Magnetic high in a cluster of minor gold in humus highs
3	-	-	L22-00E 5-50S	335	45	450'	3 targets: a) Zone 2 iron formation; b) Eastern extension of Area "C"; c) Eastern extension of Zone 1 Area "A" mineralization
3	-	-	L10-00E 6-60N	335	45	200'	Zone 2 iron formation
3	-	-	L56-00E 46-00S	335	45	200'	Altered felsic and intermediate tuffs; magnetic high

*Priority 1 - total footage 1675'

*Priority 2 - total footage 2075'

*Priority 3 - total footage 2950'

REFERENCES

- 1). Assessment Files - Ontario Geological Survey, Sioux Lookout, Ontario.
- 2). von Hessert, C. - 1983. Report to Moss Resources Ltd. on the Bancroft (Ben) Lake Property, Patricia Mining District, Ontario.
- 3). Hodge, H.J. - 1981. Exploration Proposal Hasaga Gold Prospect Ben Lake - Pickle Lake Area Ontario.
- 4). Hodge, H.J. - 1982. Report on VLF, EM and Magnetic Surveys Bancroft Lake Property of 493217 Ontario Ltd.
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- 6). Kieley, J.W. - 1984. Report to Moss Resources Ltd. on the Geophysical Surveys at their Ben Lake Property, Patricia Mining District, Ontario.
- 7). Map 2218 - Cat Lake-Pickle Lake, Geological Compilation Series, Scale 1 inch 4 miles, Ontario Geological Survey.
- 8). MRC No. 13 - Gold Deposits of Ontario, Ministry of Natural Resources of Ontario, 1971.
- 9). Paxton, J. - 1963. Field Report, Ben Lake Showings, Private Report. Pickle Crow Mines (Map on file at O.G.S. assessment files).

C E R T I F I C A T E

THIS IS TO CERTIFY THAT:

I have been a resident of Osgoode, province of Ontario, since 1976.

I have been engaged in mining exploration since 1971 and have been a consulting and contracting geologist since 1979.

I am a graduate of Carleton University (B.Sc. 1971) in Geology.

I am a Fellow of the Geological Association of Canada and also a member of the Canadian Institute of Mining and Metallurgy, of the Quebec Prospectors Association, of the Association of Exploration Geochemists and of the Prospectors and Developers Association.

I have worked intermittently in northern Ontario since 1979 and spent six months working on the Ben Lake Project of Moss Resources.

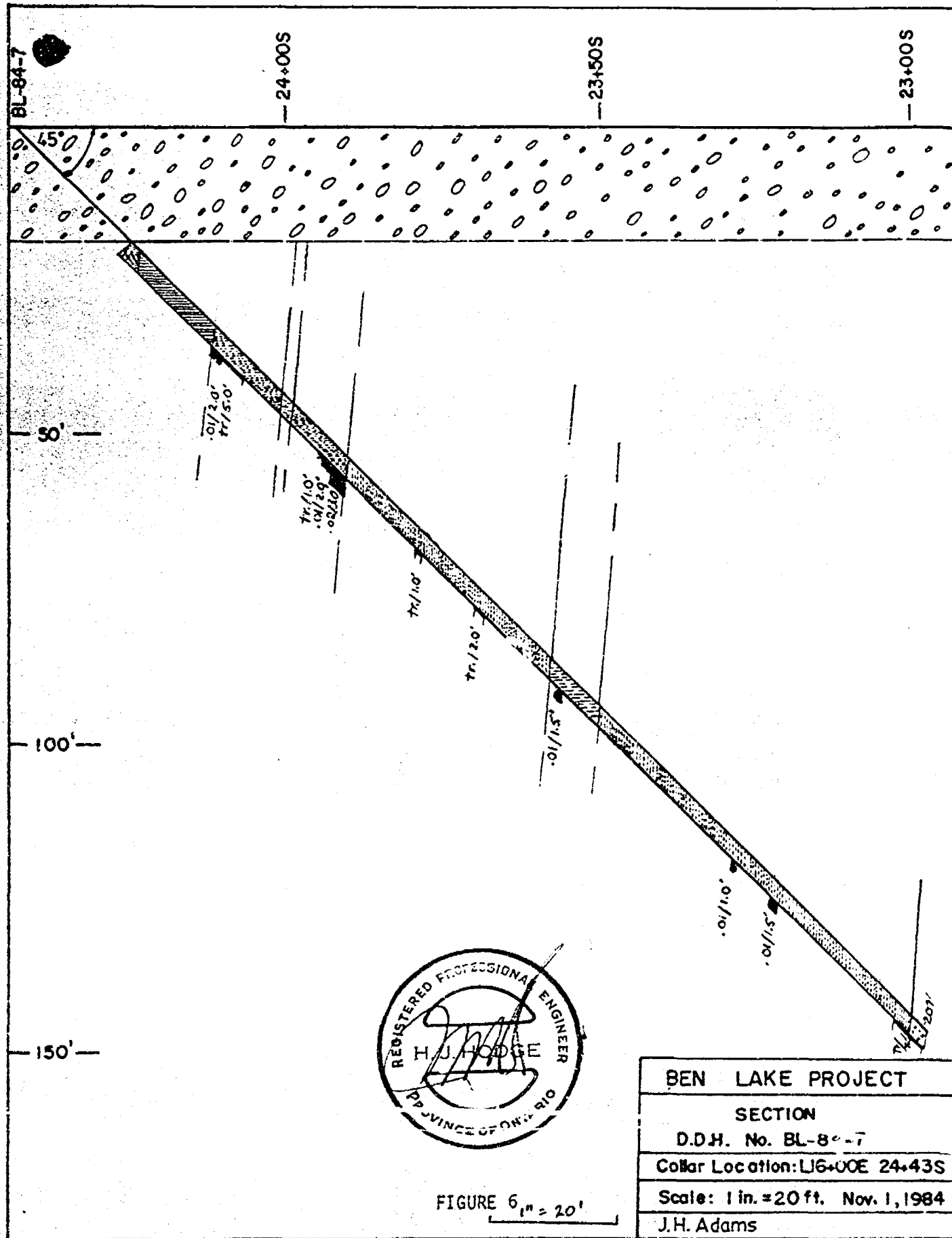
This report is based on the author's 13 years experience in exploration, on a comprehensive study of all the assessment work records and on geological maps and reports published for the area of interest by the Ontario Department of Natural Resources and by the Geological Survey of Canada.

I have disclosed in this report all relevant material which, to the best of my knowledge, might have a bearing on the viability of the project or the recommendations.

January 4, 1985.

John H. Adams
Geologist
Osgoode, Ontario



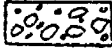




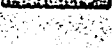

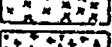


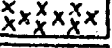
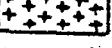


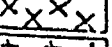
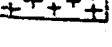




BEN LAKE PROJECT
SECTION
D.D.H. No. BL-84-7
Collar Location: UG+00E 24+43S
Scale: 1 in. = 20 ft. Nov. 1, 1984
J.H. Adams

FIGURE 6, 1" = 20'

TABLE 2

LEGEND - For Drill Sections - Ben Lake Drill Program 1984

-  OVERBURDEN
-  QUARTZ VEINS
-  BANDED IRON FORMATION
-  GREYWACKE
-  ARGILLACEOUS METASEDIMENTS + GRAPHITE
-  ARGILLACEOUS + TUFFACEOUS METASEDIMENTS
-  FELSIC TUFF
-  FELSIC INTRUSIVE - SILL
-  FELSIC FLOW
-  INTERMEDIATE TUFF
-  INTERMEDIATE INTRUSIVE - SILL
-  INTERMEDIATE FLOW
-  MAFIC TUFF WITH ARGILLACEOUS INTERBEDS
-  MAFIC TUFF
-  MAFIC INTRUSIVE - GABBRO, DIABASE
-  MAFIC FLOW
-  GROUND MAGNETOMETER READING -
scintrex - MF-2
magnetometer valves in gammas
-  VLF conductor - EM-16

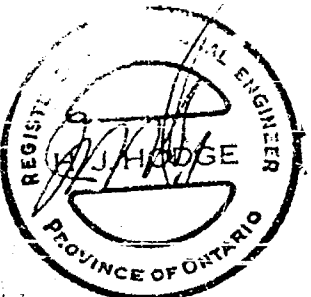
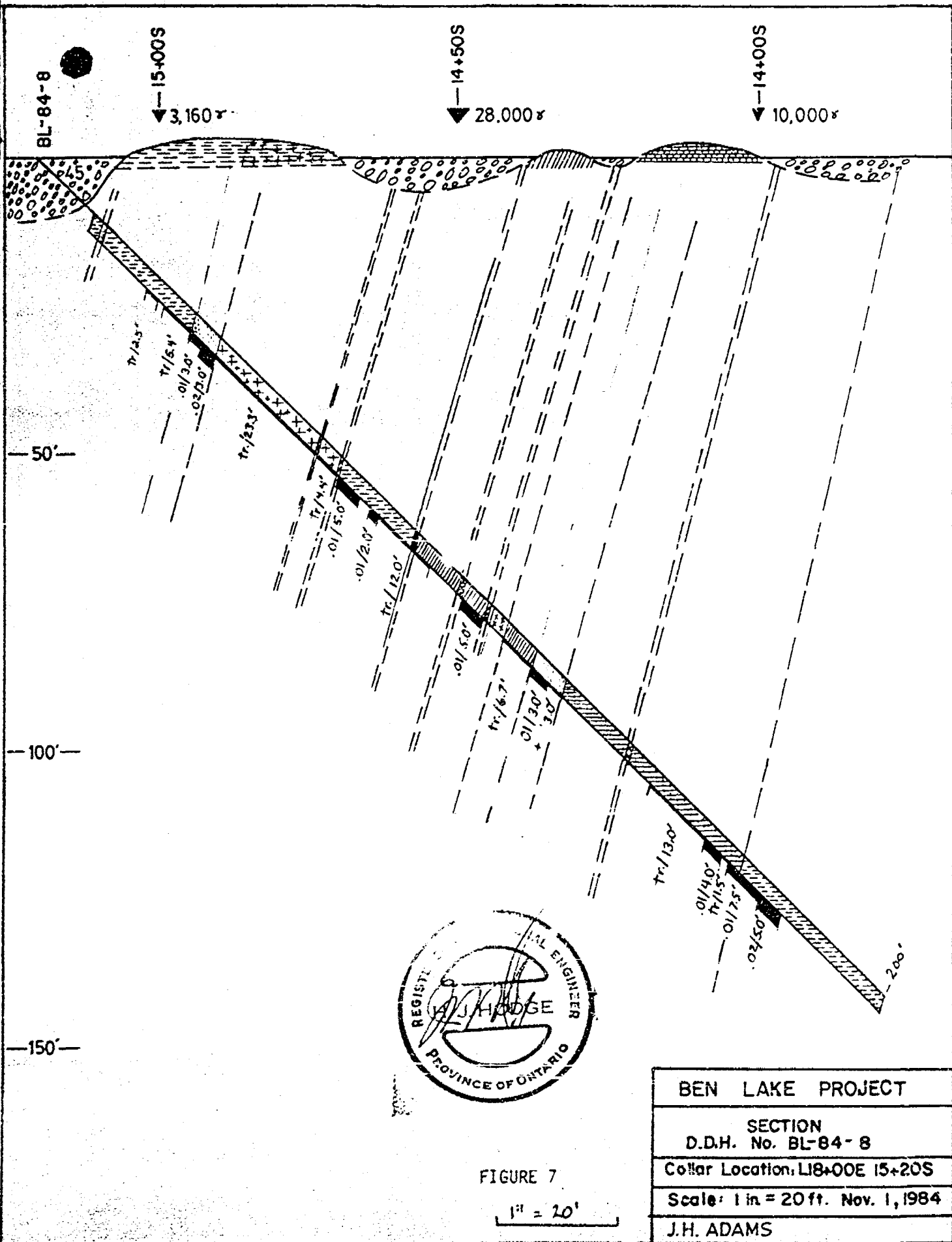


FIGURE 7

1" = 20'

BEN LAKE PROJECT
SECTION
D.D.H. No. BL-84-8
Collar Location: 14+00E 15+20S
Scale: 1 in = 20 ft. Nov. 1, 1984
J.H. ADAMS

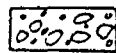



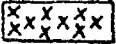

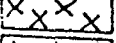
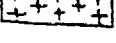



TABLE 2

LEGEND - For Drill Sections - Ben Lake Drill Program 1984

- OVERBURDEN
- QUARTZ VEINS
- BANDED IRON FORMATION
- GREYWACKE
- ARGILLACEOUS METASEDIMENTS + GRAPHITE
- ARGILLACEOUS + TUFFACEOUS METASEDIMENTS
- FELSIC TUFF
- FELSIC INTRUSIVE - SILL
- FELSIC FLOW
- INTERMEDIATE TUFF
- INTERMEDIATE INTRUSIVE - SILL
- INTERMEDIATE FLOW
- MAFIC TUFF WITH ARGILLACEOUS INTERBEDS
- MAFIC TUFF
- MAFIC INTRUSIVE - GABBRO, DIABASE
- MAFIC FLOW
- GROUND MAGNETOMETER READING - scintrex - MF-2 magnetometer valves in gammas VLF conductor - EM-16

TABLE 2

LEGEND - For Drill Sections - Ben Lake Drill Program 1984

-  OVERBURDEN
-  QUARTZ VEINS
-  BANDED IRON FORMATION
-  GREYWACKE
-  ARGILLACEOUS METASEDIMENTS + GRAPHITE
-  ARGILLACEOUS + TUFFACEOUS METASEDIMENTS
-  FELSIC TUFF
-  FELSIC INTRUSIVE - SILL
-  FELSIC FLOW
-  INTERMEDIATE TUFF
-  INTERMEDIATE INTRUSIVE - SILL
-  INTERMEDIATE FLOW
-  MAFIC TUFF WITH ARGILLACEOUS INTERBEDS
-  MAFIC TUFF
-  MAFIC INTRUSIVE - GABBRO, DIABASE
-  MAFIC FLOW
-  GROUND MAGNETOMETER READING -
scintrex - MF-2
-  magnetometer valves in gammas
-  VLF conductor - EM-16

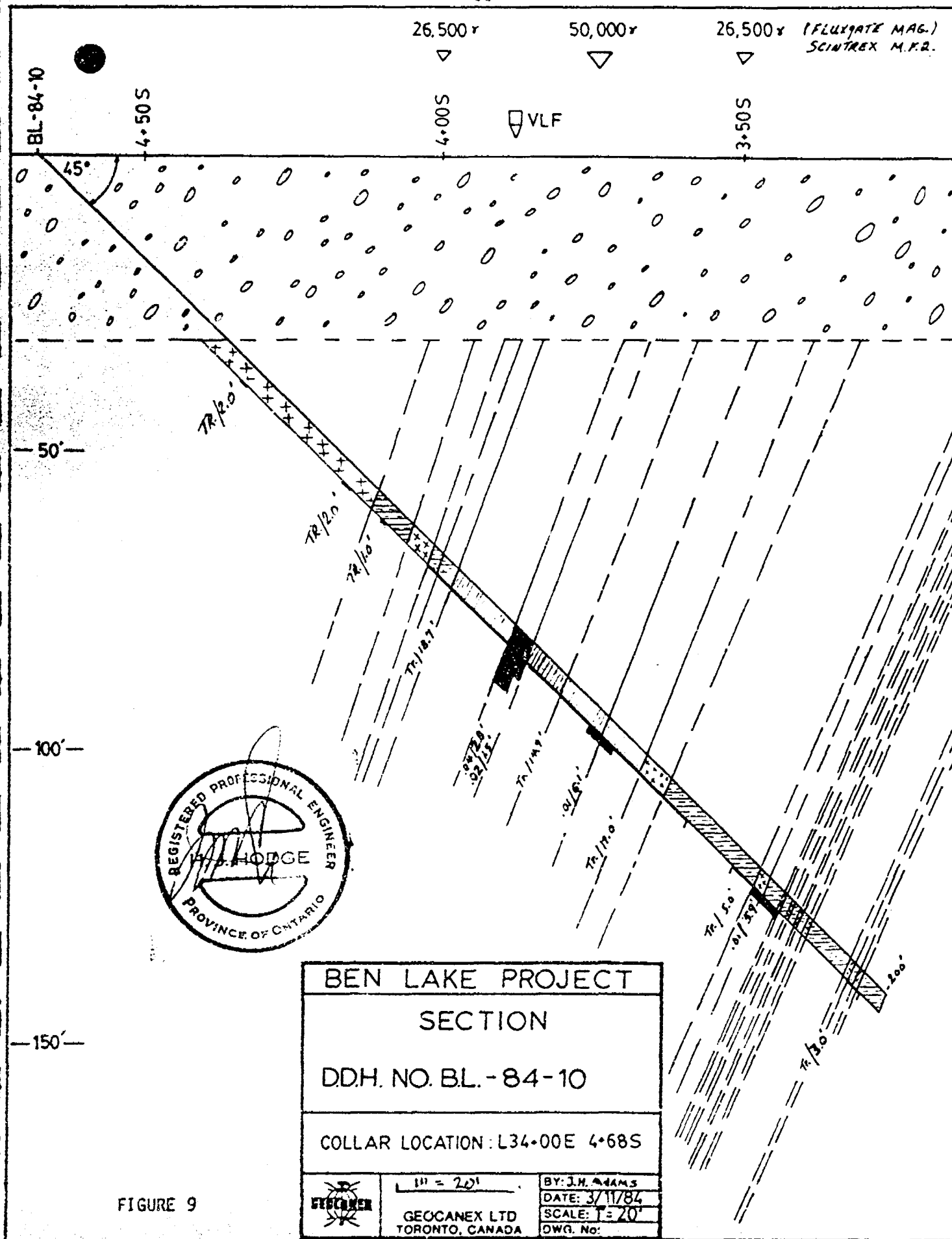



FIGURE 9



BEN LAKE PROJECT	
SECTION	
DD.H. NO. BL.-84-10	
COLLAR LOCATION: L34-00E 4-68S	
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BY: J.H. ADAMS DATE: 3/11/84 SCALE: 1" = 20' DWG. No:	

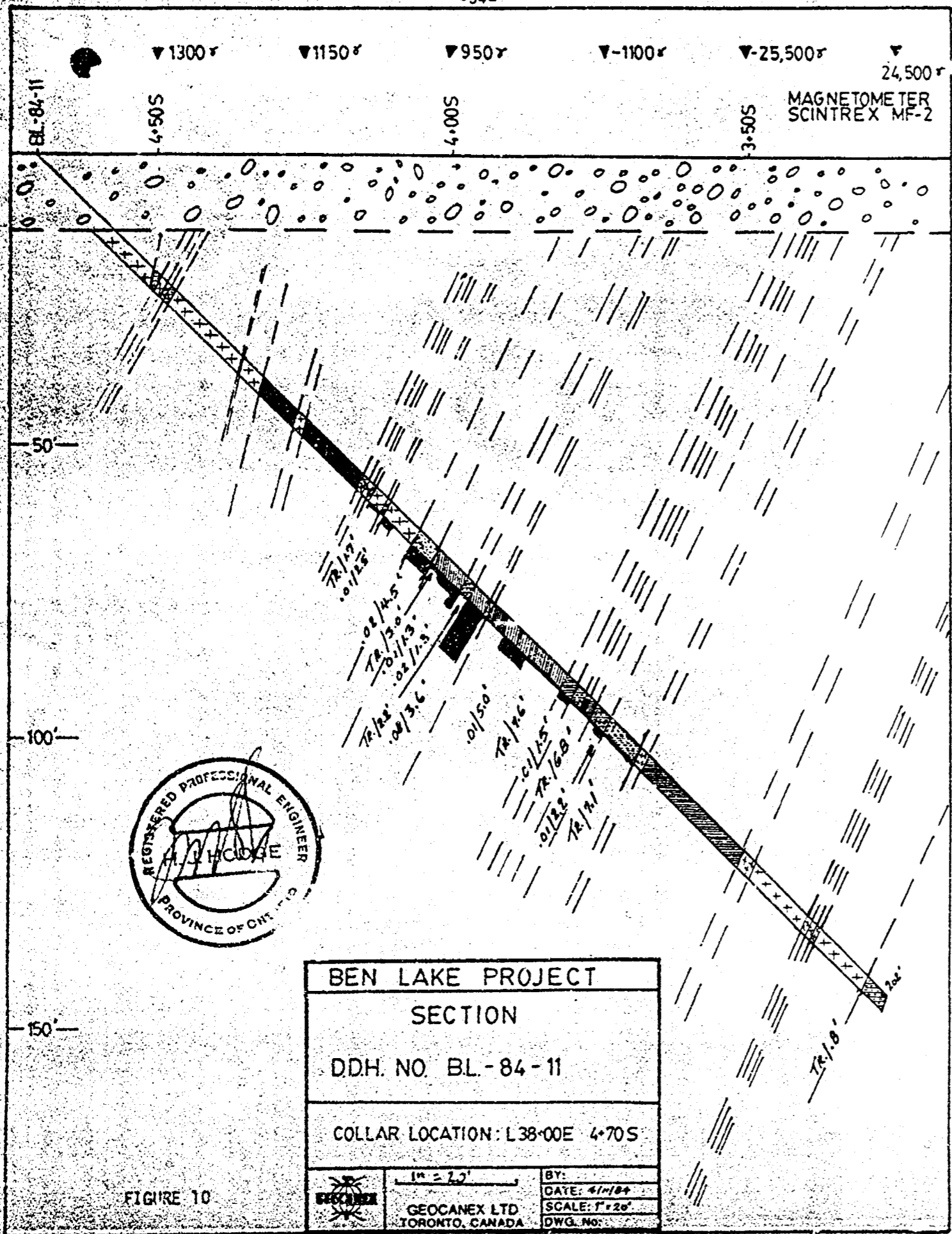
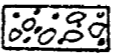
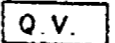



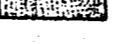

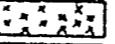


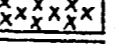
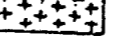


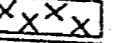
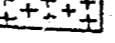


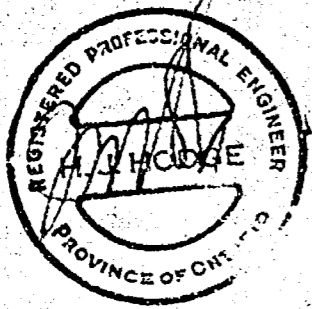


TABLE 2

LEGEND - For Drill Sections - Ben Lake Drill Program 1984

-  OVERBURDEN
-  QUARTZ VEINS
-  BANDED IRON FORMATION
-  GREYWACKE
-  ARGILLACEOUS METASEDIMENTS + GRAPHITE
-  ARGILLACEOUS + TUFFACEOUS METASEDIMENTS
-  FELSIC TUFF
-  FELSIC INTRUSIVE - SILL
-  FELSIC FLOW
-  INTERMEDIATE TUFF
-  INTERMEDIATE INTRUSIVE - SILL
-  INTERMEDIATE FLOW
-  MAFIC TUFF WITH ARGILLACEOUS INTERBEDS
-  MAFIC TUFF
-  MAFIC INTRUSIVE - GABBRO, DIABASE
-  MAFIC FLOW
-  GROUND MAGNETOMETER READING -
scintrex - MF-2
magnetometer valves in gammas
-  VLF conductor - EM-16

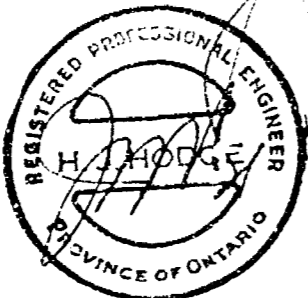
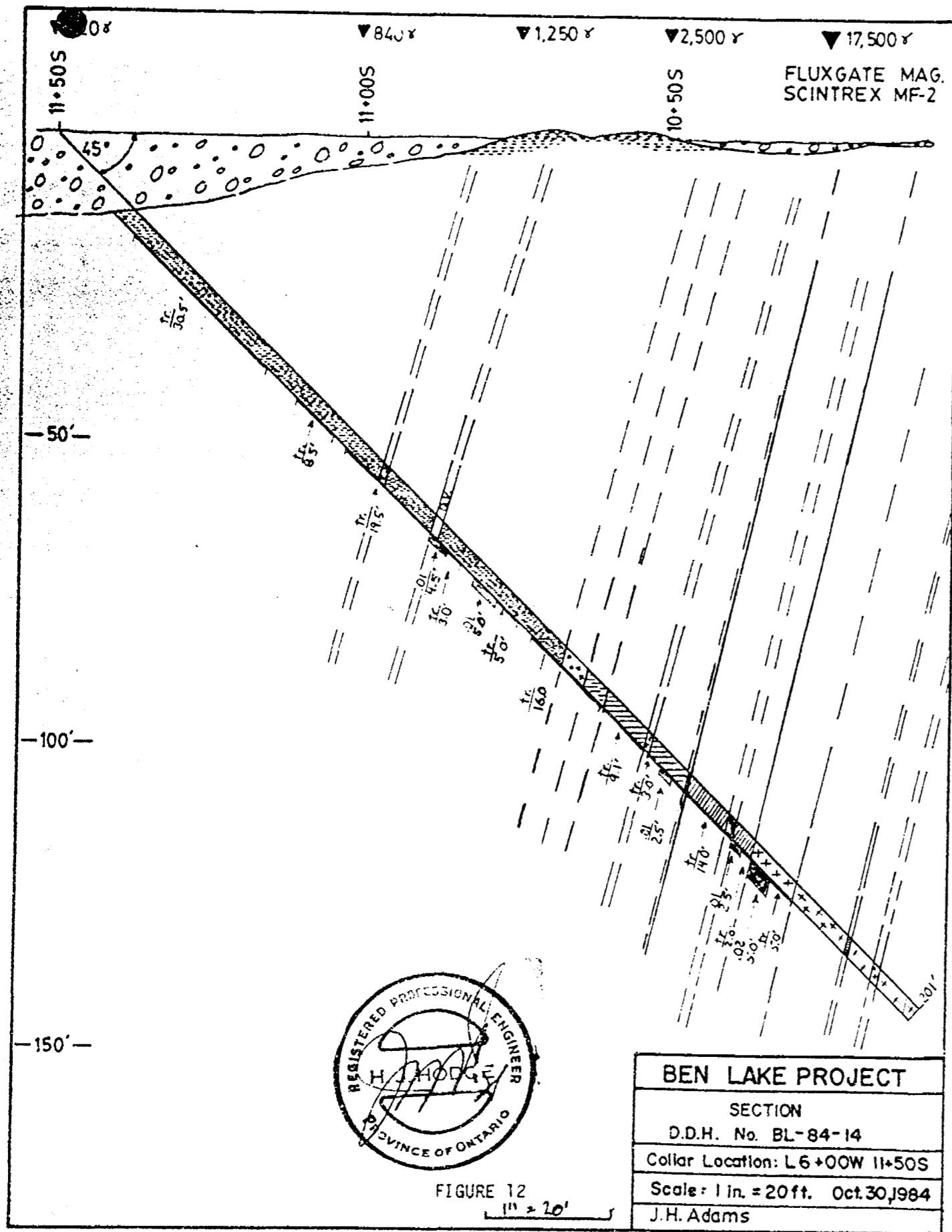


BEN LAKE PROJECT
SECTION
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1" = 20'
 GEOCANEX LTD
 TORONTO, CANADA

BY: _____
 DATE: 4/1/84
 SCALE: 1" = 20'
 DWG. No: _____

FIGURE 10

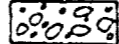





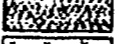
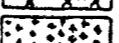



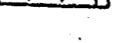
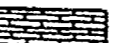

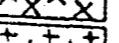





BEN LAKE PROJECT
 SECTION
 D.D.H. No. BL-84-14
 Collar Location: L 6+00W 11+50S
 Scale: 1 in. = 20 ft. Oct. 30, 1984
 J.H. Adams

FIGURE 12
 1" = 20'

TABLE 2

LEGEND - For Drill Sections - Ben Lake Drill Program 1984

-  OVERBURDEN
-  Q.V. QUARTZ VEINS
-  BANDED IRON FORMATION
-  GREYWACKE
-  ARGILLACEOUS METASEDIMENTS + GRAPHITE
-  ARGILLACEOUS + TUFFACEOUS METASEDIMENTS
-  FELSIC TUFF
-  FELSIC INTRUSIVE - SILL
-  FELSIC FLOW
-  INTERMEDIATE TUFF
-  INTERMEDIATE INTRUSIVE - SILL
-  INTERMEDIATE FLOW
-  MAFIC TUFF WITH ARGILLACEOUS INTERBEDS
-  MAFIC TUFF
-  MAFIC INTRUSIVE - GABBRO, DIABASE
-  MAFIC FLOW
-  GROUND MAGNETOMETER READING -
 scintrex - MF-2
-  magnetometer valves in gammas
 VLF conductor - EM-16

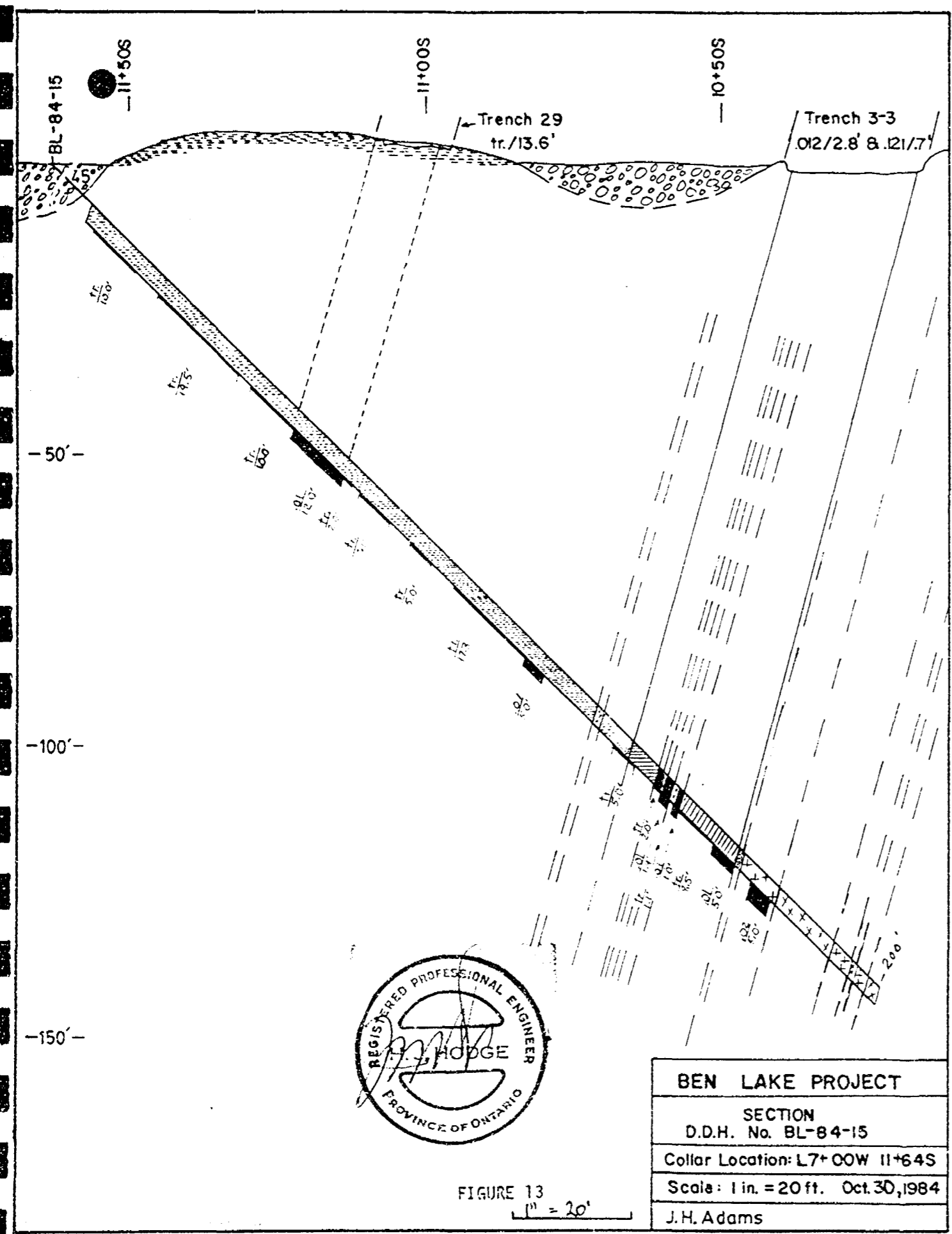
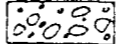
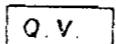





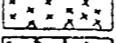


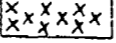
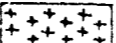
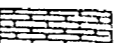

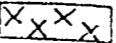
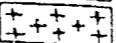





FIGURE 13
1" = 20'

TABLE 2

LEGEND - For Drill Sections - Ben Lake
Drill Program 1984

-  OVERBURDEN
-  QUARTZ VEINS
-  BANDED IRON FORMATION
-  GREYWACKE
-  ARGILLACEOUS METASEDIMENTS + GRAPHITE
-  ARGILLACEOUS + TUFFACEOUS METASEDIMENTS
-  FELSIC TUFF
-  FELSIC INTRUSIVE - SILL
-  FELSIC FLOW
-  INTERMEDIATE TUFF
-  INTERMEDIATE INTRUSIVE - SILL
-  INTERMEDIATE FLOW
-  MAFIC TUFF WITH ARGILLACEOUS INTERBEDS
-  MAFIC TUFF
-  MAFIC INTRUSIVE - GABBRO, DIABASE
-  MAFIC FLOW
-  GROUND MAGNETOMETER READING -
scintrex - MF-2
-  magnetometer valves in gammas
-  VLF conductor - EM-16

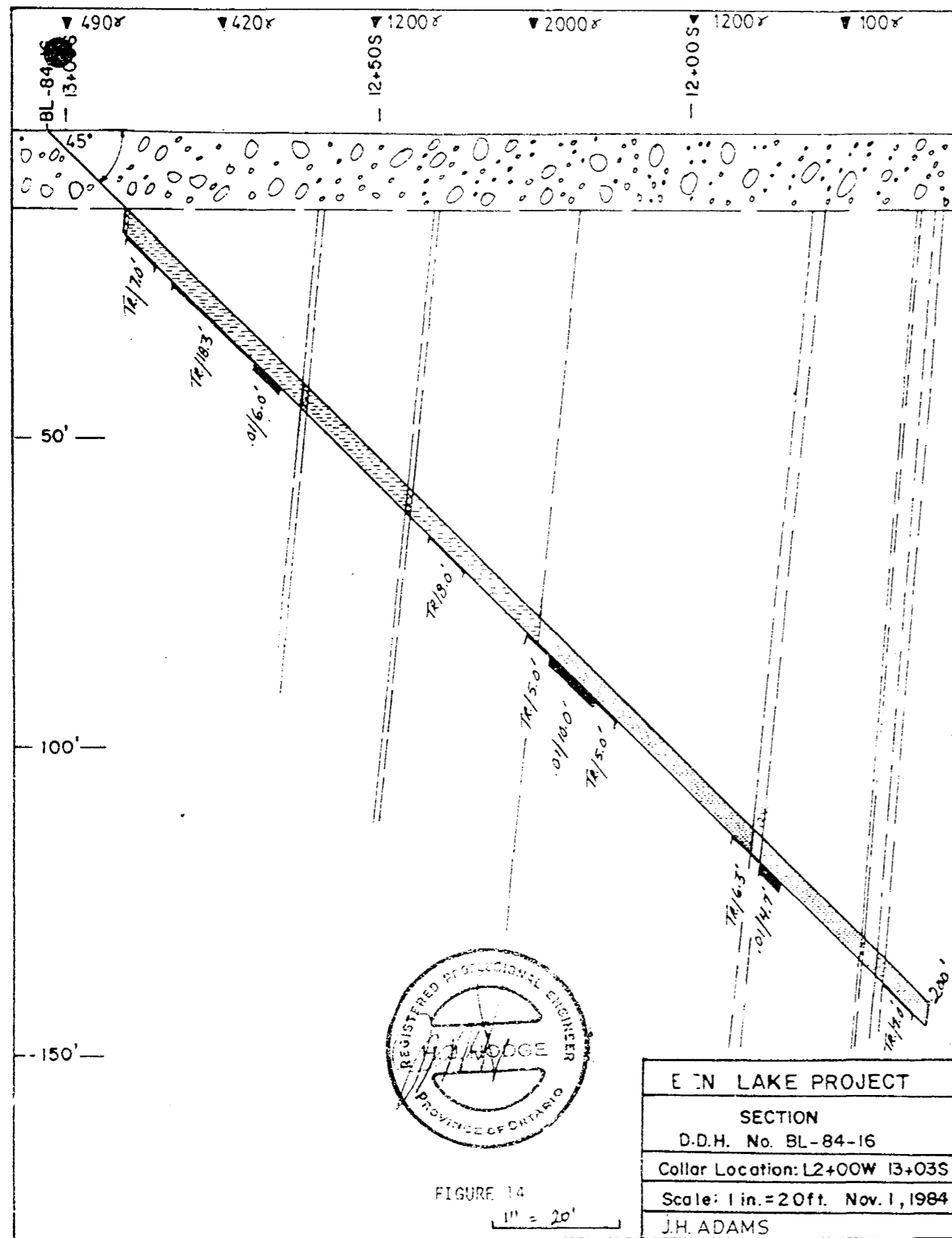


FIGURE 14

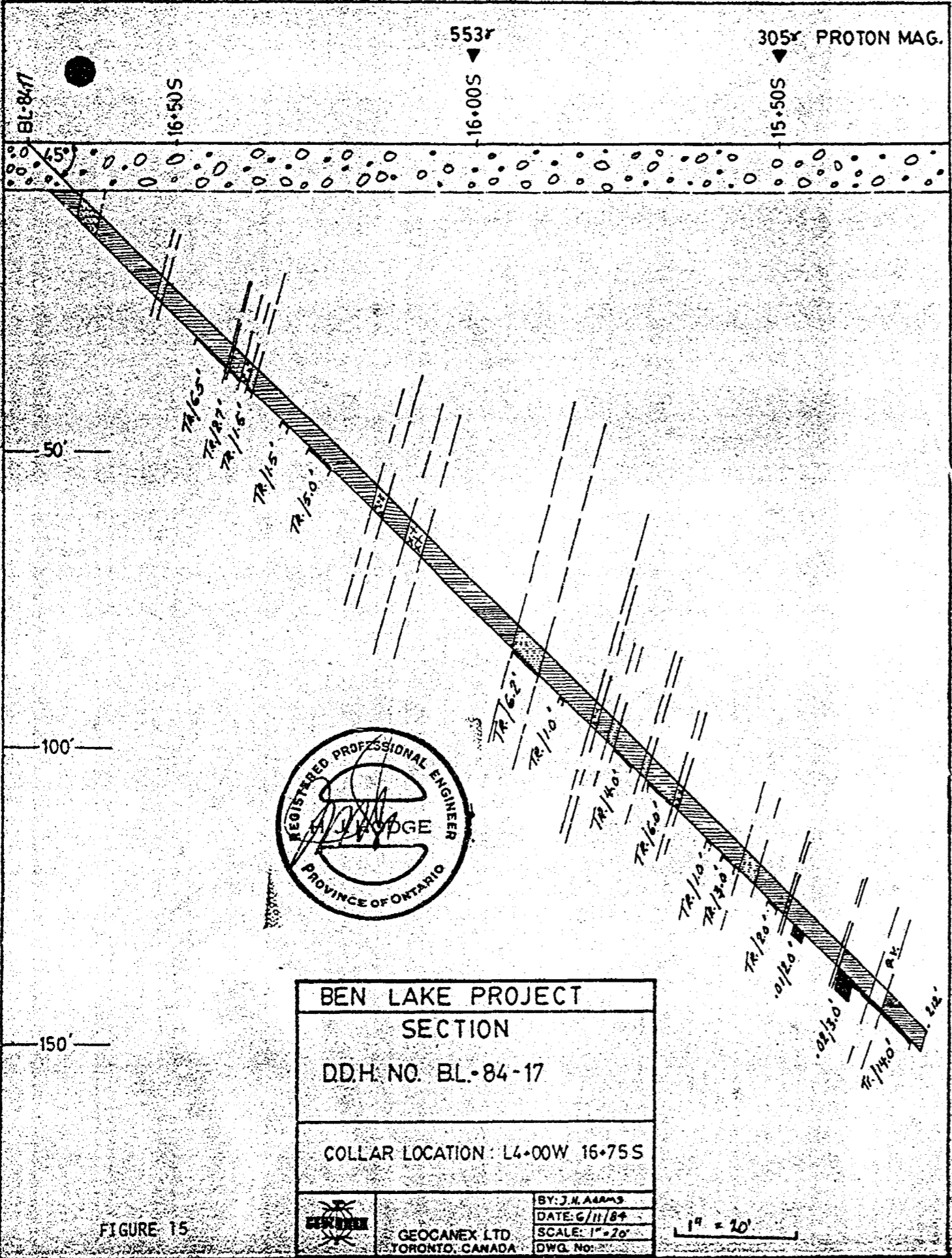
1" = 20'

E IN LAKE PROJECT
SECTION
D.D.H. No. BL-84-16
Collar Location: L2+00W 13+03S
Scale: 1 in. = 20 ft. Nov. 1, 1984
J.H. ADAMS

TABLE 2

LEGEND - For Drill Sections - Ben Lake
Drill Program 1984

	OVERBURDEN
	QUARTZ VEINS
	BANDED IRON FORMATION
	GREYWACKE
	ARGILLACEOUS METASEDIMENTS + GRAPHITE
	ARGILLACEOUS + TUFFACEOUS METASEDIMENTS
	FELSIC TUFF
	FELSIC INTRUSIVE - SILL
	FELSIC FLOW
	INTERMEDIATE TUFF
	INTERMEDIATE INTRUSIVE - SILL
	INTERMEDIATE FLOW
	MAFIC TUFF WITH ARGILLACEOUS INTERBEDS
	MAFIC TUFF
	MAFIC INTRUSIVE - GABBRO, DIABASE
	MAFIC FLOW
	GROUND MAGNETOMETER READING - scintrex - MF-2
	magnetometer valves in gammas VLF conductor - EM-16



BEN LAKE PROJECT
SECTION
 DD.H. NO. BL-84-17

COLLAR LOCATION: L4-00W 16-75S

BY: J.M. ADAMS
 DATE: 6/11/84
 SCALE: 1" = 20'
 DWG. No. 201

GEOCANEX LTD
 TORONTO, CANADA

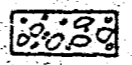
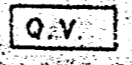





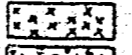



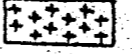
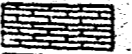

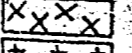
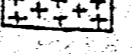



FIGURE 15

1" = 10'

TABLE 2

LEGEND

- For Drill Sections - Ben Lake Drill Program 1984

-  OVERBURDEN
-  QUARTZ VEINS
-  BANDED IRON FORMATION
-  GREYWACKE
-  ARGILLACEOUS METASEDIMENTS + GRAPHITE
-  ARGILLACEOUS + TUFFACEOUS METASEDIMENTS
-  FELSIC TUFF
-  FELSIC INTRUSIVE - SILL
-  FELSIC FLOW
-  INTERMEDIATE TUFF
-  INTERMEDIATE INTRUSIVE - SILL
-  INTERMEDIATE FLOW
-  MAFIC TUFF WITH ARGILLACEOUS INTERBEDS
-  MAFIC TUFF
-  MAFIC INTRUSIVE - GABBRO, DIABASE
-  MAFIC FLOW
-  GROUND MAGNETOMETER READING - scintrex - MF-2
-  magnetometer valves in gammas
-  VLF conductor - EM-16

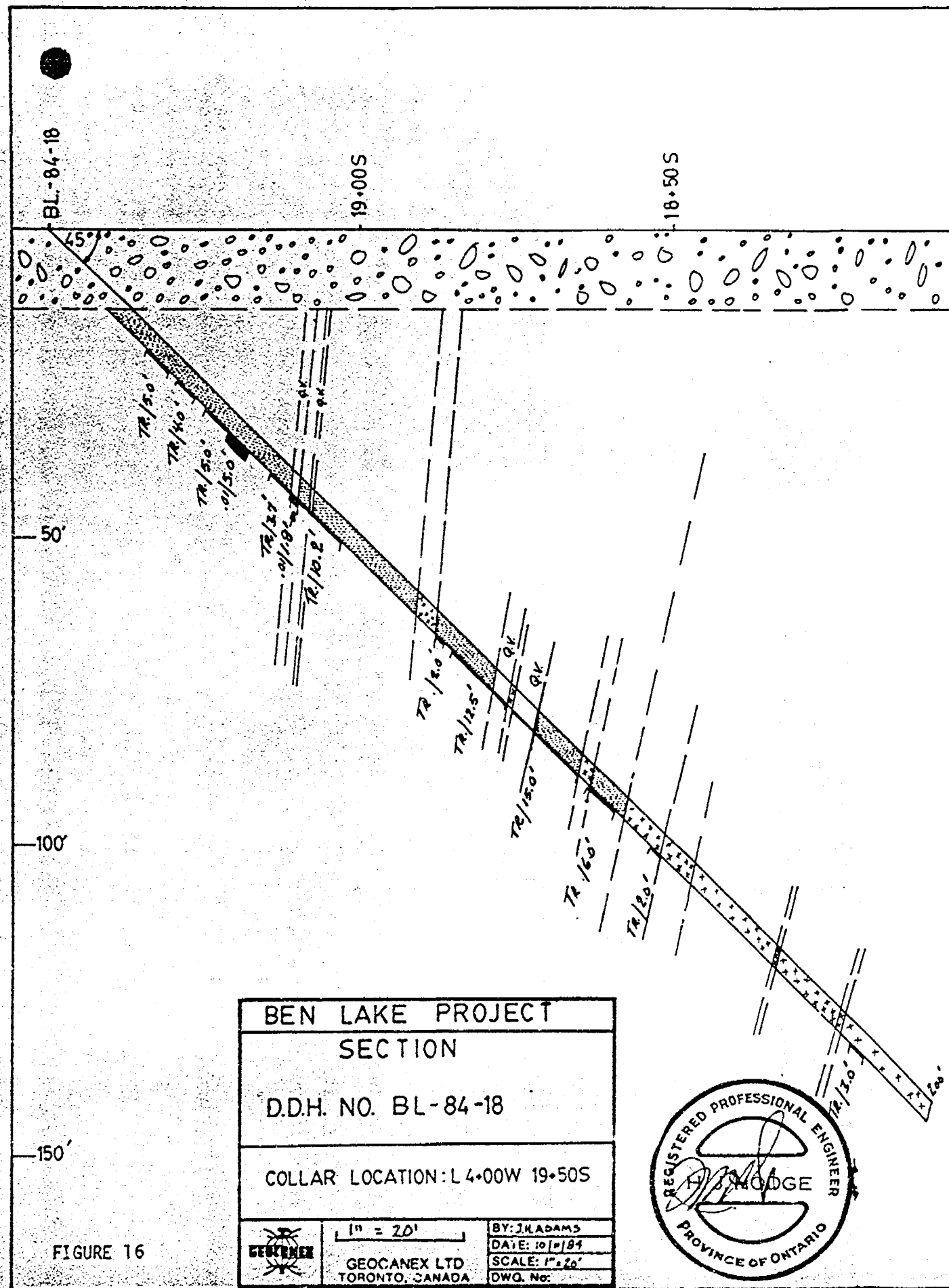


FIGURE 16

BEN LAKE PROJECT
SECTION
 D.D.H. NO. BL-84-18
 COLLAR LOCATION: L 4.00W 19.50S

1" = 20'
 GEONEX LTD
 TORONTO, CANADA

BY: J. ADAMS
 DATE: 10/1/84
 SCALE: 1" = 20'
 DWG. No:

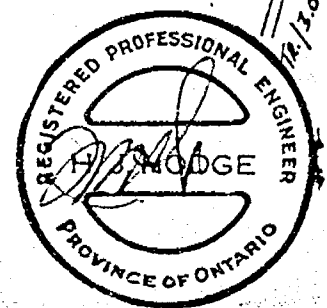
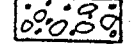








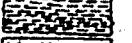


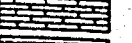

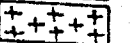






TABLE 2

LEGEND - For Drill Sections - Ben Lake Drill Program 1984

-  OVERBURDEN
-  QUARTZ VEINS
-  BANDED IRON FORMATION
-  GREYWACKE
-  ARGILLACEOUS METASEDIMENTS + GRAPHITE
-  ARGILLACEOUS + TUFFACEOUS METASEDIMENTS
-  FELSIC TUFF
-  FELSIC INTRUSIVE - SILL
-  FELSIC FLOW
-  INTERMEDIATE TUFF
-  INTERMEDIATE INTRUSIVE - SILL
-  INTERMEDIATE FLOW
-  MAFIC TUFF WITH ARGILLACEOUS INTERBEDS
-  MAFIC TUFF
-  MAFIC INTRUSIVE - GABBRO, DIABASE
-  MAFIC FLOW
-  GROUND MAGNETOMETER READING - scintrex - MF-2
-  magnetometer valves in gammas
-  VLF conductor - EM-16

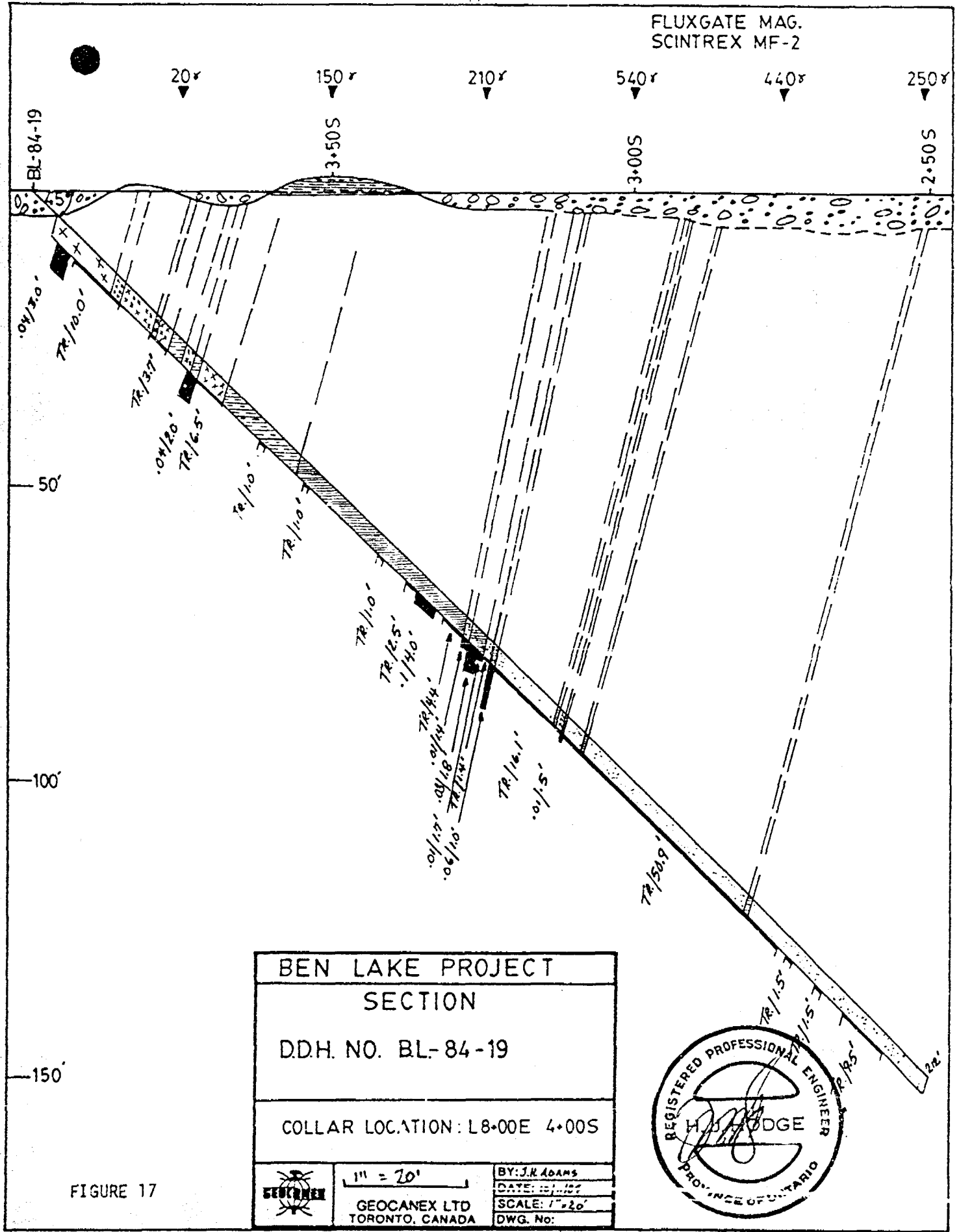


FIGURE 17

TABLE 2

LEGEND - For Drill Sections - Ben Lake Drill Program 1984

- OVERBURDEN
- QUARTZ VEINS
- BANDED IRON FORMATION
- GREYWACKE
- ARGILLACEOUS METASEDIMENTS + GRAPHITE
- ARGILLACEOUS + TUFFACEOUS METASEDIMENTS
- FELSIC TUFF
- FELSIC INTRUSIVE - SILL
- FELSIC FLOW
- INTERMEDIATE TUFF
- INTERMEDIATE INTRUSIVE - SILL
- INTERMEDIATE FLOW
- MAFIC TUFF WITH ARGILLACEOUS INTERBEDS
- MAFIC TUFF
- MAFIC INTRUSIVE - GABBRO, DIABASE
- MAFIC FLOW
- GROUND MAGNETOMETER READING - scintrex - MF-2
- magnetometer valves in gammas VLF conductor - EM-16

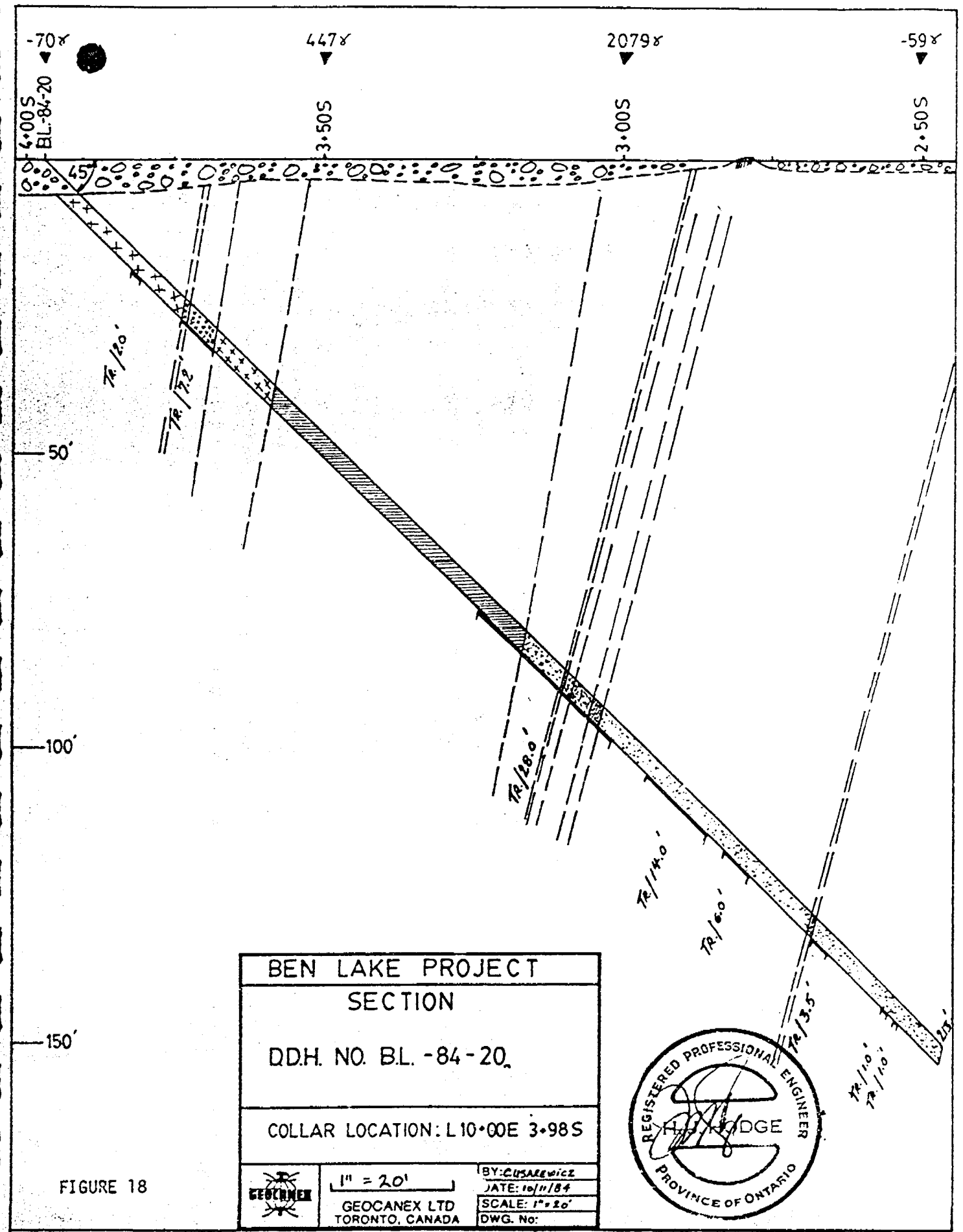


TABLE 2

LEGEND

- For Drill Sections - Ben Lake Drill Program 1984

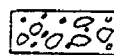
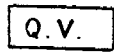





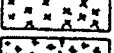
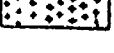

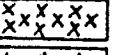
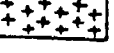


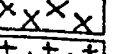
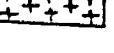



-  OVERBURDEN
-  QUARTZ VEINS
-  BANDED IRON FORMATION
-  GREYWACKE
-  ARGILLACEOUS METASEDIMENTS + GRAPHITE
-  ARGILLACEOUS + TUFFACEOUS METASEDIMENTS
-  FELSIC TUFF
-  FELSIC INTRUSIVE - SILL
-  FELSIC FLOW
-  INTERMEDIATE TUFF
-  INTERMEDIATE INTRUSIVE - SILL
-  INTERMEDIATE FLOW
-  MAFIC TUFF WITH ARGILLACEOUS INTERBEDS
-  MAFIC TUFF
-  MAFIC INTRUSIVE - GABBRO, DIABASE
-  MAFIC FLOW
-  GROUND MAGNETOMETER READING - scintrex - MF-2
-  magnetometer valves in gammas
-  VLF conductor - EM-16

FIGURE 18

APPENDIX A
DRILL LOGS AND DRILL LOG SUMMARIES

DIAMOND DRILL RECORD

NAME OF PROPERTY BEN LAKE
 HOLE NO. DL-84-1 LENGTH 302 feet
 LOCATION L 56+00F 12+00S
 LATITUDE _____ DEPARTURE _____
 ELEVATION _____ AZIMUTH 335° DIP 50°
 STARTED 16 Aug 1984 FINISHED 20 Aug 1984

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. BL-84-1 SHEET 1 OF 2

REMARKS SUMMARY LOG

LOGGED BY J.H. Adams

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON
					FROM	TO				
0	58.0	CASING								
58.0	78.0	INTERMEDIATE FLOW - medium to dark green to black, very fine to coarse grained, massive; 10% biotite rich bands; trace to .5% pyrrhotite.								
78.0	104.0	MAFIC SILL - dark green to black, fine to coarse grained; medium to coarse grained, randomly oriented amphibole crystals; weakly foliated. trace to 5% pyrrhotite.								
		89.3 to 94.0' - 3% pyrrhotite, trace pyrite and <u>chalcocopyrite</u> .	6557	3	89.3	91.8	2.5'		.02	
		95.0 to 99.5' - 5% pyrrhotite and trace <u>chalcocopyrite</u> in quartz calcite bands. - 96.5 to 97.0' - contains .5% <u>chalcocopyrite</u> .	6501	5	95.0	97.0	2.0'		.02	
104.0	194.0	INTERMEDIATE TUFF - with minor thin argillaceous interbeds; medium to dark green; fine to very fine grained; 10% quartz-calcite bands.								
		137.7 to 146.0' - trace to .5% pyrite in fractures.	6560	.5	143.2	146.2	3.0'		.01	
		146.0 to 147.5' - 1% pyrrhotite and .5% pyrite. .2" quartz vein with pyrite.	6503	1.5	146.2	147.2	1.5'		.01	
		147.5 to 150.0' - trace to .2% pyrrhotite.	6561	.5	147.7	150.7	3.0'		.02	
194.0	200.0	MAFIC FLOW - dark green to black, fine grained; unfoliated, minor quartz veinlets. 2 to 3% pyrrhotite.								
200.0	212.8	MAFIC TUFF - dark grey and black, very fine grained, banded.								
212.8	225.0	INTERMEDIATE TUFF - with garnetiferous and biotite rich interbeds, fine to medium grained, medium to dark green, banded.								

LANGRISHES - TORONTO - 366-1186

DIAMOND DRILL RECORD

NAME OF PROPERTY Ben Lake
 HOLE NO. BL-84-1 LENGTH 302 feet
 LOCATION L-56+00E 12+00S
 LATITUDE _____ DEPARTURE _____
 ELEVATION _____ AZIMUTH 335° DIP 50°
 STARTED Aug. 16, 1984 FINISHED August 20, 1984

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. BL-84-1 SHEET 1 of 9

REMARKS _____

Claim Number 570073

LOGGED BY John Adams

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS			
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON
					FROM	TO				
0	58.0	CASING								
58.0	78.0	<p>INTERMEDIATE FLOW - with minor thin biotite rich bands; medium to dark green, to black; very fine to coarse grained; massive; foliated at 50' to 58' to core axis. Biotite rich bands comprise less than 10% of rock, thin calcite rich bands comprise less than 3%; minor pyrrhotite or pyrite occur throughout. Matrix generally non-carbonated. Calcite veinlets with occasional biotite clots cut across foliation.</p> <p>- 67.0 to 68.0 .5% pyrrhotite - 70.0 to 71.5 .5% pyrrhotite - 74.0 to 75.5 trace to .5% pyrrhotite</p>								
78.0	104.0	<p>MAFIC SILL - dark green to black, fine to coarse grained, characterized by medium to coarse grained, randomly oriented amphibole crystals which are occasionally enveloped with reaction rims; rock weakly foliated and contains calcite bands parallel to foliation (1 to 2 per foot). Matrix generally uncarbonated except near reaction rims of amphiboles. Contains minor biotite in thin biotite rich bands and varying amounts of pyrrhotite.</p> <p>78.0 to 81.0 - trace to .5% pyrrhotite in thin lenses or stringers less than .1" wide, parallel to foliation. - foliation at 50' to core axis.</p> <p>81.0 to 83.2 - 5% pyrrhotite</p>								

LANGRIGES - TORONTO - 366-1168

DIAMOND DRILL RECORD

NAME OF PROPERTY Ben Lake
 HOLE NO. BL-84-1 SHEET NO. 2 of 9

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS			
FROM	TO		NO	% SULPHIDES	FOOTAGE		%	OZ TON	GT TON
					FROM	TO			
78.0	104.0	cont'd. . . . 83.2 to 86.5							
		- trace pyrrhotite - 86.5' - .1" quartz veinlet at 10' to core axis.							
		86.5 to 87.5							
		- .5% pyrrhotite and pyrite.							
		87.5 to 89.3							
		- 3% pyrrhotite; pronounced reaction rims around amphiboles. - 88.6' to 89.1' - 4" irregular calcite vein.							
		89.3 to 94.0	6557	3%	89.3	91.8	2.5		.02
		- 3% pyrrhotite, trace pyrite and trace chalcopyrite. - 90.0' - fracture with pyrrhotite at 25' to core axis. - foliation at 60' to core axis.	6558	3%	91.8	94.0	2.2'		tr.
		94.0 to 95.0	6559	1%	94.0	95.0	1.0'		tr.
		- 1% pyrrhotite and trace chalcopyrite	6501	5%	95.0	97.0	2.0'		.02
		95.0 to 99.5							
		- 5% pyrrhotite and trace chalcopyrite in quartz calcite bands. - 96.5 to 97.0' .5% chalcopyrite. - foliation at 50' to core axis. - 99.5' - fracture with pyrrhotite at 20' to core axis.	6502	5%	97.0	99.5	2.5'		tr.
		99.5 to 104.0							
		- trace to .5% pyrrhotite.							
104.0	194.0	<u>INTERMEDIATE TUFF</u> - with minor thin argillaceous inter- beds; medium to dark green, fine to very fine grained. Quartz-calcite comprises 10% of interval, mainly in concordant .1" to .25" bands but also occasionally cross cutting calcite veinlets and quartz veinlets. Rare .25" biotite rich bands occur throughout.							

DIAMOND DRILL RECORD

NAME OF PROPERTY Ben Lake

HOLE NO. BL-84-1 SHEET NO. 3 of 9

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS			
FROM	TO		NO	SULPH IDES	FOOTAGE		%	OZ TON	OZ TON
					FROM	TO			
101.0	194.0	cont'd. . . .							
		104.0 to 115.5 - .2% pyrrhotite - 113.0' 2" calcite band.							
		115.5 to 116.0 - 5% pyrrhotite; 30% biotite as medium grained randomly oriented books.							
		116.0 to 117.4 - trace pyrrhotite.							
		117.4 to 117.8 - 2% pyrrhotite.							
		117.8 to 119.0 - trace pyrrhotite.							
		119.0 to 119.1 - 2% pyrrhotite in biotite rich zone.							
		119.1 to 120.3 - trace pyrrhotite and pyrite.							
		120.3 to 121.3 - 1 to 2% pyrrhotite in biotite rich zone; 8% biotite.							
		121.3 to 125.4 - .5% pyrrhotite in biotite rich zones - 123.0' foliation at 50' to core axis. - 125.4 2% pyrrhotite in 2" biotite rich band.							
		125.4 to 132.0 - trace pyrite and pyrrhotite.							
		132.0 to 132.6 - 3% pyrrhotite.							
		132.6 to 134.8 - 2% pyrrhotite in biotite rich zones.							
		134.8 to 137.5 - trace pyrrhotite							
		137.5 to 137.7 - 2% pyrrhotite and pyrite. - 137.6 fracture with pyrite at 70' to core axis.							

DIAMOND DRILL RECORD

NAME OF PROPERTY Ben Lake

HOLE NO. BL-84-1 SHEET NO. 4 of 9

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS			
FROM	TO		NO	SULPHIDES	FOOTAGE		%	OZ TON	OZ TON
					FROM	TO			
104.0	194.0	cont'd. 137.7 to 146.0							
		- trace to .5% pyrite and pyrrhotite - 138.0', 138.4', 139.0', 140.0' fractures with pyrite coatings at 5' to 00' to core axis.	5560		143.2	146.2	3.0	.01	
		146.0 to 147.5							
		- 1% pyrrhotite and .5% pyrite. - 146.8; to 147.4' - .2" quartz vein with pyrite at 10' to core axis. - 147.5 fracture with pyrite at 25' to core axis.	5503	1.5%	146.2	147.7	1.5	.01	
		147.5 to 148.0							
		- trace to .2% pyrrhotite. - 148.0; foliation at 43' to core axis	5561	.5%	147.7	150.7	3.0'	.02	
		148.0 to 150.0							
		- trace pyrrhotite.							
		150.0 to 150.7							
		- 3% pyrrhotite - 150.4 fracture with pyrite at 75' to core axis.							
		150.7 to 152.0							
		- trace pyrrhotite.							
		152.0 to 152.3							
		- calcite band, no visible sulphides.							
		152.3 to 155.0							
		- 8% pyrrhotite.	5504	8%	152.3	155.3	3.0'	tr.	
		155.0 to 159.0							
		- 1% pyrrhotite.							
		159.0 to 160.8							
		- 5% pyrrhotite.	5505	5%	159.0	160.8	1.8'	tr.	
		160.8 to 194.0							
		- trace to 3% pyrrhotite distributed as follows: - 160.8 to 161.8 - 8% pyrrhotite and trace chalcopyrite in fracture at 10' to core axis.	6506	8%	160.8	161.8	1.0'	tr.	

DIAMOND DRILL RECORD

NAME OF PROPERTY Ben Lake
 HOLE NO. BL-84-1 SHEET NO 5 of 9

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS			
FROM	TO		NO	% SULPHIDES	FOOTAGE		%	GZ TON	GZ TON
					FROM	TO			
10'.0	191.0	<p><u>cont'd</u> -</p> <ul style="list-style-type: none"> - 162.0' - foliation at 50' to core axis. - 102.0' to 164.5' - trace pyrrhotite. - 164.5' to 164.7' - 1% pyrrhotite. - 165.3' to 165.5' - 2% pyrrhotite. - 169.0' to 169.3' - 1% pyrrhotite. - 171.0' to 171.3' - 1% pyrrhotite. - 172.5' to 173.4' - 2% pyrrhotite. - 174.5 to 176.0' - 2% pyrrhotite. - 176.0' foliation at 55' to core axis. - 177.4 trace chalcopyrite. - 177.8 to 178.1 - 2% pyrrhotite. - 178.1 to 179.1 - 1% pyrrhotite in biotite rich bands; actinolite; trace chalcopyrite and pyrrhotite in fracture. - 180.0' to 181.0' - 2% pyrrhotite and pyrite. - 181.4' to 182.4' - 3% pyrrhotite, concentrated in .5" biotite rich bands. - 181.9 - trace chalcopyrite. - 183.0 to 184.0 - .5% pyrrhotite. - 184.1 to 185.5 - .5% to 1% pyrrhotite and pyrite in zone cut by irregular barren quartz-calcite veinlets. - 186.5 - foliation at 55' to core axis. - 187.9' to 188.0' - irregular fracture with large books biotite. - 189.1' to 189.3' - 3% pyrrhotite in biotite rich bands. - 189.3' to 191.4' - .2% pyrrhotite in biotite rich zones. - 192.5 to 192.8 - pyrite, chlorite and calcite in fracture at 30' to core axis. 							

DIAMOND DRILL RECORD

NAME OF PROPERTY Ben Lake
 HOLE NO. BL-84-1 SHEET NO. 6 of 9

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS AU			
FROM	TO		NO	FOOTAGE		%	OZ TON	OZ TON	OZ TON
				FROM	TO				
194.0	200.0	<p>MAFIC FLOW - dark green to black, fine grained, no calcite, little or no biotite, unfoliated with some minor quartz veinlets.</p> <ul style="list-style-type: none"> - 194.5 to 195.2 - 2% pyrrhotite - 196.1 to 196.6 - 2% pyrrhotite - 197.2 to 198.2 - 3% pyrrhotite - 199.0 foliation at 50' to core axis. - 200.0 .15" calcite veinlet with 5% pyrite. 							
200.0	212.8	<p>MAFIC TUFF - dark grey and black, very fine grained, unfoliated, banded; abundant actinolite crystals; noncarbonated;</p> <ul style="list-style-type: none"> 200.0 to 206.4 - mafic tuff; biotite imparts faint dark banding. - 200.5' to 202.8 - quartz vein at 5' to core axis with coarse grained calcite bands at margins also chloritized at margins. - 201.0 to 201.6 - pure quartz - 201.6 to 202.8 - chlorite and calcite along fractures; some tuff fragments; no visible sulphides. - 202.8 to 204.6 - 1% pyrrhotite in dark bands. - 204.8 - foliation at 50' to core axis. 206.4 to 212.8 - mafic tuff is lighter in colour, biotite banding more prominent; little calcite; several quartz rich bands. 	6507	200.5	202.8	2.3			tr.

DIAMOND DRILL RECORD

NAME OF PROPERTY Ben. Lake

HOLE NO BL-84-1 SHEET NO 7 of 9

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS			
FROM	TO		NO	% SULPHIDES	FOOTAGE		%	OZ TON	OZ TON
					FROM	TO			
200.0	212.8	cont'd. . . .							
		- 208.8 - 2% pyrrhotite in .5" biotite rich band.							
		- 208 - foliation at 50' to core axis.							
		- 210 - fracture with chlorite and pyrite at 35' to core axis.							
		- 210.6-.1" wide irregular vein with very fine grained pyrite.							
		- 210.7 - 2% pyrrhotite in 1" biotite rich band.							
		- 210.7 to 211.4 - 1% pyrrhotite.							
212.8	225.0	INTERMEDIATE TUFF - with garnetiferous and biotite interbeds, fine to medium grained. medium to dark green; banded; foliated.							
		- 212.8' to 213.2' - 3% pyrite and 2% pale pink garnets up to .2" in diameter; some garnets incorporate pyrrhotite.							
		- 213.5' to 213.8' - 3% pyrite; strongly banded; abundant garnets and biotite.	6562	3%	213.5	216.0	2.5'		.01
		- 214.2 to 216.0' - 2% pyrrhotite; similar to interval 213.5 to 213.8'							
		- 216.0 to 218.1 - 10% pyrrhotite and trace chalcopryite; sulphide in blebs parallel to foliation.	6508	10%	216.0	218.0	2.0'		.01
		- 217.8; - .15" band of pyrrhotite.							
		- 215.0' to 221.2' - strongly carbonated.							
		- 216.0' to 216.5' - abundant garnets in very fine grained black bands.	6563		218.0	220.0	2.0'		.01
		- 220.0' to 221.2' - 10% pyrrhotite and pyrite, with garnets; very very fine grained, black; finely banded.	6509	10%	220.0	221.2	1.2'		.01
		- 221.2' to 223.0' - 3% pyrrhotite and pyrite, coarse grained, wider bands, garnets up to .2" diameter.	6564	3%	221.2	223.0	1.8'		tr.

DIAMOND DRILL RECORD

NAME OF PROPERTY Ben Lake
 HOLE NO BL-84-1 SHEET NO 9 of 9

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	SULPH IDFS	FOOTAGE			%	G/TONS	G/TONS
					FROM	TO	TOTAL			
273.2	283.1	INTERMEDIATE FLOW - medium to dark grey; fine grained minor biotite rich bands. (1 to 2 per foot); banding less prominent; calcite abundant in sparce .1 to .2" thick bands; trace to .5% pyrrhotite.								
283.1	302.0	INTERMEDIATE TUFF - medium to dark green; fine to medium grained; prominently banded with biotite rich bands; variable pyrrhotite content.								
		283.1 to 284.3 - trace to .5% pyrrhotite.								
		284.3 to 287.2 - 5 to 10% pyrrhotite in bands parallel to foliation.	6515	10%	284.2	287.2	3.0'			tr.
		287.2 to 289.0 - trace to .5% pyrrhotite.								
		289.0 to 291.0 - 5 to 10% pyrrhotite.	6516	10%	289.0	291.0	2.0'			tr.
		291.0 to 293.1 - finer grained less pyrrhotite.								
		293.1 to 295.2 - 10% pyrrhotite includes 8" zone of irregular calcite-quartz-chlorite vein with pyrrhotite.	6517	10%	293.5	295.5	2.0'			tr.
		295.2 to 302.0 - trace to .5% pyrrhotite. - 292' foliation at 60' to core axis. - 300 foliation at 55' to core axis.								
	302.0	END OF HOLE.								

DIAMOND DRILL RECORD

NAME OF PROPERTY BEN LAKE
 HOLE NO. BL-84-2 LENGTH 202 feet
 LOCATION L56+00E 10+00S
 LATITUDE _____ DEPARTURE _____
 ELEVATION _____ AZIMUTH 335° DIP 50°
 STARTED 22 Aug 1984 FINISHED 22 Aug 1984

FOOTAGE	DIP	AZMUTH	FOOTAGE	DIP	AZMUTH

HOLE NO. BL-84-2 SHEET NO. 1 of 1
 REMARKS SUMMARY LOG

LOGGED BY J.H. Adams

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	FOOTAGE		Au				
				FROM	TO	%	%	OZ/TON	OZ/TON	
0	62.0	CASING								
62.0	85.4	INTERMEDIATE TUFF - greyish green to black, fine grained; biotite bands; minor garnet, trace to 2% pyrrhotite.								
85.4	85.7	FELSIC SILL - quartz-feldspar-porphry, medium grey; fine grained; concordant, no visible sulphides.								
85.7	86.5	INTERMEDIATE TUFF - typical.								
86.5	87.5	FELSIC SILL - typical.								
87.5	166.4	INTERMEDIATE TUFF - typical.								
		98.0 to 101.0' - 5% pyrrhotite and trace chalcopyrite; .5% magnetite.	6519	5	98.0	101.0	3.0'			.02
		99.6 to 100.1' - quartz vein with trace pyrite.								
		101.0 to 115.0' - 10% pyrrhotite, trace chalcopyrite in blebs parallel to foliation and in fractures.	6520		101.0	104.0	3.0'			.01
		101.0 to 111.0' - 3% magnetite.	6521		104.0	107.5	3.5'			.02
166.4	202.0	MAFIC FLOW - dark grey and black, fine to very fine grained; weakly foliated; 25% biotite; quartz-calcite bands, trace to 5% pyrrhotite.								
	202.0	E.O.H.								

LAURIDES - TORONTO - 364-1188

DIAMOND DRILL RECORD

NAME OF PROPERTY Ban Lake
 HOLE NO. BL-84-2 LENGTH 202
 LOCATION L-56+00E 10+00S
 LATITUDE _____ DEPARTURE _____
 ELEVATION _____ AZIMUTH 335' DIP 50'
 STARTED Aug. 22, 1984 FINISHED Aug. 25, 1984

FOOTAGE	DIP	AZMUTH	FOOTAGE	DIP	AZMUTH

HOLE NO. BL-84-2 SHEET 1 of 4

REMARKS _____

Claim Number 570073

LOGGED BY J.H Adams

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS			
FROM	TO		NO.	SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON
					FROM	TO				
0	62.	CASING								
62.0	85.4	<p><u>INTERMEDIATE TUFF</u> - Greyish green to black; fine grained. Thin biotite rich bands comprise 25 to 30% of rock. Minor garnet; fragments intermediate in composition. Calcite common in lighter bands. Pyrrhotite crystals and blebs parallel to foliation.</p> <p>62.7; to 63.7' - 1% pyrrhotite. - 63.7' - foliation at 45' to core axis.</p> <p>63.7' to 72.3' - trace pyrrhotite - 69' - foliation at 50' to core axis.</p> <p>72.3' to 72.7' - 2% pyrrhotite.</p> <p>72.7' to 77.0' - trace to .5% pyrrhotite.</p> <p>77.0' to 78.5' - 2% pyrrhotite in fractures with calcite. - 78.5 foliation 55' to core axis.</p> <p>80.0' to 80.6' - 2% pyrrhotite.</p>								
85.4	85.7	<u>FELSIC SILL</u> - quartz-feldspar-porphyry - medium grey, fine grained; concordant, contacts sharp at 55', weakly foliated; no visible sulphides.								
85.7	86.5	<u>INTERMEDIATE TUFF</u> - typical, as in interval 62.0' to 85.4'	5570	2%	77.0	78.5'	1.5'			tr.

LAMPROSES - TORONTO - 366-1184

DIAMOND DRILL RECORD

NAME OF PROPERTY Ben Lake
 HOLE NO BL-84-2 SHEET NO 2 of 4

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS			
FROM	TO		NO	SULPH IDS	FOOTAGE		%	GT Ton	GT Ton
					FROM	TO			
86.5	87.5	<u>FELSIC SILL</u> - quartz-feldspar porphyry - typical							
87.5	166.4	<u>INTERMEDIATE TUFF</u> -							
	87.5 to 115.0	- typical							
		- 88.0' foliation at 50' to core axis.							
		- 88.5' fracture with pyrite coating at 5' to core axis.	6571		88.0	91.0	3.0'	tr.	
		- 90.7 fracture with pyrite at 50' to core axis and perpendicular to foliation.							
		- 93.0' foliation at 55' to core axis.	6572		91.0	93.0	2.0'	tr.	
		- 92.0 to 94.0' - 1% pyrrhotite and trace chalcopyrite.	6573		93.0	95.0	2.0'	tr.	
		- 95.0 to 96.7' - 12% pyrrhotite and trace chalcopyrite.	6518	12%	95.0	96.7	1.7'	tr.	
		- 98.0 to 101.0 - 5% pyrrhotite and trace chalcopyrite; and .5% magnetite.	6519	5%	98.0	101.0	3.0'	.02	
		- 99.6 to 100.1' - irregular quartz vein; .25" wide; trace pyrite.							
		- 101.0 to 115.0' - 10% pyrrhotite and trace chalcopyrite, parallel to foliation and in fractures	6520		101.0	104.0	3.0'	.01	
		- 101.0 to 111.0' - 3% magnetite.	6521		104.0	107.5	3.5'	.02	
		- 112.0 - foliation at 55' to core axis.	6522		107.5	111.0	3.5'	tr.	
		- 112.7 - .1" to .2" irregular calcite vein with coarse grained pyrite.	6523		111.0	113.0	2.0'	tr.	
		- 112.0 - foliation at 55' to core axis.	6524		113.0	115.0	2.0'	tr.	
	115.0 to 119.2	- strongly banded and carbonated; black and medium green; bands .1" to .25" thick; .5% pyrrhotite and trace chalcopyrite.							
		- 119.0 - foliation at 45' to core axis.							

DIAMOND DRILL RECORD

NAME OF PROPERTY Bon Lake
 HOLE NO BL-84-2 SHEET NO 4 of 4

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS			
FROM	TO		NO	% SULPHIDES	FOOTAGE		%	G/TON	G/TON
					FROM	TO			
166.4	202.0	<p>MAFIC FLOW - dark grey to black, fine to very fine grained; weakly foliated, fine, subtle banding, 25% porphyroblastic (?) biotite up to .1"; calcite-quartz bands parallel to foliation (1 to 4 per foot) .1 to .25" thick, variable amounts of pyrrhotite and pyrite; biotite randomly oriented.</p> <ul style="list-style-type: none"> - 167.3 to 181.0 - 5% pyrrhotite. - 173.3 - 2" wide quartz and muscovite pod with coarse grained pyrrhotite. - 174.0 - foliation at 45' to core axis. - 180.0 - first appearance of fine grained garnets. - 181.0 to 186.0' - 5% pyrrhotite, disseminated and parallel to foliation. - 182.0' - 4" quartz-calcite zone - 182.0 - 2% random garnets become larger - .05" to .1" - 183.0' foliation at 43' to core axis. - 186.0' to 188.0' - 2% pyrrhotite - 188.0 to 189.0' -.5 to 1% pyrrhotite - 189.0' to 193.0 - 3% pyrrhotite - 193.0' to 193.8' - trace to .5% pyrrhotite. - 193.8 to 194.4 - trace pyrrhotite. - 194.8 to 198.8 - 3% pyrrhotite. - 198.9 to 202.0 - trace to .5% pyrrhotite. 							
202.0		END OF HOLE							

DIAMOND DRILL RECORD

NAME OF PROPERTY BEN LAKE
 HOLE NO. BL-84-3 LENGTH 451 feet
 LOCATION 55+95E 8+38S
 LATITUDE _____ DEPARTURE _____
 ELEVATION _____ AZIMUTH 335 DIP 47°
 STARTED 26 Aug 1984 FINISHED 31 Aug 1984

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. BL-84-3 SHEET NO. 1 of 2

REMARKS SUMMARY LOG

LOGGED BY J.H. Adams

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON
					FROM	TO				
0	98.0	CASING								
98.0	141.0	INTERMEDIATE TO MAFIC TUFF - medium to dark green, fine grained to very fine grained; foliated; banded; 0-10% pyrrhotite.								
141.0	143.4	FELSIC TO INTERMEDIATE SILL - dark grey to black; very fine grained, porphyritic.								
143.4	149.0	INTERMEDIATE TUFF - medium green to dark grey, banded, traces pyrrhotite and chalcopyrite.								
149.0	167.8	BANDED IRON FORMATION -(BIF) recrystallized chert and magnetite in irregular bands with chlorite, amphibole, garnet and calcite, calcite in fractures; 0-15% pyrrhotite mainly as fracture filling.								
167.8	170.2	155.0 to 158.2' - 5% pyrrhotite. FELSIC SILL - dark grey, very fine grained; foliated; no magnetite; quartz feldspar porphyry.	6527		155.0	158.2	3.2'			.01
170.2	198.7	BIF - typical with occasional garnet amphibole bands.								
198.7	200.6	FELSIC SILL - typical.								
200.6	213.0	BIF - typical.								
213.0	214.9	203.6 to 206.7' - 6% pyrrhotite. GRAPHITIC METASEDIMENTS - black; very fine grained; siliceous; minor graphite; abundant biotite, 10% pyrrhotite, trace chalcopyrite.	6537	5	204.0	206.7	2.7'			.01
214.9	256.7	BIF - typical.								
256.7	261.7	242.0 to 256.7' - 10% pyrrhotite in fractures.	6539	5	242.0	243.0	1.0'			.01
261.7	302.4	FELSIC SILL - typical; strongly foliated. BIF - typical.								

LANGRAGES - TORONTO - 366-1158

DIAMOND DRILL RECORD

NAME OF PROPERTY Ben Lake
 HOLE NO. BL-84-3 LENGTH 451'
 LOCATION S5+95E 8+38S
 LATITUDE _____ DEPARTURE _____
 ELEVATION _____ AZIMUTH 335' DIP 47'
 STARTED Aug. 26, 1984 FINISHED Aug. 31, 1984

FOOTAGE	DIP	AZMUTH	FOOTAGE	DIP	AZMUTH
0	47'				
437	26'28"				

HOLE NO. BL-84-3 SHEET 1 of 8

REMARKS _____

Claim Number 570073

LOGGED BY J.H. Adams

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS			
FROM	TO		NO.	SULPH IDLS	FOOTAGE FROM TO TOTAL	%	%	OZ/TON	OZ/TON
0	98.0	CASING							
98.0	141.0	INTERMEDIATE TO MAFIC TUFF - medium to dark green, fine grained, to very fine grained; foliated; banded; bands alternating calcite rich, biotite rich, and amphibole rich.							
	98' to 123.0'	- fine grained; 10% thin calcite rich bands.							
		- 98.0' - foliation at 50' to core axis.							
		- 102.5 to 103.0 - 1/16" quartz-calcite vein at 20' to core axis.							
		- 107.0' foliation at 55' to core axis.							
		- 106.0' to 119.8' - 1% pyrrhotite, trace chalcopyrite concentrated in biotite rich bands (1 per foot) with up to 10% pyrrhotite and narrow quartz-calcite veins with 10% pyrrhotite (1 per foot).	6576		106.4	109.4	3.0'		tr.
			6577		109.4	112.4	3.0'		tr.
		- 112.0' to 113.6', 10 fractures at 10' to core axis with quartz-calcite coating.	6578		112.4	115.4	3.0'		tr.
			6579		115.4	118.4	3.0'		tr.
			6580		118.4	120.4	2.0'		tr.
		- 112.0' - foliation at 50' to core axis.							
		- 122.0' - foliation at 55' to core axis.							

LANGRICES - TOPORIC - 396-1168

DIAMOND DRILL RECORD

NAME OF PROPERTY Ben Lake
 HOLE NO BL-84-3 SHEET NO 2 of 8

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO	SPLN IDS	FOOTAGE			%	GT 10m	GT 10m
					FROM	TO	TOTAL			
98.0	141.0	cont'd. . . .								
		123.0 to 125.0' - very fine grained; slightly lighter grey, much less biotite, banding less prominent; cut by thin (<.1') quartz-calcite veinlets 30' to core axis; 2 to 3 per foot with trace pyrrhotite.								
		125.0' to 127.0' - grey to grey green; fractured and silicified by a quartz-calcite fracture system at 0' to core axis.								
		127.0' to 129.5' - medium green; very fine grained; garnetiferous; abundant calcite rich bands parallel to foliation; pink-red garnets .1 inch in diameter comprise 2% of rock. - 127.0' to 127.4' - 1/8" quartz-calcite veinlet at 10' to core axis. - 127.7 to 129.2' - 10% pyrrhotite and trace chalcopyrite.	6581	10Z	127.7	129.2	1.5'			tr.
		129.5 to 141.0' - fine grained, thinly banded; calcite rich bands less prominent; no visible garnets; trace of pyrrhotite - 132' and 137' - foliation at 50' to core axis. - 137 to 138' - traces chalcopyrite. - 139.8' - trace chalcopyrite and pyrite in calcite filled .2" fracture - 140.0' to 141.0' - biotite banding more prominent. - foliation at 50' to core axis.	6582		137.0'	140.0'	3.0'			tr.
141.0	143.4	FELSIC to INTERMEDIATE SILL - dark grey to black; very fine grained, porphyritic with sparse white feldspar phenocrysts up to .1 inch in diameter; massive, non to weakly foliated; 20% randomly oriented biotite.	6556		142.6	143.6	1.0'			tr.

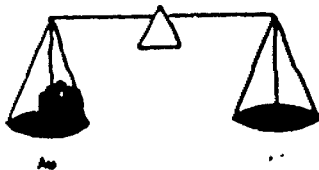
DIAMOND DRILL RECORD

NAME OF PROPERTY Ben Lake

MOLE NO BL-84-3

SHEET NO 4 of 8

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO	SULPH IDES	FOOTAGE			%	G/Ton	G/Ton
					FROM	TO	TOTAL			
149.0	167.8	cont'd								
	162.2 to 165.8'	- chert and magnetite bands dominated by very fine grained black amphibolite with large garnets, strongly foliated with 10% pyrrhotite parallel to foliation; 6% magnetite.	6529		161.0	162.2	1.2'			tr.
		- 165.0' - foliation at 52' to core axis.	6530		165.8	167.8	2.0'			tr.
	165.8 to 167.8'	- typical BIF with 5% pyrrhotite.								
		- 167.0 magnetite bands broken; fragments separated by cherty fracture filling ?								
167.8	170.2	<u>FELSIC SILL</u> - dark grey; very fine grained; foliated non-magnetic, quartz-feldspar porphyry with visible biotite.								
		- 170.0' foliation at 55' to core axis.								
170.2	198.7	<u>BIF</u> - typical with occasional bands of black amphibolite with garnets.								
	170.2 to 181.0	- average 2% pyrrhotite								
		- 170.8 to 171.4 - 3% pyrrhotite	6531	7%	170.8	172.8	2.0'			tr.
		- 172.6 to 172.8 - 10% pyrrhotite	6532	5%	172.8	175.6	2.8'			tr.
		- 174.8 to 174.9 - 5% pyrrhotite in amphibolite band.								
		- 175.6 to 177.5' - 8% pyrrhotite in amphibolite garnet rich bands.	6533	5%	175.6	178.1	2.5			tr.
		- 177.5' to 178.1' - 5% pyrrhotite.								
		- 178.1 to 181.0 - trace to .5% pyrrhotite.								



CUSTOM FIRE ASSAYING LTD.

Phone: Bus. 662-817
Res. 662-336

PAUL OKANSKI, Assayer
Box 253, Cochenour, Ontario POV 1L0

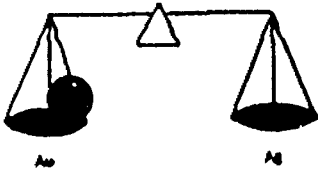
Geocanex

ASSAY CERTIFICATE

Date: Nov. 6-84

Sample No.	Description	oz/ton Au	oz/ton Ag
1	6770	Trace	
2	71	"	
3	72	"	
4	73	"	
5	74	"	
6	75	"	
7	76	"	
8	77	"	
9	78	"	
10	79	"	
11	30	"	
12	81	"	
13	82	"	
14	83	"	
15	84	"	
16	85	"	
17	86	.01	
18	87	.02	
19	88	Trace	
20	89	"	
21	90	"	
22	91	"	
23	92	"	
24	93	"	

Assayer: *Paul Okanski*



CUSTOM FIRE ASSAYING LTD.

Phone: Bus. 662-817
Res. 662-336

PAUL OKANSKI, Assayer
Box 253, Cochenour, Ontario P0V 1L0

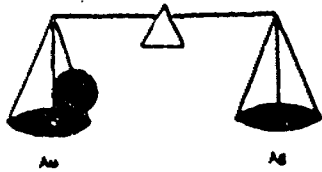
Geocanex

ASSAY CERTIFICATE

Date: Nov. 6-84

	Sample No.	Description	oz/ton Au	oz/ton Ag
1	6794		Trace	
2	95		.01	
3	96		Trace	
4	97		.01	
5	98		Trace	
6	99		"	
7	6800		"	
8	01		"	
9	02		"	
10	03		"	
11	04		"	
12	05		"	
13	06		"	
14	07		"	
15	08		"	
16	09		"	
17	10		"	
18	11		"	
19	12		"	
20	13		"	
21	14		.04	
22	15		Trace	
23	16		"	
24	17		"	

Assayer: *Paul Okanski*



CUSTOM FIRE ASSAYING LTD.

Phone: Bus. 662-817
Res. 662-336

PAUL OKANSKI, Assayer
Box 253, Cochenour, Ontario POV 1L0

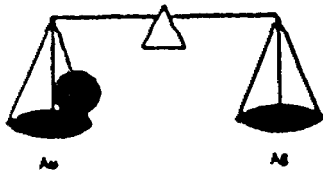
Geocanex

ASSAY CERTIFICATE

Date: Nov. 6-84

	Sample No.	Description	oz/ton Au	oz/ton Ag
1	6818		Trace	
2	19		"	
3	20		.04	
4	21		Trace	
5	22		"	
6	23		"	
7	24		"	
8	25		"	
9	26		"	
10	27		.01	
11	28		Trace	
12	29		"	
13	30		.01	
14	31		.03	
15	32		.01	
16	33		Trace	
17	34		.06	
18	35		Trace	
19	36		"	
20	37		"	
21	38		"	
22	39		"	
23	40		.01	
24	41		Trace	

Assayer: *Paul Okanski*



CUSTOM FIRE ASSAYING LTD.

Phone: Bus. 662-817
Res. 662-336

PAUL OKANSKI, Assayer
Box 253, Cochenour, Ontario P0V 1L0

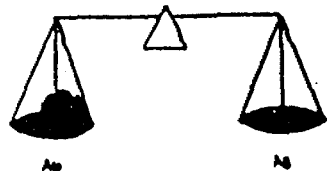
Geocanex

ASSAY CERTIFICATE

Date: Nov. 6-84

	Sample No.	Description	oz/ton Au	oz/ton Ag
1	6842		Trace	
2	43		"	
3	44		"	
4	45		"	
5	46		"	
6	47		"	
7	48		"	
8	49		"	
9	50		"	
10	51		"	
11	52		"	
12	53		"	
13	54		"	
14	55		"	
15	56		"	
16	57S		"	
17	58		"	
18	59		"	
19	60		"	
20	61		"	
21	62		"	
22	63		"	
23	64		"	
24	65		"	

Assayer: *Paul Okanski*



CUSTOM FIRE ASSAYING LTD.

Phone: Bus. 662-8
Res. 662-3

PAUL OKANSKI, Assayer
Box 253, Cochenour, Ontario POV 1L0

Geocanex

ASSAY CERTIFICATE

Date: Nov. 6-84

	Sample No.	Description	oz/ton Au	oz/ton Ag
1	6866		Trace	
2	67		"	
3	68		"	
4	69		"	
5	70		"	
6	71		"	
7	72		"	
8	73		"	
9	74		"	
10	75		"	
11	76		"	
12	77		"	
13	78		"	
14	79		"	
15	80		"	
16	81		"	
17	82		"	
18	83		"	
19	84		"	
20	35		"	
21	36		"	
22	87		"	
23	88		"	
24	9405		.40	
	9406		.28	

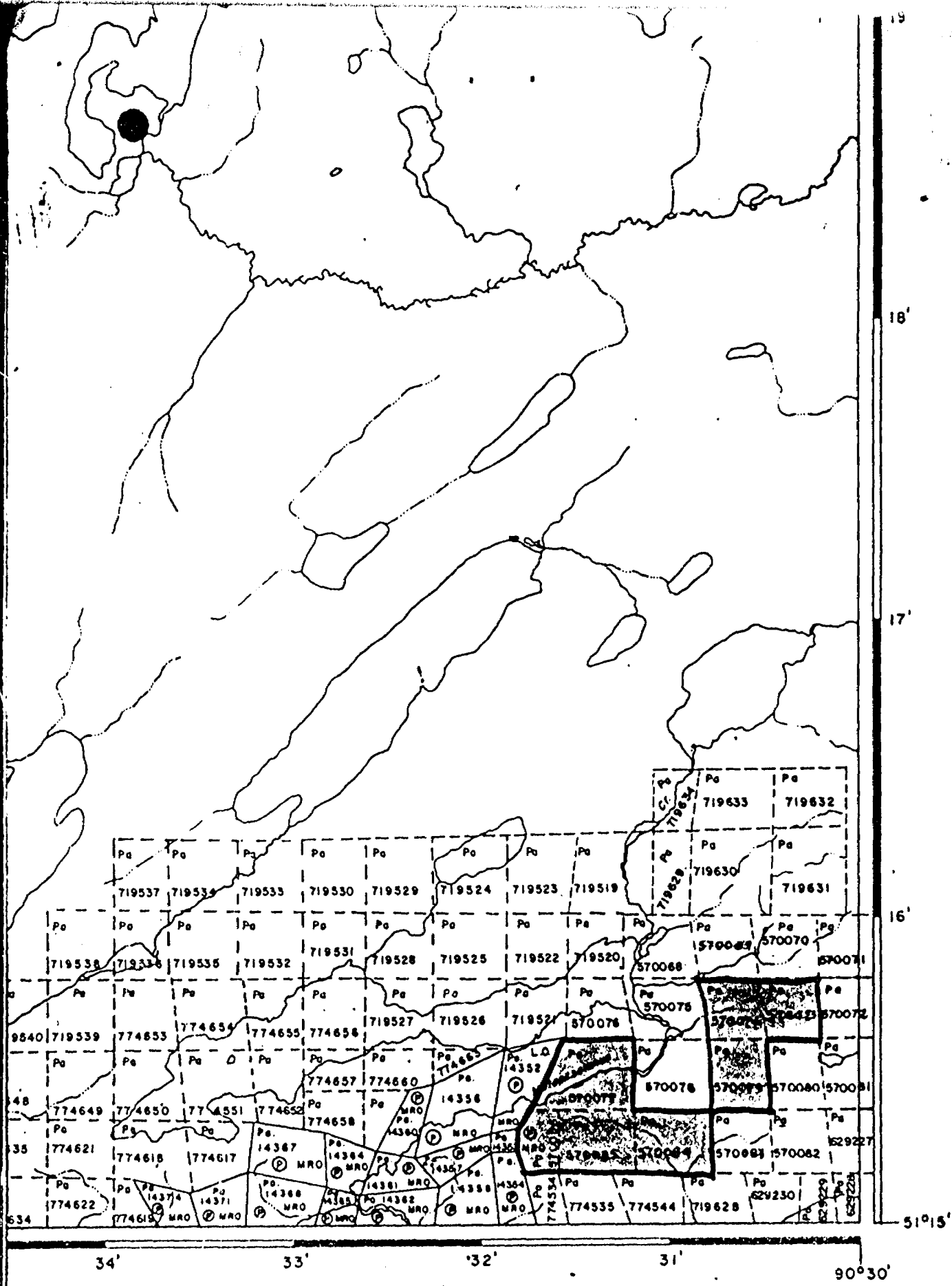
Assayer:

Paul Okanski



52007SE0012 52007SE0020 CALEY LAKE

900



Caley Lake G 1975

Assess. Library

Caley Lake G 1975

#85-16

REVISED

520/075E

Instructions -- Supply required data on a separate form for each type of work to be recorded (see table below).
- For Geo-technical work use form no. 1362 "Report of Work (Geological, Geophysical, Geochemical and Expenditures)".

The Mining Act

Name and Postal Address of Recorded Holder Moss Resources Ltd. 804-34 King St. East, Toronto, Ontario	Prospector's Licence No. T-1010 M5C 1E5
---	---

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed 4,996 ft.	Mining Claim			Work Days Cr.	Mining Claim			Work Days Cr.	Mining Claim			Work Days Cr.
	Prefix	Number			Prefix	Number			Prefix	Number		
for Performance of the following work. (Check one only)	See Attached Sheet				See Attached Sheet							
<input type="checkbox"/> Manual Work												
<input type="checkbox"/> Shaft Sinking Drifting or other Lateral Work.												
<input type="checkbox"/> Compressed Air, other Power driven or mechanical equip.												
<input type="checkbox"/> Power Stripping												
<input checked="" type="checkbox"/> Diamond or other Core drilling												
<input type="checkbox"/> Land Survey												

All the work was performed on Mining Claim(s): 570073, 570074, 570077, 570079, 570084, 570085, 570086

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

Contractor - Kenora Diamond Drilling
Kenora, Ontario

Core Size - AQ wireline

Machine - BB 51

Dates - August 7th - October 25th, 1984.

Geologist in Charge - John Adams
P.O. Box 250
Osgoode, Ontario
K0A 2W0

Number of holes - 20

Footage - 4,996 ft.

RECORDED
Carroll Horco
PATRICIA MINING DIV.
RECEIVED
JAN 21 1985
A.M. P.M.
7 8 9 10 11 12 1 2 3 4 5 6

P. 570068

Date of Report Jan. 17/85	Recorded Holder or Agent (Signature) <i>[Signature]</i>
------------------------------	--

Certification Verifying Report of Work

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

Name and Postal Address of Person Certifying
H.J. Hodge, 804-34 King St. East Toronto, Ontario M5C 1E5

Date Certified Jan 17/85	Certified by (Signature) <i>[Signature]</i>
-----------------------------	--

Table of Information/Attachments Required by the Mining Recorder

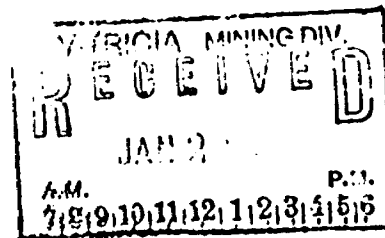
Type of Work	Specific information per type	Other information (Common to 2 or more types)	Attachments
Manual Work	Nil	Names and addresses of men who performed manual work/operated equipment, together with dates and hours of employment.	Work Sketch: these are required to show the location and extent of work in relation to the nearest claim post.
Shaft Sinking, Drifting or other Lateral Work			
Compressed air, other power driven or mechanical equip.	Type of equipment	Names and addresses of owner or operator together with dates when drilling/stripping done.	Work Sketch (as above) in duplicate
Power Stripping	Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.		
Diamond or other core drilling	Signed core log showing; footage, diameter of core, number and angles of holes.	Nil	Nil
Land Survey	Name and address of Ontario land surveyor.		

Pa 570068 ~~167~~ 160
570069 167
570070 167
570071 167
570072 167
570073 167
570074 167
570075 ~~167~~ 160

Pa 570076 167
570077 167
570078 167
570079 167
570080 167
570081 167
570082 167
570083 167

Pa 570084 167
570085 167
570086 167
629227 167
629228 167
629229 167
629230 167

Pa 719628 167
719629 167
719630 167
719631 167
719632 167
719633 167
719634 167



4,996 ft.

Ben Lake

20[✓] holes

Claim No.

Hole No.

Footage

570073[✓]

BL-84-1[✓]

302[✓]

BL-84-2[✓]

202[✓]

BL-84-3[✓]

451[✓]

BL-84-4[✓]

437[✓]

1392

570074[✓]

BL-84-5[✓]

424[✓]

BL-84-6[✓]

225[✓]

BL-84-11[✓]

202[✓]

BL-84-10[✓]

200[✓]

1051

570084[✓]

BL-84-7[✓]

207[✓]

BL-84-8[✓]

200[✓]

407

570085[✓]

BL-84-9[✓]

201[✓]

BL-84-13[✓]

210[✓]

BL-84-18[✓]

200[✓]

BL-84-17[✓]

212[✓]

BL-84-16[✓]

200[✓]

1023

570077

BL-84-19[✓]

212[✓]

BL-84-20[✓]

213[✓]

425

570086[✓]

BL-84-14[✓]

201[✓]

BL-84-15[✓]

200[✓]

401

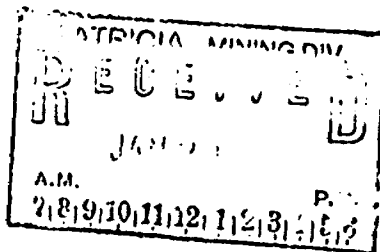
570079[✓]

BL-84-12[✓]

297[✓]

247

4,996 ft.



**FOR ADDITIONAL
INFORMATION**

SEE MAPS:

520/07SE-0020 # 1-5

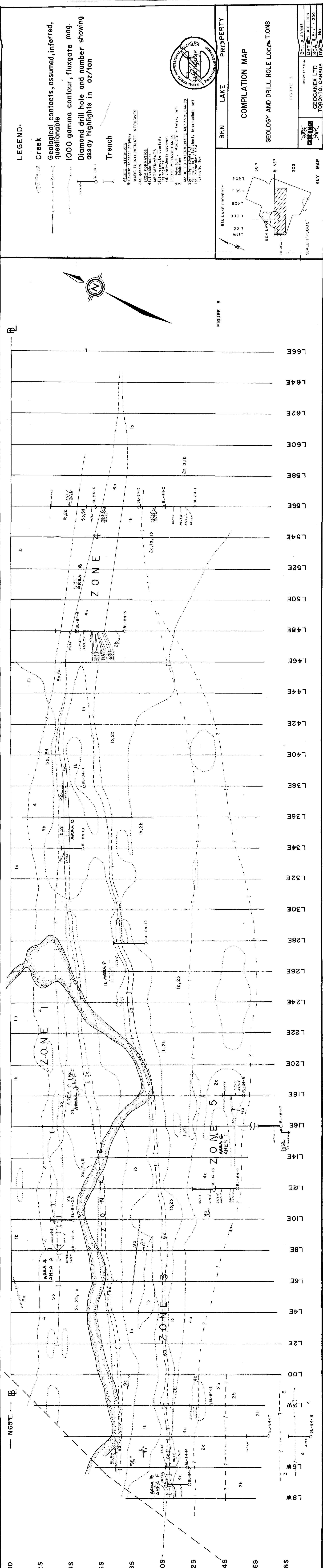


FIGURE 3

LEGEND:

- Creek
- Geological contacts, assumed, inferred, questionable
- 1000 gamma contour, fluxgate mag.
- Diamond drill hole and number showing assay highlights in oz/ton
- Trench

FELSIC INTRUSIVES
9000000-TRIGOROPHOPY

MAFIC TO INTERMEDIATE INTRUSIVES
800 00000

IRON FORMATION
600 000 000

METASEDIMENTS
500 000 000
(a) argillite
(b) argillite
(c) argillite
(d) argillite

FELSIC METAVOLCANICS
400 000 000
3 1000000-41000000 felsic tuff
2 1000000-41000000 felsic tuff
1 1000000-41000000 felsic tuff

MAFIC TO INTERMEDIATE METAVOLCANICS
200 1000000-41000000 cherty intermediate tuff
100 1000000-41000000 intermediate tuff
10 1000000-41000000 mafic flow

REGISTERED PROFESSIONAL ENGINEER
DAVID HODGE
PROVINCIAL SOCIETY OF ENGINEERS

BEN LAKE PROPERTY

COMPILATION MAP

GEOLOGY AND DRILL HOLE LOCATIONS

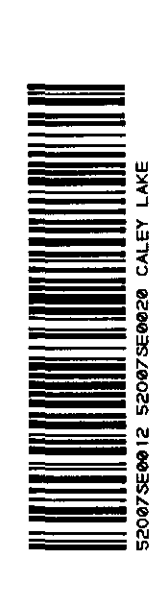
KEY MAP

SCALE 1" = 5000'

FIGURE 3

BY: J. ADAMS
DATE: DEC. 1984
SCALE: 1" = 200'
GEOCANEX LTD
TORONTO, CANADA
DRAWING NO.

520/07SE-0020, #1



520/07SE-0020, #2

-27-

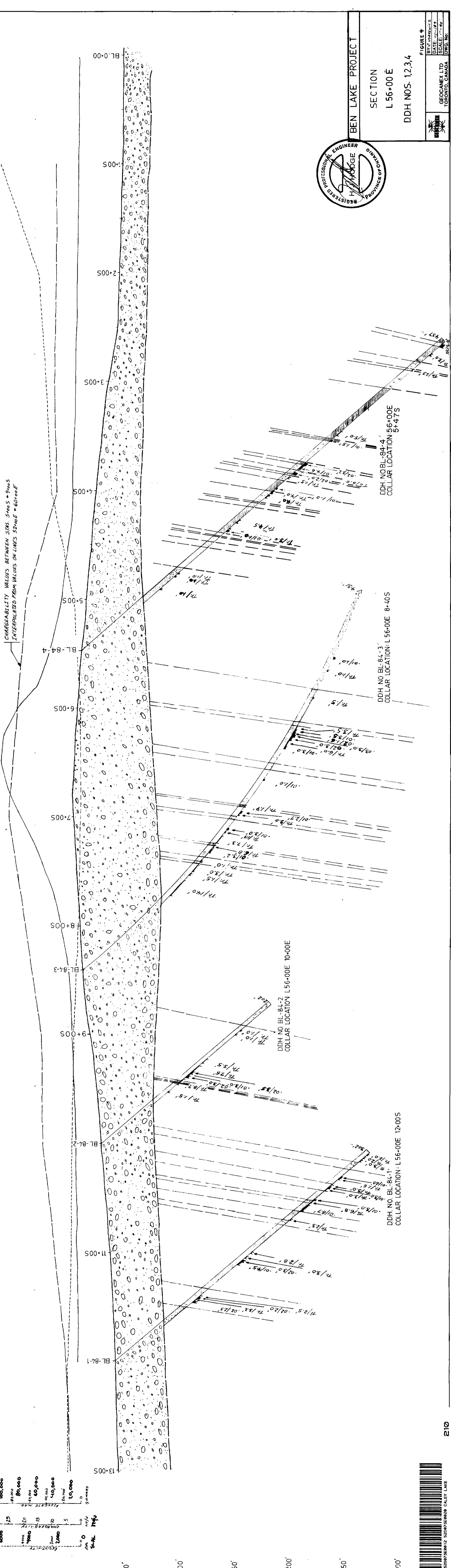
TABLE 2

LEGEND

- For Drill Sections - Ben Lake
Drill Program 1984

- OVERBURDEN
- QUARTZ VEINS
- BANDED IRON FORMATION
- GREYWACKE
- ARGILLACEOUS METASEDIMENTS + GRAPHITE
- ARGILLACEOUS + TUFFACEOUS METASEDIMENTS
- FELSIC TUFF
- FELSIC INTRUSIVE - SILL
- FELSIC FLOW
- INTERMEDIATE TUFF
- INTERMEDIATE INTRUSIVE - SILL
- INTERMEDIATE FLOW
- MAFIC TUFF WITH ARGILLACEOUS INTERBEDS
- MAFIC TUFF
- MAFIC INTRUSIVE - GABBRO, DIABASE
- MAFIC FLOW

- GROUND MAGNETOMETER READING -
- scintrex - MF-2
- magnetometer valves in gammas
- VLF conductor - EN-16



520/07SE-0020, #3

Figure 5
 BY: J. Adams
 DATE: 10/1/84
 SCALE: 1" = 40'
 DWG. NO.

REGISTERED PROFESSIONAL ENGINEER
 H. HODGE
 PROVINCE OF ONTARIO

GEOCANEX LTD
 TORONTO, CANADA

SECTION
 L 48+00E
 DDH. NOS. 5, 6

DDH. NO. BL-84-6
 COLLAR LOCATION: L48+00E 4+39 S

DDH. NO. BL-84-5
 COLLAR LOCATION: L48+00E 7+40 S

BEN LAKE PROJECT

TABLE 2
 -27-
 LEGEND - For Drill Sections - Ben Lake
 Drill Program 1984

- OVERBURDEN
- QUARTZ VEINS
- BANDED IRON FORMATION
- GREYWACKE
- ARGILLACEOUS METASEDIMENTS + GRAPHITE
- ARGILLACEOUS + TUFFACEOUS METASEDIMENTS
- FELSIC TUFF
- FELSIC INTRUSIVE - SILL
- FELSIC FLOW
- INTERMEDIATE TUFF
- INTERMEDIATE INTRUSIVE - SILL
- INTERMEDIATE FLOW
- MAFIC TUFF WITH ARGILLACEOUS INTERBEDS
- MAFIC TUFF
- MAFIC INTRUSIVE - GABBRO, DIABASE
- MAFIC FLOW

GROUND MAGNETOMETER READING -
 scintrex - MF-2
 magnetometer valves in gammas
 VLF conductor - EM-16

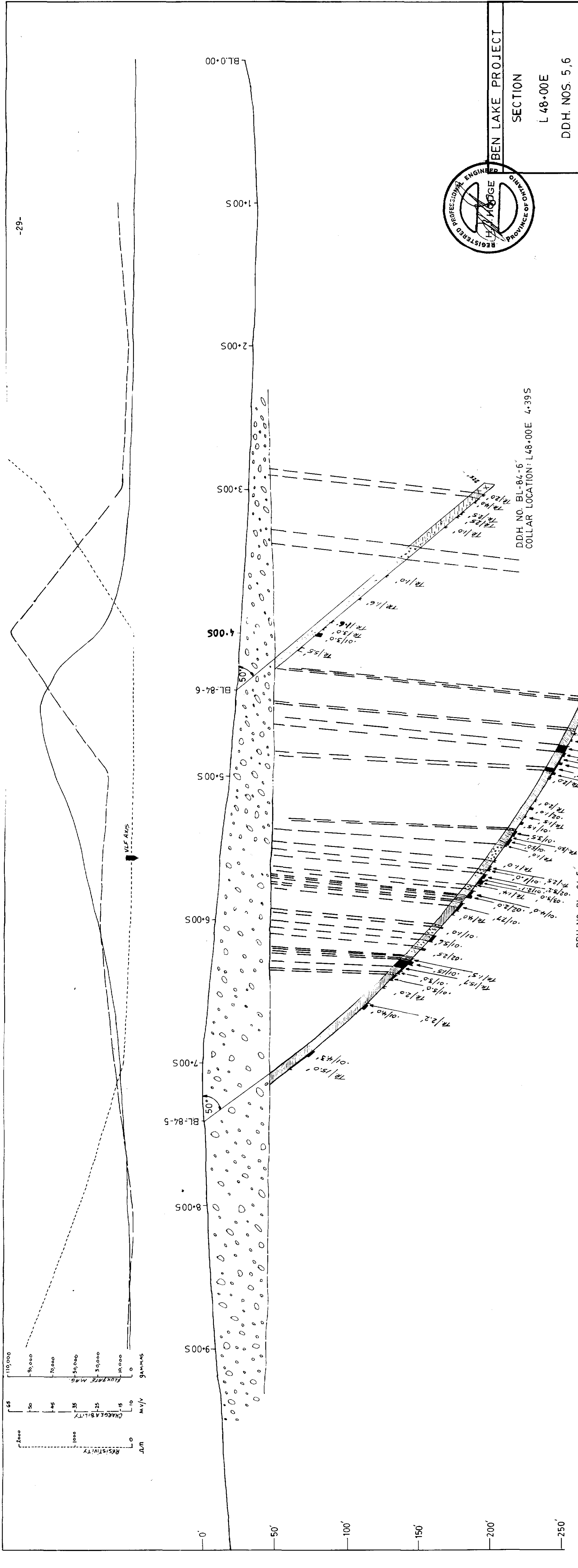
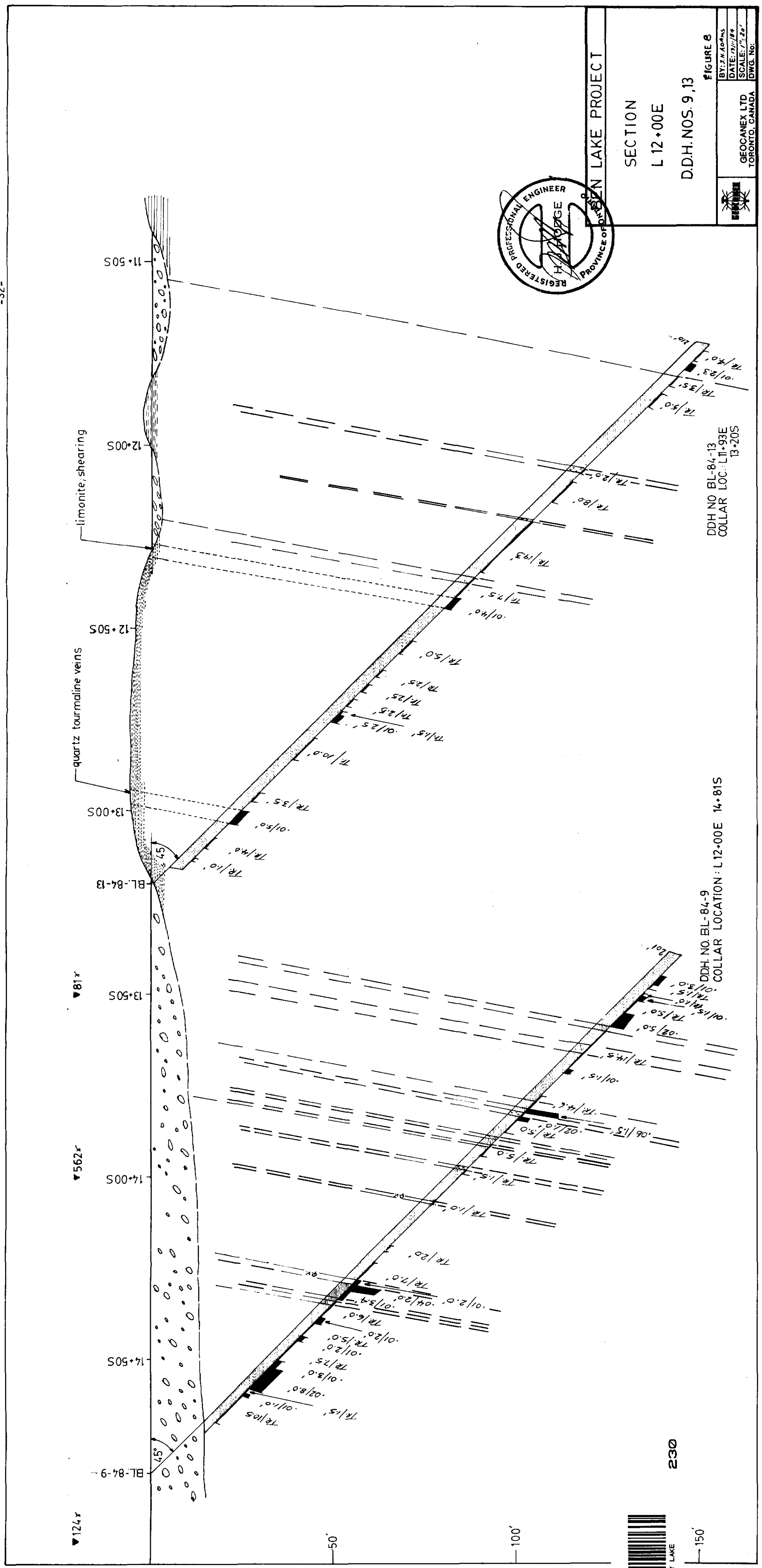


TABLE 2
 - For Drill Sections - Ben Lake
 Drill Program 1984

	OVERBURDEN
	QUARTZ VEINS
	BANDED IRON FORMATION
	GREYWACKE
	ARGILLACEOUS METASEDIMENTS + GRAPHITE
	ARGILLACEOUS + TUFFACEOUS METASEDIMENTS
	FELSIC TUFF
	FELSIC INTRUSIVE - SILL
	FELSIC FLOW
	INTERMEDIATE TUFF
	INTERMEDIATE INTRUSIVE - SILL
	INTERMEDIATE FLOW
	MAFIC TUFF WITH ARGILLACEOUS INTERBEDS
	MAFIC TUFF
	MAFIC INTRUSIVE - GABBRO, DIABASE
	MAFIC FLOW
	GROUND MAGNETOMETER READING - scintrex - MF-2
	magnetometer valves in gammas
	VLF conductor - EM-16

520/07SE-0020, #4



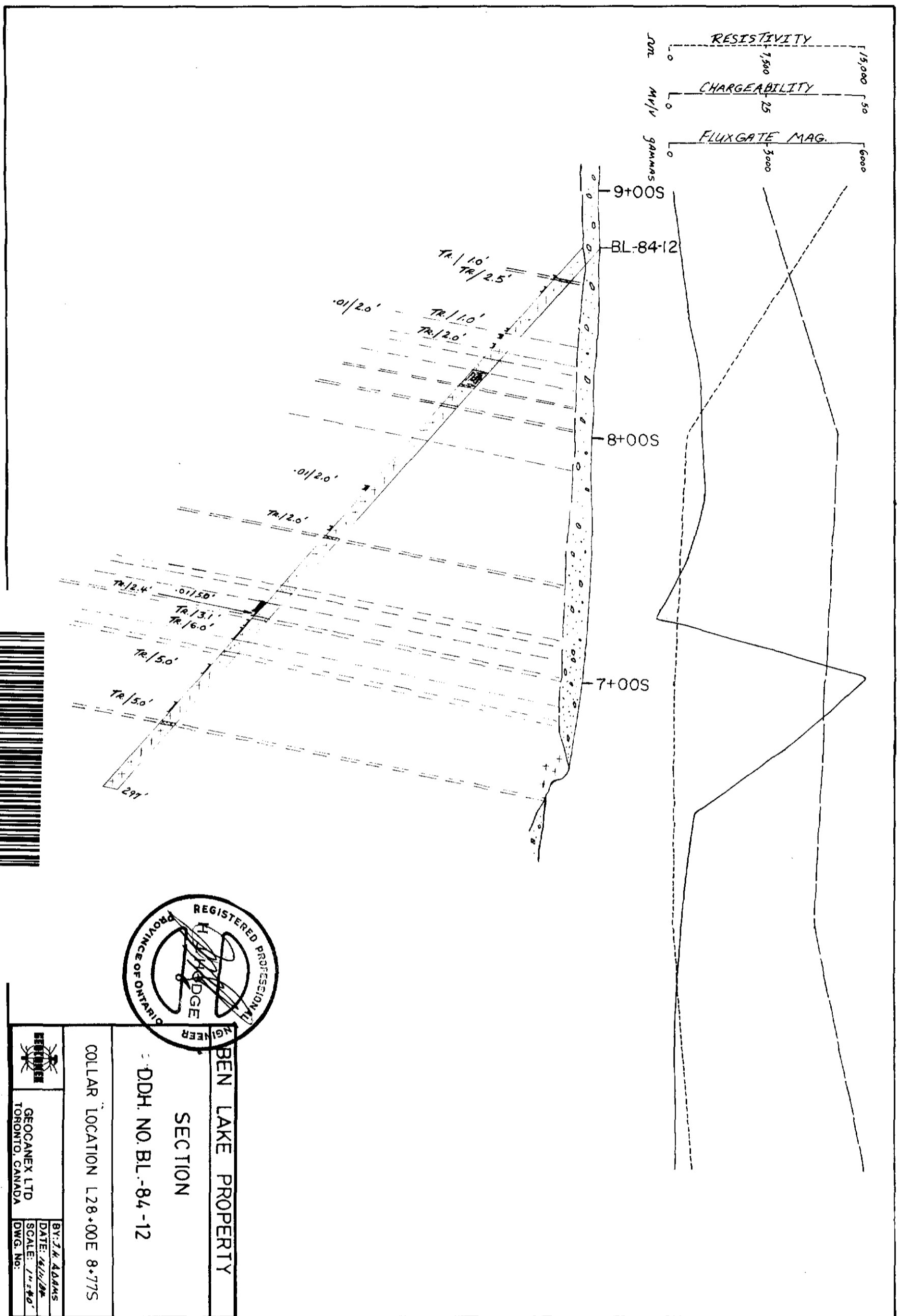


TABLE 2

LEGEND - For Drill Sections - Ben Lake
Drill Program 1984

	OVERBURDEN
	QUARTZ VEINS
	BANDED IRON FORMATION
	GREYWACKE
	ARGILLACEOUS METASEDIMENTS + GRAPHITE
	ARGILLACEOUS + TUFACEOUS METASEDIMENTS
	FELSIC TUFF
	FELSIC INTRUSIVE - SILL
	FELSIC FLOW
	INTERMEDIATE TUFF
	INTERMEDIATE INTRUSIVE - SILL
	INTERMEDIATE FLOW
	MAFIC TUFF WITH ARGILLACEOUS INTERBEDS
	MAFIC TUFF
	MAFIC INTRUSIVE - GABBRO, DIABASE
	MAFIC FLOW
	GROUND MAGNETOMETER READING - scintrex - MF-2
	VLF conductor - EM-16 magnetometer valves in gammas

520/07SE-0020, #5

