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List of Maps and Figures

INTRODUCTION

The Rowan Lake property is underlain by Early Precambrian metavolcanic rocks and actually straddles a major transition in the volcanic rock chemistry from tholeiitic to mixed calcalkaline and tholeiitic. This boundary between oceanic volcanics and an overlying stratovolcano is typically the locus of many Early Precambrian gold deposits.

Gold deposits recently explored on the nearby Cameron Lake and Monte Cristo properties are contained within altered shear zones which also appear to underlie the Rowan Lake property. Chances for the occurrence of similar gold mineralization on the Rowan Lake property are excellent.

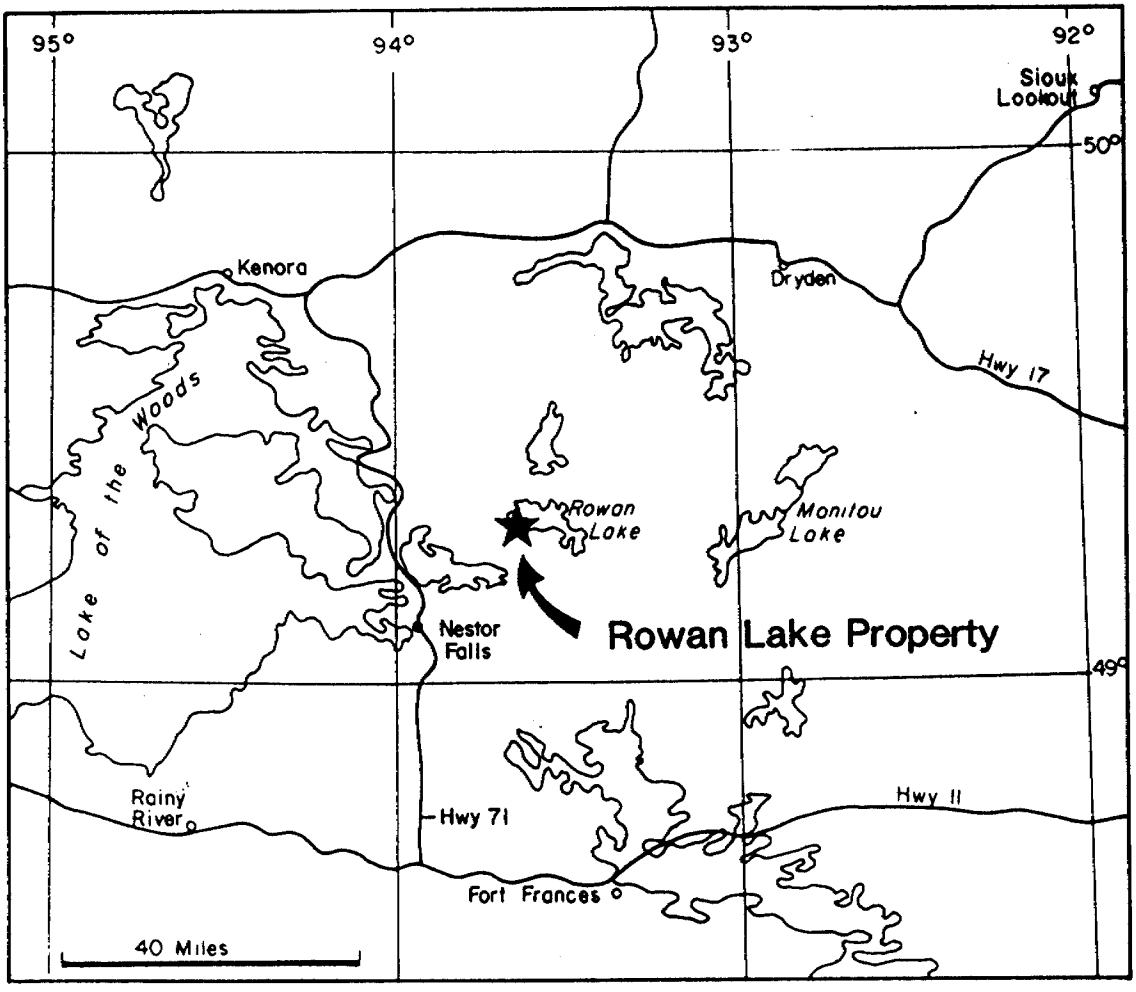
A 57 hole, 8756 foot reverse circulation overburden drill programme was conducted from February 8 to March 14, 1985 for the Silver Lake Resources Inc. - Del Norte Chrome Corp. joint venture. This programme administered by Nuinsco Resources was part of a larger programme designed to investigate the glacial dispersion patterns of gold beneath Sullivan Bay in hope of defining new drill targets. The programme has proven successful, and the results of this work are presented in this report.

Location and Access

The property is located approximately 20 miles northeast of the town of Nestor Falls on Highway 71, and approximately 55 miles southeast of Kenora, Ontario (Figure 1). The property straddles Sullivan Bay on Rowan Lake and several smaller bays and scattered islands (Figure 2).

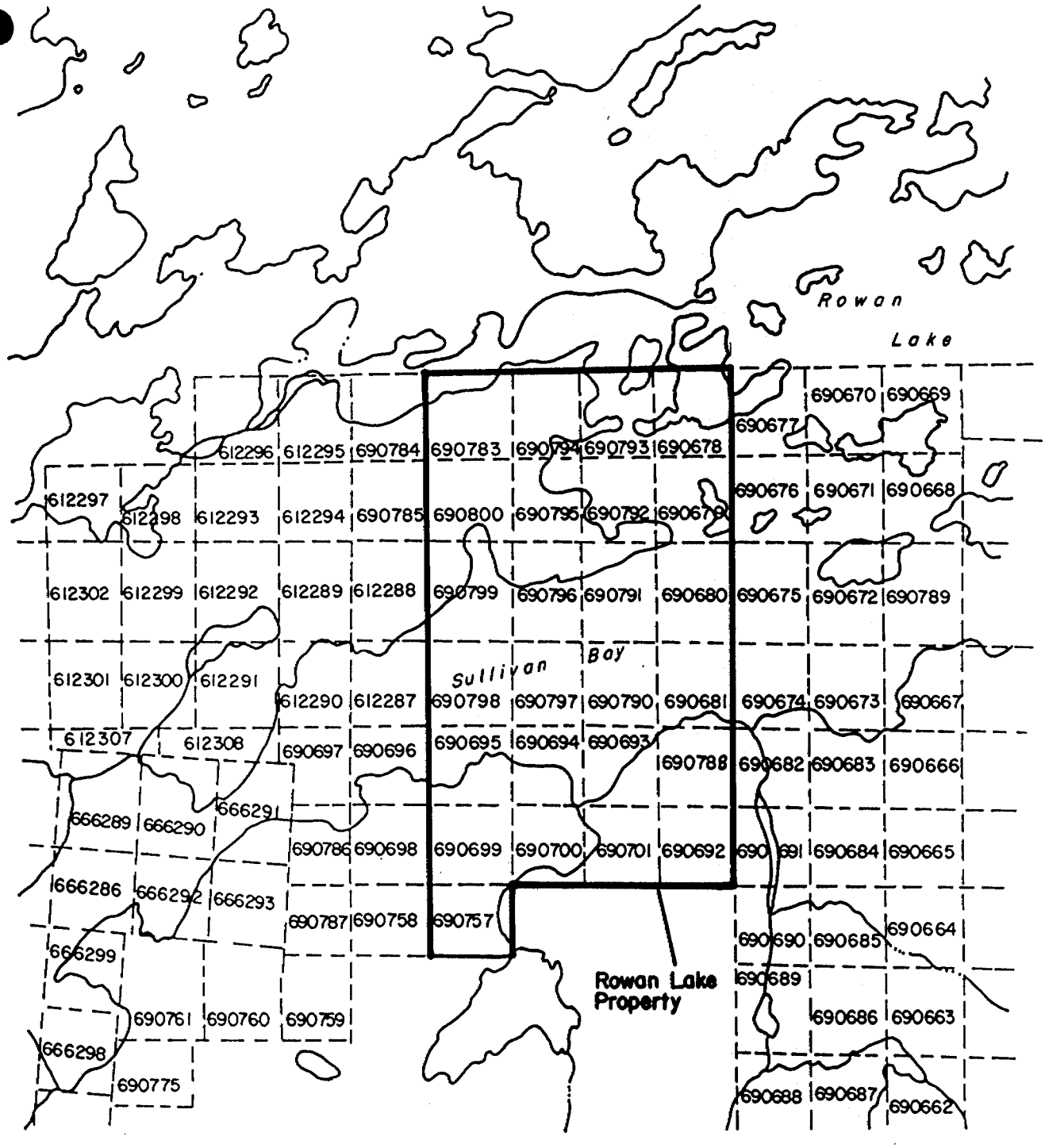
Access is provided by float equipped fixed wing aircraft available in Nestor Falls. A winter ice road is maintained to Nuinsco's Cameron Lake and Monte Cristo camps as well as tourist camps situated on Rowan Lake. Nuinsco Resources have completed construction of a private all-weather road to the Cameron Lake camp.

Rowan Lake Lodge, located approximately 1 1/4 miles north of the property, is equipped with a radio telephone.



LOCATION MAP

FIG. 1



SILVER LAKE – DEL NORTE JOINT VENTURE

ROWAN LAKE PROPERTY

District of Kenora, Ontario N.T.S. 52F/5

CLAIM INDEX

0 1/2 1 miles

From O.M.N.R. Map M2585 "Dogpaw Lake"

Figure 2

Property

The Rowan Lake property was staked by a prospecting syndicate which recorded the claims on January 6, 1983. Subsequently, Del Norte Chrome Corporation purchased the property for 200,000 common shares of Del Norte and a 3% net smelter royalty.

In early 1984, Silver Lake Resources Inc. acquired an option to earn a 50% interest in the property by expending $250,000 on exploration by April 1, 1985. The group comprises twenty-five contiguous unpatented mining claims:

K 690678 - K 690681 inclusive,
K 690692 - K 690695 inclusive,
K 690699 - K 690701 inclusive,
K 690790 - K 690800 inclusive,
K 690757, K 690783 and K 690788.

Over 200 days assessment has been applied to each claim prior to the present study to keep the claims in good standing until January 6, 1989.

Topography and Vegetation

Approximately half of the property is covered by portions of Rowan Lake. The half mile wide, east-west trending Sullivan Bay portion, is up to 100 feet deep with 20 to 100 feet of silt, clay, and glacial deposits. The land portions of the property are approximately bisected by Sullivan Bay. Outcrop is most abundant on the northern penninsula where a series of northeasterly trending ridges of outcrop are separated by low cedar swamps with a local relief of approximately 60 feet. Ridge tops tend to be pine covered with spruce covering the hillsides. Shoreline outcrop is well exposed on the northern penninsula.

The southern half of the property has a local relief of 100 feet. The surface rises gently from an alder and manitoba maple vegetated low on Sullivan Bay to a high spruce and pine covered ridge on the south boundary of the property. Several low outcrops are scattered throughout this area. Rock exposure is poor along the south shoreline of Sullivan Bay.

HISTORY AND PREVIOUS WORK

The Rowan Lake area was originally mapped by Burwash (1933) and Thompson (1935, 1938) at a scale of 1 inch to 1 mile. Mapping of Johnson (1960) at 1 inch to 1/2 mile, and Davies (1967), 1 inch to 1/2 mile includes part of the Rowan Lake area. Most recently, Kaye (1973), mapped the area at a scale of 1 inch to 1/2 mile.

Gold exploration has been carried out sporadically in the Kenora-Rowan Lake areas since the turn of the century, and for base metals since the 1950's. A number of small gold mines were opened up in the early 1900's, but no major deposits were outlined. In 1960, two prospectors working for Noranda Mines discovered gold near Cameron Lake. Noranda drilled the property in 1960-61 and again with a second drill programme in 1974 under an option agreement with Zahavy Mines Ltd. Nuinsco Resources acquired the property in 1980 and have since that time successfully outlined reserves of 2 million tons grading better than 0.10 oz Au per ton. This deposit lies approximately 5 miles southwest of, and along strike with the Rowan Lake property.

The Victor Island and Monte Cristo deposits occur respectively 4500 and 8400 feet east of the Rowan Lake property. Gold was first reported to occur in a strong shear zone on the Monte Cristo claim in 1899. In 1931, due to lower water levels, the gold bearing shear zone was exposed over a width of 20 feet and traced for over one mile. Nuinsco Resources acquired the claims surrounding the showings and have obtained encouraging results during their 1983, 1984, and 1985 drill programmes (i.e., drill hole NM 25 cut 42.6 feet of 0.27 oz per ton Au, [Northern Miner Press, April 12, 1984]).

A search of the Toronto assessment files revealed that no assessment work had been filed on the the property prior to its recent acquisition. However field investigations have located several ancient trenches and claim posts.

CURRENT EXPLORATION

Aerodat airborne Magnetometer and V.L.F.E.M. surveys were conducted in late 1983 on behalf of Del Norte Chrome Corp. Upon acquisition of its option in 1984, Silver Lake Resources Inc., commissioned ground V.L.F.E.M., Magnetometer, and Induced Polarizations surveys. In April 1984, Silver Lake Resources Inc. and Nuinsco Resources drilled a joint venture hole on their common boundary in Sullivan Bay in an effort to extend the known length of the Monte Cristo and Victor Island shear zones. Anomalous gold mineralization coincident with shearing was located in a similar stratigraphic setting. The above mentioned work was previously summarized in a report by Goodwin (1984). Geological mapping and soil sampling were conducted over an eleven day period in June 1984 by Silver Lake Resources Inc., this work has been summarized in a report by (Burden, 1985a). In early 1985, a four hole 3,080 foot drill programme was conducted across Sullivan Bay to test the extention of the Monte Cristo shear zone (Burden, 1985b). A programme of detailed soil sampling, rock sampling and mapping was carried out during September and October 1985 (Burden, 1985c). A third diamond drilling programme was conducted in early 1986 to assess targets defined by the detailed work carried out in the fall of 1985 (Burden, 1986).

GEOLOGY

Regional Geology

Rowan Lake is near the western extremity of the Early Precambrian, Savant Lake-Crow Lake belt of metamorphosed volcanic and sedimentary rocks (Figure 3). This wide belt of metamorphosed mafic to felsic flows and associated pyroclastic rocks is intruded by near-comformable dykes and sills of gabbro and quartz-feldspar porphyry. The Nolan Lake Stock, dominantly composed of quartz monzonite, intrudes the volcanic sequence south of Rowan Lake. Metamorphism is dominantly lower to upper greenschist facies. An aureole of amphibolite grade metamorphism, encircles the granitic intrusion.

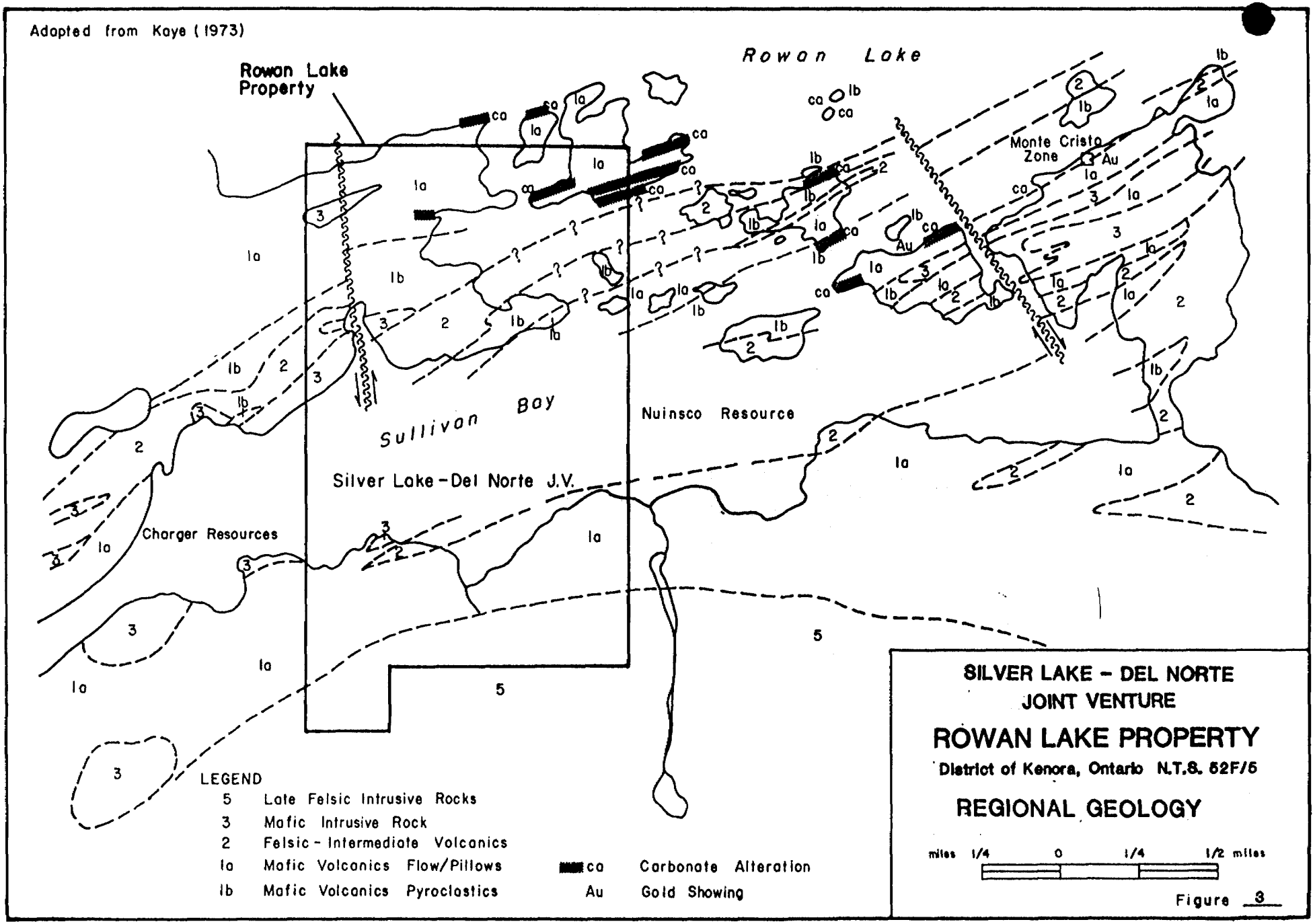

Adopted from Kaye (1973)
Rowan Lake Property
Rowan Lake
Monte Cristo Zone
Sullivan Bay
Silver Lake-Del Norte J.V.
Nuinsco Resource
Charger Resources
LEGEND
5 Late Felsic Intrusive Rocks
3 Mafic Intrusive Rock
2 Felsic - Intermediate Volcanics
1a Mafic Volcanics Flow/Pillows
1b Mafic Volcanics Pyroclastics
ca Carbonate Alteration
Au Gold Showing
SILVER LAKE - DEL NORTE JOINT VENTURE
ROWAN LAKE PROPERTY
District of Kenora, Ontario N.T.S. 52F/5
REGIONAL GEOLOGY
miles 1/4 0 1/4 1/2 miles

Figure 3

REVERSE CIRCULATION OVERBURDEN DRILLING

Over the period of February 8 through March 14, 1986, 57 reverse circulation overburden drill holes were completed across the Sullivan Bay portion of the Rowan Lake property. Initial drill section lines were spaced at 600', with drill holes separated along these lines at 200' intervals. Drilling was restricted to those sections of Sullivan Bay underlain by the presumed extension of the Monte Cristo shear.

Nuinsco Resources personnel administering the project logged and sampled all clastic material from sand to till, boulders and ubiquitous glaciolacustrine clays were left unsampled. In addition, samples of bedrock were taken from all completed holes.

Overburden samples were sent to Overburden Drilling Management Ltd. in Ottawa for processing. This involved (i) shaking table concentration, (ii) heavy liquid separation, and (iii) magnetic separation. If free gold grains were observed in shaking table concentrations, the samples were then panned. All free gold grains were measured and classified as delicate, irregular, or abraded. Sauerbrei et al (1985) indicate that the classification of delicate, irregular, or abraded corresponds to transport of less than 100 metres, 100-300 metres, and greater than 300 metres respectively from source.

Upon completion of processing, Overburden Drilling Management Ltd. forwarded the heavy metal separates to Bondar-Clegg Ltd. for gold analysis by the fire assay-atomic absorption method. The results obtained from both Overburden Drilling Management Limited, and Bondar-Clegg Ltd. are appended to this report.

DISCUSSION OF RESULTS

Reverse circulation drilling and sampling of overburden has resulted in new information concerning; i) glacial stratigraphy, ii) depth to bedrock, iii) till geochemistry and iv) the dispersion and characteristics of visible gold grains.

Jones (1986) describes the Quaternary stratigraphy of Sullivan Bay as being composed of a basal till unit with areally restricted glaciofluvial sand and gravel lenses topped with a ubiquitous glaciolacustrine clay. Locally, sand and gravel lenses occur interbedded within till leading one to speculate there may have been more than one episode of till deposition or an ice contact environment existed. Reverse circulation drill logs, drill sections and plan map are appended to this report.

Depth to bedrock beneath Sullivan Bay has been contoured across the Rowan Lake property. Figure 4, indicates an ellipsoid shaped depression underlies the Silver Lake - Del Norte claims. This interpretation of bedrock topography suggests that the northern portion of this depression is extremely steep sided and may represent a fault scarp, or lithological boundary.

A histogram, produced by Nuinsco personnel of sample frequency versus gold analysis of all material sampled on their initial 156 hole reverse circulation drill programme indicates a bimodal population (Figure 5). The lower value population, consists of values less than 700 ppb Au; values less than 700 ppb will be considered for this report as background. The population of higher sample values consists of gold contents greater than 800 ppb, and they are considered anomalous.

Eighteen of the 104 samples taken across the Rowan Lake property proved to be anomalous in gold. Figure 6, depicts bedrock topography with both basal till and upper till sample results superimposed. This figure indicates a high concentration of anomalous and possibly anomalous material within the ends of the ellipsoid shaped depression. The greatest concentration of anomalous values are restricted to the western end, where a linear trend of anomalous gold in basal till occurs.

Au

Rowan Lake

Sullivan Bay

100

125

150

175

200

—150— Depth to bedrock

SILVER LAKE RESOURCES INC.

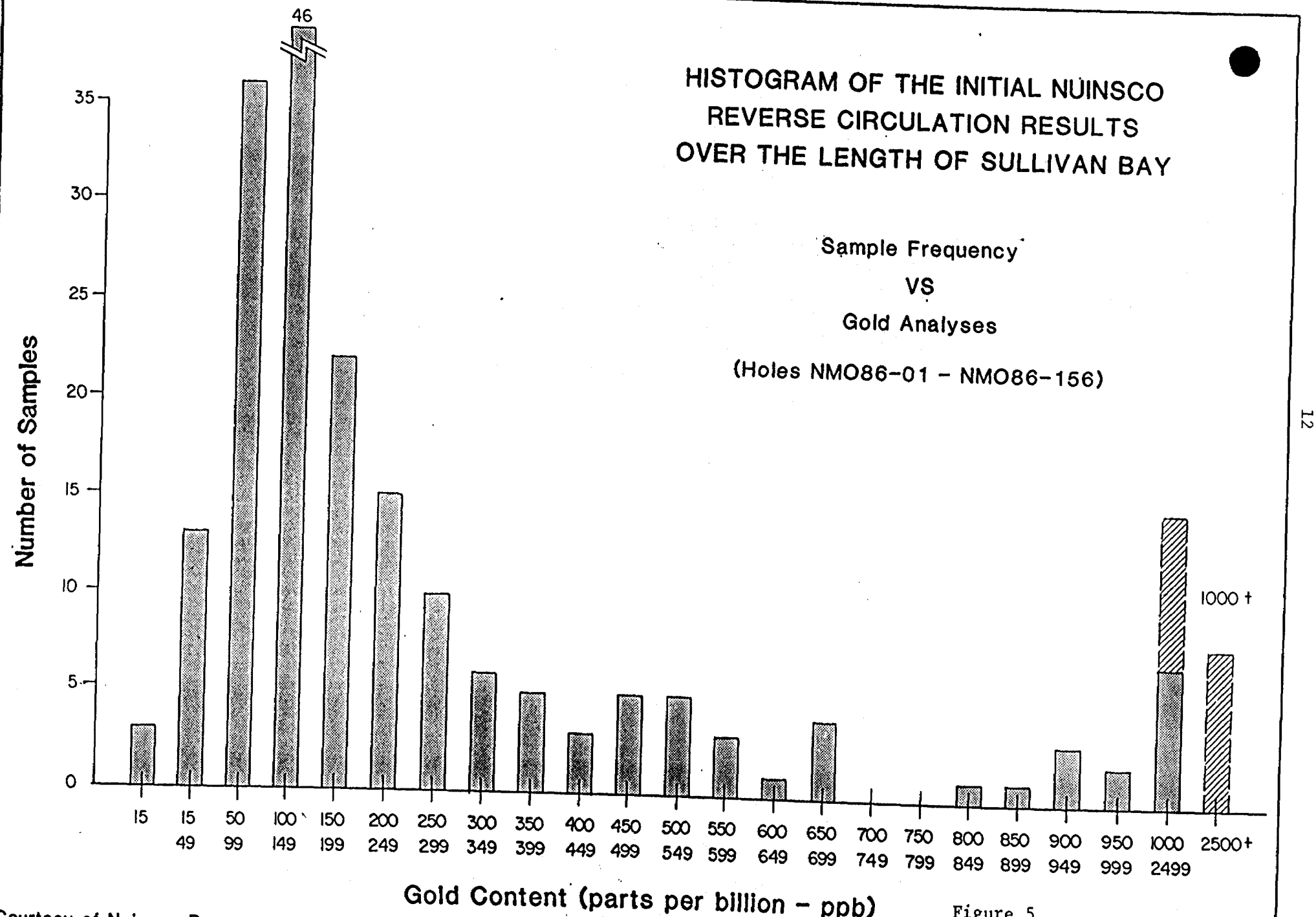
Rowan Lake Property

District of Kenora, Ontario
N.T.S. 52F/5

DEPTH TO BEDROCK CONTOURS

SCALE 1 inch = 500 feet

Date:	Geologist:	FIG #
June 1986	L. Burden	4



Courtesy of Nuinsco Resourses

Figure 5

Feb. 18/86

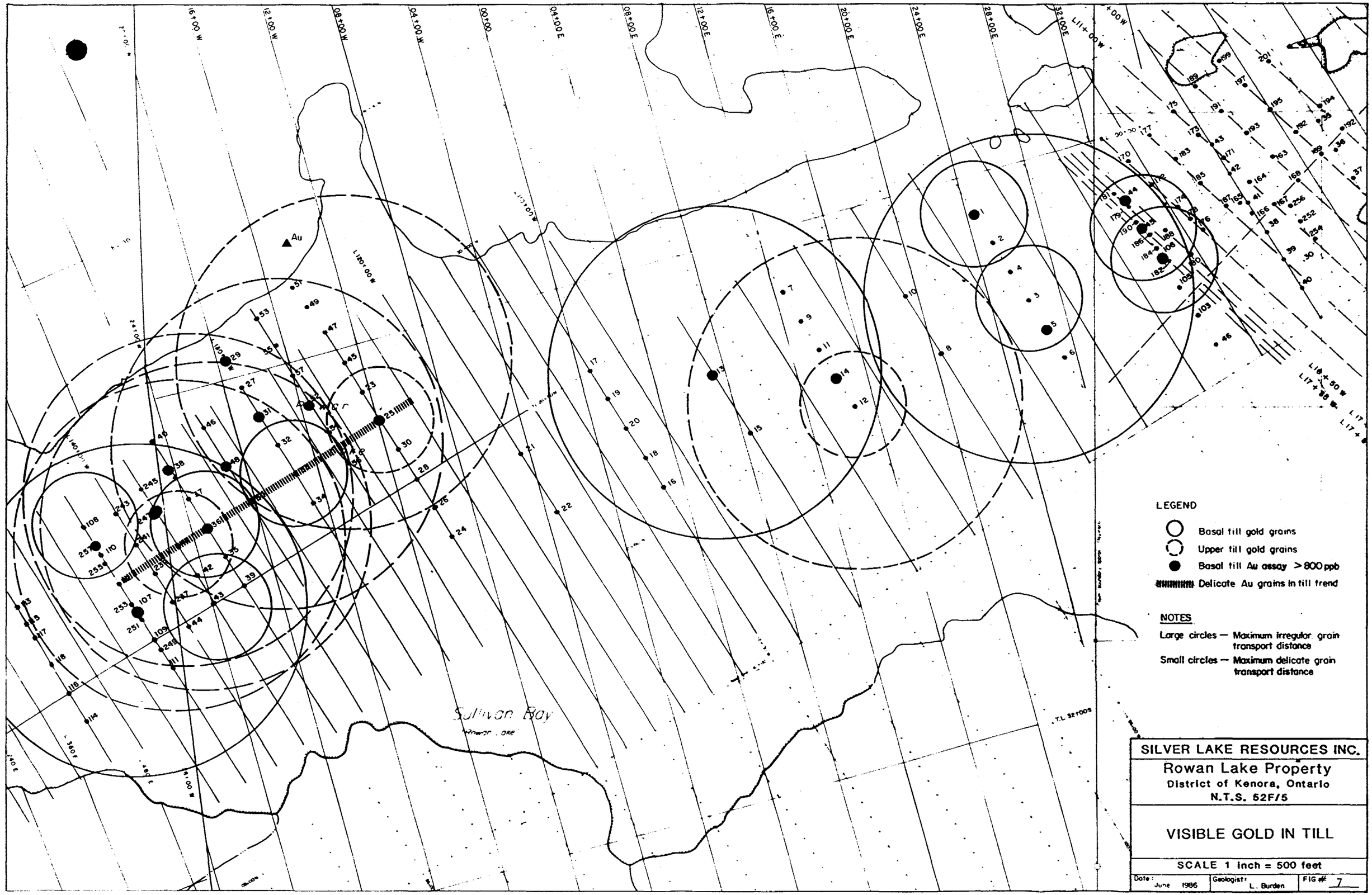
LEGEND

- > 800 ppb Au from basal till samples
- > 500 ppb Au from basal till samples
- > 800 ppb Au from upper till samples
- > 500 ppb Au from upper till samples
- —150— Depth to bedrock

SILVER LAKE RESOURCES INC.		
Rowan Lake Property District of Kenora, Ontario N.T.S. 52F/5		
DEPTH TO BEDROCK CONTOURS AND SAMPLING		
SCALE 1 inch = 500 feet		
Date: June 1986	Geologist: L. Burden	FIG # 6

Seventeen of the 104 overburden samples contained visible gold. Gold grains classified as delicate by Overburden Drilling Management Ltd. were observed in six holes. Sauerbrei et al (1985) consider grains classified as delicate to have been transported less than 100 metres from source. An additional four holes contained gold grains classified as irregular by Overburden Drilling Management Ltd. Similarly, Sauerbrei et al (1985), consider irregular shaped grains to have been transported between 100 and 300 metres from source.

Figure 7, depicts the estimated maximum transport distance of visible delicate and irregular gold grains obtained from reverse circulation overburden samples. A strongly anomalous linear trend is evident on the western portion of the Rowan Lake property.



SILVER LAKE RESOURCES INC.

Rowan Lake Property
District of Kenora, Ontario
N.T.S. 52F/5

VISIBLE GOLD IN TILL

SCALE 1 inch = 500 feet

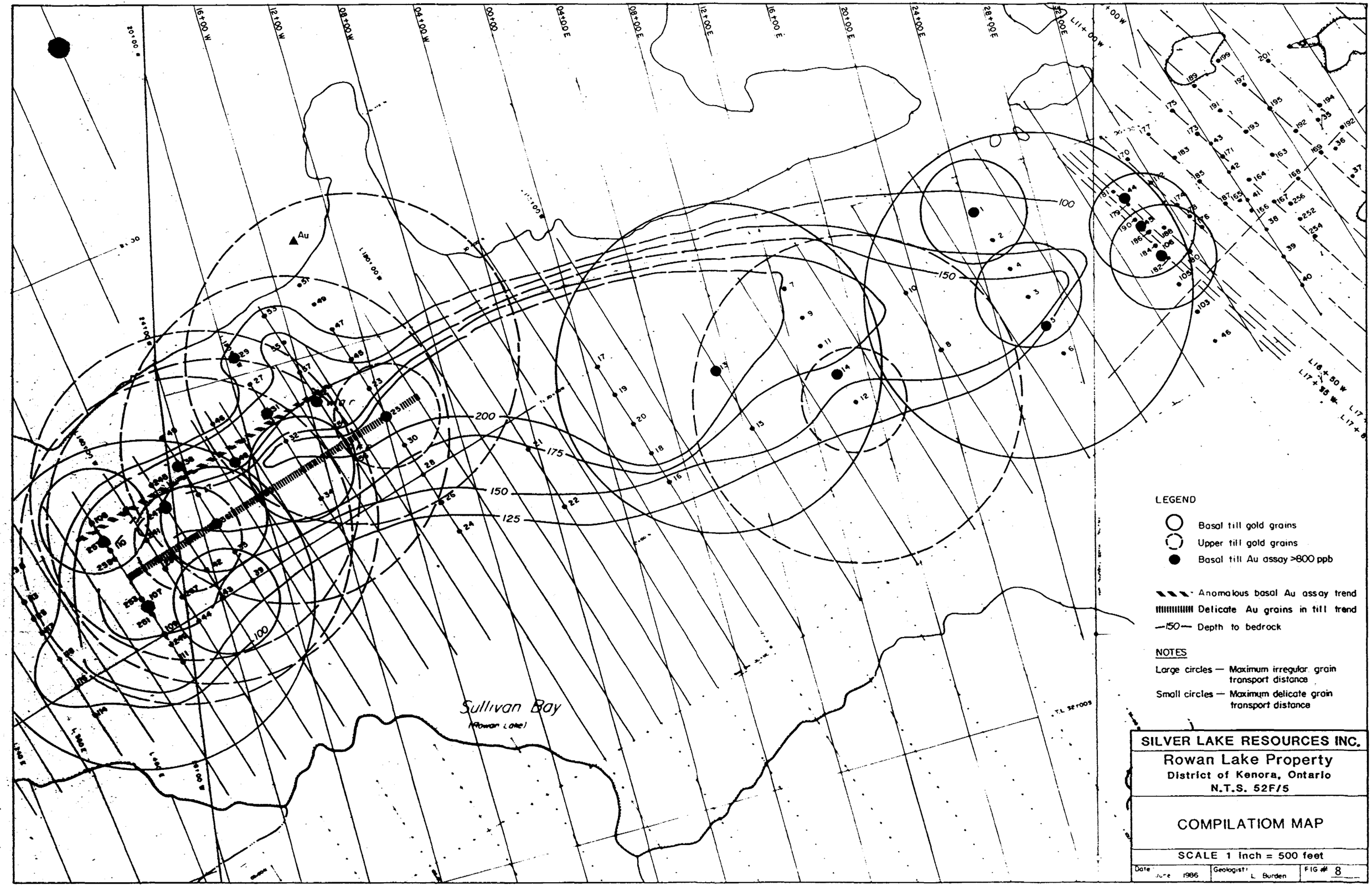
Date: June 1986	Geologist: L. Burden	FIG # 7

CONCLUSION AND RECOMMENDATIONS

A 8756 foot reverse circulation drilling and overburden sampling programme completed during the early part of 1986 indicates that two anomalous parallel trends occur beneath Sullivan Bay on the western portion of the Rowan Lake property (Figure 8). These trends, when projected towards ice spreading direction to the northeast, indicate that a hidden zone of gold mineralization occurs somewhere beneath Sullivan Bay, possibly in the vicinity of the steep sided depression underlying the bay.

A two phase winter exploration programme is recommended for early 1987. An initial 25 hole, 4400 foot programme of reverse circulation drilling and overburden sampling should commence as soon as ice conditions permit. This initial phase should further define the source of the anomalous dispersion trains, and in doing so will define diamond drill targets.

The second phase of the programme would involve 4000 feet of diamond drilling to test targets defined by the reverse circulation programme.


Au
Sullivan Bay
(Rowan Lake)
100
150
200
175
125
LEGEND
Basal till gold grains
Upper till gold grains
Basal till Au assay >800 ppb
Anomalous basal Au assay trend
Delicate Au grains in till trend
—150— Depth to bedrock
NOTES
Large circles — Maximum irregular grain transport distance
Small circles — Maximum delicate grain transport distance
SILVER LAKE RESOURCES INC.
Rowan Lake Property
District of Kenora, Ontario
N.T.S. 52F/5
COMPILATIOM MAP
SCALE 1 inch = 500 feet
Date June 1986
Geologist L. Burden
FIG # 8

ESTIMATE OF COSTS

Phase 1

4,400 feet of reverse circulation drilling @ $20.00/ft all inclusive		$ 88,000
	Contingency plus 10%	8,800
	Cost of Phase 1	$ 96,800

Phase 2

4,000 feet of diamond drilling @ $30.00/ft all inclusive		$120,000
	Contingency plus 10%	12,000
	Cost of Phase 2	$132,000
	Total Cost of Programme	$228,800

REFERENCES

Burden, L.D. (1986) — The 1986 DIAMOND DRILLING PROGRAMME ON THE ROWAN LAKE PROPERTY, DISTRICT OF KENORA; 1986, unplublished report for Silver Lake Resources Inc.

Burden, L.D. (1985a) — GEOLOGY AND SOIL GEOCHEMISTRY OF THE ROWAN LAKE PROPERTY, DISTRICT OF KENORA, 1984; unpublished report for Silver Lake Resources Inc.

Burden, L.D. (1985b) — THE 1985 DIAMOND DRILLING PROGRAMME ON THE ROWAN LAKE PROPERTY, DISTRICT OF KENORA; unpublished report for Silver Lake Resources Inc.

Burden, L.D. (1985c) — GEOLOGY AND SOIL GEOCHEMISTRY SURVEYS OF THE ROWAN LAKE PROPERTY, DISTRICT OF KENORA, 1985; unpublished report for Silver Lake Resources Inc.

Burwash, E.M. (1933) — GEOLOGY OF THE KAKAGI LAKE AREA; O.D.M., Vol. 42, pt. 4, p.41-92 (published 1934). Accompanied by Map 425, 1 inch to 1 mile.

Davies, J.C. (1967) — ATIKWA LAKE AREA (east half) DISTRICT OF KENORA; O.D.M., Prelim. Map P388, Geol. Ser., 1 inch to 1/4 miles.

Goodwin, J.R. (1984) — GEOPHYSICAL REPORT ON THE ROWAN LAKE PROPERTY FOR SILVER LAKE RESOURCES INC.; unpublished report for Silver Lake Resources Inc.

Johnston, W.G.Q. (1960) — ATIKWA-CAVIAR LAKES AREA, DISTRICT OF KENORA; O.D.M., Prelim. Map P84 Geol. Ser., 1 inch to 1/2 mile.

Jones, P.L. (1986) — REVERSE CIRCULATION OVERBURDEN DRILLING ON THE ROWAN LAKE GOLD PROPERTY (MONTE CRISTO PROJECT), DISTRICT OF KENORA, 1986; unpublished report for Nuinsco Resources Inc.

Kaye, L. (1973) — ROWAN LAKE AREA, DISTRICT OF KENORA; O.D.M., Prelim Map P832, Geol., Ser. 1 inch to 1/4 mile.

Sauerbrei, J.A., E.F. Pattison, Averill, S.A. (1985) — TILL SAMPLING IN THE CASA BERARD AREA, QUEBEC; A paper presented at the 11th International Geochemical Exploration Synposium Toronto, April 30, 1985.

Thomson, Jas. E. (1935) — GEOLOGY OF THE ROWAN-STRAW LAKES AREA; O.D.M., Vol. 44, pt. 4, p. 1-28 (published 1946). Accompanied by Map 44e, 1 inch to 1 mile.

PERSONAL DECLARATION

I, LORNE D. BURDEN, of 65 Hillside Drive, Apartment 402, East York, Ontario,

DO HEREBY CERTIFY THAT:

1. I am a consulting geologist.

2. I have worked in mineral exploration since 1979.

3. I am a graduate of the University of Toronto where I obtained a B.Sc. degree specializing in geological sciences in 1981.

4. I am a member of the Prospectors & Developers Assocation.

5. This report is based on personal examinations of the claim group in conjuction with a review of all available reports, maps and sections concerning the area.

DATED THIS 20th day of June, 1986.

LORNE D. BURDEN, B.Sc.

APPENDIX 1

OVERBURDEN DRILLING MANAGEMENT LIMITED
3 CLEOPATRA DR. NEPEAN, ONTARIO K2B 3H9

May 29, 1986

Mr. J. Trusler
Silver Lake Resources Inc.
Suite 2550, Box 77
Toronto Dominion Bank Tower
Toronto, Ontario
M5K 1E7

Dear Sir:

Please find enclosed the laboratory sample logs for the sample series SLO-86-41-01 to SLO-86-44-01. The non-magnetic heavy mineral concentrate for this series was forwarded to Bondar-Clegg for analysis on May 09, 1986.

Due to space restrictions we are now only able to store the remaining fractions for a period of 6 weeks. At which time we will return or dispose of the fractions as per your instructions.

The laboratory sample logs are in a new format as produced by our micro computer. To assist you, some of the new features are listed below:

- a "CONC. TOTAL" column, the sum of the NON-MAG and MAG
- a "NO. V.G." column, the number of visible gold grains
- a "CALC. PPB" column, the calculated ppb based on visible gold. Determined by a formula developed by Overburden Drilling
- a new format for the description of clasts and matrix.
- separate log for visible gold from shaking table and panning. V.G. is listed by size and shape along with calculated ppb.

If there are any problems or suggestions please do not hesitate to contact me.

Yours truly

Alistair Calvert

for Kevan Elcomb
Laboratory Manager

AC:ms

OVERBURDEN DRILLING MANAGEMENT LIMITED - LABORATORY SAMPLE LOG

ABBREVIATIONS

CLAST:

SIZE OF CLAST:

G:	GRANULES
P:	PEBBLES
C:	COBBLES
BD:	BOULDER CHIPS
BR:	BEDROCK CHIPS

% CLAST COMPOSITION

V/S	VOLCANICS AND SEDIMENTS
GR	GRANITICS
LS	LIMESTONE
OT	OTHER LITHOLOGIES (REFER TO FOOTNOTES BELOW)
TR	ONLY TRACE PRESENT
NA	NOT APPLICABLE

MATRIX:

S/U	SORTED OR UNSORTED				
SD	SAND	Y	YES FRACTION PRESENT	F:	FINE
ST	SILT	N	FRACTION NOT PRESENT	M:	MEDIUM
CY	CLAY			C:	COARSE

COLOR:

B:	BEIGE
GY:	GREY
GB:	GREY BEIGE
GN:	GREEN
GG:	GREY GREEN
BN:	BROWN
BK:	BLACK
OC:	OCHRE
PK:	PINK
OE:	ORANGE

DESCRIPTION:

BLR:	BOULDER CHIPS
BDK:	BEDROCK CHIPS

PAGE 1 SILVER LAKE MINES 86 03/25/86

OVERBURDEN DRILLING MANAGEMENT LIMITED

LABORATORY SAMPLE LOG

SAMPLE NO.	WEIGHT (KG.WET)			WEIGHT (GRAMS DRY)						AU	DESCRIPTION										CLASS
						M. I. CONC					CLAST				MATRIX						
	TABLE SPLIT	+10 CHIPS	TABLE FEED	TABLE CONC	M.I. LIGHTS	CONC. TOTAL	NON MAG	MAG	NO. V.G.	CALC PPB	SIZE	% V/S	% GR	% LS	% OT	S/U	SD	ST	CY	COLOR SD	COLOR CY	
SLO-86																					
01-01	5.5	0.9	4.6	166.4	145.6	20.8	15.7	5.1	0	NA	P	85	15	NA	NA	U	Y	Y	Y	GG	GG	TILL
-02	5.1	1.2	3.9	159.9	129.9	30.0	21.1	8.9	3	1762	P	85	15	NA	NA	U	Y	Y	Y	GG	GG	TILL
02-01	5.0	1.6	3.4	179.9	166.9	13.0	9.8	3.2	0	NA	C	80	20	NA	NA	U	Y	Y	Y	GG	GG	TILL
03-01	7.2	2.8	4.4	205.5	162.8	42.7	39.5	3.2	3	72	C	85	15	NA	NA	U	Y	Y	Y	GG	GG	TILL
04-01	6.2	2.1	4.1	115.5	99.0	16.5	12.6	3.9	0	NA	C	70	30	NA	NA	U	Y	Y	Y	GG	GG	TILL
05-01	6.8	0.4	6.4	214.0	177.6	36.4	27.8	8.6	0	NA	C	80	20	NA	NA	U	Y	Y	Y	GG	GG	TILL
06-01	2.0	0.8	1.2	99.7	92.0	7.7	6.0	1.7	0	NA	P	85	15	NA	NA	U	Y	Y	Y	GG	GG	TILL
07-01	1.4	0.5	0.9	134.4	132.8	1.6	1.2	0.4	0	NA	C	70	30	NA	NA	U	Y	Y	Y	GG	GG	TILL
-02	10.1	3.1	7.0	153.8	126.9	24.9	18.3	6.6	0	NA	C	80	20	NA	NA	U	Y	Y	Y	GG	GG	TILL
-03	11.0	2.6	8.4	216.3	191.0	25.3	17.5	7.8	0	NA	C	80	20	NA	NA	U	Y	Y	Y	GG	GG	TILL
09-01	9.3	2.4	6.9	160.6	133.2	27.4	20.6	6.8	0	NA	C	75	25	NA	NA	U	Y	Y	Y	GG	GG	TILL
10-01	5.1	0.4	4.7	147.2	121.1	26.1	20.1	6.0	0	NA	C	80	20	NA	NA	U	Y	Y	Y	GY	GY	TILL
-02	5.5	0.5	5.0	139.1	116.4	22.7	17.5	5.2	0	NA	C	70	30	NA	NA	U	Y	Y	Y	GY	GY	TILL
11-01	11.4	4.1	7.3	322.3	300.0	22.3	17.7	4.6	0	NA	C	95	5	NA	NA	U	Y	Y	Y	GG	GG	TILL
12-01	7.6	3.6	4.0	99.6	88.5	11.1	9.5	1.6	3	18	C	98	2	NA	NA	U	Y	Y	Y	GN	GN	TILL
-02	7.0	3.1	3.9	82.8	70.1	12.7	10.2	2.5	1	3	C	95	5	NA	NA	U	Y	Y	Y	GN	GG	TILL
13-01	2.2	1.0	1.2	67.9	65.7	2.2	1.9	0.3	0	NA	C	90	10	NA	NA	U	Y	Y	Y	GN	GG	TILL
-02	6.8	3.2	3.6	158.5	150.0	8.5	6.6	1.9	0	NA	C	95	5	NA	NA	U	Y	Y	Y	GN	GG	TILL
-03	12.4	4.3	8.1	190.4	166.3	24.1	19.1	5.0	0	NA	C	90	10	NA	NA	U	Y	Y	Y	GN	GG	TILL
-04	5.3	1.5	3.8	99.6	86.5	13.1	10.1	3.0	1	766	C	90	10	NA	NA	U	Y	Y	Y	GN	GG	TILL
14-01	3.1	1.8	1.3	137.3	125.7	11.6	10.6	1.0	1	18	C	95	5	NA	NA	U	Y	Y	Y	GN	GG	TILL
15-01	6.5	1.3	5.2	194.3	169.8	24.5	18.7	5.8	0	NA	C	90	10	NA	NA	U	Y	Y	Y	GN	GG	TILL
16-01	1.3	0.2	1.1	50.7	49.5	1.2	1.0	0.2	0	NA	C	90	10	NA	NA	U	Y	Y	Y	GY	GY	TILL
17-01	10.9	2.4	8.5	189.5	158.8	30.7	22.0	8.7	0	NA	P	75	25	NA	NA	U	Y	Y	Y	GG	GG	TILL
-03	3.5	0.1	3.4	62.7	49.2	13.5	9.8	3.7	0	NA	C	90	10	NA	NA	U	Y	Y	Y	GG	GG	TILL
18-01	5.1	2.1	3.0	140.8	125.0	15.8	12.1	3.7	0	NA	P,C	80	20	NA	NA	U	Y	Y	Y	GB	GB	TILL
-02	7.6	2.1	5.5	146.7	105.1	41.6	35.2	6.4	0	NA	P,C	80	20	NA	NA	U	Y	Y	Y	GG	GG	TILL
-03	3.7	1.1	2.6	117.0	99.0	18.0	14.8	3.2	1	68	C	95	5	NA	NA	U	Y	Y	Y	GG	GG	TILL
19-01	13.8	1.9	11.9	241.1	192.0	49.1	37.3	11.8	0	NA	C	80	20	NA	NA	U	Y	Y	Y	GG	GG	TILL
20-01	6.6	2.0	4.6	95.0	81.7	13.3	7.6	5.7	0	NA	C	85	15	NA	NA	U	Y	Y	Y	GG	GG	TILL
21-01	6.7	0.5	6.2	126.3	109.1	17.2	14.1	3.1	0	NA	C	90	10	NA	NA	U	Y	Y	Y	GG	GG	TILL
21-02	8.0	2.2	5.8	142.5	130.2	12.3	9.2	3.1	0	NA	C	90	10	NA	NA	U	Y	Y	Y	GG	GG	TILL
22-01	7.3	1.3	6.0	243.5	214.8	28.7	22.0	6.7	0	NA	P,C	85	15	NA	NA	U	Y	Y	Y	GG	GG	TILL
-02	9.6	2.5	7.1	289.7	273.7	16.0	11.4	4.6	0	NA	P,C	90	10	NA	NA	U	Y	Y	Y	GG	GG	TILL
-03	9.1	3.4	5.7	253.2	230.7	22.5	16.9	5.6	0	NA	P,C	90	10	NA	NA	U	Y	Y	Y	GG	GG	TILL
23-01	4.4	0.5	3.9	82.0	78.2	3.8	2.7	1.1	0	NA	P	60	40	NA	NA	U	Y	Y	Y	GY	GY	TILL
-02	5.8	2.1	3.7	369.8	363.1	6.7	5.2	1.5	0	NA	P,C	60	40	NA	NA	U	Y	Y	Y	GY	GY	TILL
24-01	5.0	1.5	3.5	100.8	88.1	12.7	9.8	2.9	0	NA	C	90	10	NA	NA	U	Y	Y	Y	GG	GG	TILL
25-01	5.2	1.3	3.9	279.2	265.7	13.5	11.0	2.5	2	456	P	80	20	NA	NA	U	Y	Y	Y	GY	GY	TILL
-02	9.6	3.0	6.6	143.0	132.9	10.1	7.5	2.6	0	NA	P	70	30	NA	NA	U	Y	Y	Y	GG	GG	TILL
-03	9.6	3.0	6.6	214.5	207.5	7.0	5.5	1.5	0	NA	C	85	15	NA	NA	U	Y	Y	Y	GG	GG	TILL
-03B	1.4	1.3	0.1	82.0	81.8	0.2	0.1	0.1	0	NA	C	95	5	NA	NA	U	Y	Y	Y	NA	NA	TILL
26-01	7.0	3.2	3.8	238.5	234.9	3.6	2.8	0.8	0	NA	C	95	5	NA	NA	U	Y	Y	Y	GG	GG	TILL+BDRK
28-01	6.8	2.1	4.7	104.8	93.7	11.1	8.6	2.5	0	NA	C	98	2	NA	NA	U	Y	Y	Y	GG	GG	TILL

OVERBURDEN DRILLING MANAGEMENT LIMITED

LABORATORY SAMPLE LOG

SAMPLE NO.	WEIGHT (KG.WET)			WEIGHT (GRAMS DRY)					AU		DESCRIPTION									CLASS
						M. I. CONC					CLAST				MATRIX					
	TABLE SPLIT	+10 CHIPS	TABLE FEED	TABLE CONC	M.I. LIGHTS	CONC. TOTAL	NON MAG	MAG	NO. V.G.	CALC PPB	SIZE	% V/S	% GR	% LS	% OT	S/U	SD	ST	CY	COLOR SD	COLOR CY	
30-01	4.4	1.0	3.4	116.7	111.4	5.3	4.1	1.2	0	NA	C	80	20	NA	NA	U	Y	Y	Y	GG	GG	TILL
33-01	5.8	1.2	4.6	185.5	177.6	7.9	6.7	1.2	0	NA	C	60	40	NA	NA	U	Y	Y	Y	GB	GB	TILL
-02	7.7	0.4	7.3	140.2	130.0	10.2	5.9	4.3	0	NA	P	65	35	NA	NA	U	Y	Y	Y	GB	GB	TILL
-03	9.2	0.4	8.8	247.0	238.4	8.6	4.9	3.7	2	2852	P	65	35	NA	NA	U	Y	Y	Y	GB	GB	TILL
34-01	5.4	0.9	4.5	146.6	136.1	10.5	8.3	2.2	0	NA	P	95	5	NA	NA	U	Y	Y	Y	GG	GG	TILL

OVERBURDEN DRILLING MANAGEMENT LIMITED

LABORATORY SAMPLE LOG

SAMPLE NO.	WEIGHT (KG.WET)			WEIGHT (GRAMS DRY)					AU		DESCRIPTION											CLASS
						M. I. CONC					CLAST					MATRIX						
	TABLE SPLIT	+10 CHIPS	TABLE FEED	TABLE CONC	M.I. LIGHTS	CONC. TOTAL	NON MAG	MAG	NO. V.G.	CALC PPB	SIZE	% V/S	% GR	% LS	% OT	S/U	SD	ST	CY	COLOR SD	COLOR CY	
SLO-86																						
27-01	1.5	0.3	1.2	68.6	65.4	3.2	2.6	0.6	0	NA	BD	90	10	NA	NA	U	Y	Y	Y	GG	GY	TILL+BDRK
29-01	9.7	1.0	8.7	246.6	219.5	27.1	20.7	6.4	0	NA	P	60	40	NA	NA	U	Y	Y	Y	GY	GY	TILL
-02	9.2	1.4	7.8	461.1	419.7	41.4	33.6	7.8	0	NA	P	75	25	NA	NA	U	Y	Y	Y	GY	GY	TILL
31-01	0.7	0.1	0.6	90.2	87.8	2.4	2.0	0.4	0	NA	BD	100	NA	NA	NA	U	Y	Y	Y	GY	GY	TILL
32-01	6.1	3.4	2.7	539.3	531.4	7.9	6.7	1.2	0	NA	P	40	60	NA	NA	U	Y	Y	Y	GY	GY	TILL
-02	8.1	1.7	6.4	208.4	176.6	31.8	23.3	8.5	2	284	P	40	60	NA	NA	U	Y	Y	Y	GY	GY	TILL
-03	10.2	2.3	7.9	203.0	172.4	30.6	22.1	8.5	0	NA	P	40	60	NA	NA	U	Y	Y	Y	GY	GY	TILL
-04	11.0	6.0	5.0	287.3	271.9	15.4	11.8	3.6	0	NA	P	50	50	NA	NA	S	C	Y	Y	GY	GY	GRAVEL
-05	13.4	5.0	8.4	269.8	243.5	26.3	19.3	7.0	0	NA	P	50	50	NA	NA	U	Y	Y	Y	GY	GY	TILL
-06	11.0	3.1	7.9	214.9	200.7	14.2	11.0	3.2	0	NA	P	40	60	NA	NA	U	Y	Y	Y	GY	GY	TILL
35-01	3.9	0.8	3.1	145.8	137.2	8.6	6.5	2.1	0	NA	P	60	40	NA	NA	U	Y	Y	Y	GY	GY	TILL
35-02	5.0	0.2	4.8	177.7	164.1	13.6	10.3	3.3	0	NA	C	60	40	NA	NA	U	Y	Y	Y	GB	GB	TILL
36-01	11.9	0.6	11.3	354.7	318.0	36.7	26.9	9.8	1	24	C	70	30	NA	NA	U	Y	Y	Y	GY	GY	TILL
-02	8.9	0.5	8.4	179.4	156.0	23.4	16.6	6.8	1	231	C	85	15	NA	NA	U	Y	Y	Y	GY	GY	TILL
37-01	8.3	1.2	7.1	162.7	127.8	34.9	25.5	9.4	0	NA	P	60	40	NA	NA	U	Y	Y	Y	GY	GY	TILL
-02	10.1	2.2	7.9	249.2	209.6	39.6	28.8	10.8	0	NA	P	55	45	NA	NA	U	Y	Y	Y	GY	GY	TILL
-03	7.8	1.1	6.7	202.8	156.5	46.3	33.3	13.0	0	NA	P	50	50	NA	NA	U	Y	Y	Y	GY	GY	TILL
-04	10.4	8.3	2.1	125.0	116.1	8.9	7.2	1.7	1	3954	P	70	30	NA	NA	S	C	Y	N	GY	NA	GRAVEL
-05	8.9	4.4	4.5	201.6	183.5	18.1	13.5	4.6	0	NA	P	70	30	NA	NA	U	Y	Y	Y	GY	GY	TILL
38-01	3.8	0.3	3.5	158.5	138.4	20.1	15.6	4.5	0	NA	C	80	20	NA	NA	U	Y	Y	Y	GY	GY	TILL
39-01	4.6	0.9	3.7	182.2	168.5	13.7	11.3	2.4	0	NA	C	90	10	NA	NA	U	Y	Y	Y	GY	GY	TILL
-02	5.7	1.2	4.5	269.3	258.1	11.2	8.9	2.3	0	NA	C	90	10	NA	NA	U	Y	Y	Y	GY	GY	TILL
40-01	3.3	0.8	2.5	136.3	126.7	9.6	7.6	2.0	0	NA	BD	75	25	NA	NA	U	Y	Y	Y	GB	GB	TILL

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OVERBURDEN DRILLING MANAGEMENT LIMITED

LABORATORY SAMPLE LOG

SAMPLE NO.	WEIGHT (KG.WET)			WEIGHT (GRAMS DRY)					AU		DESCRIPTION										CLASS
						M. I. CONC					CLAST				MATRIX						
	TABLE SPLIT	+10 CHIPS	TABLE FEED	TABLE CONC	M.I. LIGHTS	CONC. TOTAL	NON MAG	MAG	NO. V.G.	CALC PPB	SIZE	% V/S	% GR	% LS	% OT	S/U	SD	ST	CY	COLOR SD	COLOR CY	
SLO-86																					
41-01	12.9	3.0	9.9	183.0	136.0	47.0	39.2	7.8	3	22	C	95	5	NA	NA	U	Y	Y	Y	GN	GN	TILL
-02	14.3	2.3	12.0	354.3	309.7	44.6	34.6	10.0	3	50	C	80	20	NA	NA	U	Y	Y	Y	GG	GG	TILL
-03	7.7	0.4	7.3	215.6	186.9	28.7	23.6	5.1	0	NA	C/BR	95	5	NA	NA	U	Y	Y	Y	GG	GG	TILL/BDK
42-01	8.9	1.3	7.6	174.7	143.6	31.1	23.6	7.5	0	NA	C	90	10	NA	NA	U	Y	Y	Y	GB	GB	TILL
-02	11.3	2.0	9.3	104.4	64.5	39.9	28.5	11.4	0	NA	C	85	15	NA	NA	U	Y	Y	Y	GB	GB	TILL
-03	14.4	1.7	12.7	469.7	415.3	54.4	42.3	12.1	0	NA	P	70	30	NA	NA	U	Y	Y	Y	GG	GG	TILL
43-01	6.4	0.7	5.7	76.7	49.4	27.3	19.6	7.7	2	20	C	90	10	NA	NA	U	Y	Y	Y	GG	GG	TILL
44-01	6.2	2.3	3.9	78.5	65.4	13.1	10.3	2.8	0	NA	C	80	20	NA	NA	U	Y	Y	Y	GG	GG	TILL

OVERBURDEN DRILLING MANAGEMENT LIMITED

LABORATORY SAMPLE LOG

SAMPLE NO.	WEIGHT (KG.WET)			WEIGHT (GRAMS DRY)					AU	DESCRIPTION												CLASS
						M. I. CONC				CLAST					MATRIX							
	TABLE SPLIT	+10 CHIPS	TABLE FEED	TABLE CONC	M.I. LIGHTS	CONC. TOTAL	NON MAG	MAG	NO. V.G.	CALC FPB	SIZE	% V/S	% GR	% LS	% OT	S/U	SD	ST	CY	COLOR SD	COLOR CY	
SLG-86																						
45-01	8.0	0.7	7.3	168.1	134.1	34.0	25.6	8.4	2	40	P	80	20	NA	NA	U	Y	Y	Y	GB	GB	TILL
46-01	2.6	0.5	2.1	67.9	54.9	13.0	10.1	2.9	0	NA	C	95	5	NA	NA	U	Y	Y	Y	GB	GB	TILL
47-01	6.7	0.3	6.4	98.3	72.4	25.9	18.1	7.8	0	NA	P	85	15	NA	NA	U	Y	Y	Y	GB	GB	TILL
48-01	1.3	0.6	0.7	76.3	71.9	4.4	3.2	1.2	0	NA	BD	90	10	NA	NA	U	Y	Y	N	GB	NA	TILL/BDR
49-01	5.2	2.2	3.0	138.7	126.9	11.8	8.9	2.9	0	NA	P	50	50	NA	NA	S	C	Y	N	GB	NA	GRAVEL
-02	6.4	2.4	4.0	176.0	160.8	15.2	11.0	4.2	0	NA	P	50	50	NA	NA	S	C	Y	N	GB	NA	GRAVEL
50-01	9.3	4.4	4.9	204.1	180.9	23.2	17.3	5.9	0	NA	P	60	40	NA	NA	S	C	Y	N	GB	NA	GRAVEL
-02	9.1	0.4	8.7	143.7	117.6	26.1	19.2	6.9	0	NA	P	30	70	NA	NA	U	Y	Y	N	GB	NA	TILL
-03	9.8	1.5	8.3	142.7	120.5	22.2	16.7	5.5	0	NA	P	60	40	NA	NA	U	Y	Y	N	GB	NA	TILL
-04	9.9	1.6	8.3	126.9	200.9	26.0	20.0	6.0	0	NA	P	60	40	NA	NA	U	Y	Y	N	GB	NA	TILL
51-01	9.4	1.9	7.5	142.5	102.5	39.0	26.7	12.3	0	NA	P	50	50	NA	NA	U	Y	Y	N	GB	NA	TILL
-02	9.8	2.2	7.6	140.5	106.2	34.3	25.2	9.1	0	NA	P	40	60	NA	NA	U	Y	Y	N	GB	NA	TILL
52-01	7.3	6.8	0.5	79.1	73.3	5.8	4.7	1.1	0	NA	P/C	50	50	NA	NA	S	C	Y	N	GB	NA	GRAVEL
-02	9.5	4.9	4.6	159.2	124.6	34.6	25.0	9.6	0	NA	P	60	40	NA	NA	S	C	Y	N	GB	NA	GRAVEL
-03	13.0	5.9	7.1	191.7	160.7	31.0	21.5	9.5	0	NA	P	50	50	NA	NA	S	C	Y	N	GB	NA	GRAVEL
53-01	6.9	2.8	4.1	168.6	147.1	21.5	16.1	5.4	0	NA	P/C	60	40	NA	NA	U	Y	Y	N	GB	NA	TILL
-02	4.5	1.3	3.2	144.9	128.6	16.3	11.4	4.9	0	NA	P	50	50	NA	NA	S	C	Y	N	GB	NA	GRAVEL
-03	2.5	0.4	2.1	107.1	98.9	11.2	8.6	2.6	0	NA	C	70	30	NA	NA	U	Y	Y	Y	GB	GB	TILL
54-01	6.0	1.6	4.4	210.9	193.4	17.5	12.5	5.0	0	NA	C	85	15	NA	NA	S	C	Y	N	GB	NA	GRAVEL
55-01	9.0	1.5	7.5	176.4	154.4	22.0	15.4	6.6	0	NA	C	50	50	NA	NA	U	Y	Y	Y	G	G	TILL
-02	7.6	2.2	5.4	158.8	137.4	21.4	15.9	5.5	0	NA	C	80	20	NA	NA	S	C	Y	N	G	NA	GRAVEL
56-01	4.9	4.2	0.7	43.4	41.0	2.4	1.7	0.7	0	NA	C	90	10	NA	NA	S	C	Y	N	GN	NA	GRAVEL
-02	5.3	4.1	1.2	66.3	62.6	3.5	4.3	1.2	0	NA	C	90	10	NA	NA	S	C	Y	N	GN	NA	GRAVEL
57-01	2.3	0.6	1.7	78.7	70.2	8.1	6.6	1.5	0	NA	C	90	10	NA	NA	U	Y	Y	Y	G	G	TILL

FOOTNOTES:

1. GRITTY CLAY LUMPS PRESENT

2. SMOOTH CLAY LUMPS PRESENT

3. ORGANICS PRESENT

4. SAMPLE HIGHLY OXIDIZED

ABBREVIATIONS

NUMBER OF GRAINS:

T: NUMBER FOUND ON SHAKING TABLE
P: NUMBER FOUND AFTER PANNING

THICKNESS:

C: CALCULATED THICKNESS OF GRAIN
M: ACTUAL MEASURED THICKNESS OF GRAIN

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS ABBRADED T	ABBRADED P	IRREGULAR T	IRREGULAR P	DELICATE T	DELICATE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
SLO-86													
01-01	N	NO VISIBLE GOLD											
-02	Y	25 X 50	8 C					1		1			EST. 15% PYRITE
		75 X 75	15 C					1		1			50 GRAINS ARSENOPYRITE
		250 X 350	54 C	1						1			
								TOTAL		3	21.1	1762	
02-01	N	NO VISIBLE GOLD											
03-01	Y	25 X 50	8 C					1		1			EST. 50% PYRITE
		50 X 100	15 C				1			1			50 GRAINS ARSENOPYRITE
		75 X 150	22 C					1		1			
								TOTAL		3	39.5	72	
04-01	N	NO VISIBLE GOLD											
05-01	N	NO VISIBLE GOLD											
06-01	N	NO VISIBLE GOLD											
07-01	N	NO VISIBLE GOLD											
-02	N	NO VISIBLE GOLD											
-03	N	NO VISIBLE GOLD											
09-01	N	NO VISIBLE GOLD											
10-01	N	NO VISIBLE GOLD											
-02	N	NO VISIBLE GOLD											
11-01	Y	NO VISIBLE GOLD											EST. 20% PYRITE
12-01	Y	25 X 25	5 C					1		1			EST. 15% PYRITE
		25 X 50	8 C					1		1			30 GRAINS ARSENOPYRITE
		100 X 100	20 C		1					1			
								TOTAL		3	88.5	18	
-02	Y	50 X 50	10 C		1					1			EST. 10% PYRITE
								TOTAL		1	70.1	3	500 GRAINS ARSENOPYRITE
13-01	N	NO VISIBLE GOLD											

GOLD CLASSIFICATION
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VISIBLE GOLD FROM SHAKING TABLE AND PANNING

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS ABBRADED T	ABBRADED P	IRREGULAR T	IRREGULAR P	DELICATE T	DELICATE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
-02	N	NO VISIBLE GOLD											
-03	N	NO VISIBLE GOLD											
-04	N	150 X 200	34 C			1				1			
									TOTAL	1	10.1	766	
14-01	Y	50 X 50	10 C		1					1			EST. 30% PYRITE 50 GRAINS ARSENOPYRITE
									TOTAL	1	10.6	18	
15-01	N	NO VISIBLE GOLD											
16-01	N	NO VISIBLE GOLD											
17-01	N	NO VISIBLE GOLD											
-03	N	NO VISIBLE GOLD											
18-01	N	NO VISIBLE GOLD											
-02	N	NO VISIBLE GOLD											
-03	Y	75 X 100	18 C		1					1			EST. 20% PYRITE
									TOTAL	1	14.8	68	
19-01	N	NO VISIBLE GOLD											
20-01	N	NO VISIBLE GOLD											
21-01	N	NO VISIBLE GOLD											
-02	N	NO VISIBLE GOLD											
22-02	N	NO VISIBLE GOLD											
-03	N	NO VISIBLE GOLD											
22-03	Y	NO VISIBLE GOLD											EST. 20% PYRITE 300 PELLETS MARCASITE
23-01	N	NO VISIBLE GOLD											
-03	N	NO VISIBLE GOLD											
24-01	N	NO VISIBLE GOLD											

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS ABBRADED T	ABBRADED P	IRREGULAR T	IRREGULAR P	DELICATE T	DELICATE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
25-01	Y	25 X 50	8 C		1					1			EST. 10% PYRITE
		75 X 225	29 C					1		1			200 PELLETS MARCASITE
									TOTAL	2	11.0	456	
-02	N	NO VISIBLE GOLD											
-03	N	NO VISIBLE GOLD											
-03B	N	NO VISIBLE GOLD											
26-01	N	NO VISIBLE GOLD											
28-01	N	NO VISIBLE GOLD											
30-01	N	NO VISIBLE GOLD											
33-01	N	NO VISIBLE GOLD											
-02	N	NO VISIBLE GOLD											
-03	Y	125 X 200	31 C	1						1			EST. 20% PYRITE
		150 X 200	34 C	1						1			
									TOTAL	2	4.9	2852	
34-01	N	NO VISIBLE GOLD											

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS ABBRADED T	ABBRADED P	IRREGULAR T	IRREGULAR P	DELICATE T	DELICATE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
SLO-86													
27-01	N	NO VISIBLE GOLD											
29-01	Y	NO VISIBLE GOLD											EST. 20% PYRITE
-02	Y	NO VISIBLE GOLD											EST. 35% PYRITE
31-01	N	NO VISIBLE GOLD											
32-01	N	NO VISIBLE GOLD											
-02	Y	50 X 75	13 C			1				1			EST. 20% PYRITE
		125 X 200	31 C				1			1			
								TOTAL		2	23.3	284	
-03	Y	NO VISIBLE GOLD											EST 25% PYRITE
-04	N	NO VISIBLE GOLD											
-05	Y	NO VISIBLE GOLD											EST. 20% PYRITE
-06	N	NO VISIBLE GOLD											
35-01	N	NO VISIBLE GOLD											
-02	Y	NO VISIBLE GOLD											EST. 15% PYRITE 150 PELLETS MARCASITE
36-01	Y	75 X 75	15 C				1			1			EST. 20% PYRITE 200 PELLETS MARCASITE
								TOTAL		1	26.9	24	
-02	Y	125 X 150	27 C					1		1			EST. 20% PYRITE 1500 PELLETS MARCASITE
								TOTAL		1	16.6	231	
37-01	N	NO VISIBLE GOLD											
-02	N	NO VISIBLE GOLD											
-03	N	NO VISIBLE GOLD											
-04	N	200 X 350	50 C			1				1			
								TOTAL		1	7.2	3954	
-05	N	NO VISIBLE GOLD											

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS: ABBRADED T	ABBRADED P	IRREGULAR T	IRREGULAR P	DELICATE T	DELICATE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
38-01	N	NO VISIBLE GOLD											
39-01	N	NO VISIBLE GOLD											
-02	N	NO VISIBLE GOLD											
40-01	Y	NO VISIBLE GOLD											EST. 15% PYRITE

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS ABBRADED T	ABBRADED P	IRREGULAR T	IRREGULAR P	DELICATE T	DELICATE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
SLO-86													
41-01	Y	25 X 25	5 C		1					1			EST: 25% PYRITE
		50 X 50	10 C		1					1			
		75 X 75	15 C				1			1			
								TOTAL		3	39.2	22	
-02	Y	25 X 50	8 C		1					1			EST: 20% PYRITE
		75 X 75	15 C		1					1			
		75 X 100	18 C					1		1			
								TOTAL		3	34.6	50	
-03	Y	NO VISIBLE GOLD											EST: 20% PYRITE
42-01	N	NO VISIBLE GOLD											
-02	Y	NO VISIBLE GOLD											EST: 10% PYRITE
-03	Y	NO VISIBLE GOLD											EST: 15% PYRITE 1000 PELLETS MARCASITE
43-01	Y	25 X 25	5 C		1					1			EST: 10% PYRITE
		50 X 75	13 C					1		1			1000 PELLETS MARCASITE
								TOTAL		2	19.6	20	
44-01	Y	NO VISIBLE GOLD											EST: 15% PYRITE

GOLD CLASSIFICATION
==========
VISIBLE GOLD FROM SHAKING TABLE AND PANNING

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS: ABRADED T	ABRADED P	IRREGULAR T	IRREGULAR P	DELICATE T	DELICATE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
SLO-86													
45-01	Y	100 X 125	22 C			1				1			EST: 5% PYRITE
		125 X 150	25 C		1					1			100 PELLETS MARCASITE
									TOTAL	2	25.6	40	
46-01	N	NO VISIBLE GOLD											
47-01	N	NO VISIBLE GOLD											
48-01	N	NO VISIBLE GOLD											
49-01	N	NO VISIBLE GOLD											
-02	N	NO VISIBLE GOLD											
50-01	N	NO VISIBLE GOLD											
-02	N	NO VISIBLE GOLD											
-03	N	NO VISIBLE GOLD											
-04	N	NO VISIBLE GOLD											
51-01	N	NO VISIBLE GOLD											
-02	N	NO VISIBLE GOLD											
52-01	N	NO VISIBLE GOLD											
-02	N	NO VISIBLE GOLD											
-03	N	NO VISIBLE GOLD											
53-01	N	NO VISIBLE GOLD											
-02	N	NO VISIBLE GOLD											
-03	N	NO VISIBLE GOLD											
54-01	N	NO VISIBLE GOLD											
55-01	N	NO VISIBLE GOLD											
-02	N	NO VISIBLE GOLD											
56-01	N	NO VISIBLE GOLD											

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS: ABRADED T	ABRADED P	IRREGULAR T	IRREGULAR P	DELICATE T	DELICATE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
-02	N	NO VISIBLE GOLD											
37-01	N	NO VISIBLE GOLD											

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Geochemical Lab Report

SILVER LAKE RESOURCES
LORNE BURDEN
C/OROWAN LAKE, LODGE
NESTOR FALLS, ONTARIO.
P0X 1K0

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Geochemical Lab Report

REPORT: 016-1036 (COMPLETE)

REFERENCE INFO:

CLIENT: SILVER LAKE RESOURCES
PROJECT: NONF

SUBMITTED BY: OVERBURDEN DRILLING
DATE PRINTED: 26-MAR-86

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au Gold	49	5 PPB	AQUA REGIA	FA-AA @ 10 gm weight
2	TestWt Au Test Weight	31	0.01 gm		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
HEAVY MINERAL CONC.	49	-200	49	PULVERIZE -200	49

REMARKS: < MEANS LESS THAN

REPORT COPIES TO: MR. J. TRUSLER
LORNE BURDEN

INVOICE TO: MR. J. TRUSLER

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Geochemical Lab Report

REPORT: 016-1036 | PROJECT: NONE | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	TestWt gm		SAMPLE NUMBER	ELEMENT UNITS	Au PPB	TestWt gm	
SLO-86-01-01-3/4		275	9.00		SLO-86-25-03-3/4		865	2.00	
SLO-86-01-02-3/4		2745		+1762 = 4507	SLO-86-25-03B-H		<250	0.15	
SLO-86-02-01-3/4		70	4.00		SLO-86-26-01-H		55	2.00	
SLO-86-03-01-3/4		280		+72 = 352	SLO-86-28-01-3/4		40	4.00	
SLO-86-04-01-3/4		325	7.00		SLO-86-30-01-H		105	2.00	
SLO-86-05-01-3/4		510			SLO-86-33-01-3/4		130	7.00	
SLO-86-06-01-3/4		440	1.00		SLO-86-33-02-3/4		270		
SLO-86-07-01-H		<75	0.68		SLO-86-33-03-3/4		835	7.00	+2852 = 3687
SLO-86-07-02-3/4		145			SLO-86-34-01-3/4		155	4.00	
SLO-86-07-03-3/4		55							
SLO-86-09-01-3/4		140							
SLO-86-10-01-3/4		55							
SLO-86-10-02-3/4		445							
SLO-86-11-01-3/4		320							
SLO-86-12-01-3/4		575	3.00	+18 = 593					
SLO-86-12-02-3/4		225	4.00	+3 = 228					
SLO-86-13-01-H		50	1.56						
SLO-86-13-02-3/4		200	2.00						
SLO-86-13-03-3/4		265							
SLO-86-13-04-3/4		210	5.00	+766 = 976					
SLO-86-14-01-3/4		965	5.00	+18 = 983					
SLO-86-15-01-3/4		120							
SLO-86-16-01-H		230	1.12						
SLO-86-17-01-3/4		260							
SLO-86-17-03-3/4		290	5.00						
SLO-86-18-01-3/4		55	6.00	+68 = 123					
SLO-86-18-02-3/4		60							
SLO-86-18-03-3/4		505	8.00						
SLO-86-19-01-3/4		65							
SLO-86-20-01-3/4		300							
SLO-86-21-01-3/4		115	8.00						
SLO-86-21-02-3/4		130	4.00						
SLO-86-22-01-3/4		125							
SLO-86-22-02-3/4		115	7.00						
SLO-86-22-03-3/4		720							
SLO-86-23-01-H		520	2.00						
SLO-86-23-02-3/4		130	2.00						
SLO-86-24-01-3/4		45	5.00						
SLO-86-25-01-3/4		85	6.00	+456 = 541					
SLO-86-25-02-3/4		400	4.00						

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Geochemical Lab Report

REPORT: 016-0810 | PROJECT: NONE | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	TestWt g#	
SLO-86-27-01-H		175	1.50	
SLO-86-29-01-3/4		135		
SLO-86-29-02-3/4		>20000		
SLO-86-31-01-H		825	1.51	
SLO-86-32-01-3/4		805	3.30	
SLO-86-32-02-3/4		830		+ 284 = 1114
SLO-86-32-03-3/4		170		
SLO-86-32-04-3/4		150	7.00	
SLO-86-32-05-3/4		180		
SLO-86-32-06-3/4		100	6.00	
SLO-86-35-01-3/4		115	3.00	
SLO-86-35-02-3/4		40	6.00	
SLO-86-36-01-3/4		1065		+ 24 = 1089
SLO-86-36-02-3/4		700		+ 231 = 931
SLO-86-37-01-3/4		175		
SLO-86-37-02-3/4		100		
SLO-86-37-03-3/4		60		
SLO-86-37-04-3/4		1435	3.50	+ 3954 = 5389
SLO-86-37-05-3/4		235	8.00	
SLO-86-38-01-3/4		805	9.50	
SLO-86-39-01-3/4		40	6.50	
SLO-86-39-02-3/4		65	4.50	
SLO-86-40-01-3/4		130	4.00	

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Geochemical Lab Report

REPORT: 016-1678 | PROJECT: NONE | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	TestWt gm	
SLO-86-41-01-3/4		100		122
SLO-86-41-02-3/4		330		380
SLO-86-41-03-3/4		85	7.00	
SLO-86-42-01-3/4		30	6.00	
SLO-86-42-02-3/4		125	9.00	
SLO-86-42-03-3/4		685	8.00	
SLO-86-43-01-3/4		660	2.60	680
SLO-86-44-01-3/4		10	6.55	

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Geochemical Lab Report

REPORT: 016-1247 PROJECT: NONE PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	TestWt gm
SLO-86-45-01-3/4		175	
SLO-86-46-01-3/4		30	7.00
SLO-86-47-01-3/4		510	
SLO-86-48-01-H		1095	2.70
SLO-86-49-01-3/4		150	6.10
SLO-86-49-02-3/4		60	7.10
SLO-86-50-01-3/4		105	
SLO-86-50-02-3/4		40	
SLO-86-50-03-3/4		130	
SLO-86-50-04-3/4		440	
SLO-86-51-01-3/4		315	
SLO-86-51-02-3/4		55	
SLO-86-52-01-H		820	4.30
SLO-86-52-02-3/4		200	
SLO-86-52-03-3/4		1330	
SLO-86-53-01-3/4		1020	
SLO-86-53-02-3/4		2010	7.90
SLO-86-53-03-3/4		145	5.90
SLO-86-54-01-3/4		130	8.70
SLO-86-55-01-3/4		3035	
SLO-86-55-02-3/4		110	
SLO-86-56-01-H		110	1.20
SLO-86-56-02-H		55	3.70
SLO-86-57-01-3/4		35	4.10

+40 = 210

APPENDIX 2

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE Feb 2 19 86 | HOLE NO SLC-86-01 | LOCATION 1 BSW 1 N

GEOLOGIST D JOHNSON | DRILLER [illegible] | BIT NO. [illegible] | BIT FOOTAGE 15 - 261'

SHIFT HOURS ____ TO ____ | MOVE TO HOLE 12:15 - 1:30

TOTAL HOURS ____ | DRILL 1:30 - 4:45

CONTRACT HOURS ____ | MECHANICAL DOWN TIME ____

DRILLING PROBLEMS ____

OTHER ____

MOVE TO NEXT HOLE 4:45 - 5:00

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
				73' WATER 74' CASING
				No Return 73'-92'
				CLAY
40				92'-99.5' grey clay
				TILL
				99.5'-107' fine grey sandy matrix pebbly 5% volcanics 50% granites
				BEDROCK
60				107'-108' fine to medium grained weakly to moderately foliated gabbro (porphyritic?)
				EOH 108'
80				Linear. mic. - dk green, fg.-mg., unfoliated mafic intrusive (gabbroic). Subordinate schistose fragments.
				Sandy James
100			01	
			02	
			03	
120				

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE 7 Feb 1986

HOLE NO SAO-86-02 LOCATION L55+00W - 14+00N

GEOLOGIST SHANNON DRILLER FORTIN BIT NO. [illegible] BIT FOOTAGE [illegible]

SHIFT HOURS ____ TO ____

MOVE TO HOLE 2:00 - 3:00

DRILL 3:00 - 5:00

TOTAL HOURS ____

MECHANICAL DOWN TIME

DRILLING PROBLEMS

CONTRACT HOURS ____

OTHER

MOVE TO NEXT HOLE

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO	DESCRIPTIVE LOG
				84' WATER
				20" ICE
				91' CASING
				84-92 - No RETURN
				92'-120' CLAY
80 20				- grey then brown then grey
				- very soft.
				120'-122'. TILL
				- pink grey sand matrix
100 40				- 30% granite
				- 10% volcanic
				122'-124' - BEDROCK
				- 50% green-grey
				- 50% white
120 60			01	- medium foliation
			02	E.O.H. 124'
				James Shannon
140 80				[illegible] strongly banded, dk green + tan coloured layers, well developed sericite ~~[illegible]~~. sheared, schistose ? - possibly volcaniclastic
100				

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE FEB. 9 19 86
HOLE NO SLO 86-03 LOCATION L 88+00W - 10+00N
GEOLOGIST BLISS DRILLER [illegible] BIT NO. 1000316 BIT FOOTAGE 261-425

SHIFT HOURS
___ TO ___
MOVE TO HOLE
DRILL 9 30 to 5 00
TOTAL HOURS
MECHANICAL DOWN TIME
DRILLING PROBLEMS
CONTRACT HOURS
OTHER 8 00 to 9 30
MOVE TO NEXT HOLE

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
				WATER DEPTH 90'
				ICE THICKNESS 21"
				CASING (N) 94'
				CASING (H) 94'
				90 to 122 feet NO RETURN
				ASSUMED CLAYS SOFT AND SMOOTH
100 20				122 to 142 CLAY GRAY SOFT AND SMOOTH
				142 to 152 CLAY BROWN SOFT AND SMOOTH.
				152 to 157 CLAY GRAY SOFT AND SMOOTH
				157 to 159 GRAVEL
120 40				157 ft. LAMINAE OF SILT (VERY FINE SAND)
				GRAVEL PEBBLY to COBBLY
				80% VOLCANICS
				20% GRANITICS
				159 to 162 GRAVEL
				DECREASED [illegible]
				60% [illegible] S
140 40				40% [illegible]
				LITTLE TO NO MATRIX (GRAY)
				162 to 164 feet BEDROCK
				10% PYRITE (BANDED)
				FINE CRYSTALLINE
				MEDIUM GRAY/GREEN, TAN
				~5% QUARTZ CONTENT
				MEDIUM FOLIATION
160 60			01	
	1.64		02	binoc. mic. Med.-dk. grey-green, f.g., laminated, weakly foliated, mafic-int volcaniclastic (ash tuff.) pyrite bearing.

[illegible signature]

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE [illegible] 19 [illegible] HOLE NO [illegible] LOCATION [illegible]
GEOLOGIST [illegible] DRILLER [illegible] BIT NO. [illegible] BIT FOOTAGE [illegible]
SHIFT HOURS ____ TO ____
TOTAL HOURS ____
CONTRACT HOURS ____
MOVE TO HOLE ____
DRILL [illegible]
MECHANICAL DOWN TIME ____
DRILLING PROBLEMS ____
OTHER ____
MOVE TO NEXT HOLE ____

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO	DESCRIPTIVE LOG
				WATER DEPTH 89'
				CASING SET TO 103'
				89 - 129.5 CLAY
				- 112' green clay
				- 122' brown clay
100				129.5 - 132 TILL
				- 50% granitics, black, white & orange
				- 50% volcanics, medium green
				- fine grey sandy matrix
				- pebbly
120				132-135 BEDROCK
			01	- dark green
			02	- 10% quartz
				- medium to mixed foliation
				- fine crystals
140	EOH			EOH 135'
				[illegible]
160				[illegible]
				fin. occ. dk green, strongly foliated, possible fg. fragments or xenoliths, possibly mafic volcaniclastics.
180				

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE FEB 12 1986 | HOLE NO SIO-86-05 | LOCATION L 98W 8400N

GEOLOGIST D. JAMIESON | DRILLER A. BOUCHER | BIT NO. 10036 | BIT FOOTAGE 425'-553'

SHIFT HOURS ____ TO ____

TOTAL HOURS ____

CONTRACT HOURS ____

MOVE TO HOLE ____

DRILL 8:30 - 12:30

MECHANICAL DOWN TIME 10:30 - 11:30 Compressor warm up.

DRILLING PROBLEMS ____

OTHER ____

MOVE TO NEXT HOLE ____

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
				98' WATER
				114' CASING
				98' - 118' No Return
				TILL
80				118' - 125' fine grey sandy matrix pebbly 50% volcanics 50% granitics
				BEDROCK
				125' fine grained, dark green, massive to weakly foliated - 15% soft, light green chips (carbonate) - fine grained gabbro
				128' E.O.H.
100				
120			01	Lrax. mic. - dk green, fg. - mg. unfoliated, massive mafic intrusive (gabbroic)
			02	
140				

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE 9 FEB 1986
HOLE NO SLO-86-06 LOCATION L88+00 W - 6+00N
GEOLOGIST SHANNON DRILLER FORTIN BIT NO [illegible] BIT FOOTAGE [illegible]

SHIFT HOURS ____ TO ____
MOVE TO HOLE 1:00 - 1:45
DRILL 1:45 - 4:15

TOTAL HOURS ____
MECHANICAL DOWN TIME ____
DRILLING PROBLEMS ____

CONTRACT HOURS ____
OTHER ____
MOVE TO NEXT HOLE ____

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
				51' WATER
				63' CASING
				51'-62' - CLAY
				- grey
20				- very soft.
				62-62½ - TILL
				- fine grey sand matrix
				- 30% granitic
40				- 70% volcanic
				62½'-64' - BEDROCK
				- dark green
				- no foliation
60			01	- 75% volcanic
			02	- 25% white (quartz or carbonate)
				- fine grain
				E.O.H. 64'
80				[signature]
				[illegible] v.f.g. - f.g. dk grey-green, laminated, unfoliated, pyritic banding, mafic-int volcaniclastic (Ash tuff)
100				

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE FEB. 10 1986
SHIFT HOURS
_____ TO _____
TOTAL HOURS
_____
CONTRACT HOURS
_____

HOLE NO SLO-86-07 LOCATION L 100+00 W 18+00 N
GEOLOGIST X DRILLER BELLIVEAU BIT NO. 1000316 BIT FOOTAGE 553'-751'
MOVE TO HOLE 12:30 - 12:45
DRILL 12:45 - 5:30
MECHANICAL DOWN TIME _____
DRILLING PROBLEMS _____
OTHER _____
MOVE TO NEXT HOLE _____

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO	DESCRIPTIVE LOG
100				WATER = 95 ft. 104' of casing NO RETURN 95' to 132'
110				CLAY 132' to 187' - grey - soft and smooth 172' brown
120				BOULDER 187' to 189' - granitic
130				GRAVEL 189' to 190.5' 50% Vol. 50% Granitics
140				TILL 190.5' to 196' - fine sand matrix 70% Vol. 30% Granitics 1% QUARTZ
150				BOULDER 196' to 196.5' - Vol.
160				TILL 196.5' to 197' - fine sand matrix 70% Vol. 30% Granitics
170				BEDROCK 197' to 198' - dark green - fine grain - weakly foliated
180				E. O. H. 198 ft.
190				

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE [illegible] 19 [illegible]
HOLE NO [illegible] LOCATION [illegible]
GEOLOGIST [illegible] DRILLER [illegible] BIT NO [illegible] BIT FOOTAGE [illegible]
SHIFT HOURS
MOVE TO HOLE –
____ TO ____
DRILL [illegible]
TOTAL HOURS
MECHANICAL DOWN TIME
DRILLING PROBLEMS
CONTRACT HOURS
OTHER
MOVE TO NEXT HOLE

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO	DESCRIPTIVE LOG
				91' WATER
				104' CASING
				91-127 NO RETURN
				127-158 - CLAY
120				- grey with brown interbed
				- very soft
				158-160 Contact
				- thin bed of gravel
				- 60% granitic
140				- 40% volcanic
				- pebbly no matrix
				- NO SAMPLE
				- LODGEMENT TILL
				- 95% volcanic
160				- no matrix
				- pebbly to cobbly
				160-162 - BEDROCK
				- very fine crystalline
				- moderate foliation
180			[illegible]	- calcite (build schistosity)
				- sericite bands
				- traces of pyrite in quartz crystals
				- medium green (almost sedimentary lit.!)
				binoc. mic. mid grey-green, v.f.g.-f.g., laminated, pyritic banding, with [illegible] [illegible]
200				[illegible] (cubic tuff?)

Matthew [illegible]

[illegible] 11 [illegible]

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE FEB 11 19 86

HOLE NO SHC 86-09 LOCATION 6100 to 6W 16 100 N

GEOLOGIST X DRILLER BELLIVEAU BIT NO. 1000316 BIT FOOTAGE 623-819'

SHIFT HOURS ______ TO ______

MOVE TO HOLE

DRILL 9:30 - 12:30

TOTAL HOURS ______

MECHANICAL DOWN TIME

DRILLING PROBLEMS

CONTRACT HOURS ______

OTHER

MOVE TO NEXT HOLE

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
110–200				WATER DEPTH = 97 ft. 114' of casing NO RETURN 97' to 142' CLAY 142' to 192' -grey -soft and smooth 172' brown TILL 192' to 194' -fine sand matrix 60% Vol. 40% Granitic 5% Quartz BEDROCK 194' to 196' -dark green -mafic Vol. -moderatly foliated 60% Vol 40% Carbonates (??) E.O.H. 196 ft. NOTE: FIRST SAMPLE 194' SECOND SAMPLE 196' [illegible] green grey, mod to strongly foliated mafic metavolcanic. Sample contains some granitic contamination

Depth scale: 110, 120, 130, 140, 150, 160, 170, 180, 190, 200

E.O.H.

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE 10 FEB 1986

SHIFT HOURS ______ TO ______

TOTAL HOURS ______

CONTRACT HOURS ______

HOLE NO SLO-86-10 LOCATION L 94+00W - 14+60N

GEOLOGIST SHANNON DRILLER GAPTIN BIT NO. E0031K2 BIT FOOTAGE [illegible]

MOVE TO HOLE 11:30 - 11:45

DRILL 11:45 - 4:45

MECHANICAL DOWN TIME ______

DRILLING PROBLEMS ______

OTHER ______

MOVE TO NEXT HOLE ______

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO	DESCRIPTIVE LOG
				82' WATER
				94' CASING
				82'-159' CLAY
				- grey
				- very soft
				- brown interbeds
				159'-165½' - TILL
				- fine grey sand matrix
				- 50% volcanic
				- 50% various
				- granitic
				- white
				- black
				- fine grain
140				- traces of pyrite
				- 162'-162½' - granite boulder
				165½'-168 BEDROCK
				- medium green
160			01	- high foliation
			02	- 10% white (carbonate, quartz)
			03	
				E.O.H. 168'

[illegible] med. grey-green, [illegible] f.g. [illegible] laminated / schistose, mafic metavolcanic (possibly [illegible])

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE FEB 11 19 86

HOLE NO [illegible] LOCATION L 100W 14N

GEOLOGIST D. [illegible] DRILLER [illegible] BIT NO. [illegible] BIT FOOTAGE 0 - 192'

SHIFT HOURS

MOVE TO HOLE 12:30 - 12:40

____ TO ____

DRILL 12:40 - 3:00

TOTAL HOURS

MECHANICAL DOWN TIME

DRILLING PROBLEMS

CONTRACT HOURS

OTHER NEW BIT

MOVE TO NEXT HOLE

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG	
1				WATER 100' CASING 114'	
100 2				No Return 100 - 132	
3				CLAY	
110 4				132' - 152' grey clay	
5				152' - 162' grey clay followed	
120 6				by brown clay	
7				162' - 172' brown clay followed	
130 8				by grey clay	
9					
140 10				172' - 187' grey clay	
11				TILL	
150 12					
13				187' to 189.5' fine grey-green sandy matrix	
160 14				pebbly 90% volcanics	
15				10% granitics	
				BEDROCK	
170 16				189.5' strong planar fabric	[illegible] fg, laminated.
				in thin strongly sheared mafic	dk green to dk grey. weakly
17				volcanic or finely laminated tuff.	foliated. mafic and intermediate
					ash tuff
180 18				- medium green with yellow (sericite)	
19				layers	
190 20		180'	02	- 10% qtz. usually as layers & laminations	
				- 10% s[illegible] pale green chips (carbonate)	
				192' E.O.H.	

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE FEB [illegible] 19 86

SHIFT HOURS ______ TO ______

TOTAL HOURS ______

CONTRACT HOURS ______

HOLE NO 360 86-12 LOCATION L 100+00 - 10+00N

GEOLOGIST [illegible] DRILLER [illegible] BIT NO [illegible] BIT FOOTAGE [illegible]

MOVE TO HOLE

DRILL 8:00 to 9.30 11:00 to 2:00

MECHANICAL DOWN TIME 9.30 to 11:00 DEFROST HEAD & COMPRESSOR

DRILLING PROBLEMS

OTHER 8.00 to 9.00 DEFROST

MOVE TO NEXT HOLE

DEPTH IN FEET	SAMPLE NO.	DESCRIPTIVE LOG
		84' WATER
		20" ICE
		94' CASING (N)
80		84 to 110 feet NO RETURN
		CLAYS assumed soft and smooth
		110 to 112 GRAY CLAY
90		soft and smooth
		112 to 115 BROWN CLAY
		soft and smooth
100		115 to 127 GRAY CLAY
		soft and smooth
		127 to 133
		127 GRAY SANDY CLAY
110		- PEBBLY TO COBBLY TILL
		90% VOLCANICS
		5% QUARTZ
		MED TO DARK GREEN
120		PYRITE BANDS
		SERECITE (TAN) BANDS
		10% GRANITICS
		LITTLE TO NO MATRIX
130	01	(LODGEMENT TILL?)
		133 feet VOLCANIC BOULDER
	02	ONLY 1/2 FOOT.
140	03	138 feet 95% VOLCANICS
		DARK GREEN
		FINE CRYSTALLINE
		MASSIVE.
		138.5 feet BEDROCK
150		DARK GREEN
		LITTLE TO NO APPARENT FOLIATION
		TRACE OF PYRITE AT 138.5 feet
		(SERECITE (TAN) MINERALS)
		AS WELL)
160		MAFIC VOLCANIC
		FINE CRYSTALLINE MASSIVE
		5% QUARTZ. [illegible] dk grey-green, laminated, fg. [illegible]
		140 EOH

EOH

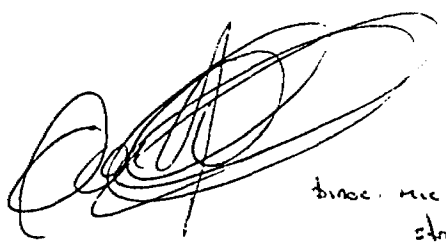
[illegible] Bliss

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE FEB 11 1986
SHIFT HOURS ____ TO ____
TOTAL HOURS ____
CONTRACT HOURS ____

HOLE NO SLC-86-13 LOCATION L 106W 16+00N
GEOLOGIST X DRILLER BELLEAU BIT NO 100-291 BIT FOOTAGE 192-394
MOVE TO HOLE 3:00 - 3:15
DRILL 3:15 - 6:10
MECHANICAL DOWN TIME ____
DRILLING PROBLEMS ____
OTHER ____
MOVE TO NEXT HOLE ____

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
				WATER DEPTH = 100 ft. 114' of casing
110				NO RETURN 100' to 150'
				CLAY 150' to 185' - grey - soft and smooth
120				
				TILL 185' to 187' - fine sand matrix 70% Vol 30% Granitics
130				GRAVEL 187' to 194' - cobbly 60% Vol 40% Granitics - some pyrite
140				
150				TILL 194' to 200' - fine sand matrix 60% Vol. 40% Granitic
160				
				BEDROCK 200' to 202' - dark green - mafic Vol.
170				E.O.H. 202 ft.
180				
190				
200				



biotite rich v.f.g. to f.g., massive, mod to strong foliation, dk green mafic metavolcanic (flow)

NOTE:
first sample 187'
second sample 194'
third sample 199'
fourth sample 202'

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE Feb 11 19 86

HOLE NO [illegible] LOCATION L 100+00W 13+00N

GEOLOGIST [illegible] DRILLER [illegible] BIT NO. [illegible] BIT FOOTAGE [illegible]

SHIFT HOURS ______ TO ______

MOVE TO HOLE 2:00 - 2:10

DRILL 2:10 - 5:30

TOTAL HOURS ______

MECHANICAL DOWN TIME

DRILLING PROBLEMS

CONTRACT HOURS ______

OTHER

MOVE TO NEXT HOLE

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
				WATER DEPTH 95'
				CASING SET TO 123'
				95-162' CLAY
100				·95-132' no return
				·132-152' soft green clay
110				·152-162' soft choc brown clay
				162-167.5 TILL
				·5% granitics, black & white
120				·95% volcanics, medium, light & dark green
				·traces of quartz
				·small amounts of fine grey sandy matrix
130				·2% pyrite in volcanics
				·after 166' 100% dark green volcanics
				·cobbly
140				167.5-170 BEDROCK
				-soft, fast drilling
				-no foliation
150				-medium to dark green
				-traces of quartz
				-very fine crystals
160				EOH 170'
			01	
170	EOH		02	
180				
190				

[signature]

Un. mic. both massive and finely laminated, dk green and dk grey, v.f.g. to f.g. mod. foliated mafic volcaniclastic (volcaniclastic)

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE FEB 12 1986
HOLE NO S20-86-15 LOCATION L 10E 1240N
GEOLOGIST D. JAMIESON DRILLER A. BARRIERI BIT NO 1000-271 BIT FOOTAGE 3-4 -56.3
SHIFT HOURS
MOVE TO HOLE 8.15-8.30
____ TO ____
DRILL 8.30-11.45
TOTAL HOURS
MECHANICAL DOWN TIME
DRILLING PROBLEMS
CONTRACT HOURS
OTHER
MOVE TO NEXT HOLE

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
				95' WATER
				No Return 95' - 122'
				CLAY
120				122'-132' grey clay
				132'-142' grey clay
				142'-152' chocolate brown clay followed by grey clay
				152'-163' grey clay
140				SAND
				163'-164' fine to medium grey sand - no pebbles
				TILL
160				164'-167.5' fine grey sandy matrix; pebbles 95% volcanics 5% granitics
			01	
			02	
				BEDROCK
				167.5'
				moderately foliated, very fine grained medium green mafic volcanic
180				
				169' EOH
				brecc. vol. frag. red to dk green. strongly foliated to schistose mafic metavolcanic
200				

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE [illegible] 19[illegible]

HOLE NO [illegible] LOCATION [illegible]

GEOLOGIST [illegible] DRILLER [illegible] BIT NO. [illegible] BIT FOOTAGE [illegible]-1217'

SHIFT HOURS ______ TO ______

MOVE TO HOLE

DRILL [illegible]

TOTAL HOURS

MECHANICAL DOWN TIME

DRILLING PROBLEMS

CONTRACT HOURS

OTHER

MOVE TO NEXT HOLE

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
80				WATER DEPTH 91'
				CASING SET TO 123'
				91-147' CLAY
90				-91-132' no return
				-at 132' soft green clay followed by brown clay
100				-at 142' brown clay followed by firmer green clay
				147-149' TILL
110				-90% dark green volcanics
				-5% granitics; orange
				-5% quartz
120				-small amounts fine sandy matrix; grey
				-traces of pyrite in volcanics
130				
				149-153' BEDROCK
				-dark green
140				-fine grain
				-mild foliation
				-3% quartz
			01	-at 152' bedrock became much harder.
150			02	
	EOH			EOH 153'
160				
170				
180				bin. mic. dk grey-green, v.f.g., massive, weak-strong foliation, mafic metavolcanic (Unit 3)

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE 19 Feb 19[illegible]

HOLE NO [illegible] LOCATION [illegible]

GEOLOGIST [illegible] DRILLER [illegible] BIT NO. [illegible] BIT FOOTAGE [illegible]

SHIFT HOURS

MOVE TO HOLE [illegible]

____ TO ____

DRILL [illegible]

TOTAL HOURS

MECHANICAL DOWN TIME

DRILLING PROBLEMS

CONTRACT HOURS

OTHER

MOVE TO NEXT HOLE

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
				104' WATER
				104' CASING
				100-147 - NO RETURN
				147-182 - grey clay
140 20				- brown interbed at 162-182
				200-203 - TILL
				- fine grey sand matrix
				- trace of pyrite
160 40				- 70% volcanic
				- 30% granitic
				- occasional piece of quartz
				- gravel interbed
				203-204 - BEDROCK
180 60				- very hard
				- black
				- fine grain
				- high impurity content i.e. till and sand
				- 2 [illegible]
				- 17-02 BEDROCK
200 80			01	- 17-03 OVERBURDEN/sand
			02, 03	- no foliation
				204 E.O.H
				[illegible] m.g. crystalline massive, unfoliated, gabbroic
100				

[signature]

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE FEB. 12 1986 HOLE NO SLO-86-18 LOCATION L112+00W -14+00N
GEOLOGIST B.LISS DRILLER DESROSIERS BIT NO. ECOMET BIT FOOTAGE [illegible]
SHIFT HOURS MOVE TO HOLE 11:00 to 11:10
TO DRILL 11:10 to 4:15
TOTAL HOURS MECHANICAL DOWN TIME
DRILLING PROBLEMS
CONTRACT HOURS OTHER
MOVE TO NEXT HOLE 4:15 to 4:30

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
120				WATER 101' ICE 19" CASING 124'
				101 to 142 feet NO RETURN ASSUMED SATURATED CLAYS
140				142 to 172 feet GRAY CLAY SOFT AND SMOOTH
				172 to 200 BROWN CLAY SOFT AND SMOOTH
				200 to 204 feet GRAVEL COBBLY 60% VOLCANIC 40% GRANITIC COARSE GRANULAR MATRIX (GRANITIC)
160				204 to 210 TILL - 204 to 208 PEBBLY TO COBBLY 60% GRANITIC 40% VOLCANIC MEDIUM GRAIN SANDY GRAY MATRIX
180				- 208 to 210 PEBBLY 95% VOLCANICS 5% GRANITICS VERY SANDY FINE GRAY MATRIX.
				210 to 212 feet BEDROCK 90% DARK GREEN TO BLACK MINERALS 10% LIGHT MINERALS QUARTZ & CARBONATE MILD TO MODERATE FOLIATION TRACE OF PYRITE (BANDED) SOME APPARENT BANDING OR LINEATION OF LIGHT AND DARK MINERALS. INCREASED PYRITE AT 211.5 feet
200				Lim. mic. med dk green, laminated weak to mod. foliation, fg. mafic meta volcaniclastic (ash tuff).
				211 212 Matthew Bloom

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE [illegible] 13 19 8[illegible]

HOLE NO [illegible] LOCATION L 112+00 W 18+00 N

GEOLOGIST [illegible] DRILLER [illegible] BIT NO. [illegible] BIT FOOTAGE 767-975'

SHIFT HOURS ____ TO ____

MOVE TO HOLE

DRILL 9:00-10:30-11:30

TOTAL HOURS

MECHANICAL DOWN TIME

DRILLING PROBLEMS 10:30 to 11:30 LOST CASING

CONTRACT HOURS

OTHER

MOVE TO NEXT HOLE

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO	DESCRIPTIVE LOG
120				WATER DEPTH = 100ft. 114' of casing
				NO RETURN 100' of 152'
130				CLAY 152' to 203' -grey in color -soft and smooth
140				TILL 203' to 206' -fine sand matrix -slightly cobbly -some pyrite 60% Vol. 40% Granitic
150				
160				BEDROCK 206' to 208' -dark green -mafic Vol. -moderatly foliated -50% Vol. 50% Carbonates 1% Quartz
170				
180				E.O.H. 208'
190				
200				
210				

[signature]

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE 13 FEB. 1986

HOLE NO SAO-83-30 LOCATION [illegible]

GEOLOGIST [illegible] DRILLER [illegible] BIT NO. [illegible] BIT FOOTAGE 0-112

SHIFT HOURS ____ TO ____

MOVE TO HOLE ____

DRILL ____

TOTAL HOURS ____

MECHANICAL DOWN TIME ____

DRILLING PROBLEMS ____

CONTRACT HOURS ____

OTHER ____

MOVE TO NEXT HOLE ____

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
				101' WATER
				124' CASING
				100'-132' NO RETURN
				132'-198' CLAY
140				- grey
				- very soft
				- brown interbed at ~172'-182'
				198'-203' TILL
160				- fine grey sand matrix
				- 90% volcanic
				- 10% granitic
				- occasional piece of quartz with yellow-brown ('Fe?') impurities
180				- traces of pyrite
				203'-207' BEDROCK
				- layered pyrite
				- medium high foliation
				- medium green
200			01	- 100% volcanic
			02	- occasional piece of quartz or carbonate
				E.O.H. 207'
220				

[illegible] med. green, [illegible] ~~[illegible]~~ [illegible]

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE FEB 13 1986
SHIFT HOURS
_____ TO _____
TOTAL HOURS
_____
CONTRACT HOURS
_____

HOLE NO SLC-86-21 LOCATION L 118W 18N
GEOLOGIST D. JAMIESON DRILLER A. SULLIVAN BIT NO. LOX1241 BIT FOOTAGE 975'-1147'
MOVE TO HOLE 3:45-4:00
DRILL 4:00-6:30
MECHANICAL DOWN TIME _____
DRILLING PROBLEMS _____
OTHER _____
MOVE TO NEXT HOLE _____

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
				93' WATER 104' CASING
				No Return 93'-122'
				CLAY
				122'-132' grey clay
120				132'-142' chocolate brown clay
				142'-152' chocolate brown clay followed by grey clay
				152'-160' grey clay
				TILL
140				160'-169.5' fine grey sandy matrix pebbles 95% volcanics 5% granitics
				BEDROCK
				169.5' very fine grained, dark green, moderately foliated; 10% milky white qtz.
160			01	
			02	172' E.O.H.
			03	bn. mic. dk grn. v.f.g. fg. locally laminated, mafic metavolcanic (tuff ± flow?)
180				
100				

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE Feb 13 19 86

SHIFT HOURS
_____ TO _____

TOTAL HOURS
_____

CONTRACT HOURS
_____

HOLE NO [illegible]-86-22 LOCATION L 118+00W [illegible]
GEOLOGIST [illegible] DRILLER FORTIN BIT NO JC00573 BIT FOOTAGE 207-356
MOVE TO HOLE [illegible]15 - [illegible]:45
DRILL [illegible]:45 –
MECHANICAL DOWN TIME
DRILLING PROBLEMS
OTHER
MOVE TO NEXT HOLE

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
				WATER DEPTH 83'
				CASING SET TO 103'
80				83-136' CLAY
				83-112' no return
				112-122' soft green
90				122-136' choc. brown then green.
				136-149.5 TILL
				- heavy matrix
100				- fine grey matrix
				- 10% granitics, orange, black & white
				- 90% volcanics, mostly dark green
110				- cobbly
				- trace of pyrite
				- boulder at 149'
120				149-151 BEDROCK
				- dark green
				- no foliation
130				- fine grain
				- 40% quartz
			01	- 1% pyrite
140				
				EOH 151'
			02	
			03	
150			04	
	EOH			
160				
170				

[illegible] dk green f.-m.g. unfoliated, crystalline mafic [illegible] intrusive (gabbro)

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE FEB 14 19 8?

SHIFT HOURS ____ TO ____

TOTAL HOURS ____

CONTRACT HOURS ____

HOLE NO SL-0-86-23 LOCATION L 124 +00 W 26+00 N

GEOLOGIST ? DRILLER BELLIVEAU BIT NO 1000317 BIT FOOTAGE 0-172'

MOVE TO HOLE 8:30 - 9:00

DRILL 9:00 - 1:30

MECHANICAL DOWN TIME

DRILLING PROBLEMS

OTHER NEW BIT

MOVE TO NEXT HOLE

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
				WATER DEPTH = 92 ft
100				104' of casing
				NO RETURN 92' to 152'
110				CLAY 152' to 162' -grey -soft and smooth
120				TILL 162' to 169' -fine sand matrix -40% Vol. 60% Granitics -some pyrite
130				
140				BEDROCK 169' to 172' -medium to dark green -50% Vol. 50% Carbonates -some quartz
150				E.O.H. 172'
160				BEDROCK IS TO HARD TO DRILL, SMALL SAMPLE
170				
	E.O.H.			
180				
190				

NOTES: FIRST SAMPLE 164'
SECOND SAMPLE 169'

Dinoc nic f.g. - m.g. crystalline, weakly to moderately foliated, flecked with rutile or leucoxene?, med to dk green. Mafic flow (intrusive?)

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE 13 Feb 1986

HOLE NO SLO-86-24 LOCATION L124+00W - 16+00N

GEOLOGIST SHANNON DRILLER FORTIN BIT NO. J00373 BIT FOOTAGE 358 - 470

SHIFT HOURS

_____ TO _____

MOVE TO HOLE 4:00 4:30

DRILL 4:30 - 6:00

TOTAL HOURS

MECHANICAL DOWN TIME

DRILLING PROBLEMS

CONTRACT HOURS

OTHER

MOVE TO NEXT HOLE

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
				67' WATER
				83' CASING
				67'-108 - CLAY
				- grey
40				- very soft
				- brown interbed at ~92'
				108'-111' - TILL
				- fine grey-green matrix
				- 90% volcanic
60				- 5% granitic
				- 5% quartz or carbonate
				- traces of pyrite
				111'-112' - BEDROCK
70				- dark green
				- mild foliation
				- 90% volcanic
				- 10% white (quartz & carbonate)
100				- fine grain
				E.O.H. 112'
			01	
			02	James Shannon
120				[illegible] dk gr. v.f.g. - f.g., laminated?, weakly foliated, high qtz-carb content (~15%) [illegible]

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE FEB. 14 1986

HOLE NO SLD 86-25 LOCATION L 124+00 - 24+00N

GEOLOGIST BLISS DRILLER BELLIVEAU BIT NO. 1000317 BIT FOOTAGE 172-380

SHIFT HOURS ______ TO ______

MOVE TO HOLE 1:30 to 2:00

DRILL 2:00 to 4:30

TOTAL HOURS ______

MECHANICAL DOWN TIME ______

DRILLING PROBLEMS ______

CONTRACT HOURS ______

OTHER ______

MOVE TO NEXT HOLE 4:30 to 5:00 ~~CASING~~ 5:00 to 5:45

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
				WATER DEPTH 96'
				CASING (N) 104'
120				96 to 132 feet NO RETURN
				assumed saturated clays
				soft and smooth.
				132 to 162 feet CLAY
				GRAY SOFT AND SMOOTH
				162 to 172 feet CLAY
				GRAY/BROWN, SOFT & SMOOTH
140				172 to 182 feet CLAY
				BROWN SOFT & SMOOTH
				182 to 192 feet CLAY
				GRAY SOFT & SMOOTH
				192 to 195 GRAVEL
				60% VOLCANICS
				40% GRANITICS
160				PEBBLY TO COBBLY
				COARSE GRAINED GRAY MATRIX
				195 to 204 feet TILL
				PEBBLY TO COBBLY.
				FINE TO MEDIUM GRAINED
				SANDY GRAY MATRIX.
				60% VOLCANICS
				40% GRANITICS
180				204 to 205
				205 to 208 BEDROCK
				FINE GRAINED, MEDIUM GREEN
				15% CARBONATE/QUARTZ
			01	10% RED MINERAL
				(FINE GRAINED GARNET ?)
				STRINGY TEXTURE - FOLIATION
200			02	(MODERATE)
				TRACE OF PYRITE.
			03	bin mic. v.f.g.-f.g. med to dk green
			04	massive to weakly foliated mafic
210				metavolcanic

Matthew Bliss

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE Feb 14 1986

HOLE NO [illegible]-86-26 LOCATION L 124+00W 18+00N

GEOLOGIST BOORDA DRILLER CORTIN BIT NO V000373 BIT FOOTAGE [illegible]

SHIFT HOURS ______ TO ______

MOVE TO HOLE

DRILL 10:00 - 12:45

TOTAL HOURS ______

MECHANICAL DOWN TIME

DRILLING PROBLEMS Ø

CONTRACT HOURS ______

OTHER 8:00 - 10:00 defrost

MOVE TO NEXT HOLE

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO	DESCRIPTIVE LOG
				WATER DEPTH 85'
				CASING [illegible]
80				85-123' CLAY
				- at 112 green then brown clay both soft
				- at 122 brown then green clay
90				122.5 - 130.5 TILL
				- 95% volcanics, dark green
100				- 5% granitics, orange
				- fine sandy matrix, grey
				- cobbly
110				- boulders at 122.5; pink granite
				at 129; dark green
				130.5 - 132 BEDROCK
120				- dark green
				- 5% quartz
			01	- fine crystals
130				- no foliation
			02	
	EOH			EOH 132'
140				
150				
160				

bio. mic. med to dk green, strongly foliated to schistose, weathered surfaces oxidized to rust colour. Strongly laminated. Sheared mafic metavolcanic (possibly volcaniclastic ? - carbonatized)

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE FEB 15 1986

HOLE NO SLC-86-21 LOCATION L 130W 30N

GEOLOGIST D JAMIESON DRILLER A Belliveau BIT NO. 100312 BIT FOOTAGE 380 498

SHIFT HOURS
____ TO ____
TOTAL HOURS
CONTRACT HOURS

MOVE TO HOLE
DRILL 8:00 - 11:00
MECHANICAL DOWN TIME
DRILLING PROBLEMS
OTHER
MOVE TO NEXT HOLE

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
				71' WATER 104' CASING
				71' - 82' No Return
				CLAY
60 20				82'-92' grey clay 92'-102' chocolate brown clay 102'-112' chocolate brown clay followed by grey clay
				112'-116' grey clay
80 40				GRAVEL
				116' - 116.5' cobbly gravel and boulders 70% volcanics 30% granitics
100 60				BEDROCK
				116.5' fine to medium grained light green ~~lapilli~~ lapilli tuff -2% PY
125			01 02	118' E.O.H.
120 80				bin. mic. fg matrix, fragments up to 4mm., laminated, lt. med grey-green. ash. lapilli tuff
100				

David Jamieson

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE 11 Feb 1986

SHIFT HOURS

_____ TO _____

TOTAL HOURS

CONTRACT HOURS

HOLE NO GLO-86-38 LOCATION L124/... -20+00...

GEOLOGIST [illegible] DRILLER [illegible] BIT NO. [illegible] BIT FOOTAGE [illegible]-772'

MOVE TO HOLE 1100-1130

DRILL 1130-4:15

MECHANICAL DOWN TIME

DRILLING PROBLEMS

OTHER

MOVE TO NEXT HOLE

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
				93' WATER
				101' CASING
				93'-162 CLAY
				- grey
100 20'				- very soft
				- brown interbed at 142'
				162'-168 - TILL
				- fine grey sand matrix
120 40				- 90% volcanic
				- 5% granitic
				- 5% quartz or carbonate
				- traces of pyrite.
				168'-170' - BEDROCK
140 60				- dark green
				- 90% volcanic
				- 10% quartz or carbonate
				- mild foliation
				- fine grain
160 80				E.O.H. 170'
			01	
			02	
180 100				

[signature]

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE FEB 15 19 86

SHIFT HOURS

_____ TO _____

TOTAL HOURS

_____

CONTRACT HOURS

_____

HOLE NO SLC-86-29 LOCATION L 130+00W 32+00N

GEOLOGIST [illegible] DRILLER [illegible] BIT NO. [illegible] BIT FOOTAGE [illegible]

MOVE TO HOLE 11:00 - 11:10

DRILL 11:10 - 2:00

MECHANICAL DOWN TIME _____

DRILLING PROBLEMS _____

OTHER _____

MOVE TO NEXT HOLE _____

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
				WATER DEPTH = 57ft. 54' of casing
50				NO RETURN 57' to 82'
60				CLAY 82' to 97' - grey - soft and smooth
70				TILL 97' to 99' - fine sand matrix - 50% Vol. + 50% Granitics
80				BOULDER 99' to 100' - Granitic
90				TILL 100' to 101' - fine sand matrix - 50% Vol. 50% Granitics
100	E.O.H.			BEDROCK 101' to 102' - dark green - 50% Vol. 50% Carbonates - small amount of quartz
110				E.O.H. 102'
120				
170				Since mia, med dk green, f.g., unfoliated, possible small (1mm) fragments mafic tuff or flow?
180				

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE 15 Feb 1986
HOLE NO SLC-86-30 LOCATION L124+00 - 22+00N
GEOLOGIST SHANNON DRILLER FORTIN BIT NO. 300370 BIT FOOTAGE 0-188
SHIFT HOURS ____ TO ____
MOVE TO HOLE -
DRILL 8:45 - 10:45
TOTAL HOURS
MECHANICAL DOWN TIME
DRILLING PROBLEMS
CONTRACT HOURS
OTHER
MOVE TO NEXT HOLE

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
				95' WATER
				124' CASING
				95'-185' - CLAY
				- grey
120				- very soft
				- brown interbed at 162'-172'
				185'-187' - TILL
				- 100% volcanic
140				- fine green-grey matrix
				- traces of pyrite
				187'-188' BEDROCK
				- medium-dark green
160				- medium foliation
				- traces of quartz or carbonate
				- fine grain
				E.O.H. 188'
180				
	.Δ.		C1 / 02	
100				

James Shannon

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE FEB 15 19 86
SHIFT HOURS ____ TO ____
TOTAL HOURS ____
CONTRACT HOURS ____

HOLE NO SLC 86 31 LOCATION L 13CW 2EN
GEOLOGIST D. JAMIESON DRILLER Ann BELLWOOD BIT NO. 1600 317 BIT FOOTAGE 20' 144'
MOVE TO HOLE 2:10-2:10
DRILL 2:10
MECHANICAL DOWN TIME
DRILLING PROBLEMS
OTHER
MOVE TO NEXT HOLE

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
1				WATER 83' CASING 84'
70 2				83' - 102' No Return
3				CLAY
80 4				102' - 112 grey clay
5				112' - 122' chocolate brown clay
90 6				122' - 132' grey clay
7				132' - 142 grey clay
100 8				TILL
9				142' - 143 fine grey sandy matrix pebbles 60% volcanic 40% granitic
110 10				
11				BEDROCK
120 12				143 grey-green, fine grained, weakly to moderately foliated finely laminated tuff; fine to medium grained py up to 10%; 10% milky white qtz.
13				
130 14				
15				
140 16			01 02	144' E.O.H.
17				
150 18				David Jamieson
19				
160 20				

Linox mic. v.f.g. - f.g. med grey-green laminated, 10% + mg pyrite aggregates · mafic - intermediate tuff.

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE FEB 15 198[illegible]

SHIFT HOURS ____ TO ____

TOTAL HOURS ____

CONTRACT HOURS ____

HOLE NO [illegible]-32 LOCATION 6 130+00W 26+00N

GEOLOGIST X DRILLER [illegible] BIT NO. [illegible] BIT FOOTAGE 744'

MOVE TO HOLE 3:55 - 4:00

DRILL 4:00 - 7:40 9:00 - 12:45

MECHANICAL DOWN TIME

DRILLING PROBLEMS

OTHER

MOVE TO NEXT HOLE

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
				WATER DEPTH = 89 ft.
130				94' of casing
				NO RETURN 89' to 120'
140				CLAY 120' to 159' - grey - soft and smooth
150				TILL 159' to 170' - fine sand matrix - 40% Vol. 60% Granitics
160				GRAVEL 170' to 174'
805 ppb			01	- pebbly - 50% Vol. 50% Granitics
330 ppb			02	- some pyrite
170			03	TILL 174' to 175' - fine sand matrix
			04	- 40% Vol. 60% Granitics
180				BOULDER 175' to 176' - granitic
130 ppb			05	TILL 176' to 180' - fine sand matrix
190				- 40% Vol. 60% Granitics
			06	GRAVEL 180' to 181' - pebbly - 50% Vol. 50% Granitics
200				TILL 181' to 185' - fine sand matrix - 40% Vol. 60% Granitics BOULDER 185' to 186' - granitics
210				TILL 186' to 197' - fine sand matrix - 50% Vol. 50% Granitics BOULDER 197' to 197.5' - granitics
220				TILL 197.5' to 200' - fine sand matrix - 50% Vol. 50% Granitics

NOTE:
AT 197' STOPPED HOLE AT 7:40 PM. FEB. 15
RESTARTED HOLE AT 9:00 AM FEB. 16

2 VG

BOULDER 200' to 202'
- med. green
- mafic Vol.

E.O.H. 202'

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE FEB 16 19 86

SHIFT HOURS
____ TO ____

TOTAL HOURS
____

CONTRACT HOURS
____

HOLE NO SG-86-33 LOCATION L 130 W 24N
GEOLOGIST D. Jamieson DRILLER [illegible] BIT NO [illegible] BIT FOOTAGE 0'–189'
MOVE TO HOLE 12:45 – 1:30 Wait for skidder
DRILL 1:30 – 4:30
MECHANICAL DOWN TIME
DRILLING PROBLEMS
OTHER NEW BIT
MOVE TO NEXT HOLE

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
				94' WATER
				94' CASING
				94'–113' No Return
				CLAY
				112'–122' dark brown clay
120				122'–152' grey clay
				152'–162' grey clay followed by chocolate brown clay
				162'–172' grey clay
140				GRAVEL
				178'–187.5' well sorted, subrounded pebbles 60% granites 40% volcanics thin sand interbeds
160				BEDROCK
				187.5' moderately foliated, light to medium green, finely laminated tuff. 20% soft light green chips (carbonate) 5% milky white quartz 1% py disseminated and banded
180			01	
			02	189' E.O.H.
			03	
200				

David Jamieson

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE 17 [illegible] 19[illegible]

SHIFT HOURS

_____ TO _____

TOTAL HOURS

_____

CONTRACT HOURS

_____

HOLE NO [illegible] LOCATION [illegible]

GEOLOGIST [illegible] DRILLER [illegible] BIT NO [illegible] BIT FOOTAGE [illegible]

MOVE TO HOLE

DRILL 9:45 - 12:00

MECHANICAL DOWN TIME 8:15 - 9:45

DRILLING PROBLEMS [illegible]

OTHER

MOVE TO NEXT HOLE

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
				95' WATER
				104' CASING
				95 - 125 - No Returns
				125 - 125½ - CLAY
120				- grey
				- very soft
				- brown interbed at 155' - 165'
				125½ - 190 - TILL
140				- fine grey sand matrix
				- 95% volcanic
				- 5% granitic
				- occasional piece of quartz
				190 - 192 BEDROCK
160				- black
				- fine grain
				- hard
				- no foliation
				E.O.H. 191
180				
			01	
			02	
200				

James Shaw

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE Feb 17 1986

SHIFT HOURS ____ TO ____

TOTAL HOURS ____

CONTRACT HOURS ____

HOLE NO 50-86-35 LOCATION L 136W 2 N

GEOLOGIST D. Jamieson DRILLER R. Buckley BIT NO 1000x6 BIT FOOTAGE 500-539

MOVE TO HOLE 12:00 - 12:15

DRILL 12:15 - 5:30

MECHANICAL DOWN TIME ____

DRILLING PROBLEMS ____

OTHER ____

MOVE TO NEXT HOLE 5:30 6:00

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
				87' WATER
				94' CASING
				97' - 102' No Return
				CLAY
				102' - 112' dirty brown clay
120 20				112' - 122' grey clay
				122' - 132' chocolate brown clay
				132' - 142' chocolate brown clay followed by grey clay
				142' - 152' grey clay
				152' - 161 grey clay
140 40				GRAVEL
				161' - 164' moderately sorted subrounded pebbles 50% granites 50% volcanics
				TILL
				164' 165' fine to medium grey-green sandy matrix 50% granites pebbles 50% volcanics
160 60				
115			01	
40			02	165' - 168 fragment till - mafic volcanic cuttings with granitic pebbles and mafic fragments; intermittent sand.
			03	
				BEDROCK
180 80				168' weakly to moderately foliated mafic volcanic; very fine grained 10% soft pale green carbonate chips
				169' E.O.H.
100				

David Jamieson

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE Feb 18 19 86

SHIFT HOURS ____ TO ____

TOTAL HOURS ____

CONTRACT HOURS ____

HOLE NO SNL-86-36 LOCATION L 136+00W 24+00N

GEOLOGIST X DRILLER Belliveau BIT NO. [illegible] BIT FOOTAGE 544-727'

MOVE TO HOLE

DRILL 8:00 - 10:45

MECHANICAL DOWN TIME

DRILLING PROBLEMS

OTHER

MOVE TO NEXT HOLE

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
				WATER DEPTH = 97ft.
100				97' of casing
				NO RETURN 97' to 112'
110				CLAY 112' to 174'
				- grey
				- soft and smooth
120				TILL 174' to 174.5'
				- fine sand matrix
				- 60% Vol 40% Granitics
130				SAND 174.5' to 174.8'
				- Coarse
				TILL 174.8' to 177'
140				- fine sand matrix
				- 70% Vol. 30% Granitics
150				BEDROCK 177' to 178'
				- dark green
				- mafic Vol.
160				- 40% Quartz
				- some pyrite
				E.O.H. 178'
170				
1065 / 400				vg irregular / vg irregular [illegible]
	E.O.H.			
180				
190				

NOTE:
SAMPLE No. 1 = 175.5'
No. 2 = 177'
No. 3 = 178'

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE FEB 18 1986

SHIFT HOURS
_____ TO _____

TOTAL HOURS
_____

CONTRACT HOURS
_____

HOLE NO SLC-86-37 LOCATION 1136 W 26 N
GEOLOGIST D. Jamieson DRILLER [illegible] BIT NO. [illegible] BIT FOOTAGE 0 - 178
MOVE TO HOLE 10:45 - 10:50
DRILL 10:50 - 5:00
MECHANICAL DOWN TIME _____
DRILLING PROBLEMS _____
OTHER NEW BIT
MOVE TO NEXT HOLE 5:00 - 5:30

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
				85' WATER 95' CASING 85' - 102' No Return
				CLAY 102' - 132' grey clay 132' - 142' grey clay followed by chocolate brown clay
100 20				142' - 152' grey clay 152' - 155.5' grey clay
120 40				TILL 155.5' - 171' fine grey sandy matrix pebbly 60% granites 40% volcanics. granite and volcanic boulders between 169' and 171'
140 60				GRAVEL 171' - 176' well sorted, rounded pebbles 70% granites 30% volcanics
				LODGEMENT TILL 176' - 177 very hard material, few cuttings, mainly sand and gravel
176 160 80 100 60 [illegible]			01 02 03 04 05	BEDROCK 177 dark green fine grained gabbro. 5% quartz 178' E.O.H. David Jamieson
180 100				

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE [illegible] 19 86

HOLE NO [illegible] 38 LOCATION L 136 W 28 N

GEOLOGIST [illegible] DRILLER [illegible] BIT NO. [illegible] BIT FOOTAGE [illegible]

SHIFT HOURS ____ TO ____

MOVE TO HOLE –

DRILL 9.30 to 11.10

TOTAL HOURS ____

MECHANICAL DOWN TIME

DRILLING PROBLEMS

CONTRACT HOURS ____

OTHER

MOVE TO NEXT HOLE

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
	W			WATER 87'
	W			CASING 94'
				87 to 102 feet NO RETURN
90				102 to 120 feet CLAY
				GRAY, SOFT AND SMOOTH.
				120 to 122 feet CLAY
100				BROWN, SOFT AND SMOOTH
				122 to 133 feet CLAY
				133 TILL
				VERY SANDY (FINE GRAY MATRIX)
				FEW PEBBLY CLASTS
				70% VOLCANIC
				30% GRANITIC
				CLAYEY GRIT (LUMPS AS WELL)
120				137 feet BEDROCK
				DARK GREEN
				FINE GRAINED
				40% LIGHT COLOURED MINERAL CONTENT (QUARTZ/CARBONATE)
305 ppb				MODERATE FOLIATION
			01	VERY HARD - LITTLE RETURN
140	COH		02	AT 139 ft.
				E.O.H. 140 feet
160				

Matthew Bliss

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE FEB 19 19 86

HOLE NO SLC-86-39 LOCATION L 136+00 W 20+00 N

GEOLOGIST X DRILLER BELLIVEAU BIT NO. 18CC320 BIT FOOTAGE 5,8'466'

SHIFT HOURS ____ TO ____

MOVE TO HOLE 11:10 - 11:20

DRILL 11:20 - 3:45

TOTAL HOURS

MECHANICAL DOWN TIME

DRILLING PROBLEMS

CONTRACT HOURS

OTHER

MOVE TO NEXT HOLE

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
90				WATER DEPTH = 83' 84' of casing NO RETURN 83' to 112'
100				CLAY 112' to 138' -grey -soft and smooth
110				TILL 138' to 147' -fine sand matrix -80% Vol. 20% Granitics
120				BED ROCK 147' to 148' -dark green to black -mafic Vol
130				E.O.H. 148ft.
140				
150	E.O.H.			
160				
170				
180				

NOTE: SAMPLE No 1 = 142'
No. 2 = 147'
No. 3 = 148'

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE FEB 17 19 86

SHIFT HOURS

____ TO ____

TOTAL HOURS

____

CONTRACT HOURS

____

HOLE NO [illegible] 40 LOCATION L 136 [illegible] · 30 [illegible]

GEOLOGIST [illegible] DRILLER [illegible] BIT NO. [illegible] BIT FOOTAGE [illegible] 556'

MOVE TO HOLE 3:30 to 3:45

DRILL 3:45 to 5:30

MECHANICAL DOWN TIME

DRILLING PROBLEMS

OTHER

MOVE TO NEXT HOLE

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
				WATER 62'
				CASNG 64'
				62 to 72 NO RETURN
				72 feet CLAY
				GRAY SOFT & SMOOTH.
				74 ft. CLAY
20				BROWN SOFT & SMOOTH.
				83 feet TILL PEBBLY
				FINE SANDY GRAIN MATRIX
				60% GRANITICS
				40% VOLCANICS
				87 feet BEDROCK
				FINE, VERY LIGHT
40				HIGHLY SILICIOUS
				FELSIC VOLCANIC
				MODERATELY FOLIATED
				LIGHT GRAY GREEN TO WHITE
				TRACE OF PYRITE
				70% LIGHT GRAY
				30% WHITE CARBONATE/QUARTZ
				E.O.H 90 feet
60				
80				
			01	
			02	
100				

Matthew Bliss.

DATE Mar 8 1986

HOLE NO 41 LOCATION L138+00W 24+00N

GEOLOGIST ROORDA DRILLER BELLIVEAU BIT NO. 867641 BIT FOOTAGE 1414-15

SHIFT HOURS ____ TO ____

MOVE TO HOLE

DRILL 845 - 12:15

TOTAL HOURS

MECHANICAL DOWN TIME

DRILLING PROBLEMS

CONTRACT HOURS

OTHER CASING DROPPED MAR. 7.

MOVE TO NEXT HOLE

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
80				WATER DEPTH 80'
				CASING SET TO 91'
90				80-152' CLAY
				-soft green clay
				-brown interbed between 132 and 142'
100				
				152-161.5' TILL
110				-90% volcanics; dark green
				-5% granitics; black, white, orange
				-5% quartz;
120				-traces of pyrite in volcanics
				-cobbly
				-fine grey sandy matrix
				-traces of copper pyrite.
130				161.5-163' BEDROCK
				-dark green
				-50% quartz
140				-no foliation
				-fine grain
				-very hard
150				EOH 163'
			01	
160			02	
			03	
			04	
	EOH			

[signature]

Bino. Microscope: fine grained massive altered; quartz; carbonate; mafic metavolcanic; pyrite in quartz fine to medium grained disseminated 2-5%

42

DATE MAR 8 19 86

HOLE NO. ~~NMO 00 231~~ LOCATION L.13+W 22+1

GEOLOGIST D. Jamieson DRILLER A. Bellerose BIT NO. C36764-1 BIT FOOTAGE 1577-17

SHIFT HOURS

______ TO ______

MOVE TO HOLE 12:15 - 12:30

DRILL 12:30 - 5:00

TOTAL HOURS ______

MECHANICAL DOWN TIME ______

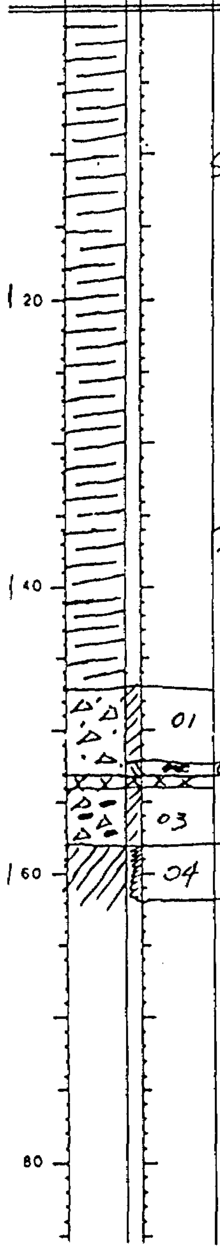
DRILLING PROBLEMS ______

CONTRACT HOURS ______

OTHER ______

MOVE TO NEXT HOLE 5:00 - 5:30

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO	DESCRIPTIVE LOG



74' WATER

74' CASING

No Return 74'-112'

CLAY

112'-122' grey clay

122'-132' grey clay followed by brown clay

132'-142' brown clay followed by grey clay

142'-147' grey clay

TILL

147'-158'

147'-153' fine grey sandy matrix, pebbly 80% volcanics 20% granitics

153' boulder mafic volcanic

154' cobbly till fine to medium grained white sand matrix 65% volcanics 35% granitics

BEDROCK

158' dark green mafic metavolcanic 5-10% qtz.

162' E.O.H.

Binoc Microscope: fine grained massive to weakly foliated, dark green mafic metavolcanic trace py, minor quartz veining

DATE MARCH 9 1986

HOLE NO 43 LOCATION

GEOLOGIST X DRILLER BELLIVEAU BIT NO. BIT FOOTAGE

SHIFT HOURS

_____ TO _____

MOVE TO HOLE

DRILL 8:30 - 12:00

TOTAL HOURS

MECHANICAL DOWN TIME

DRILLING PROBLEMS

CONTRACT HOURS

OTHER

MOVE TO NEXT HOLE

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO	DESCRIPTIVE LOG						
				84' of casing	SAMPLE No.1 = 143'					
					No.2 = 144'					
110				CLAY 110' to 141'						
				- grey						
				- soft and smooth						
120				TILL 141' to 143'						
				- fine sand matrix						
				- slightly cobbly						
130				- 80% Vol. 20% Granitics						
				- small amount of quartz						
140				BEDROCK 143' to 144'						
				- medium to dark green						
	E.O.H.			- mafic Vol.						
150				- some quartz						
				E.O.H. 144 ft.						
160										
170										
				Binoc microscope: dark green fine grained massive to weakly foliated mafic metavolcanic (flow?)						
180										

DATE MARCH 2 1986

SHIFT HOURS ______ TO ______

TOTAL HOURS ______

CONTRACT HOURS ______

HOLE NO ~~[illegible]~~ 44 LOCATION [illegible]

GEOLOGIST BLISS DRILLER BELLIVEAU BIT NO. CB67625 BIT FOOTAGE 0 to 162

MOVE TO HOLE 12:00 to 12:30

DRILL 12:30 to 3:10

MECHANICAL DOWN TIME ______

DRILLING PROBLEMS ______

OTHER ______

MOVE TO NEXT HOLE ______

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
				84' WATER
				84' CASING
80				84 to 102 feet NO RETURN
				102 to 156 feet CLAY
				102 to 132' GRAY, SOFT, SMOOTH.
				132 to 142' GRAY, BROWN, SOFT SMOOTH.
				142 to 152' BROWN, SOFT, SMOOTH.
				152 to 156' GRAY, SOFT, SMOOTH.
100				156 to 159.5 feet TILL
				PEBBLY
				60% VOLCANICS
				40% GRANITICS
				FINE SANDY GRAY MATRIX
				TRACE OF PYRITE
				157 to 158' SAND INTERBED
				GRAY FINE TO MEDIUM GRAINED GRANITIC SAND.
120				NOTE: HIGH VOLCANIC CONCENTRATION IS DUE TO BEDROCK CONTAMINATION OF TILL SAMPLE.
				159.5 feet BEDROCK
				FINE GRAINED
				DARK GREEN
				MASSIVE MAFIC VOLCANIC
140				5 to 10% MILKY QUARTZ (CARBONATE)
				MILD TO NO APPARENT FOLIATION (VERY HARD)
				E.O.H. 162 feet
				Bino microscope: fine grained, weakly foliated dark green, minor quartz, mafic metavolcanic [illegible])
			01	
160			02	
	EOH			

Matthew Bliss

DATE MARCH 12 19 86

HOLE NO 45 LOCATION

GEOLOGIST BLISS DRILLER FORTIN BIT NO. CB676R7 BIT FOOTAGE

SHIFT HOURS ____ TO ____

MOVE TO HOLE 1:30 to 2:45

DRILL 2:45 to 5:00

TOTAL HOURS ____

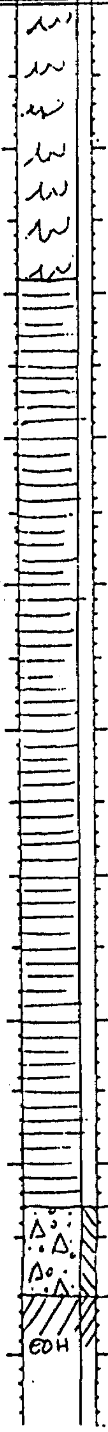
MECHANICAL DOWN TIME

DRILLING PROBLEMS

CONTRACT HOURS ____

OTHER

MOVE TO NEXT HOLE

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO	DESCRIPTIVE LOG
				84 feet WATER 94 feet CASING
70				84 to 102 NO RETURN
				102 to 122 CLAY GRAY, SOFT AND SMOOTH
				122 to 132 BROWN SOFT AND SMOOTH
				132 to 143 GRAY AS ABOVE
90				143 feet TILL PEBBLY CLAYEY SANDY GRAY MATRIX 50% GRANITIC 50% VOLCANICS
				146 feet BEDROCK FINE GRAINED
110				BROWN - DARK BROWN/GREEN BANDING OF BROWN AND DARK BROWN AND QUARTZ TRACE OF PYRITE 10-15% MILKY QUARTZ HARDNESS OF BROWN MINERAL IS ~7 (CONCOIDAL-LIKE FRACTURE) LITTLE TO NO APPARENT
130				FOLIATION
				E.O.H 149 feet.
				Binoc. Microscope: cryptocrystalline
			01	finely, distinctly laminated, some laps: brown and translucent, others grey green;
			02	sharp, distinct bands of nearly 100% Py.
150	EOH			cherty appearance; some quartz-carb. alteration (minor) 5-10% Py (fine) JRB felsic tuff / exhalite

DATE 14 March 1986

HOLE NO SLU-86-46 LOCATION L15+00W - 24+00N

GEOLOGIST SHANNON DRILLER BELLIVEAU BIT NO. CB67620 BIT FOOTAGE 483-564

SHIFT HOURS ___ TO ___

MOVE TO HOLE —

DRILL 8:30 - 9:35

TOTAL HOURS

MECHANICAL DOWN TIME

DRILLING PROBLEMS

CONTRACT HOURS

OTHER

MOVE TO NEXT HOLE

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
				54' CASING 58' WATER
20				58'-79' - CLAY - grey - very soft - brown interbed 65-70
40				79'-80'. TILL - 90% volcanic - 10% quartz - carbonate - fine grey sand matrix - pyrite - cobbly - Note: possibly bedrock with sand wash-in
60				80'-81'. BEDROCK - no foliation - 70% volcanic
80			01 02	- 30% quartz - carbonate - medium green - traces of pyrite - fine grain E.O.H. 81
100				

BINOC MICROSCOPE: fine to med. grained weakly foliated, weakly lamin. 10-15% quartz in 1-2% fine py. mafic meta-volcanic (volcanic)

[illegible signature]

SHIFT HOURS
____ TO ____
TOTAL HOURS
____
CONTRACT HOURS
____

MOVE TO HOLE 4:40 - 4:45 / March 8:30 to 10:15
DRILL 4:45 to 5:30
MECHANICAL DOWN TIME
DRILLING PROBLEMS
OTHER GLO 47'
MOVE TO NEXT HOLE

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO	DESCRIPTIVE LOG
60				WATER 74' CASING 84'
70				74-99' CLAY -soft green clay -chocolate brown interbed 82-92'
80				
90				99-99.5' TILL -10% granitics -90% volcanics -heavy matrix -fine grey sand and silt -traces of pyrite
100		01 02		99.5-101' BEDROCK -light green -no foliation -fine grain EOH 101
110				
120				
130				
140				

EOH

C. A. Rasmussen

BINOC MICROSCOPE: pale green weakly to moderately foliated fine grained altrid (quartz-carb) medium grained dominated by 10% felsic - intermediate volcanic (ta/f?)

DATE MAR 14 1986

HOLE NO [illegible]-48 LOCATION [illegible]

GEOLOGIST D. JAMIESON DRILLER A. Bellizea[illegible] BIT NO. CB67620 BIT FOOTAGE [illegible]

SHIFT HOURS ______ TO ______

MOVE TO HOLE 9:35 - 9:45

DRILL 9:45 - 11:00

TOTAL HOURS ______

MECHANICAL DOWN TIME ______

DRILLING PROBLEMS ______

CONTRACT HOURS ______

OTHER ______

MOVE TO NEXT HOLE ______

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO	DESCRIPTIVE LOG
				84' WATER
				84' CASING
				84'-102' No Return
				CLAY
				102'-112' brown clay
80 20				112'-122' grey clay
				122'-132' brown clay
				132'-139' grey clay
				TILL
100 40				139' fine grey sandy matrix pebbly 80% volcanics 20% granitics
				BEDROCK
120 60				139.5 dark green, fine grained mafic metavolcanic 5-10% quartz, trace py 15% diff green chips (carb?)
				142' E.O.H.
140 80			02	David Jamieson

Bino Microscope fine grained. distinct irregular, plagioclase crystals larger than matrix, minor py, quartz carb alteration, mafic metavolcanic (crystal tuff?)

DATE MARCH 13 1986 | HOLE NO SLO-86-49 | LOCATION L 124+00 W - 52+00 N
GEOLOGIST BLISS | DRILLER FORTIN | BIT NO. CB67647 | BIT FOOTAGE

SHIFT HOURS ______ TO ______

MOVE TO HOLE 10:15 to 10:20

DRILL 10:20 to 12:00

TOTAL HOURS ______

MECHANICAL DOWN TIME

DRILLING PROBLEMS

CONTRACT HOURS ______

OTHER

MOVE TO NEXT HOLE

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO	DESCRIPTIVE LOG
				55' WATER
				64' CASING
				55 - 62' NO RETURN
				62' GRAY CLAY SOFT AND SMOOTH
				72' GRAY AND BROWN CLAY SOFT AND SMOOTH
20				75' TILL PEBBLY 70% GRANITICS 30% VOLCANICS FINE SANDY GRAY MATRIX
40				80' FINE TO MEDIUM SAND MATRIX (CLAST COMPOSITION: AS ABOVE)
60				81' BEDROCK FINE GRAINED MEDIUM GREEN MILD FOLIATION MAFIC VOLCANIC 10-15% CARBONATE (QUARTZ) TRACE OF PYRITE LINEATION OF LIGHT AND DARK GREEN MINERALS.
			01	E.O.H 82'
80			02	
	EOH		03	

Binoc Microscope fine grained w/ tabular quartz crystals larger than matrix and lineated parallel to weak foliation/lineation; medium grained py <1% felsic intrusive/possibly crystal tuff (qtz porphyry)

-96-

DATE 14 March 1986

SHIFT HOURS

____ TO ____

TOTAL HOURS

CONTRACT HOURS

HOLE NO SCU-86-50 LOCATION [illegible] W. [illegible]N

GEOLOGIST SHANNON DRILLER BELLIVEAU BIT NO. B61620 BIT FOOTAGE 706.58

MOVE TO HOLE 11:00 - 11:10

DRILL 11:10 - 1:30

MECHANICAL DOWN TIME

DRILLING PROBLEMS

OTHER

MOVE TO NEXT HOLE

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
				89' WATER
				94' CASING
				89 - 162 - CLAY
110				- grey
				- very soft
				- brown interbed 150-155
				162 - 167 - GRAVEL
130				- 10% quartz - carbonnate
				- 50% granitic
				- 40% volcanic
				- traces of pyrite
				167 - 179 TILL
150				- fine grey sand matrix
				- 50% granitic
				- 50% volcanic
				- traces of pyrite
			01	- pebbly. Not very many pebbles
170			02	179 - 181 - BEDROCK
				- no foliation
			04	- 80% volcanic
			05	- 20% quartz - carbonnate
				- traces of pyrite
				- dark green
				E.O.H. 181

BINOC. MICROSCOPE: fine to medium grained, fragmental, finely [illegible] distinctly [illegible] PY up to 2% [illegible]

James Shannon

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE Mar 13 1986

SHIFT HOURS ______ TO ______

TOTAL HOURS ______

CONTRACT HOURS ______

HOLE NO SLO-86-51 LOCATION L124+00W 33+50N

GEOLOGIST BOORDA DRILLER FORTIN BIT NO. C867647 BIT FOOTAGE 0-76

MOVE TO HOLE 12:00 - 12:05

DRILL 12:05 - 2:15

MECHANICAL DOWN TIME

DRILLING PROBLEMS

OTHER NEW BIT

MOVE TO NEXT HOLE

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO	DESCRIPTIVE LOG
0				WATER 40'
20				40-64' CLAY - soft green - brown inter bed between 52' - 62'
40				64-74' TILL - 64-72' - 50% granitics; orange, black, white - 50% volcanics; med - dark green - 72-74 - 30% granitics - 70% volcanics, medium green - Cobbly
60			01	74-76' BEDROCK - dark green - no foliation - Fine grain - 5% quartz
			02	
	EOH		03	EOH 76'
80				

[signature]

Bruce Microscope - fine grained
[illegible] ... mafic metavolcanic (volcaniclastic?)

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

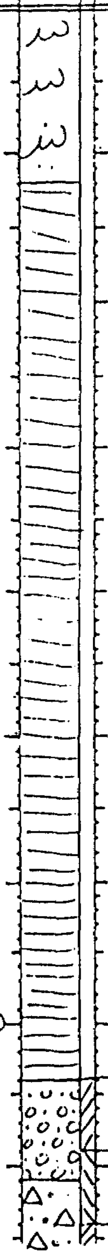
DATE MARCH 14 1986
HOLE NO SLO-86-52 LOCATION L127+00W - 27+00N
GEOLOGIST BLISS DRILLER FORTIN BIT NO. C867647 BIT FOOTAGE 496-6

SHIFT HOURS ____ TO ____
MOVE TO HOLE 11:30 to 11:40
DRILL 11:40 to 2:00

TOTAL HOURS
MECHANICAL DOWN TIME
DRILLING PROBLEMS

CONTRACT HOURS
OTHER
MOVE TO NEXT HOLE

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
				82' WATER 94' CASING (N)
80				82 to 102' NO RETURN
				102 GRAY CLAY SOFT, SMOOTH
				125 BROWN CLAY as above
				142 GRAY CLAY as above
100				144 GRAVEL PEBBLY COARSE SANDY TO GRANULAR MATRIX 60% GRANITICS 40% VOLCANICS TRACE OF PYRITE IN VOLCANICS.
120				151 TILL PEBBLY FINE TO MEDIUM SANDY GRAY MATRIX. 70% GRANITICS 30% VOLCANICS TRACE OF PYRITE
140				159 BEDROCK FINE GRAINED DARK GREEN 10-15% QUARTZ/SERICITE (CARBONATE) TRACE OF LINEATION MILD FOLIATION TRACES OF PYRITE
			01	TRACES OF OXYDATION APPARENT ALSO.
			02	E.O.H. 162 ft.



Bruce Mills...: fine grained massive mafic metavolcanics minor quartz carb alteration

		03	
160		04	

... all hours Bliss

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE Mar 13 1986
SHIFT HOURS
____ TO ____
TOTAL HOURS
____
CONTRACT HOURS
____

HOLE NO SKO-86-53 LOCATION L 127+00W / 33+00N
GEOLOGIST ROOPRA DRILLER FORTIN BIT NO. CB67647 BIT FOOTAGE 76-187
MOVE TO HOLE 2:15 - 2:20
DRILL 2:20
MECHANICAL DOWN TIME
DRILLING PROBLEMS
OTHER
MOVE TO NEXT HOLE

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
50				WATER 60'
				60-95' CLAY
60				- soft green
				95-109' TILL
70				- 50% granitics, orange, black & white
				- 50% volcanics, red - dark green
				- traces of quartz & pyrite
80				- cobbly
				109-111' BEDROCK
90				- Fine to medium grain
				- medium green
				- mafic intrusive gabbro
			01	- 10-15% quartz (carbonates)
100			02	- mild foliation
			03	- trace of pyrite
110			04	EOH 111
	EOH			
120				
130				

Binoc Microscope: fine grained massive mafic intrusive, strong carbonate alteration (most of sample is quartz)

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE Apr 19 19 __

SHIFT HOURS

____ TO ____

TOTAL HOURS

CONTRACT HOURS

HOLE NO SL-86-54 LOCATION L127+00W 25+00N

GEOLOGIST RODERA DRILLER FORTIN BIT NO. CB07647 BIT FOOTAGE 58-832

MOVE TO HOLE 2:00-2:15

DRILL 2:15

MECHANICAL DOWN TIME

DRILLING PROBLEMS

OTHER

MOVE TO NEXT HOLE

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
80				WATER 92'
90				92-172' CLAY
				-soft green
				-brown interbed between 52-62'
100				172-173.5' TILL
				-fine sandy matrix
110				-med sandy matrix
				-30% granitics, orange, black & white
				-70% volcanics,
120				-traces of pyrite, quartz
				173.5-174' BEDROCK
				-dark green
130				-no foliation
				-gabbro
				-coarse grain
140				-very hard.
				-traces of pyrite
150				EOH 174
160				[signature]

BINOC. MICROSCOPE: fine grained mafic metavolcanic, strongly carbonatized (again samples mostly muck)

DATE MARCH 13 19 86

HOLE NO SLO-86-55 LOCATION L-127+00W - 31+00 N

GEOLOGIST BLISS DRILLER FORTIN BIT NO. CP67647 BIT FOOTAGE 137-3?

SHIFT HOURS ____ TO ____

MOVE TO HOLE 4:05 to 4:10

DRILL 4:10 to 5:30 (as well as 1 hour on MARCH 14th)

TOTAL HOURS ____

MECHANICAL DOWN TIME ____

DRILLING PROBLEMS ____

CONTRACT HOURS ____

OTHER ____

MOVE TO NEXT HOLE ____

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO	DESCRIPTIVE LOG
	W			73' WATER
				89' CASING (N)
				20" ICE
80				73 to 92' NO RETURN
				92' GRAY CLAY SOFT AND SMOOTH
				122' GRAY/BROWN CLAY SOFT AND SMOOTH
100				132' BROWN CLAY as above
				142' GRAY CLAY as above
				152' GRITTY CLAY
				153' PEBBLY GRAY SAND FINE GRAINED
120				155' TILL PEBBLY 60% GRANITIC 40% VOLCANIC FINE TO MEDIUM GRAIN GRAY SANDY MATRIX.
				159' BEDROCK
140				VERY HARD NO FOLIATION MEDIUM GRAINED MEDIUM GREEN 1% PYRITE
				E.O.H 162'
			01	
			02	Binoc microscope: fine grained fragmental rock lamination
160	EOH		03	minor medium greenish py intermediate lapilli tuff.

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE MARCH 14 19 86 | HOLE NO SO-86-56 LOCATION L 127+00W - 23+00N
GEOLOGIST BLISS DRILLER FORTIN BIT NO. CB6764 BIT FOOTAGE 0-197

SHIFT HOURS
TO
TOTAL HOURS
CONTRACT HOURS

MOVE TO HOLE 4:15 to 4:20
DRILL 9:20 to 5:45 NOT QUITE FINISH
MECHANICAL DOWN TIME
DRILLING PROBLEMS
OTHER WILL FINISH MORNING OF 15th.
MOVE TO NEXT HOLE

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
				90' WATER
				94' CASING (N)
				90 to 112 NO RETURN
				112 GRAY/BROWN CLAY SOFT AND SMOOTH
140				132 GRAY CLAY as above
				162 BROWN CLAY as above
				172 REDDISH/BROWN CLAY FOLLOWED BY GRAY CLAY as above
160				189 GRANITIC BOULDER - ORANGE BLACK & WHITE
				192 GRAVEL MED GRAIN SAND 20% GRANITICS 80% VOLCANICS, DARK GREEN TRACE OF PYRITE COBBLY after 193' 5% granitics 95% volcanics
180				
			01	197 BEDROCK Dark green & LIGHT GREEN
			02	NO FOLIATION
200			03	COARSE GRAIN (gabbro) TRACES OF OXIDATION

EOH 200

Binoc Microscope: medium grained massive gabbro

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE Mar 14 1986

HOLE NO 2-86-57 LOCATION L27+00W 29+00N

GEOLOGIST ROORDA DRILLER FORTIN BIT NO. CB67647 BIT FOOTAGE 349-49

SHIFT HOURS ____ TO ____

MOVE TO HOLE

DRILL

TOTAL HOURS

MECHANICAL DOWN TIME

DRILLING PROBLEMS

CONTRACT HOURS

OTHER

MOVE TO NEXT HOLE

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
				WATER 78'
				CASING 94'
				78-144' CLAY
				-soft green
80				
				144-144.5 TILL
				·5% granitics
				·95% volcanics, dark green
90				-trace of pyrite
				-fine grey sandy matrix
				144.5-147' BEDROCK
100				- grey-green
				-no foliation
				-fine grain
110				-traces of pyrite
				-3% quartz
120				EOH 147
130				[signature]
140				Bino microscope:
			02	Very fine grained grey-brown massive faintly laminated, pyritic siliceous tuff / exhalite; some very fine scale fracturing + veining
150	EOH			

Power Lake

Sullivan Bay
(Rowan Lake)

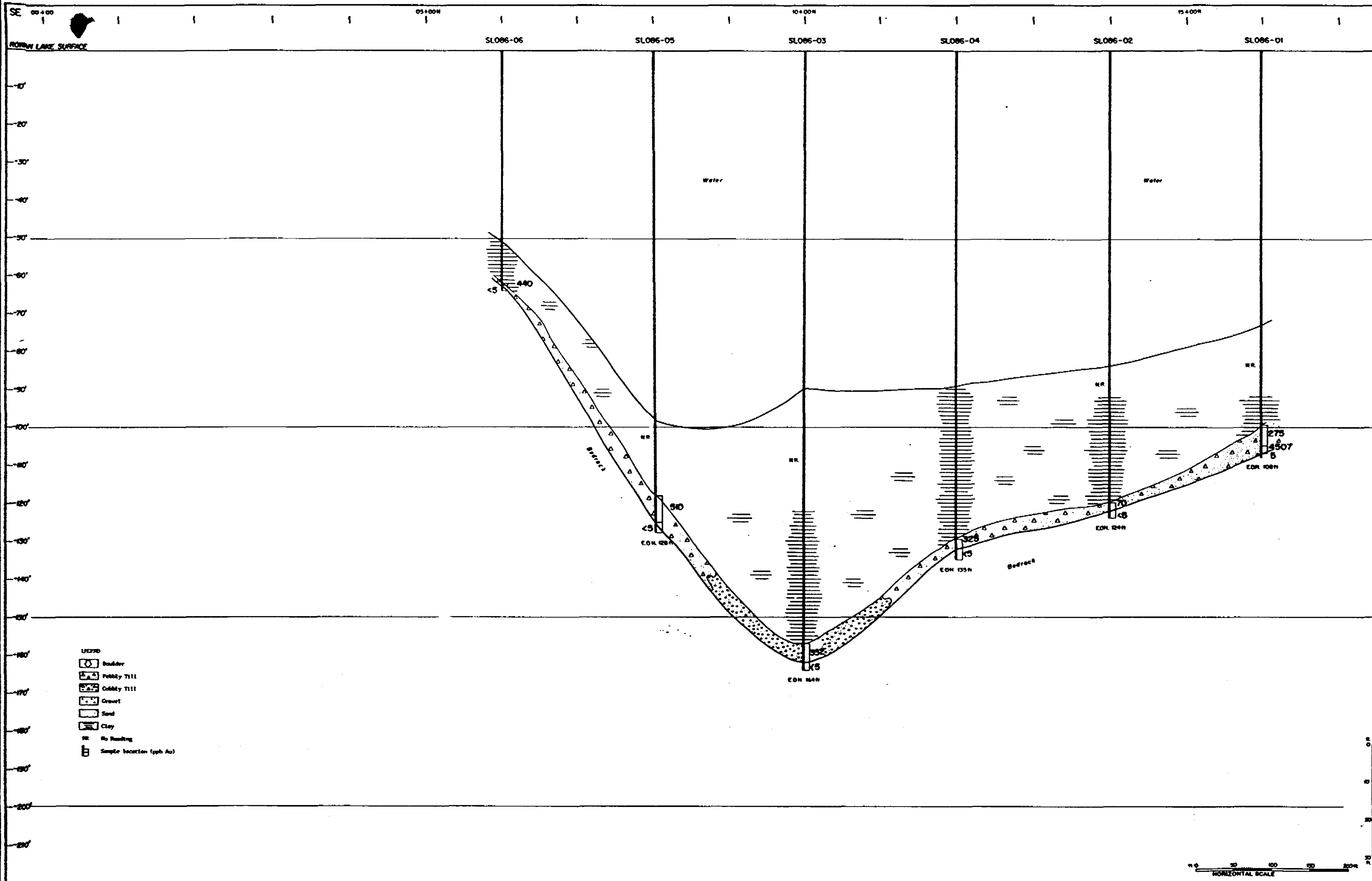
SILVER LAKE RESOURCES INC.

Rowan Lake Property
District of Kenora, Ontario
N.T.S. 52F/5

REVERSE CIRCULATION
DRILL HOLE LOCATIONS

SCALE 1 inch = 500 feet

Date: June 1986 | Geologist: L. Burden | FIG #



Silver Lake Resources Inc.

SILVER LAKE/DEL NORTE JOINT VENTURE

ROWAN LAKE PROPERTY

North Western Ontario

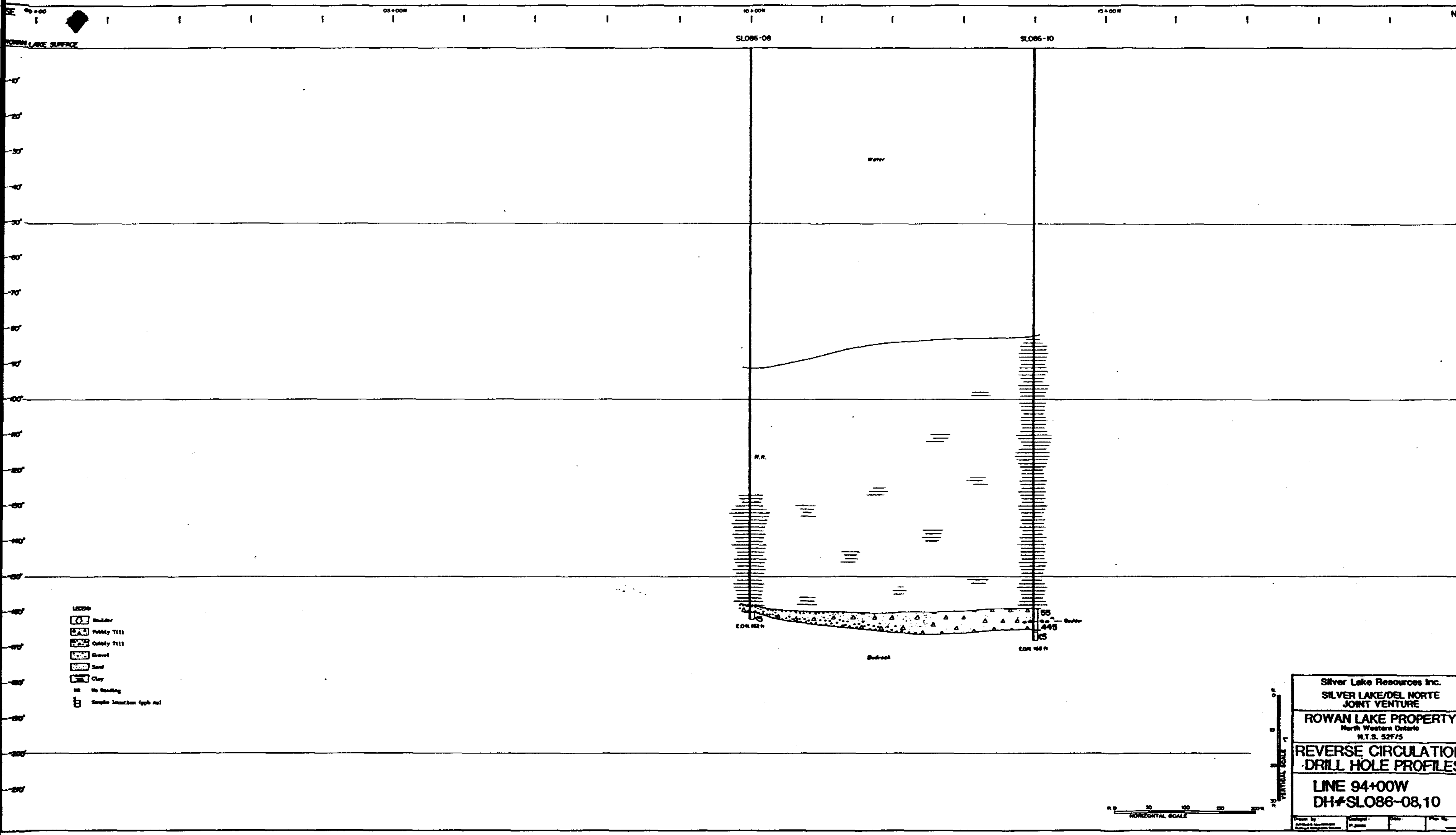
N.T.S. 52F/5

REVERSE CIRCULATION DRILL HOLE PROFILES

LINE 88+00W

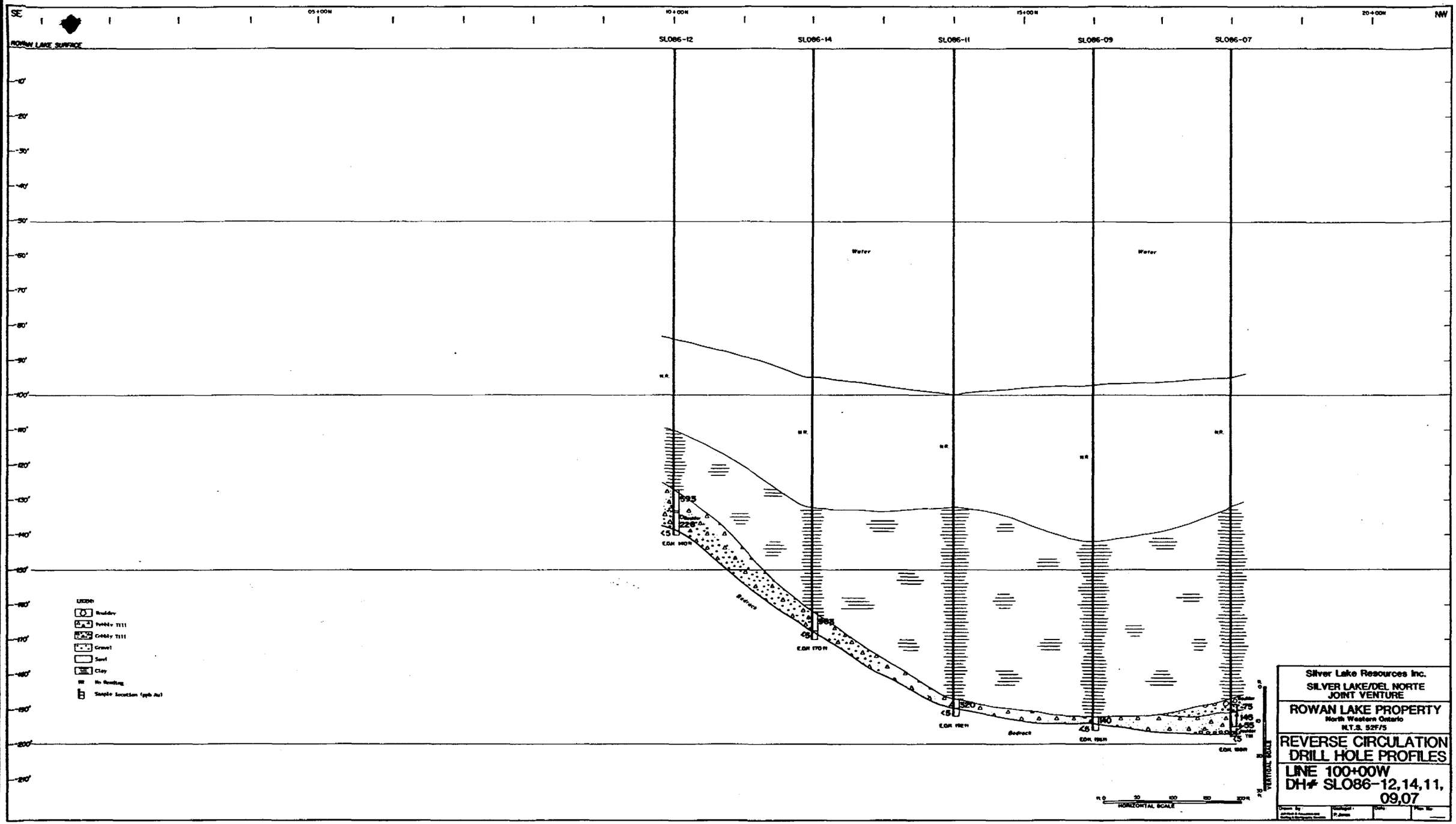
DH# SLO86-06,05,03, 04,02,01,

63.4787



SE
NW
ROWAN LAKE SURFACE
SL086-08
SL086-10
Water
Bedrock
Silver Lake Resources Inc.
SILVER LAKE/DEL NORTE JOINT VENTURE
ROWAN LAKE PROPERTY
North Western Ontario
N.T.S. 52F/5
REVERSE CIRCULATION DRILL HOLE PROFILES
LINE 94+00W
DH#SL086-08,10
HORIZONTAL SCALE
VERTICAL SCALE

63-4787



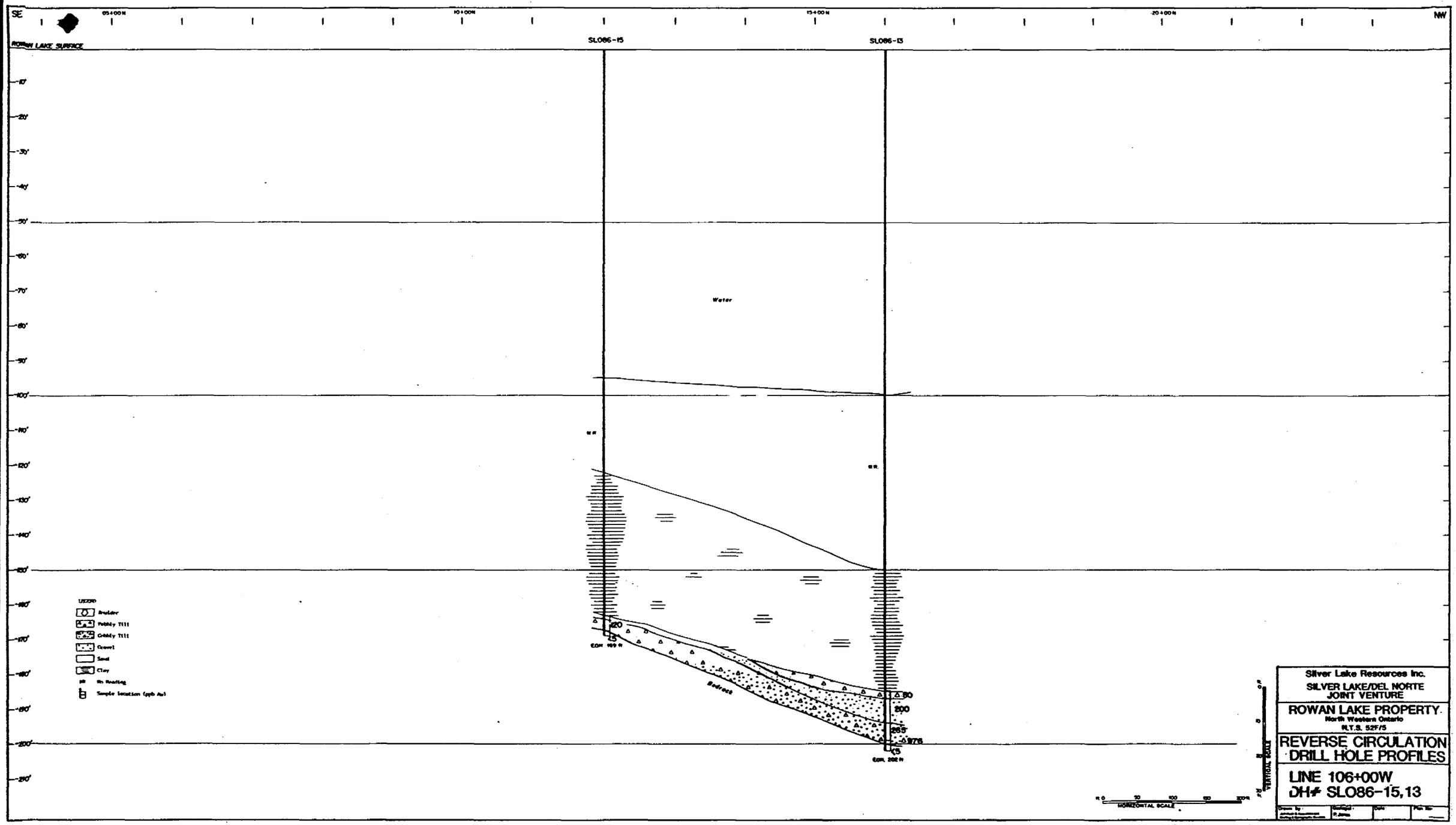
Silver Lake Resources Inc.
SILVER LAKE/DEL NORTE JOINT VENTURE

ROWAN LAKE PROPERTY
North Western Ontario
N.T.S. 52F/5

REVERSE CIRCULATION DRILL HOLE PROFILES

LINE 100+00W
DH# SL086-12,14,11, 09,07

63.4787



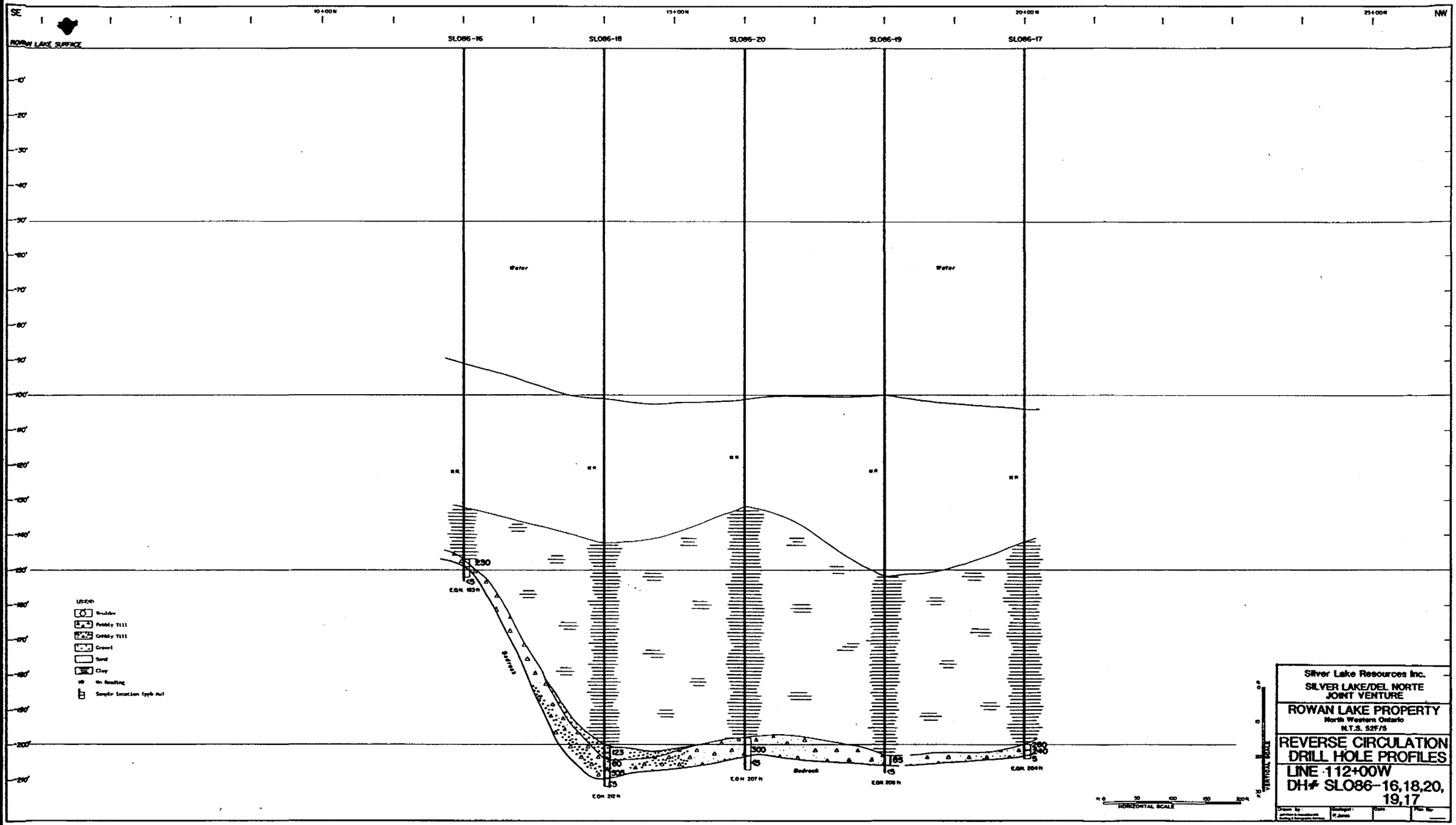
Silver Lake Resources Inc.
SILVER LAKE/DEL NORTE
JOINT VENTURE

ROWAN LAKE PROPERTY
North Western Ontario
N.T.S. 52F/5

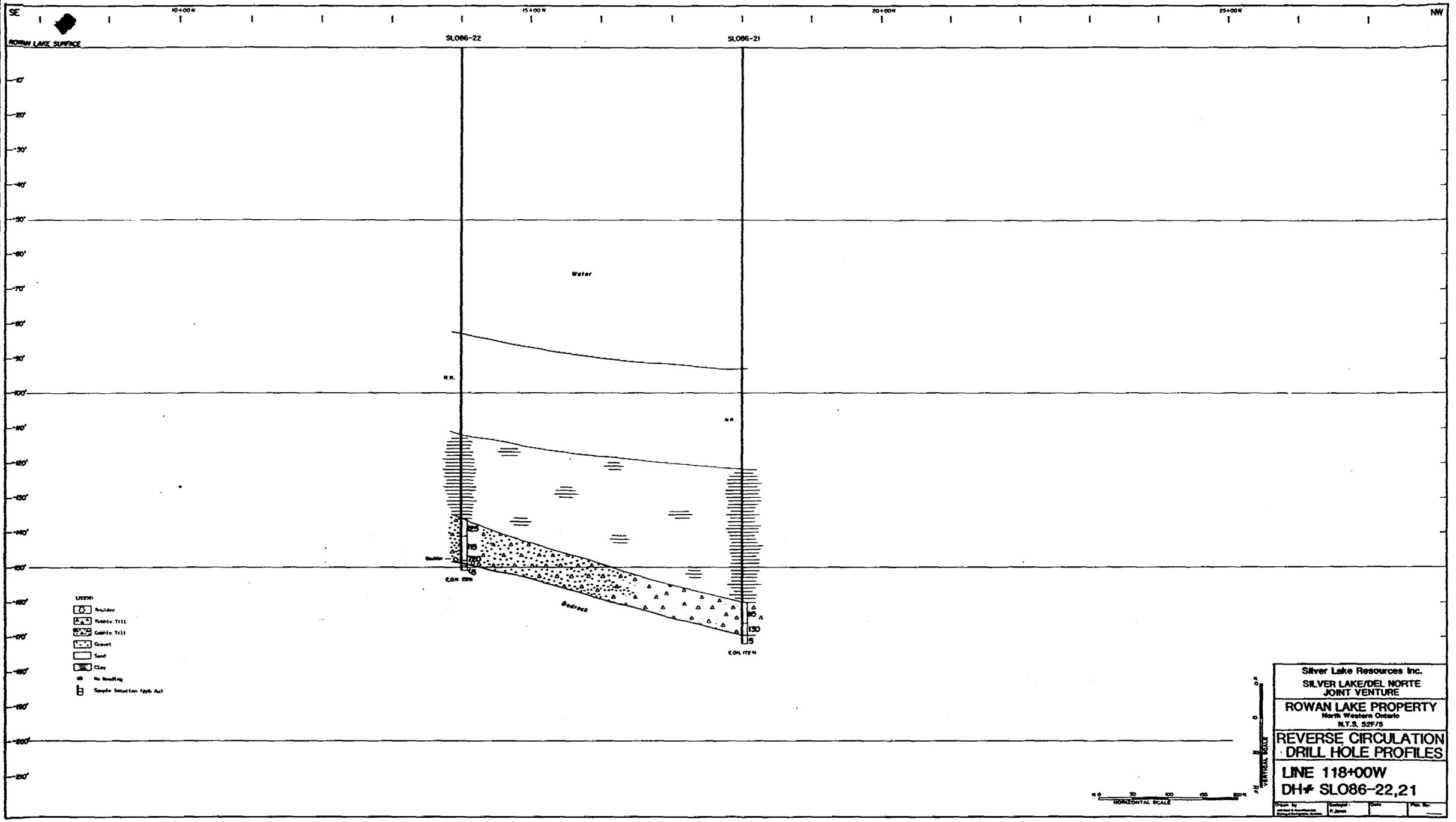
REVERSE CIRCULATION
DRILL HOLE PROFILES

LINE 106+00W
DH# SL086-15,13

63.4787


SE
NW
10+00N
15+00N
20+00N
25+00N
ROWAN LAKE SURFACE
SL086-16
SL086-18
SL086-20
SL086-19
SL086-17
Water
Water
230
15
E.O.H. 183 ft
Bedrock
123
60
305
15
E.O.H. 212 ft
300
15
E.O.H. 207 ft
Bedrock
65
15
E.O.H. 208 ft
280
240
5
E.O.H. 204 ft
Boulder
Pebbly Till
Cobbly Till
Gravel
Sand
Clay
Sample location (ppb Au)
HORIZONTAL SCALE
VERTICAL SCALE
Silver Lake Resources Inc.
SILVER LAKE/DEL NORTE JOINT VENTURE
ROWAN LAKE PROPERTY
North Western Ontario
N.T.S. 52F/5
REVERSE CIRCULATION DRILL HOLE PROFILES
LINE 112+00W
DH# SL086-16,18,20, 19,17
Drawn by:
Geologist:
P. Jones
Date
Plan No.

63.4787



Silver Lake Resources Inc.
SILVER LAKE/DEL NORTE JOINT VENTURE

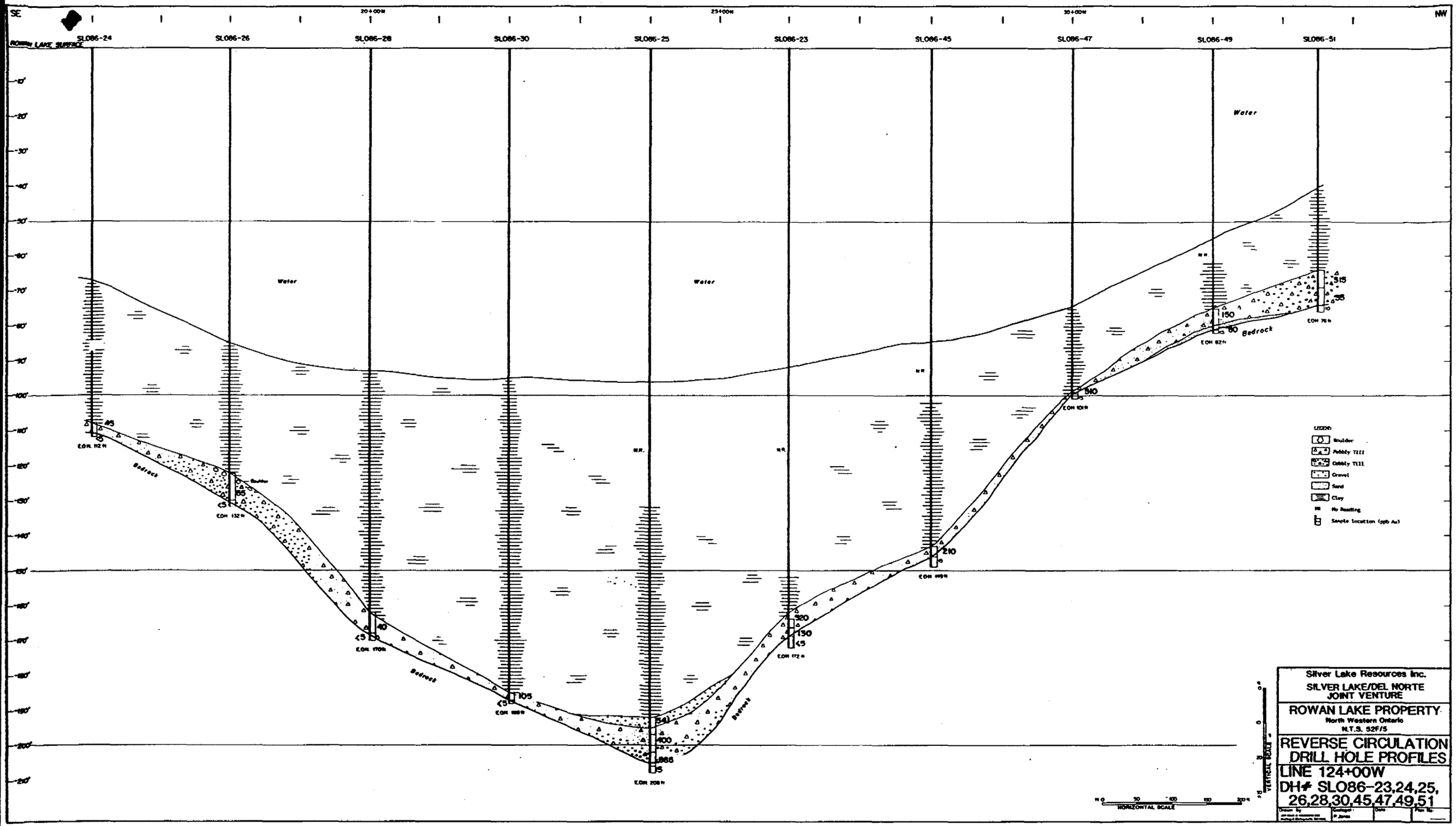
ROWAN LAKE PROPERTY
North Western Ontario
N.T.S. 52F/5

REVERSE CIRCULATION DRILL HOLE PROFILES

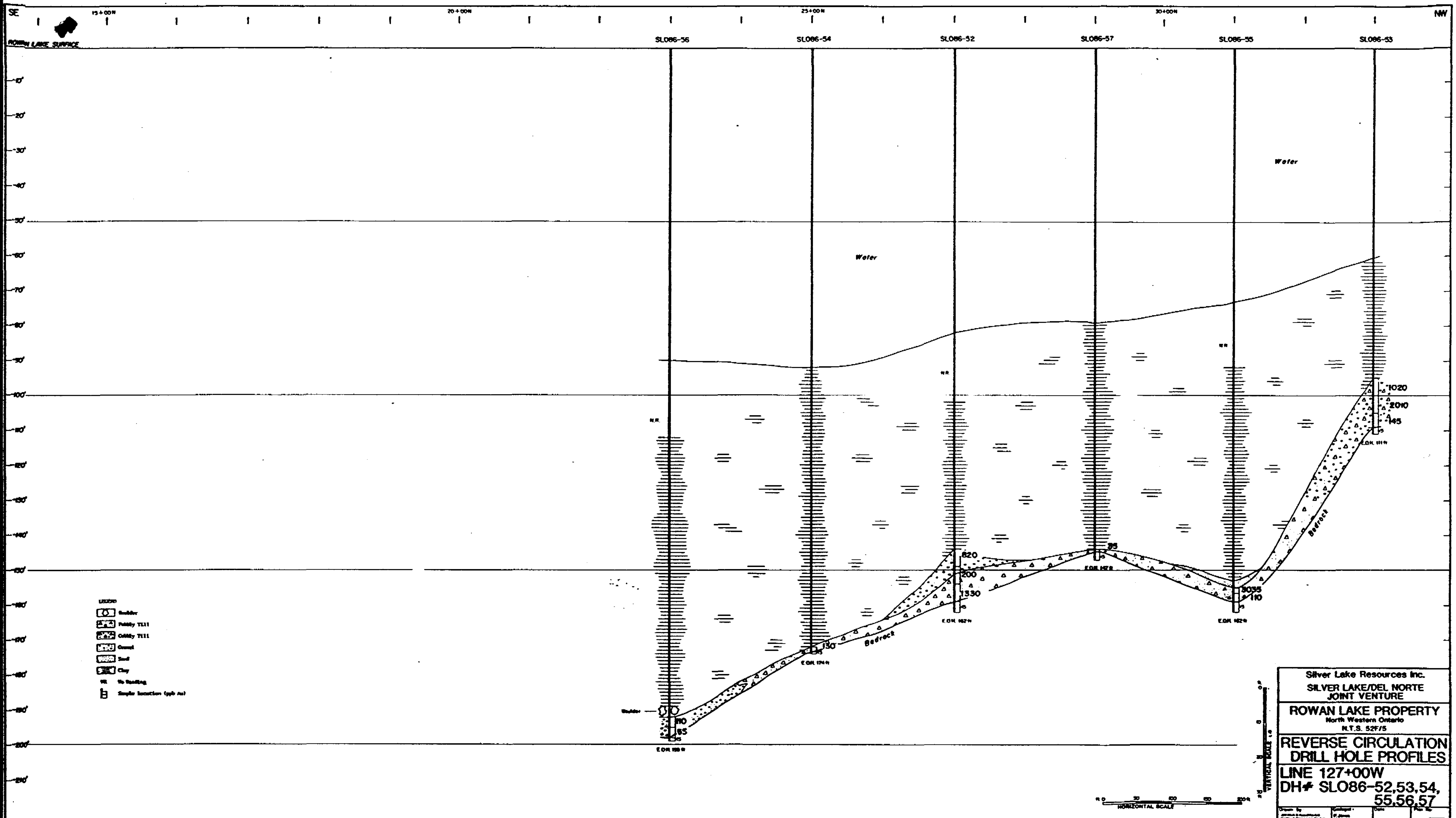
LINE 118+00W
DH# SL086-22,21

Drawn by | Geological | Date | Plan No.
P. Jones

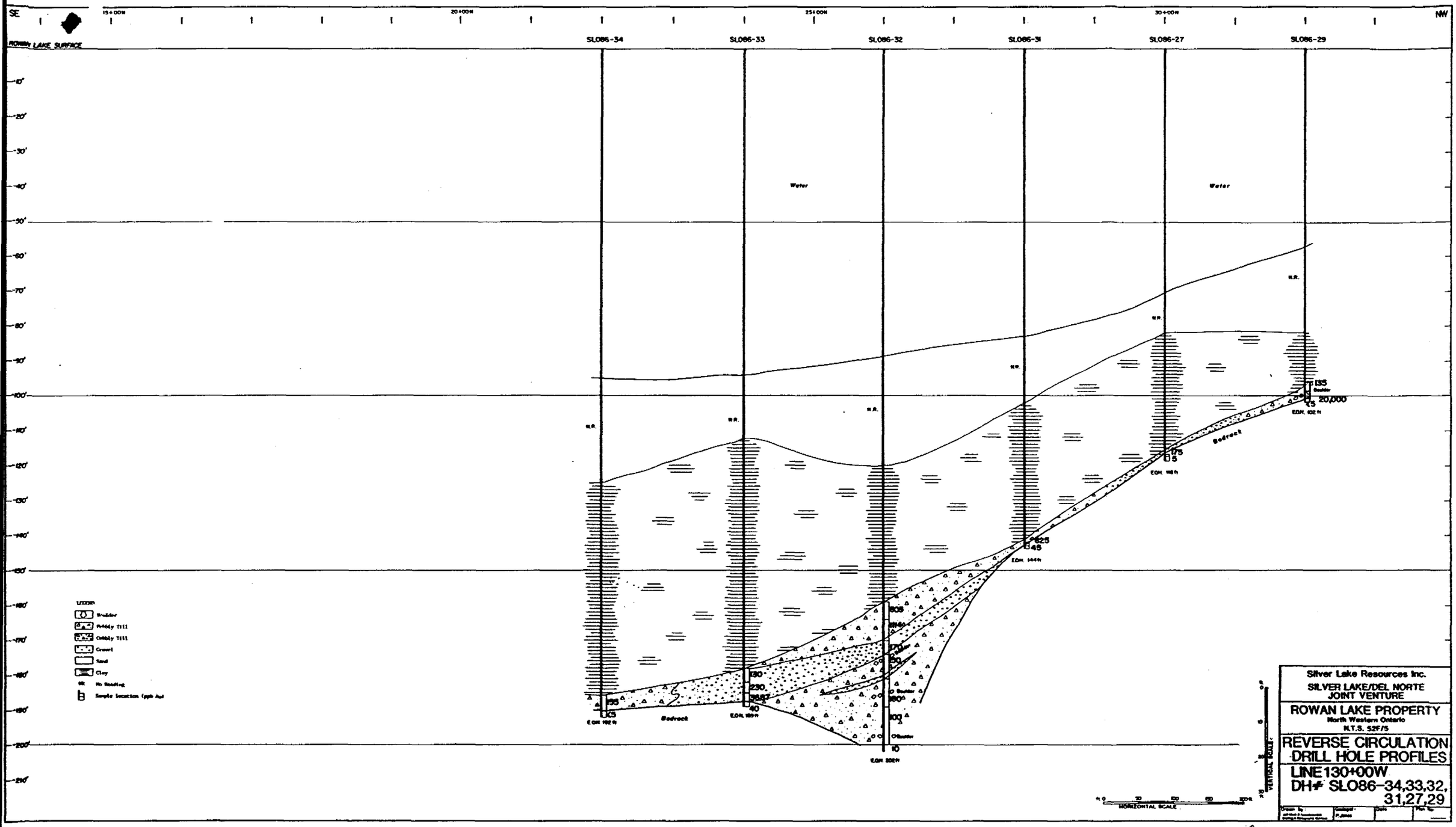
63.4787


SE
NW
20+00W
25+00W
30+00W
ROWAN LAKE SURFACE
SL086-24
SL086-26
SL086-28
SL086-30
SL086-25
SL086-23
SL086-45
SL086-47
SL086-49
SL086-51
Water
Bedrock
Boulder
EOH 112 ft
EOH 132 ft
EOH 170 ft
EOH 188 ft
EOH 208 ft
EOH 172 ft
EOH 195 ft
EOH 101 ft
EOH 82 ft
EOH 76 ft
LEGEND
Boulder
Pebbly Till
Cobbly Till
Gravel
Sand
Clay
No Reading
Sample location (ppb Au)
HORIZONTAL SCALE
VERTICAL SCALE
Silver Lake Resources Inc.
SILVER LAKE/DEL NORTE JOINT VENTURE
ROWAN LAKE PROPERTY
North Western Ontario
N.T.S. 52F/5
REVERSE CIRCULATION DRILL HOLE PROFILES
LINE 124+00W
DH# SL086-23,24,25, 26,28,30,45,47,49,51

63.4787


SE
NW
15+00N
20+00N
25+00N
30+00N
ROWAN LAKE SURFACE
SLO86-56
SLO86-54
SLO86-52
SLO86-57
SLO86-55
SLO86-53
Water
Water
Bedrock
Bedrock
Boulder
620
200
1330
85
3035
110
1020
2010
145
130
110
65
Silver Lake Resources Inc.
SILVER LAKE/DEL NORTE JOINT VENTURE
ROWAN LAKE PROPERTY
North Western Ontario
N.T.S. 52F/5
REVERSE CIRCULATION DRILL HOLE PROFILES
LINE 127+00W
DH# SLO86-52,53,54, 55,56,57
HORIZONTAL SCALE
VERTICAL SCALE

63-4787



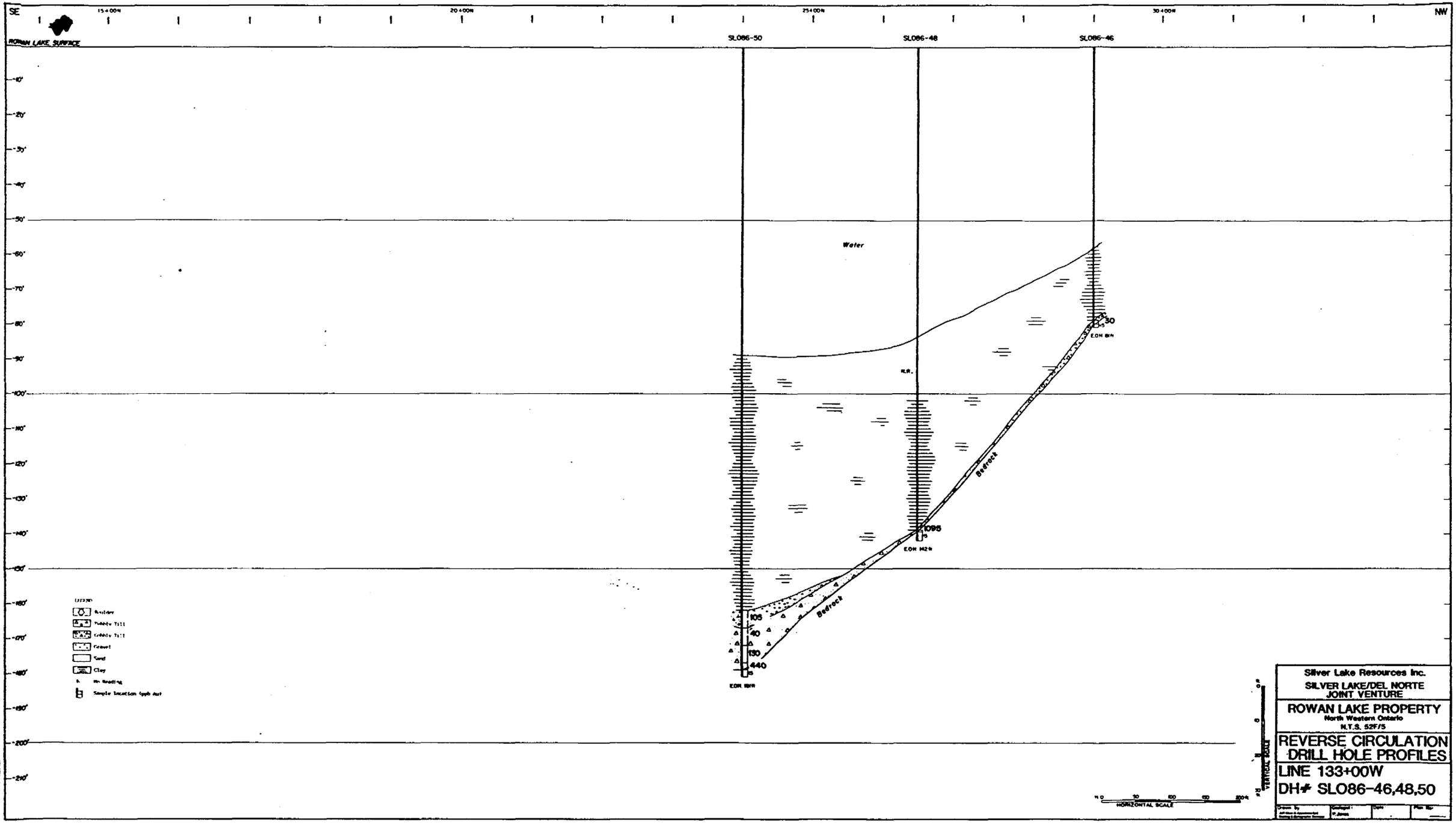
Silver Lake Resources Inc.
SILVER LAKE/DEL NORTE JOINT VENTURE

ROWAN LAKE PROPERTY
North Western Ontario
N.T.S. 52F/5

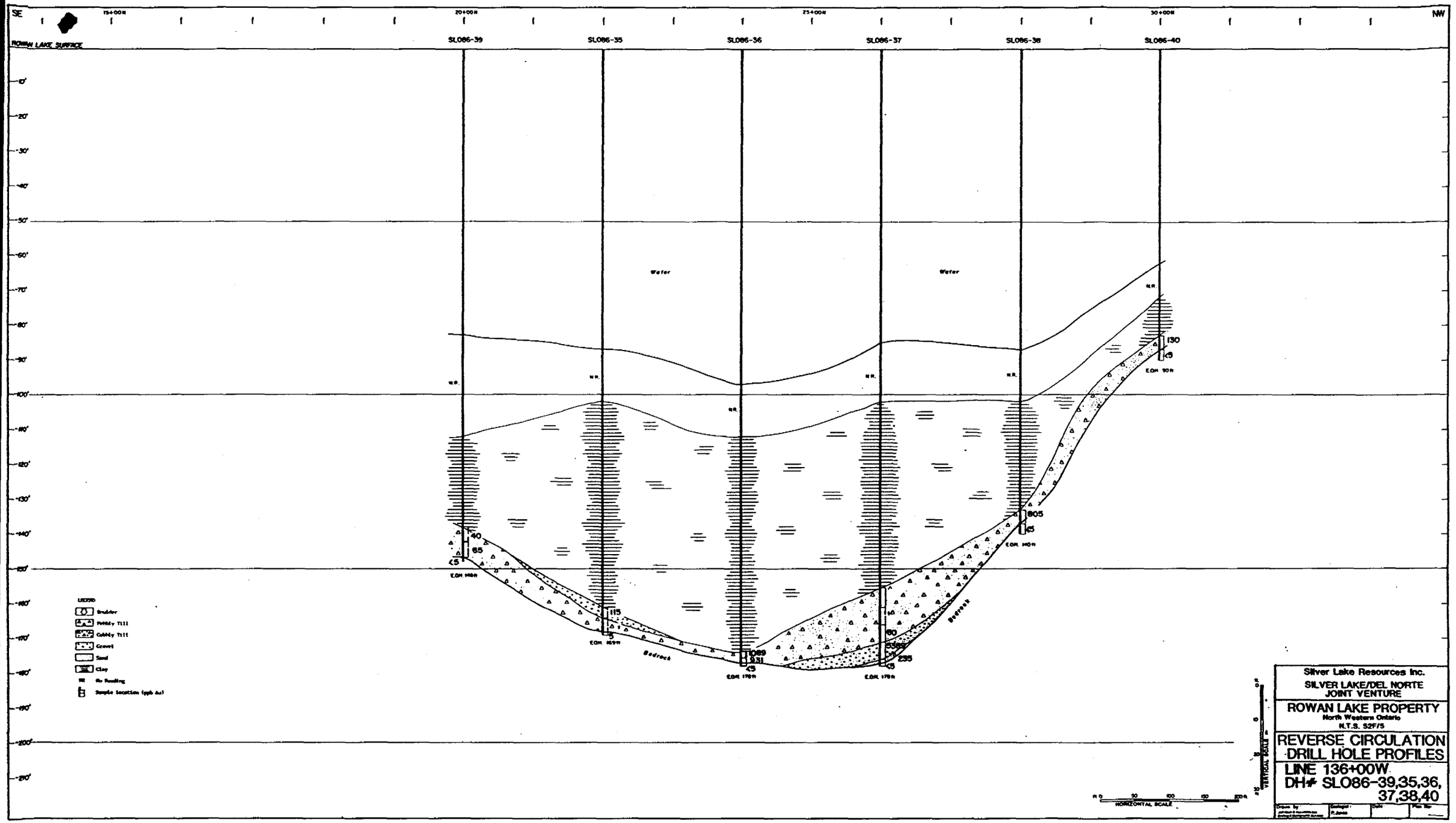
REVERSE CIRCULATION DRILL HOLE PROFILES

LINE 130+00W
DH# SL086-34,33,32, 31,27,29

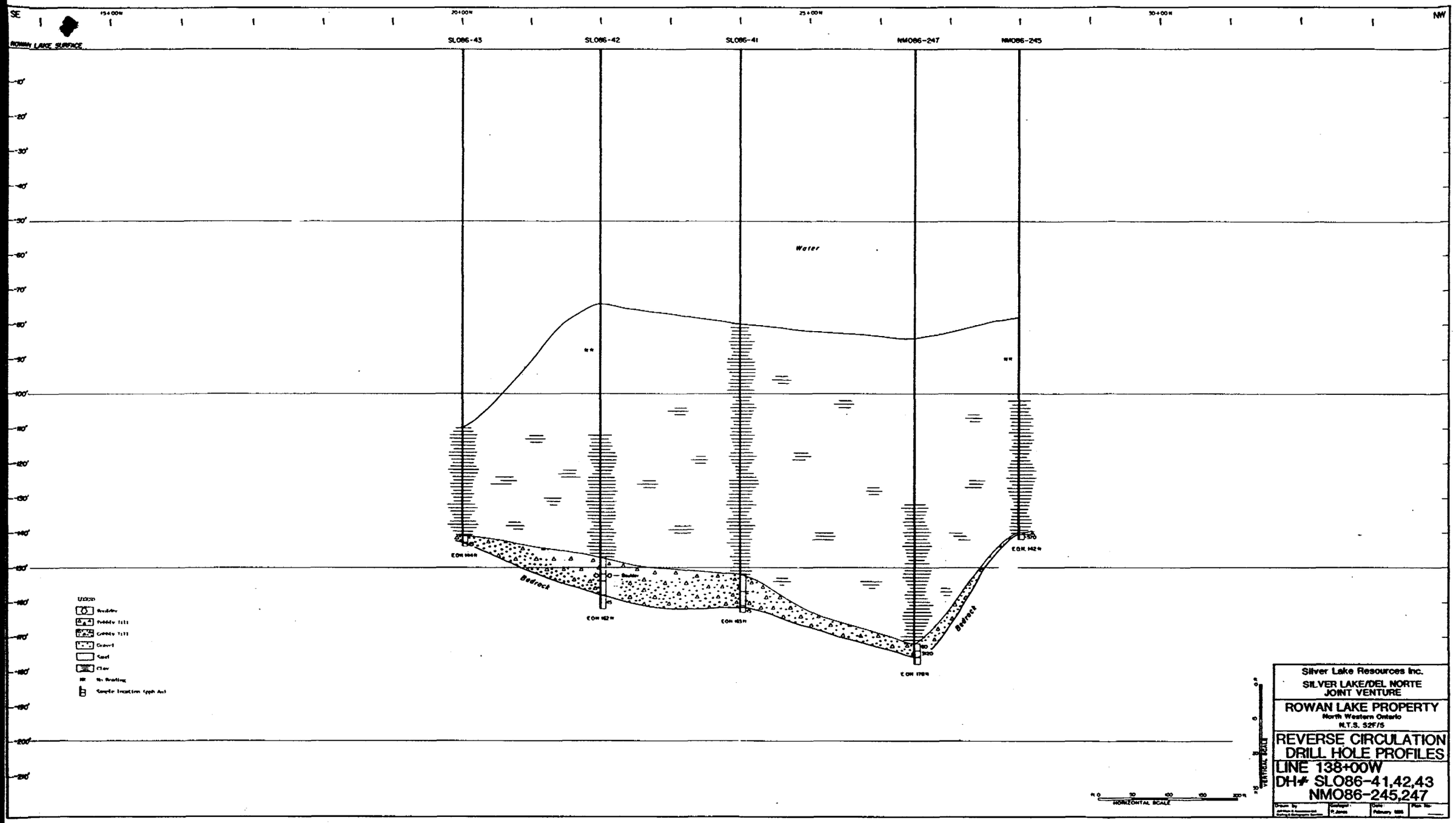
63-4787


SE
NW
15+00N
20+00N
25+00N
30+00N
ROWAN LAKE SURFACE
SL086-50
SL086-48
SL086-46
Water
B.R.
Bedrock
Bedrock
30
EOH 86h
1095
EOH M2h
105
40
130
440
EOH 86h
Boulder
Cobbly Till
Gravel
Sand
Clay
Silver Lake Resources Inc.
SILVER LAKE/DEL NORTE
JOINT VENTURE
ROWAN LAKE PROPERTY
North Western Ontario
N.T.S. 52F/5
REVERSE CIRCULATION
DRILL HOLE PROFILES
LINE 133+00W
DH# SL086-46,48,50
HORIZONTAL SCALE
VERTICAL SCALE

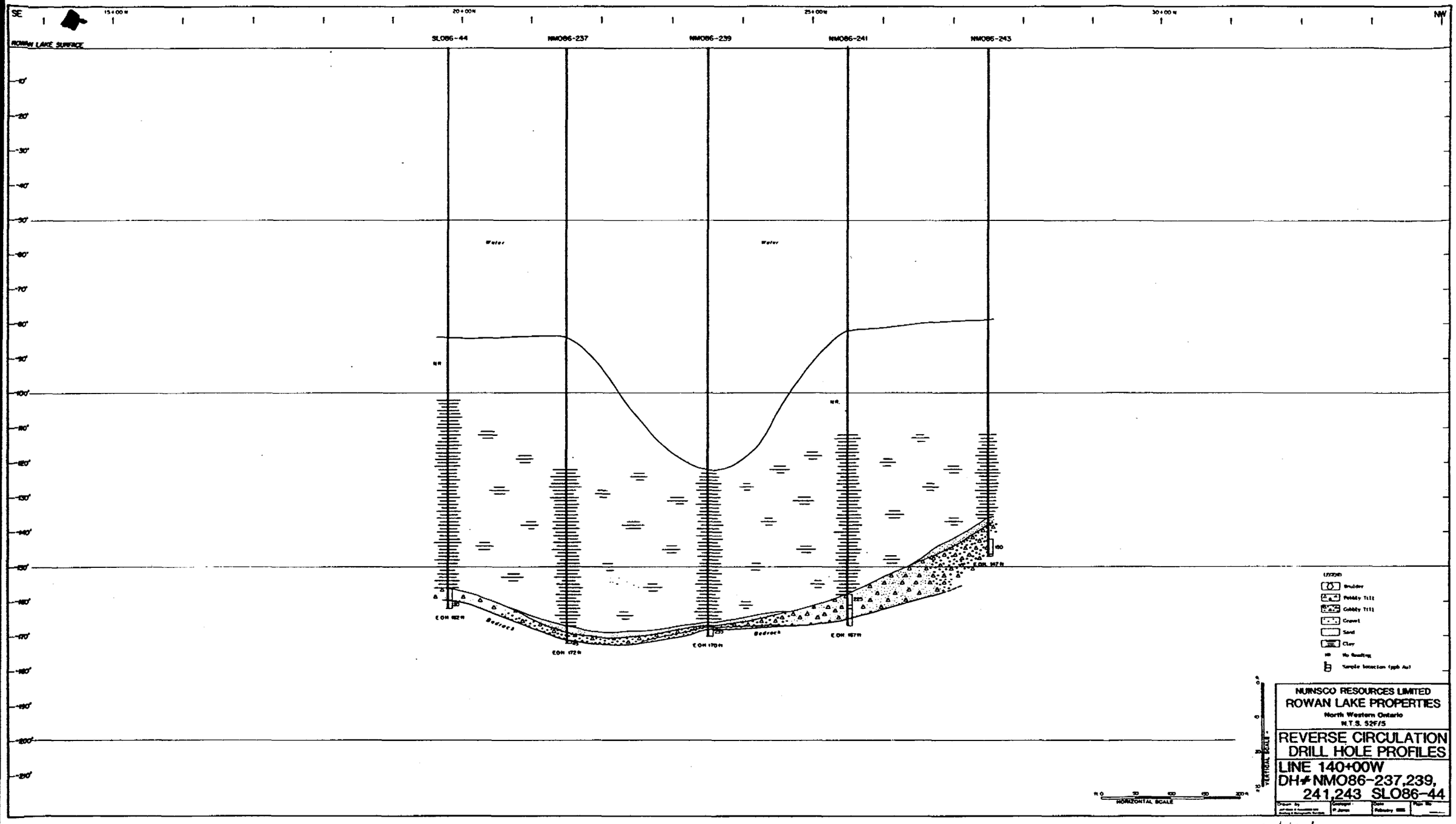
63.4787


SE
NW
ROWAN LAKE SURFACE
15+00N
20+00N
25+00N
30+00N
SL086-39
SL086-35
SL086-36
SL086-37
SL086-38
SL086-40
Water
Water
N.R.
Bedrock
Bedrock
40
65
<5
EOH 148m
115
<5
EOH 169m
1089
931
<5
EOH 178m
60
235
<5
EOH 178m
805
<5
EOH 140m
130
<5
EOH 90m
LEGEND
Boulder
Pebbly Till
Cobbly Till
Gravel
Sand
Clay
No Sampling
Sample location (ppb Au)
VERTICAL SCALE
HORIZONTAL SCALE
Silver Lake Resources Inc.
SILVER LAKE/DEL NORTE JOINT VENTURE
ROWAN LAKE PROPERTY
North Western Ontario
N.T.S. 52F/5
REVERSE CIRCULATION DRILL HOLE PROFILES
LINE 136+00W
DH# SL086-39,35,36, 37,38,40
Drawn by
Geologist
P. Jones
Date
Plan No.

63.4787

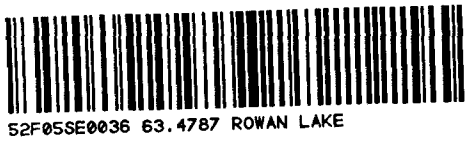

SE
NW
ROWAN LAKE SURFACE
SL086-43
SL086-42
SL086-41
NM086-247
NM086-245
Water
Bedrock
Bedrock
EOH 106ft
EOH 162ft
EOH 165ft
EOH 178ft
EOH 142ft
Silver Lake Resources Inc.
SILVER LAKE/DEL NORTE
JOINT VENTURE
ROWAN LAKE PROPERTY
North Western Ontario
N.T.S. 52F/5
REVERSE CIRCULATION
DRILL HOLE PROFILES
LINE 138+00W
DH# SL086-41,42,43
NM086-245,247
HORIZONTAL SCALE
VERTICAL SCALE

63.4787


SE
NW
15+00 N
20+00N
25+00N
30+00 N
ROWAN LAKE SURFACE
SL086-44
NM086-237
NM086-239
NM086-241
NM086-243
10'
20'
30'
40'
50'
60'
70'
80'
90'
100'
110'
120'
130'
140'
150'
160'
170'
180'
190'
200'
210'
Water
Water
NR
NR
EOH 182 ft
Bedrock
EOH 172 ft
EOH 170 ft
Bedrock
EOH 167 ft
225
Boulder
Pebbly Till
Cobbly Till
Gravel
Sand
Clay
No Sampling
Sample location (ppb Au)
VERTICAL SCALE
HORIZONTAL SCALE
NUINSCO RESOURCES LIMITED
ROWAN LAKE PROPERTIES
North Western Ontario
N.T.S. 52F/5
REVERSE CIRCULATION
DRILL HOLE PROFILES
LINE 140+00W
DH#NM086-237,239,
241,243 SL086-44

63.4787

63.4787
(1/3)



020

THE 1986 DIAMOND DRILLING PROGRAMME ON THE ROWAN LAKE PROPERTY DISTRICT OF KENORA

for

Silver Lake Resources Inc.
Suite 2550, P.O. Box 77, TD Bank Tower
Toronto Dominion Centre
Toronto, Ontario
M5K 1E7

April, 1986

OM 86-3-P-038

Rowan Lake Area
District of Kenora
NTS: 52F/5
LORNE BURDEN

SUMMARY

The 25 claim Rowan Lake property in which Silver Lake Resources Inc. have earned a 50% interest from Del Norte Chrome Corporation is located on the southwestern end of Rowan Lake. The property is underlain by an Early Precambrian easterly trending sequence of metamorphosed mafic to felsic flows and pyroclastic rocks intruded by mafic to intermediate dykes and sills, and the granitic Nolan Lake stock.

The property is on strike with three significant, recently outlined gold deposits. Nuinsco Resources' Monte Cristo property, which adjoins the Rowan Lake Property on the east, is host to the recently drilled Monte Cristo and Victor Island deposits. The Nuinsco-Lockwood Petroleum Cameron Lake propery, located 5 miles to the west, is the site of the Cameron Lake deposit currently indicated to contain 2,000,000 tons of material grading in excess of 0.10 oz/ton gold. Shear zones containing the deposits have been traced onto the Rowan Lake property.

Recent work on the property includes airborne V.L.F.E.M. and magnetometer surveys, ground V.L.F.E.M., magnetometer, I.P., soil geochemical and geological surveys as well as 5 diamond drill holes totalling 3,867 feet.

During February and March of 1986, the northern land portion and sections of Sullivan Bay were subject to a 3,234 foot drill programme. Three of the six holes drilled intersected geochemically significant gold values. Two holes interesected anomalous gold values within mafic to intermediate tuffs. The best intersection being 0.021 oz Au/ton across 15 feet. These intersections suggest the possibility of stratabound gold mineralization.

A third hole intersected a 25 foot wide shear zone containing anomalous gold values. The protolithology of the shear appears to be mafic metavolcanic rock. The best intersection of this hole was 0.018 oz Au/ton across six feet.

Additional drilling is recommended on these three separate zones to further define this mineralization. A six hole, 2500 foot drill programme is proposed at a total cost of $80,000.00.

Table of Contents

List of Maps and Figures

INTRODUCTION

The Rowan Lake property is underlain by Early Precambrian metavolcanic rocks and actually straddles a major transition in the volcanic rock chemistry from tholeiitic to mixed calcalkaline and tholeiitic. This boundary between oceanic volcanics and an overlying stratovolcano is typically the locus of many Early Precambrian gold deposits.

Gold deposits recently explored on the nearby Cameron Lake and Monte Cristo properties are contained within altered shear zones which also appear to underlie the Rowan Lake property. Chances for the occurrence of similar gold mineralization on the Rowan Lake property are excellent.

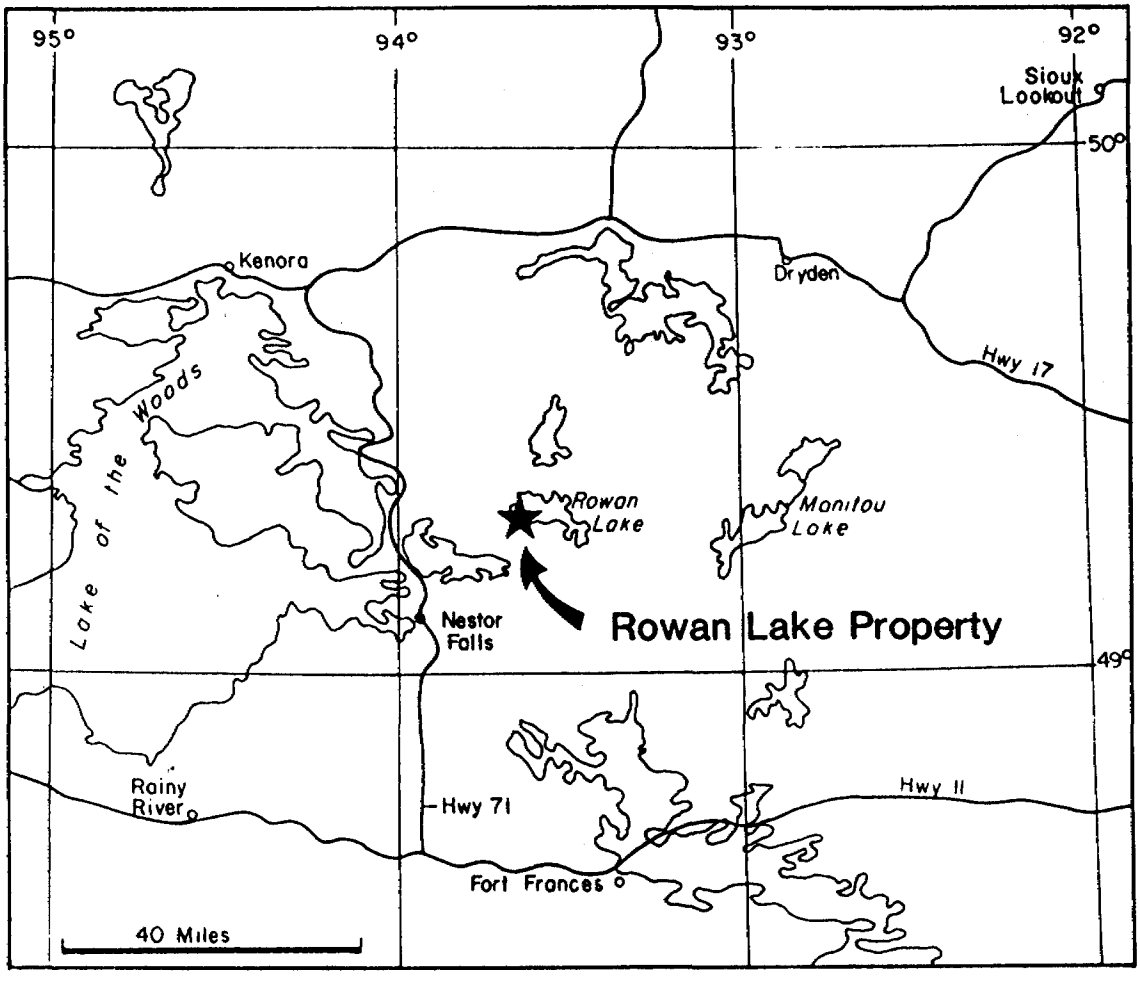
A six hole, 3,234 foot diamond drill programme was conducted from February 18 to March 19, 1985 for Silver Lake Resources Inc. This progamme was designed to evaluate geophysical anomalies, and suspected mineralized shear zones which had been outlined on the property by previous work. The results of this work are presented in this report.

Location and Access

The property is located approximately 20 miles northeast of the town of Nestor Falls on Highway 71, and approximately 55 miles southeast of Kenora, Ontario (Figure 1). The property straddles Sullivan Bay on Rowan Lake and several smaller bays and scattered islands (Figure 2).

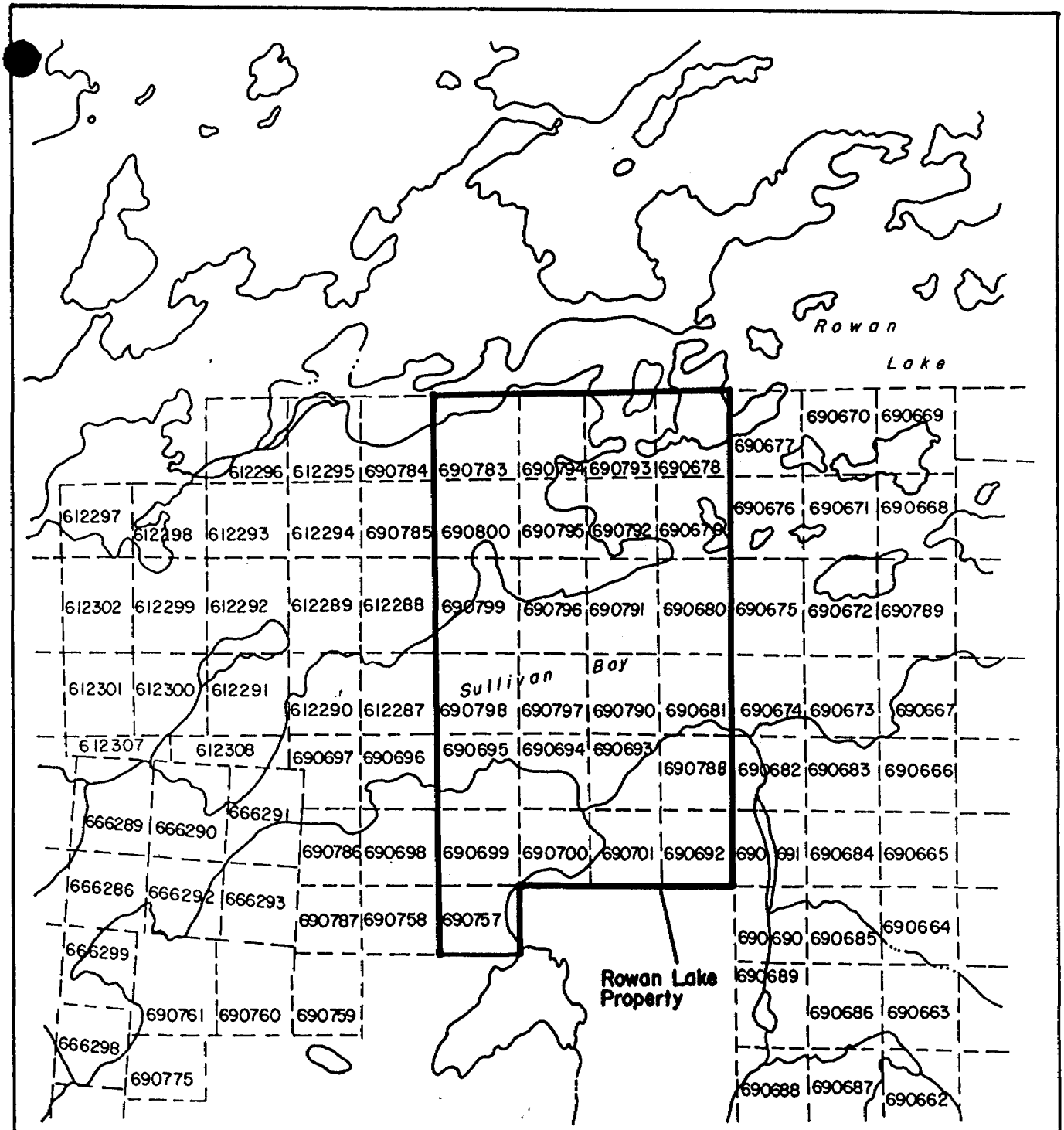
Access is provided by float equipped fixed wing aircraft available in Nestor Falls. A winter ice road is maintained to Nuinsco's Cameron Lake and Monte Cristo camps as well as the tourist camps situated on Rowan Lake. Nuinsco Resources has completed construct on a private all-weather road to the Cameron Lake camp.

Rowan Lake Lodge, located approximatey 1 1/4 miles north of the property, is equipped with a radio telephone.



LOCATION MAP

FIG. 1



M2580 "Rowan Lake"

From O.M.N.R. Map ~~M2505 "Deggow Lake"~~

SILVER LAKE – DEL NORTE JOINT VENTURE

ROWAN LAKE PROPERTY

District of Kenora, Ontario N.T.S. 52F/5

CLAIM INDEX

0 1/2 1 miles

Figure 2

Property

The Rowan Lake property was staked by a prospecting syndicate which recorded the claims on January 6, 1983. Subsequently, Del Norte Chrome Corporation purchased the property for 200,000 common shares of Del Norte and a 3% net smelter royalty.

In early 1984, Silver Lake Resources Inc. acquired an option to earn a 50% interest in the property by expending $250,000 on exploration by April 1, 1985. The group comprises twenty-five contiguous unpatented mining claims:

K 690678 - K 690681 inclusive,
K 690692 - K 690695 inclusive,
K 690699 - K 690701 inclusive,
K 690790 - K 690800 inclusive,
K 690757, K 690783 and K 690788.

Over 200 days assessment has been applied to each claim prior to the present study to keep the claims in good standing until January 6, 1989.

Topography and Vegetation

Approximately half of the property is covered by portions of Rowan Lake. The half mile wide, east-west trending Sullivan Bay portion, is up to 100 feet deep with 20 to 40 feet of clay and silt deposits. The land portions of the property are approximately bisected by Sullivan Bay. Outcrop is most abundant on the northern peninsula where a series of northeasterly trending ridges of outcrop are separate by low cedar swamps with a local relief of approximatley 60 feet. Ridge tops tend to be pine covered with spruce covering the hillsides. Shoreline outcrop is well exposed on the northern peninsula.

The southern half of the property has a local relief of 100 feet. The surface rises gently from an alder and manitoba maple vegetated low on Sullivan Bay to a high spruce and pine covered ridge on the south boundary of the property. Several low outcrops are scattered throughout this area. Rock exposure is poor along the south shoreline of Sullivan Bay.

HISTORY AND PREVIOUS WORK

The Rowan Lake area was originally mapped by Burwash (1933) and Thompson (1935, 1938) at a scale of 1 inch to 1 mile. Mapping by Johnson (1960) at 1 inch to 1/2 mile, and Davies (1967), 1 inch to 1/2 mile includes part of the Rowan Lake area. Most recently, Kaye (1973), mapped the area at a scale of 1 inch to 1/2 mile.

Gold exploration has been carried out sporadically in the Kenora-Rowan Lake areas since the turn of the century, and for base metals since the 1950's. A number of small gold mines were opened up in the early 1900's, but no major deposits were outlined. In 1960, two prospectors working for Noranda Mines discovered gold near Cameron lake. Noranda drilled the property in 1960-61 and again with a second drill programme in 1974 under an option agreement with Zahavy Mines Ltd. Nuinsco Resources acquired the property in 1980 and have since that time successfully outlined reserves of 2 million tons grading better than 0.10 oz Au per ton. This deposit lies approximatley 5 miles southwest of, and along strike with the Rowan Lake property.

The Victor Island and Monte Cristo deposits occur respectively 4500 and 8400 feet east of the Rowan Lake property. Gold was first reported to occur in a strong shear zone on the Monte Cristo claim in 1899. In 1931, due to lower water levels, the gold bearing shear zone was exposed over width of 20 feet and traced for over one mile. Nuinsco Resources acquired the claims surrounding the showings and have obtained encouraging results during their 1983, 1984, and 1985 drill programmes (i.e., drill hole NM 25 cut 42.6 feet of 0.27 oz per ton Au, [Northern Miner Press, April 12, 1984]).

A search of the Toronto assessment files revealed that no assessment work had been filed on the property prior to its recent acquisition. However field investigations have located several ancient trenches and claim posts.

CURRENT EXPLORATION

Aerodat airborne Magnetometer and V.L.F.E.M. surveys were conducted in late 1983 on behalf of Del Norte Chrome Corp. Upon acquisition of its option in 1984, Silver Lake Resources Inc., commissioned ground V.L.F.E.M., Magnetometer, and Induced Polarization surveys. In April 1984, Silver Lake Resources Inc. and Nuinsco Resources drilled a joint venture hole on their common boundary in Sullivan Bay in an effort to extend the known length of the Monte Cristo and Victor Island shear zones. Anomalous gold mineralization coincident with shearing was located in a similar stratigraphic setting. The above mentioned work was previously summarized in a report by Goodwin (1984). Geological mapping and soil sampling were conducted over an eleven day period in June 1984 by Silver Lake Resources Inc., this work has been summarized in a report by Burden (1985a). In early 1985, a four hole 3,080 foot drill programme was conducted across Sullivan Bay to test the extention of the Monte Cristo shear zone (Burden, 1985b). A programme of detailed soil sampling, rock sampling and mapping was carried out during September and October 1985 (Burden, 1985c).

GEOLOGY

Regional Geology

Rowan Lake is near the western extremity of the Early Precambrian, Savant Lake-Crow Lake belt of metamorphosed volcanic and sedimentary rocks (Figure 3). This wide belt of metamorphosed mafic to felsic flows and associated pyroclastic rocks is intruded by near-comformable dykes and sills of gabbro and quartz-feldspar porphyry. The Nolan Lake Stock, dominantly composed of quartz monzonite, intrudes the volcanic sequence south of Rowan Lake. Metamorphism is dominantly lower to upper greenschist facies. An aureole of amphibolite grade metamorphism, encircles the granitic intrusion.

DIAMOND DRILLING

The 1986 drilling programme on the Rowan Lake property was designed to test geological, geochemical, magnetic and induced polarization anomalies at various locations across the property. Drill logs, gold assays, a location map, and geological sections are appended to this report.

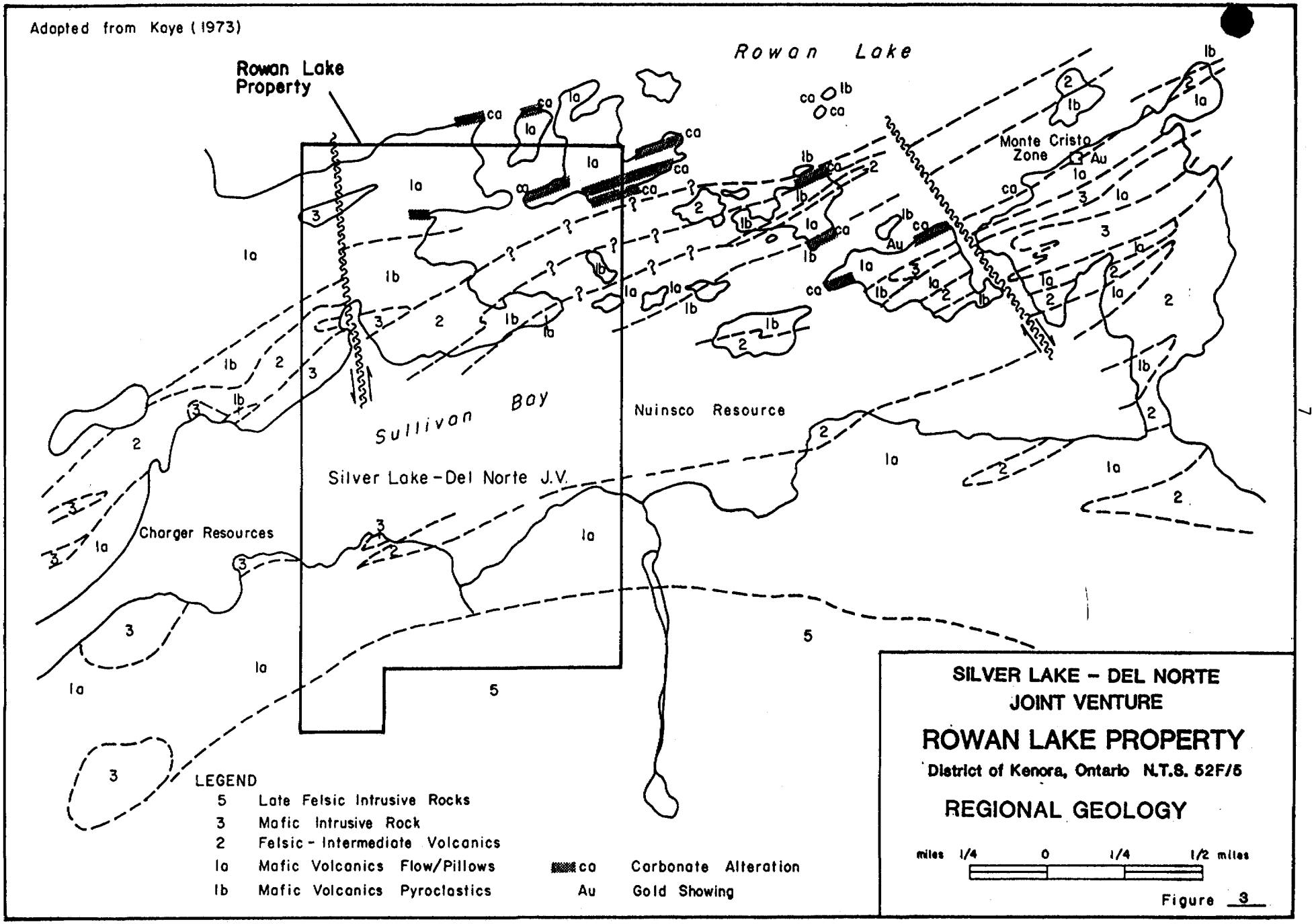

Adapted from Kaye (1973)
Rowan Lake Property
Rowan Lake
Monte Cristo Zone
Au
Sullivon Bay
Nuinsco Resource
Silver Lake-Del Norte J.V.
Charger Resources
LEGEND
5 Late Felsic Intrusive Rocks
3 Mafic Intrusive Rock
2 Felsic - Intermediate Volcanics
1a Mafic Volcanics Flow/Pillows
1b Mafic Volcanics Pyroclastics
ca Carbonate Alteration
Au Gold Showing
SILVER LAKE - DEL NORTE JOINT VENTURE
ROWAN LAKE PROPERTY
District of Kenora, Ontario N.T.S. 52F/5
REGIONAL GEOLOGY
miles 1/4 0 1/4 1/2 miles

Figure 3

Hole RL 86 01 located at 36+50N 6+00W, was drilled grid south beneath a soil geochemical anomaly and was to intersect an I.P. anomaly before terminating in a gabbro. The source of the geochemical anomaly was not intersected however, the I.P. anomaly was intersected between 477.0 and 496.8 feet.

The intersected I.P. anomaly contains between eight to ten percent disseminated euhedral pyrite hosted by a silicified gabbro. Locally within the unit a apple green micaceous mineral, possibly fuchite, occurs. The unit contains geochemically anomalous gold values, the best intersection being 150 ppb across 4.0 feet.

Hole RL 86 02 located at 30+50N 8+00E, was drilled grid south beneath a zone containing an I.P. anomaly, geochemically anomalous rocks and soils, and was to terminate in a magnetic high. The hole failed to intersect any material that could produce an I.P. anomaly and it is assumed that the I.P. response present in the area is the result of poor electrode contacts within a cedar swamp.

A sheared mafic metavolcanic rock intruded by a quartz feldspar porphyry was intersected between 323.3 to 357.2 feet. Geochemically anomalous rock was encountered at several locations throughout this zone, the best intersection being 600 ppb (0.018 oz Au/ton) across six feet. This zone immediately underlies the area of geochemically anomalous rocks and soils observed on surface.

Before the hole terminated in a weakly magnetic gabbro, it intersected two felsite dykes at 389.8 to 411.8 and 473.4 to 496.2. Both dykes contain geochemically anomalous material with the best intersection being 185 ppb across 2.4 feet.

Hole RL 86 03, located at 24+50N 32+00E was drilled grid south beneath a zone of geochemically anomalous rock. The hole collared in a strongly foliated and altered gabbro rich in an apple green micaceous mineral possibly fuchite, however this zone contained only weakly anomalous material. Further down the hole several intersections strongly anomalous in gold and hosted by silicified mafic to intermediate tuff containing between five to ten percent disseminated pyrite occur. The best intersection returned 0.022 oz Au/ton across 15 feet.

Drill hole RL 86 04, located at 8+00N 11+00E bearing S25°E was drilled in an attempt to locate the eastward extention of a zone of gold mineralization discovered in the fall of 1985. The hole failed to intersect any altered or intensively mineralized rock as observed in the gold occurance located at 14+00W 6+50N. However, one three foot intersection did return a significant value of 1703 ppb (0.049 oz Au/ton). This value was obtained from a zone of unaltered intercalated intermediate tuffs and cherts.

Drill holes RL 86 05 and 06, located on line 12+00W at 5+00N and 2+00N respectively were drilled S25°E. These holes were drilled in an attempt to get a better understanding of the geology located beneath Sullivan Bay. Samples from these holes failed to return any significant results.

CONCLUSIONS AND RECOMMENDATIONS

A total of 3,234 feet of diamond drilling completed during the early part of 1986 has confirmed that mineralized zones do occur at several locations across the Rowan Lake property. Three of the six holes drilled encountered geochemically significantly gold mineralization.

Two of the holes, RL 86 03 and RL 86 04 encountered stratabound gold mineralization associated with pyrite. A third hole, RL 86 02 encountered a mafic metavolcanic shear zone which returned geochemically significant gold values.

Additional drilling is recommended to further test these three mineralized zones. A summer drilling programme is proposed comprising six holes for a total footage 2500 feet at a total cost of $80,000.00.

ESTIMATE OF COSTS

Summer Programme

1.	Diamond Drilling	2500 ft. @ $32/ft. all inclusive	$ 80,000
	Total Estimate of expenditures		$ 80,000

REFERENCES

Burden, L.D. (1985a) — GEOLOGY AND SOIL GEOCHEMISTRY OF THE ROWAN LAKE PROPERTY, DISTRICT OF KENORA, 1984; unpublished report for Silver Lake Resources Inc.

Burden, L.D. (1985b) — THE 1985 DIAMOND DRILLING PROGRAMME ON THE ROWAN LAKE PROPERTY, DISTRICT OF KENORA; unpublished report for Silver Lake Resources Inc.

Burden, L.D. (1985c) — GEOLOGY AND SOIL GEOCHEMISTRY SURVEYS OF THE ROWAN LAKE PROPERTY, DISTRICT OF KENORA, 1985; unpublished report for Silver Lake Resources Inc.

Burwash, E.M. (1933) — GEOLOGY OF THE KAKAGI LAKE AREA; O.D.M., Vol. 42, pt. 4, p.41-92 (published 1934). Accompanied by Map 425, 1 inch to 1 mile.

Davies, J.C. (1967) — ATIKWA LAKE AREA (east half) DISTRICT OF KENORA; O.D.M., Prelim. Map P388, Geol. Ser., 1 inch to 1/4 miles.

Goodwin, J.R. (1984) — GEOPHYSICAL REPORT ON THE ROWAN LAKE PROPERTY FOR SILVER LAKE RESOURCES INC.; unpublished report for Silver Lake Resources Inc.

Johnston, W.G.Q. (1960) — ATIKWA-CAVIAR LAKES AREA, DISTRICT OF KENORA; O.D.M., Prelim. Map P84 Geol. Ser., 1 inch to 1/2 mile.

Kaye, L. (1973) — ROWAN LAKE AREA, DISTRICT OF KENORA; O.D.M., Prelim Map P832, Geol., Ser. 1 inch to 1/4 mile.

Thomson, Jas. E. (1935) — GEOLOGY OF THE ROWAN-STRAW LAKES AREA; O.D.M., Vol. 44, pt. 4, p.1-28 (published 1946). Accomapnied by Map 44e, 1 inch to 1 mile.

PERSONAL DECLARATION

I, LORNE D. BURDEN, of 27 Hollingworth Drive, Scarborough, Ontario,

DO HEREBY CERTIFY THAT:

1. I am a consulting geologist.

2. I have worked in mineral exploration since 1979.

3. I am a graduate of the University of Toronto where I obtained a B.Sc. degree specializing in geological sciences in 1981.

4. I am a member of the Prospectors & Developers Association.

5. This report is based on personal examination of the claim group in conjunction with a review of all available reports, maps and sections concerning the area.

DATED THIS 10th day of April, 1986.

LORNE D. BURDEN, B.Sc.

APPENDIX

SWASTIKA LABORATORIES LIMITED

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

Certificate of Analysis

Certificate No. 62764 Date: April 7 1986

Received Mar.24/86 30 Samples of D.D. Sludge

Submitted by Silver Lake Res. Inc., Toronto, Ontario Att'n: Mr. J. Trusler

Rowan Lake Project

SAMPLE NO.	GOLD PPB	SAMPLE NO.	GOLD PPB
86-01			
10-17	Nil	157-167	20
17-27	Nil	167-177	40
27-37	Nil	187-197	10
37-47	30	197-207	40
	20	207-217	30
47-57	Nil	217-227	20
57-67	20	227-237	20
67-76	Nil	237-247	20
76-86	Nil	247-257	Nil
87-97	Nil	257-267	Nil
97-107	20	267-277	Nil
107-117	20	277-285	Nil
117-127	10	285-295	Nil
127-137	10	295-305	20
137-147	10		Nil
147-157	40	305-316	NIl

Per G. Lebel
G. Lebel -- Manager

Member Canadian Testing Association

ESTABLISHED 1928

SWASTIKA LABORATORIES LIMITED

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

Certificate of Analysis

Certificate No. 62779 Date: April 11, 1986

Received Mar.24, 1986 58 Samples of D.D. Sludge

Submitted by Silver Lake Resources Ltd., Toronto, Ontario

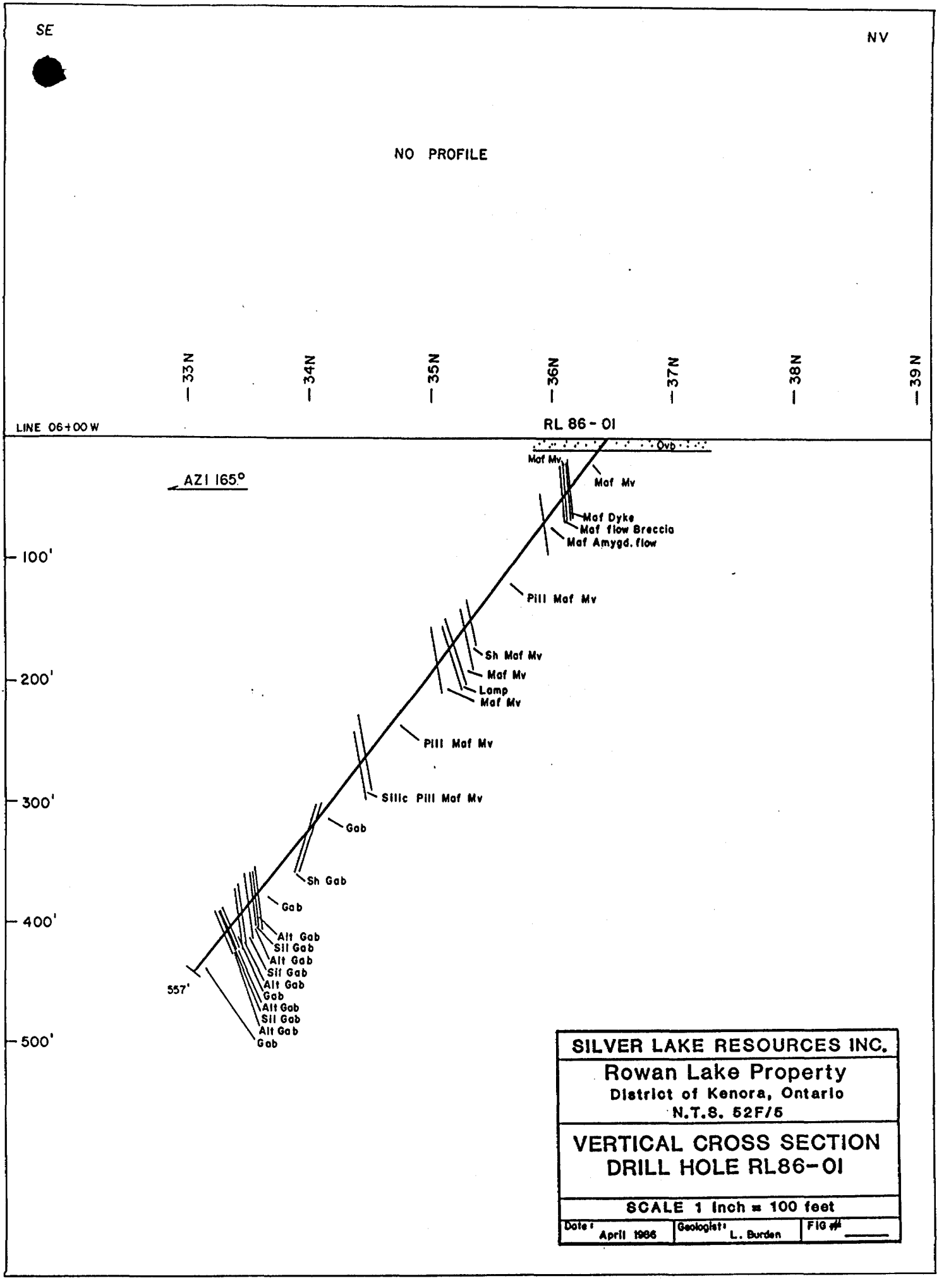
"ROWAN LAKE PROJECT"

SAMPLE NO.	GOLD PPB
RL86-02	
66-76	Nil
86-96	Nil
96-107	20
	20
117-127	Nil
127-137	20
137-147	30
147-157	Nil
157-167	20
RL86-03	
77-87	780
	1230
97-107	710
RL86-04	
17-27	10
27-37	Nil
47-57	10
57-67	Nil
67-77	20
87-97	Nil
97-107	Nil
107-117	Nil
127-137	Nil
147-157	Nil
157-168	Nil
168-177	Nil
RL-86-05	
52-67	20
65-73	290 } RL-86-37?
	270 }
67-77	Nil
87-97	40
97-107	20
107-117	30
117-127	30
127-137	20
157-165	100
183-187	30
187-197	90
197-207	120
	130
207-217	100
217-225	70
227-237	50
237-247	40
247-257	60
257-267	30
267-277	30
277-287	150
337-347	50
367-377	50
377-387	170
397-407	270
407-417	50
417-427	60
	60
427-437	30
447-457	50
457-467	30
465-475	60
492-502	100
502-512	60
RL80-4	Nil
RL80-5	60
RL86-4	30
RL86-5	60
	60

Per G. Lebel
G. Lebel, Manager

Member Canadian Testing Association

ESTABLISHED 1928



SILVER LAKE RESOURCES INC.		
Rowan Lake Property District of Kenora, Ontario N.T.S. 52F/5		
VERTICAL CROSS SECTION DRILL HOLE RL86-01		
SCALE 1 inch = 100 feet		
Date: April 1986	Geologist: L. Burden	FIG # ____

Ministry of Natural Resources
Ontario

Diamond Drilling Log

Fill in on every page → Hole No. RL 86 01 | Page No. 1

Drilling Company: Heath and Sherwood	Collar Elevation	Bearing of hole from true North: S 25°E	Total Footage: 557	Dip of Hole at: Collar -52; 275 Ft. 52; 545 Ft. 51; Ft.; Ft.	Location of hole in relation to a fixed point on the claim: 36+50N 6+00W
Date Hole Started: Feb. 19, 1986	Date Completed: Feb. 21, 1986	Date Logged: Feb.20-24/86	Logged by: Lorne Burden		
Exploration Co., Owner or Optionee: Silver Lake Resources Inc.		Date Submitted	Submitted by (Signature)		

Map Reference No.	Claim No.
M 2580	K690783

Location (Twp., Lot, Con. or Lat. and Long.): District of Kenora

Property Name: Rowan Lake

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † ppb/Au
0.0	7.0	OBD	Boulders			3001	54.0	57.0	3.0	10
						3002	57.0	58.6	1.6	20
7.0	51.3	Mafic Metavolcanic	Grey-green, fine grained, massive, minor carbonate, no magnetic attraction, lacks foliation, 1% disseminated pyrite			3003	58.6	61.0	1.4	15
						3004	65.0	69.8	4.8	Nil
						3005	69.8	70.3	0.5	Nil
						3006	70.3	75.0	4.7	Nil
						3007	89.0	92.0	3.0	Nil
51.3	52.1	Mafic Dyke	Black, aphanitic, carbonatized, no magnetic attraction lacks foliation, no visible sulphides			3008	92.0	96.0	4.0	Nil
						3009	112.0	113.8	1.8	Nil
						3010	113.8	114.0	1.0	Nil
						3011	114.0	116.0	2.0	Nil
52.1	57.0	Mafic Metavolcanic	Same as 7.0 - 51.3			3012	134.0	136.3	2.3	Nil
						3013	136.3	136.6	0.3	Nil
						3014	136.6	140.0	3.4	Nil
57.0	58.6	Mafic Flow Breccia	Grey-green, aphanitic, banded appearance, carbonatized, banding @ 45 degrees tca, 1% finely disseminated pyrite, alternating dark and light bands light bands carbonatized, dark bands cherty			3015	144.0	146.8	2.8	5
						3016	146.8	147.2	0.4	10
						3017	147.2	149.0	1.8	10
						3018	149.0	149.4	0.4	Nil
						3019	149.4	152.0	2.6	Nil
						3020	156.0	158.8	2.8	Nil
						3021	158.8	159.2	0.4	10
58.6	92.0	Mafic Amygduloidal Flow	Grey-green, fine gained to aphanitic, carbonatized, no magnetic attraction, massive locally foliated @ 45 degrees tca, amygdules are oval and up to 3/10 inches in diameter, amygdules are carbonate and zeolite filled, 1% disseminated py 69.8 - 70.3 Qtz vein; minor carbonate, vein boundary rich in disseminated py			3022	159.2	165.0	5.8	10
						3023	183.0	186.1	3.1	Nil
						3024	186.1	186.3	0.2	Nil
						3025	186.3	191.4	5.1	Nil
						3026	191.4	193.9	2.5	Nil
						3027	193.9	194.4	0.5	Nil
						3028	194.4	197.0	2.6	Nil
						3029	197.0	200.5	3.5	15
						3030	200.5	205.0	4.5	10
						3031	215.7	219.2	3.6	20

783 (82/1)

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulati

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Diamond Drilling Log

Complete this form and related sketch in duplicate. Fill in on every page

Hole No. RL 8601 | Page No. 2

Drilling Company	Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Address/Location where core stored	Map Reference No.	Claim No.
		S 15-E		Collar	36+50N 6+00W		K690783
Date Hole Started / Date Completed	Date Logged	Logged by		Ft.		Location (Twp., Lot, Con. or Lat. and Long.)	
	Feb. 20/86	L. Burden		Ft.			
Exploration Co., Owner or Optionee	Date Submitted	Submitted by (Signature)		Ft.			
				Ft.		Property Name: Rowan Lake	

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † ppb Au	
92.0	191.4	Pillowed Mafic Metavolcanic	Green, aphanitic to fine grained, no magnetic attraction carbonatized, pillow selvages generally 1/2" in width and normally cross cut the core axis @ 45° tca, locally the outline of entire pillows can be seen in core, cleavage @ 45° tca, 1% disseminated py			3032	300.0	304.0	4.0	10	
						3033		306.0	2.0	10	
						3034		310.0	4.0	20	
						3035	315.0	320.0	5.0	Nil	
						3036		325.0	5.0	25	
			113.8 - 114.0 Qtz - carb vein, at boundary of pillow selvage			3037		330.0	5.0	Nil	
			136.3 - 136.6 Qtz - carb vein, trace py			3038		332.0	2.0	Nil	
			146.8 - 147.2 Qtz - carb vein, trace py			3039		334.0	2.0	Nil	
			149.0 - 149.4 Qtz - carb vein, trace py			3040		336.7	2.7	Nil	
			158.8 - 159.2 Qtz - carb vein, trace py			3041		341.0	4.3	10	
			186.1 - 186.3 Qtz - carb vein, trace pyrite			3042	350.2	352.4	2.2	20	
						3043	473.0	476.0	3.0	10	
191.4	200.5	Sheared Mdfic Metavolcanic	Green, aphanitic to fine grained, no magnetic attraction, carbonatized locally sericitized to a yellow green colour, shear plane at 55° tca, many qtz & qtz-carb veinlets cross cutting core axis at varying angles but primarily along shear plane, 1% disseminated euhedral py			3044		477.0	1.0	30	
						3045		478.8	1.8	40	
						3046		482.5	3.7	90	
						3047		486.5	4.0	150	
						3048		498.0	2.5	Nil	
			193.9 - 194.4 Qtz - carb vein, containing pink Feldspars, trace pyrite			3049		492.0	3.0	50	
						3050		496.8	4.8	70	
						3051		499.6	2.8	20	
200.5	215.7	Mafic Metavolcanic	Dark green, fine grained, carbonatized, no magnetic attraction, lacks foliation, massive, no visible sulphides, minor carbonate veinlets			3052		502.5	2.9	20	
						3053	511.0	513.7	2.7	20	
						3054		514.7	1.0	30	
						3055		517.0	2.3	10	
215.7	219.2	Lamprophyre	Dark green, fine grained, rich in chlroite and biotite, very soft, carbonatized, no magnetic attraction, lacks foliation, no visible sulphides.								

783 (85/12)

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulation

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Ontario

Diamond Drilling Log

Complete this form and related sketch in duplicate. Fill in on every page

Hole No. RL 8601 | Page No. 3

Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Address/Location where core stored	Map Reference No.	Claim No.
			S15°E		Collar			K690783
Date Hole Started	Date Completed	Date Logged	Logged by		Ft. °		Location (Twp., Lot, Con. or Lat. and Long.)	
		Feb.20-24/86	L. Burden		Ft. °			
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		Ft. °			
					Ft. °		Property Name Rowan Lake	

Footage From	Footage To	Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays †		
219.2	236.2	Mafic Metavolcanic	Same as 200.5 - 215.7; 228.6 - 228.9 fault gouge									
236.2	332.0	Pillowed Mafic Metavolcanic	Green, aphanitic to fine grained, no magnetic attraction, carbonatized, pillow selvages generally 1/2" in width and normally cross cut core axis @ 45° tca, towards 333.0 selvages become mineralized with py and lesser amounts of po, total sulphides 1-2% 304.0 - 306.0 Zone of Qtz - carb veinining with minor sericitization 2-3% diss py									
332.0	336.7	Silicified Pillowed Mafic Metavolcanic	Buff Brown, aphanitic, silicified, minor sericite, no carbonate, mineralized pillow selvages, faint magnetic attraction, 2-3% desseminated pyrite with minor amounts of pyrrhotite, faintly foliated @ 45° tca.									
336.7	403.8	Gabbro	Dark green, fine grained, no carbonate, lacks foliation, no magnetic attraction, trace disseminated pyrite 350.2 - 352.4 Qtz - Carb vein, @ 45° tca, trace pyrite, minor tourmaline									
403.8	407.0	Sheared Gabbro	Dark green, fine grained, rich in chlorite, rich in carbonate veinlets, shearing 20° tca, no magnetic attraction, 1% disseminated euhedral pyrite.									

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† Additional credit available. See Assessment Work Regulation

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Ontario

Diamond Drilling Log

Fill in on every page → Hole No. RL 8601 | Page No. 4

Drilling Company	Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
		S 15°E	557	Collar	36+50N 6+00W		K 690783

Date Hole Started	Date Completed	Date Logged	Logged by	Location (Twp., Lot, Con. or Lat. and Long.)
		Feb.20-24/86	L. Burden	

Exploration Co., Owner or Optionee	Date Submitted	Submitted by (Signature)	Property Name
			Rowan Lake

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays †
407.0	476.0	Gabbro	Similar to 336.7 - 403.8, locally foliated @ 45° tca							
476.0	477.0	Altered Gabbro	Green, fine grained, carbonatized, strongly foliated at 45° tca, no magnetic attraction 2-3% disseminated euhedral pyrite 1/20 inches in diameter.							
477.0	478.8	Silicified Gabbro	Grey-green, fine grained, qtz veining, & qtz flooding, contains a green mica "fuchite?", contains buff coloured carbonate, 5 - 8% disseminated euhedral pyrite, no magnetic attraction, veining at various angles tca.							
478.8	486.5	Altered Gabbro	Similar to 476.0 - 477.0, not as strongly foliated.							
486.5	496.8	Silicified Gabbro	Similar to 477.0 - 478.8, more intensely silicified, 8 - 12% disseminated euhedral py ≤1/20" in diameter, trace cpy 489.0 - 492.0 - most intense silicification, 2 - 3% green mica 496.0 - 496.6 - annealed fault breccia, shearing @ 60° tca.							
496.8	499.6	Altered Gabbro	Dark green, silicified, no magnetic attraction fine grained, very hard, many qtz veinlets crosscutting core axis at varying angles, no mag attrn., no carbonate, 2 - 3% disseminated euhedral pyrite.							

783 (82/1)

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available See Assessment Work Regulatio

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Diamond Drilling Log

Fill in on every page → Hole No. RL8601 | Page 5

Drilling Company	Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
		S15°E	557	Collar ft ft ft	36+50N 6+00W		K690783

Date Hole Started	Date Completed	Date Logged	Logged by	Location (Twp., Lot, Con. or Lat. and Long.)
		Feb.20-24/86	L. Burden	

Exploration Co. (Owner or Optionee) — Date Submitted — Submitted by (Signature)

Property Name: Rowan Lake

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc)	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays †
499.6	511.0	Gabbro	Dark green, fine grained, no magnetic attraction carbonatized, trace pyrite, locally exhibits faint foliation @ 60° tca.							
511.0	513.7	Altered Gabbro	Sames as 476.0 - 477.0							
513.7	514.7	Silicified Gabbro	Same as 477.0 - 478.8							
514.7	517.0	Altered Gabbro	Same as 511.0 - 513.7							
517.0	557.0	Gabbro	Similar to 499.6 - 511.0, foliations vary between 45 - 60° tca.							
	577.0	EOH								
			5' casing left in hole, shoe removed.							

783 (82/11)

* For features such as foliation, bedding, schistosity, measured from the long axis of the core

† Additional credit available See Assessment Work Regulatio

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Diamond Drilling Log

Fill in on every page → Hole No. RL 86 02 | Page No. 1

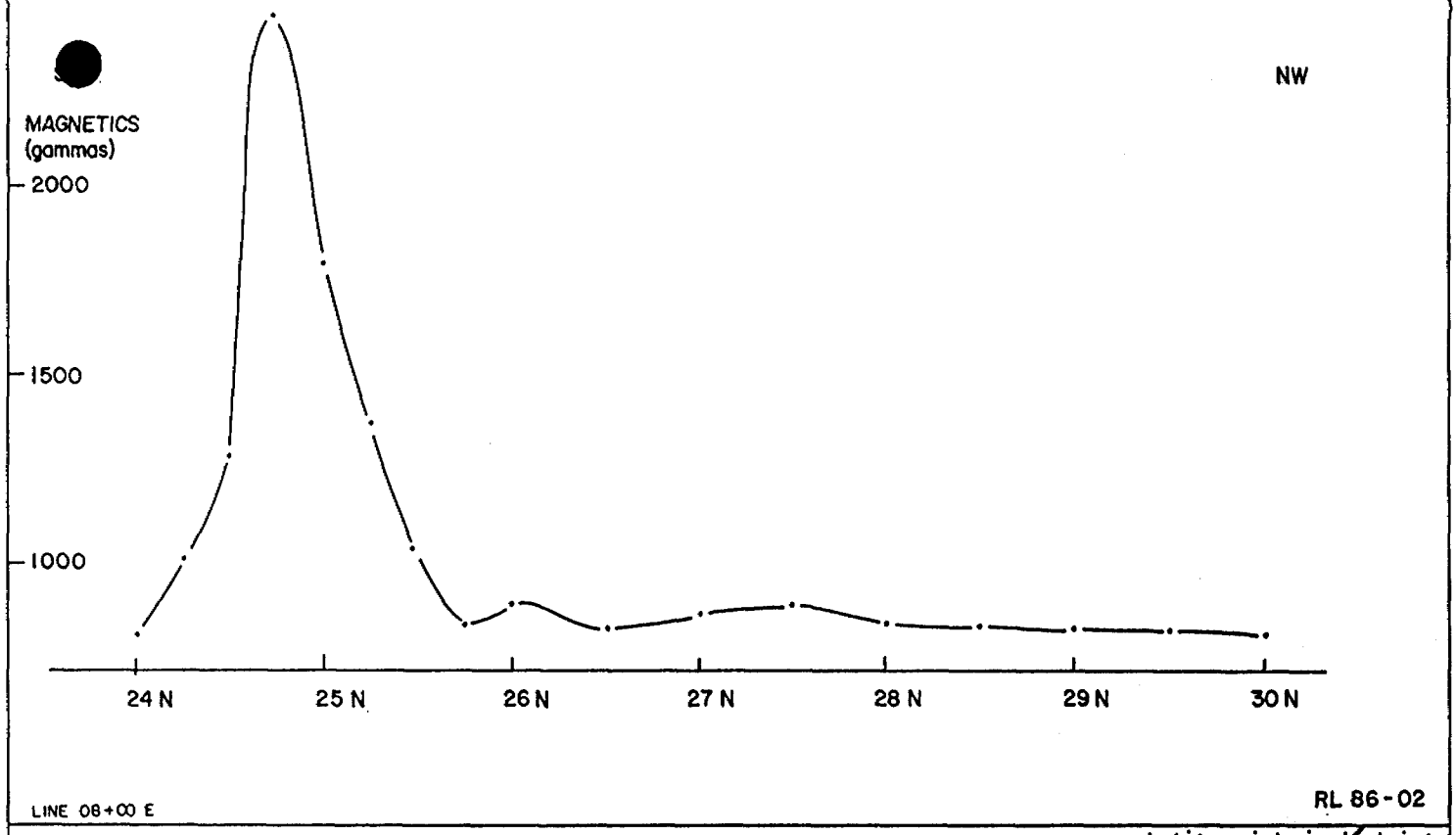
Drilling Company: Heath and Sherwood	Collar Elevation	Bearing of hole from true North: S15° E	Total Footage: 637	Dip of Hole at: Collar -47°	Location of hole in relation to a fixed point on the claim: 30+50N 8+00E
Date Hole Started: Feb. 24, 1986	Date Completed: Feb. 27, 1986	Date Logged: Feb 25-27/86	Logged by: L. Burden	300 Ft. -45°	Map Reference No.: M2580
Exploration Co., Owner or Optionee: Silver Lake Resources Inc.		Date Submitted	Submitted by (Signature)	637 Ft. -34°	Claim No.: K 690794
				Ft.	Location (Twp., Lot, Con. or Lat. and Long.): District of Kenora
				Ft.	Property Name: Rowan Lake

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † ppb/Au
0.0	27.0	Overburden	Cedar swamp			3057	43.8	44.7	0.9	Nil
						3058	49.8	50.3	0.5	Nil
27.0	115.2	Mafic Metavolcanic	Gray-green, fine to aphanitic, massive to pillowed, carbonatized no magnetic attraction, faintly foliated @ 40-45 degrees tca, trace disseminated pyrite			3059	63.9	64.7	0.8	10
						3060	73.0	73.8	0.8	10
						3061	147.0	150.0	3.0	20
			43.8 - 44.4 Qtz-carb vein, trace pyrite			3062	167.0	170.0	3.0	Nil
			49.8 - 50.3 Qtz-carb vein, trace py			3063	177.0	180.0	3.0	Nil
			63.9 - 64.7 Qtz-carb vein, trace py			3064	203.0	207.2	4.2	20
			73.0 - 73.8 Qtz-carb vein, trace py			3065	207.2	212.0	4.8	20
						3066	212.0	217.4	5.4	35
						3067	217.4	218.6	1.2	Nil
						3068	218.6	223.0	4.4	40
115.2	162.1	Gabbro	Green fine grained, carbonatized, no magnetic attraction, lacks foliation, contains rare phenocrysts of white anhedral feldspar partially chloritized 2/10 inches in diameter, trace pyrite			3069	223.0	228.4	5.4	30
						3070	228.4	231.0	2.6	Nil
						3071	237.0	240.0	3.0	Nil
						3072	246.1	247.1	1.0	100
						3073	320.0	323.3	3.3	10
						3074		329.3	6.0	600
162.1	207.2	Carbonatized Gabbro	Grey-green, aphanitic, contact with gabbro gradational, strongly carbonatized, contains many carbonate veinlets at 75 - 90 degrees tca, veinlets 2/10 inches wide <1% disseminated anhedral pyrite - these two units 115.2 - 162.1 and 162.1 - 207.2 may represent a mafic flow since bounding contacts do not appear intrusive			3075		334.0	4.7	20
						3076		337.8	3.8	Nil
						3077	337.8	341.5	3.7	60
						3078	345.0	348.0	3.0	30
						3079		350.7	2.7	290
						3080		354.0	3.3	40
						3081		357.2	3.2	310
						3082	357.2	360.0	2.8	Nil
						3083	341.5	345.0	3.5	Nil
						3084	387.0	389.8	2.8	Nil
						3085	389.8	395.0	5.2	20

783 (82/1)

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulatio



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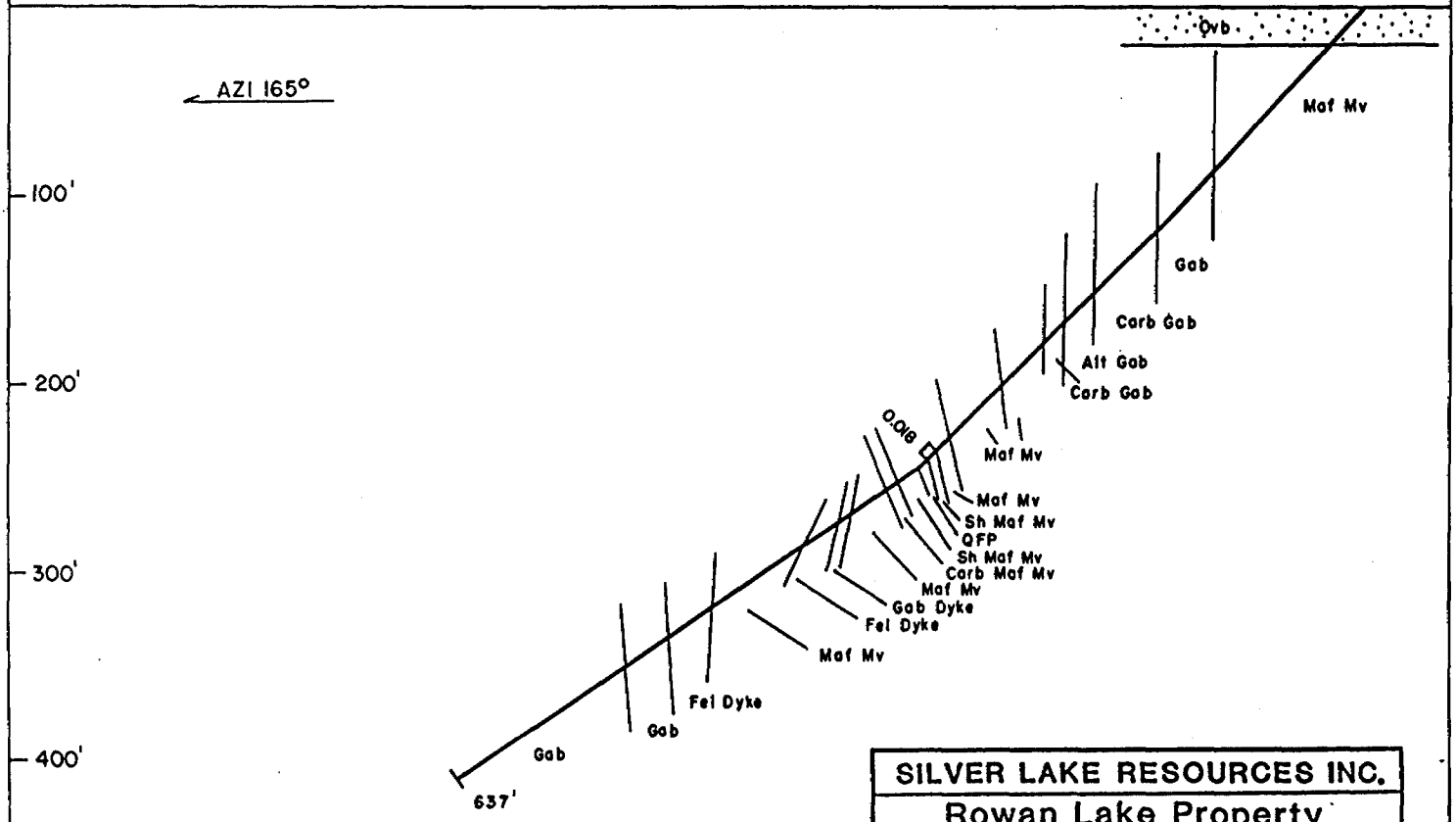
RL 86-02



* ASSAYS IN OZ AU/TON

SILVER LAKE RESOURCES INC.		
Rowan Lake Property District of Kenora, Ontario N.T.S. 52F/5		
VERTICAL CROSS SECTION DRILL HOLE RL86-02		
SCALE 1 inch = 100 feet		
Date: April 1986	Geologist: L. Burden	Fig #____

Ministry of Natural Resources
Ontario

Diamond Drilling Log

Fill in on every page → Hole No. HL 86 02 | Page No. 2

Drilling Company	Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at		Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
Heath & Sherwood		S15 E	637	Collar	-47	30+50N 8+00E		
Date Hole Started: Feb. 24, 1986	Date Completed: Feb. 27, 1986	Date Logged: Feb 25-27/86	Logged by: L. Burden	300 Ft.	-45		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee: Silver Lake Resources Inc.		Date Submitted	Submitted by (Signature)	637 Ft.	-34		Property Name: Rowan Lake	

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † ppb/Au
207.2	228.4	Altered Gabbro	Similar to 162.1 - 207.2, very light green, bleached, aphanitic to fine grained, no magnetic attraction, intense carbonatization with silicification, 3 - 5% disseminated euhedral pyrite locally 8 - 10%, several qtz veins and veinlets cross cut core axis at varying angles, lacks foliation			3086	395.0	399.2	4.2	100
						3087		400.4	1.2	60
						3086		402.6	2.2	30
						3089		404.6	2.0	110
						3090		407.0	2.4	185
						3091	407.0	411.8	4.8	30
						3092	471.2	473.4	3.2	20
			217.4 - 218.6 qtz veining contains green mica "fuchite" with 1% disseminated pyrite			3093		477.0	3.6	10
						3094		482.0	5.0	50
						3095		487.0	5.0	50
						3096		492.0	5.0	70
228.4	240.0	Carbonatized Gabbro	Same as 162.1 - 207.2, at 240.0 contact is brecciated - flow breccia, lower unit complete gabbro, brecciated with carbonate cement holding fragments, contact at 45 degrees tca			3097		496.2	4.2	80
						3098	496.2	500.0	3.8	40
						3099	553.5	556.5	3.0	105
240.0	275.5	Mafic Metavolcanic	Green, massive to pillowed, aphanitic to fine grained, strongly carbonatized, no magnetic attraction, foliated @ 50 degrees tca, trace pyrite 246.1 - 247.1 qtz-carb veinlets; 1% pyrite							
275.5	314.6	Mafic Metavolcanic	Dark green, fine grained to aphanitic, massive, lacks foliation, some carbonate, no magnetic attraction, resembles gabbro however contacts gradational, trace pyrite							

783 (82/1)

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulatic

Ministry of Natural Resources
Ontario

Diamond Drilling Log

Fill in on every page → Hole No. RL 86 02 | Page No. 3

Drilling Company	Collar Elevation	Bearing of hole from True North	Total Footage	Dip of Hole at	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
Heath and Sherwood		S 15 E	637	Collar -47	30+50N 8+00E		

Date Hole Started	Date Completed	Date Logged	Logged by		Location (Twp., Lot, Con. or Lat. and Long.)
Feb. 24, 1986	Feb. 27, 1986	Feb 25-27/86	L. Burden	300 Ft. -45	

Exploration Co., Owner or Optionee	Date Submitted	Submitted by (Signature)		
Silver Lake Resources Inc.			637 Ft. -34	Property Name: Rowan Lake

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays †
314.6	323.3	Mafic Metavolcanic	Dark green, aphanitic, strongly carbonatized, strongly foliated @ 60 degrees tca, no magnetic attraction, 1% disseminated enhedral pyrite							
323.3	329.2	Sheared Mafic Metavolcanic	Dark blue-grey, aphanitic, intensely carbonatized very blocky core breaks into coins, no magnetic attraction, graphitic shear planes, locally sericitic, shear planes @ 65 degrees tca, 3-8% pyrite as xl disseminations and as xline masses along shear planes, carbonatization gives rocks a bleached look.							
329.3	337.8	Quartz-Feldspar Porphyry	Light grey, medium grained, contains subhedral phenocrysts of clear qtz and white feldspar 1/10" in length, faint cleavage @ 60 degrees tca, no magnetic attraction, no carbonate, trace pyrite							
337.8	350.7	Sheared Mafic Metavolcanic	Similar to 323.3 - 329.3, more intensely carbonatized, 5-12% pyrite, shear planes @ 65-75 degrees tca							
350.7	357.2	Carbonatized Mafic Metavolcanic	Green, aphan tic to fine grained, intensely carbonatized, no magnetic attraction, lacks foliation, 1% enhedral pyrite, x/s 1/10 inches in diameter disseminated throughout, contains many carbonate veins giving rock unit a brecciated appearance.							
357.2	383.0	Mafic Metavolcanic	Dark green, fine grained to aphan itic massive, no magnetic attraction carbonate rich, trace pyrite, faint foliation @ 45 degrees tca.		1					

783 (82/1)

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulati

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Diamond Drilling Log

Fill in on every page → Hole No. RL 86 02 | Page 4

Drilling Company	Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
Heath and Sherwood		S15 E	637	Collar -47	30+50N 8+00E		
Date Hole Started	**Date Completed**	**Date Logged**	**Logged by**	300 Ft. -45		**Location (Twp., Lot, Con. or Lat. and Long.)**	
Feb. 24, 1986	Feb. 27, 1986	Feb 25-27/86	L. Burden	637 Ft. -34			
Exploration Co., Owner or Optionee		**Date Submitted**	**Submitted by (Signature)**	Ft.			
Silver Lake Resources Inc.				Ft.		**Property Name** Rowan Lake	

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays †
383.0	389.8	Gabbro Dyke	Dark grey-green, medium grained no magnetic attraction, no carbonate, foliated at 45 degrees tca, foliation due to alignment of amphiboles, no visible sulphides, both upper and lower contacts at 20 degrees tca							
389.8	411.8	Felsite Dyke	Light grey, aphanitic to fine grained, no magnetic attraction, no carbonate, contains 1% green micaceous mineral (fuchite?), pyrite occurs as both coarse 1/10 inches in diameter and very fine euhedral crystals disseminated throughout @ 2-3%, faint cleavage @ 35 degrees tca 399.2 - 400.4 Quartz vein, trace tourmaline, 1% py 402.6 - 404.6 Quartz vein , 1% disseminated pyrite							
411.8	473.4	Mafic Metavolcanic	Dark greenish-grey, aphanitic to fine grained, silicified, no magnetic attraction, trace carbonate, hard, appears to have been recrystalized, foliated @ 50 degrees tca, contains many hair line veinlets of qtz carbonate cross cutting core axis at 30-50 degrees, 1% disseminated euhedral pyrite							
473.4	496.2	Felsite Dyke	Very light grey, aphanitic, locally contains small phenocrysts < 1/10 inches of quartz, lacks carbonate, no magnetic attraction, lacks foliation, both upper and lower contacts @ 45 degrees tca, dyke boundaries contains small fragments of country rock, rock contains 1% apple green micaceous mineral (fuchite?), 1-3% v. finely disseminated euhedral pyrite							

783 (82/1)

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulati

Ministry of Northern Development and Mines

Ontario

Diamond Drilling Log

Complete this form and related sketch in duplicate. Fill in on every page

Hole No. RL 86 02 | Page No. 5

Drilling Company	Collar Elevation	Bearing of hole from Init North	Total Footage	Dip of Hole at	Address/Location where core stored	Map Reference No.	Claim No.
Heath & Sherwood		S 15 E	637	Collar -47			

Date Hole Started	Date Completed	Date Logged	Logged by		Location (Twp., Lot, Con. or Lat. and Long.)
Feb 24, 1986	Feb. 27, 1986	Feb 25-27/86	L. Burden	300 Ft. -45 °	30+50N 8+00 E

Exploration Co., Owner or Optionee	Date Submitted	Submitted by (Signature)		Property Name
Silver Lake Resources In.c			637 Ft. -34 °	Rowan Lake
			Ft. °	
			Ft. °	

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays †
496.2	627.1	Gabbro	Dark green, fine to medium grained, faint magnetic attraction, initially foliated @ 60° tca but disappears towards 627.1, soft but lacks carbonate, trace pyrite 553.5 - 556.5 Qtz-Carb veining 2-3% diss py 597.0 - 601.0 ground core, lost 1 foot							
627.1	637.0	Gabbro	Similar to 496.2 - 627.1, contains xenoliths of aphanitic mafic metavolcanic material indicating a proximal location of a contact							
	637.0	EOH								

783 (85/12)

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulations

SE

NW

MAGNETICS
(gammas)

900

800

700

20 N

21 N

22 N

23 N

24 N

25N

RL 86-03

LINE 32+00 E

Ovb

AZI 165°

0.024
0.013

Gab

Alt Gab

Fel Dyke

QV

Carb Maf Tuff

QV

0.016

0.036
0.016
0.013

Maf Inter. Tuff

0.011
0.012

Chemical Sediment

Sil. Tuff

Maf Inter. Tuff

Sil. Tuff

Maf Inter Tuff

Fel Tuff

Maf Tuff

Chert

Maf Tuff

Maf Mv

Maf Tuff

Inter Lap Tuff

Maf Tuff

Maf Mv

497'

Maf Mv

100'

200'

300'

400'

SILVER LAKE RESOURCES INC.		
Rowan Lake Property District of Kenora, Ontario N.T.S. 52F/5		
VERTICAL CROSS SECTION DRILL HOLE RL86-03		
SCALE 1 Inch = 100 feet		
Date: April 1986	Geologist: L. Burden	FIG # _____

* ASSAYS IN OZ AU/TON

Ministry of Natural Resources
Ontario

Diamond Drilling Log

Fill in on every page → Hole No. RL 86 03 | Page No. 1

Drilling Company	Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
Heath & Sherwood		S15 E	497	Collar -48°	24+50N 32+00E	M2580	K690678
Date Hole Started	**Date Completed**	**Date Logged**	**Logged by**	250 Ft. 45°		**Location (Twp., Lot, Con. or Lat. and Long.)**	
Feb. 27, 1986	March 1, 1986	Feb 28-Mar 1	L. Burden	487 Ft. -39°		District of Kenora	
Exploration Co., Owner or Optionee		**Date Submitted**	**Submitted by (Signature)**	Ft. °		**Property Name**	
Silver Lake Resources Inc.				Ft. °		Rowan Lake	

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † ppb/Au
0.0	12.0	OBD	Sand			3100	45.0	48.0	3.0	20
12.0	48.0	Gabbro	Green, fine to medium grained, strongly foliated @ 35 degrees tca, no magnetic attraction, some minor qtz veinlets with green mica (fuchite) alteration halos, apple green mica concentration increase towards 48.0, no carbonate, trace pryite			3101	48.0	52.5	4.5	Nil
						3102	52.5	57.7	5.2	30
						3103	57.7	60.6	2.9	Nil
						3104	60.6	65.0	4.4	Nil
						3105	65.0	69.8	4.8	30
						3106	69.8	71.0	1.2	280
						3107	71.0	75.5	5.5	830
						3108	75.5	77.2	1.7	30
						3109	77.2	82.0	4.8	440
48.0	60.6	Altered Gabbro	Light grey, fine grained, no magnetic attraction, carbonatized, bleached colouration, faint foliation @ 40 degrees tca, 10-12% apple green mica throughout, lacks effervesance with acid but soft, 2-3% disseminated euhedral py <1/10 inches in diameter 53.0 - 57.7 Qtz-carb vein, vein appears narrow and cross cuts core axis at a steep angle ie 10-15 degrees			3110	82.0	87.0	4.0	100
						3111	87.0	92.0	5.0	120
						3112	92.0	97.0	5.0	90
						3113	97.0	102.0	5.0	20
						3114	102.0	107.0	5.0	Nil
						3115	107.0	112.0	5.0	70
						3116	112.0	117.0	5.0	100
						3117	117.0	122.0	5.0	530
						3118	122.0	127.0	5.0	30
						3119	127.0	132.0	5.0	150
						3120	132.0	137.0	5.0	260
60.6	69.8	Felsite Dyke	Grey, aphanitic, no magnetic attraction, faint foliation @ 40 degrees tca, contains trace amounts of green mineral occuring along foliation planes, trace finely disseminated pyrite, minor carbonatization.			3121	137.0	142.0	5.0	1245
						3122	142.0	147.0	5.0	560
						3123	147.0	152.0	5.0	430
						3124	152.0	154.9	2.9	20
						3125	154.9	157.0	2.1	10
69.8	71.0	Quartz Vein	White, course grained, pristine, no carbonate, no sulphides, no inclusions what so ever							

783 (82/1)

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulations

Ministry of Natural Resources
Ontario

Diamond Drilling Log

Fill in on every page → Hole No. RL 86 03 | Page No. 2

Drilling Company	Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
Heath and Sherwood		S15 E		Collar -48	24+50N 32+00E		
Date Hole Started	**Date Completed**	**Date Logged**	**Logged by**	250 Ft.		**Location (Twp., Lot, Con. or Lat. and Long.)**	
Feb. 27, 1986	March 1, 1986	Feb28-Mar1	L. Burden	487 Ft.			
Exploration Co., Owner or Optionee		**Date Submitted**	**Submitted by (Signature)**	Ft.		**Property Name**	
Silver Lake Resources Inc.				Ft.			

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † ppb/Au
71.0	75.5	Carbonatized Mafic Tuff	Tan with greenish tint, aphanitic, carbonatized and locally silicified, no magnetic attraction, thinly laminated, laminae @ 60 degrees tca, no magnetic attraction, 8-10% disseminated euhedral pyrite < 1/10 inches in diameter, contains several qtz-carb veinlets cross cutting core axis at 5-15%			3126	157.0	162.0	5.0	Nil
						3127	162.0	167.0	5.0	30
						3128	167.0	170.3	3.3	20
						3129	170.3	175.5	5.2	190
						3130	175.5	179.5	4.0	10
						3131	179.5	183.6	4.1	70
						3132	183.6	187.0	3.4	60
						3133	187.0	191.1	4.1	100
						3134	191.1	197.0	5.9	70
75.5	77.2	Quartz Vein	White, coarse grained, trace euhedral pyrite, no carbonate, contacts ⊥ to core axis			3135	197.0	198.4	1.4	Nil
						3136	198.4	202.0	3.6	100
						3137	202.0	207.0	5.0	380
						3138	207.0	212.0	5.0	50
77.2	154.9	Mafic-Intermediate Tuff	Grey to buff, aphanitic thinly laminated to thinly bedded, carbonatized and locally silicified, no magnetic attraction, bedding from 55 to 65 degrees tca, 5-10% euhedral pyrite disseminated throughout, pyrite may reach 3/10 inches in diameter, locally within unit some beds resemble unconsolidated debris flows, some thinly laminated units are graphite, unit contains several quartz veinlets 4 inches in width cross cutting core axis at various angles throughout unit.			3139	212.0	217.0	5.0	365
						3140	217.0	221.2	4.2	70
						3141	221.2	227.0	5.8	110
						3142	237.0	240.0	3.0	10
						3143	247.0	250.0	3.0	Nil
						3144	257.0	259.5	2.5	Nil
						3145	259.5	262.0	2.5	20
						3146	267.2	269.6	2.4	Nil
						3147	395.0	398.2	3.3	Nil
						3148	398.5	402.0	3.5	Nil
						3149	402.0	407.0	5.0	Nil
						3150	407.0	312.0	5.0	Nil
						3151	712.0	417.0	5.0	Nil
						3152	417.0	722.0	5.0	Nil
						3153	422.0	727.0	5.0	Nil
						3154	427.0	431.3	4.3	Nil

783 (82/1)

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulatic

Ministry of Natural Resources
Ontario

Diamond Drilling Log

Fill in on every page → Hole No. RL 86 03 | Page 3

Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
Date Hole Started	Date Completed	Date Logged	Logged by		Collar Ft. Ft. Ft. Ft.		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)				Property Name	

Footage From	Footage To	Rock Type	Description Colour, grain size, texture, minerals, alteration etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays †
154.9	170.3	Chemical Sediment	Buff, aphanitic, no magnetic attraction, bleached, carbonatized, faintly to moderately foliated @ 50° tca, trace amounts of green mineral (fuchite), 3-5% disseminated euhedral pyrite up to 1/10 inches in diameter, unit could be a totally bleached out tuff.							
170.3	173.0	Silicified Tuff	Buff, aphanitic, silicified and carbonatized, appears brecciated with silica flooding, remnant foliation @ 55° tca, 10-12% disseminated pyrite, no magnetic attraction, unit appears contorted.							
173.0	175.5	Mafic-Intermediate Tuff	Buff, aphanitic carbonatized and locally silicified, no magnetic attraction, bedding @ 65° to c.a., minor sericitization along bedding planes, 1% disseminated euhedral pyrite.							
175.5	183.6	Silicified Tuff	Grey-buff, aphanitic, silicified and partially carbonatized, silica flooding gives rock a brecciated appearance, no magnetic attraction, 10-12% disseminated pyrite, remnant bedding-foliation @ 70° tca.							
183.6	191.1	Mafic-Intermediate Tuff	Greyish-tan, aphanitic to fine grained, very thinly laminated carbonatized, no magnetic attraction, locally silicified, laminae @ 70° tca, some minor qtz veinlets cross cut core axis at varying angles, 5-8% disseminated pyrite, pyrite euhedral and generally 1/10 inches in diameter							
191.1	221.2	Felsic Tuff	Light grey, fine grained, contains quartz fragments, locally resembles foliated qtz porphyry, definite bedding @ 55° tca, no magnetic attraction, no carbonate, trace euhedral pyrite, unit becomes gradually more mafic towards 259.5							
221.2	259.5									

783 (82/1)

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulati

Ministry of Natural Resources
Ontario

Diamond Drilling Log

Fill in on every page → Hole No. RL 86 03 | Page No. 4

Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at Collar	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
Date Hole Started	Date Completed	Date Logged	Logged by		Ft.		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		Ft.		Property Name	
					Ft.			
					Ft.			

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays †
259.2	267.2	Mafic Tuff	Dark grey, variegated, aphanitic, thinly bedded to thickly laminated, bedding @ 55° tca, carbonatized, no magnetic attraction, more mafic rich bands contain coarse euhedral pyrite up to 1/4 inch in diameter, cleavage @ 40° tca, some cleavage planes rich in pyrite, total pyrite 2-3%.							
267.2	269.6	Chert	Grey, variegated laminae of various shades of grey, aphanitic, laminae @ 45°, between same laminae occur pyritic bands 1/20 inches wide, 2-3% pyrite.							
269.6	287.5	Mafic Tuff	Similar to 259.5 - 267.2, slightly graphitic bedding at 60° tca.							
287.5	305.7	Mafic Meta-volcanic	Dark grey-green, aphanitic, carbonatized, amygduloidal, amygdules up to 1/10 inches in diameter contain calcite, lacks foliation, no magnetic attraction, trace euhdral pyrite, both upper and lower contacts knife sharp with no alteration, trace euhedral pyrite 1/10 inches in diameter.							
305.7	398.5	Mafic Tuff	Dark grey-green, variegated, aphanitic, thinly bedded to very thinly laminated, bands are various shades of grey, bedding at 55° to 60° tca, carbonatized, no magnetic attraction, locally appears graphitic, some of the more graphitic bands contain large euhedral pyrite crystals up to 1/2 inch in diameter, 390.0-398.5 unit contains chert beds.							
399.5	431.3	Intermediate Lapilli Tuff	Light grey, fine to medium grained, appears bedded @ 60° tca, fragments are light grey in a dark green matrix, fragments up to 1 inch wide and are locally cherty, tuff appears fragment supported, strongly carbonatized, 10-12% py-po as xline. masses occuring along foliation or cleavage planes, no magnetic attraction, unit becomes more mafic and finer grained towards 431.3.							

783 (82/1)

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulati

Ministry of Northern Development and Mines

Ontario

Diamond Drilling Log

Complete this form and related sketch in duplicate. Fill in on every page

Hole No.	Page No.
RL 86 03	5

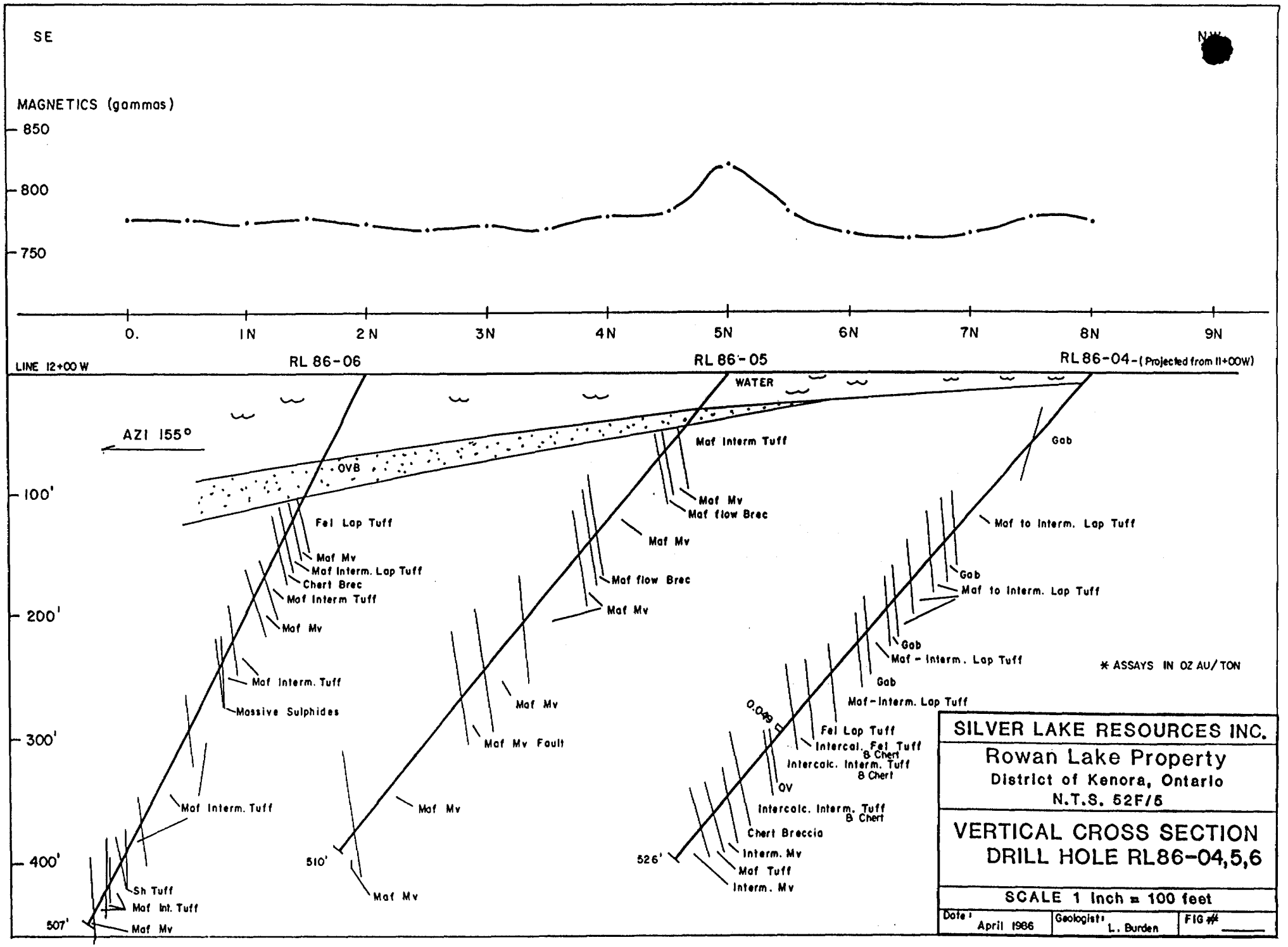
Drilling Company	Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Address/Location where core stored	Map Reference No.	Claim No.
				Collar °			
Date Hole Started / Date Completed	Date Logged	Logged by		Ft. °		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee	Date Submitted	Submitted by (Signature)		Ft. °			
				Ft. °		Property Name	
				Ft. °			

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays †		
431.3	443.6	Mafic Tuff	Dark green, variegated, with laminae of various shades of green to grey-green, carbonatized, no magnetic attraction, bedding @ 65° tca, trace pyrite.									
443.6	485.0	Mafic Metavolcanic	Green, aphanitic to fine grained, no magnetic attraction, soft but no carbonate, lacks foliation, massive flow, trace pyrite.									
485.0	497.0	Mafic Metavolcanic	Green, pillowed, aphanitic to fine grained, very small pillows 1 inch wide, pillow selvages 1/10 of an inch in width, carbonatized, no magnetic attraction, pillow selveges cut core axis @ 60°, trace pyrite.									
	497.0	EOH										

783 (85/12)

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulations



SILVER LAKE RESOURCES INC.

Rowan Lake Property
District of Kenora, Ontario
N.T.S. 52F/5

VERTICAL CROSS SECTION DRILL HOLE RL86-04,5,6

SCALE 1 Inch = 100 feet

Date: April 1986 | Geologist: L. Burden | FIG #

Ministry of Natural Resources
Ontario

Diamond Drilling Log

Fill in on every page

Hole No. RL 86 04 | Page No. 1

Drilling Company	Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
Heath and Sherwood	lake	S25°E	526	Collar -50° 250Ft -50° 516Ft -47° Ft. Ft.	8+00N 11+00W	M2580	K690799

Date Hole Started	Date Completed	Date Logged	Logged by	Location (Twp., Lot, Con. or Lat. and Long.)
March 3, 1986	March 6, 1986	Mar.3-6/86	L. Burden	District of Kenora

Exploration Co., Owner or Optionee	Date Submitted	Submitted by (Signature)	Property Name
Silver Lake Resources Inc.			Rowan Lake

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † ppb/Au
0.0	10.0	Water				3156	70.0	73.4	3.4	30
						3157	73.4	77.0	3.6	Nil
10.0	73.4	Gabbro	Dark green, fine grained, massive, lacks foliation, locally faint magnetic attraction, carbonate, consists primarily of amphiboles,			3158	87.0	90.0	3.0	Nil
						3159	97.0	100.0	3.0	Nil
			no visible sulphides.			3160	107.0	110.0	3.0	Nil
						3161	117.0	120.0	3.0	10
73.4	172.2	Mafic to Inter-	Dark grey-black, upper contact @ 25° tca, minor epidotization			3162	127.0	130.0	3.0	Nil
		mediate Lapilli	at contact, no carbonate, light grey cherty lapilli fragments			3163	137.0	140.0	3.0	Nil
		Tuff	generally 1/4" in length but up to 1" in in length occur in a			3164	147.0	150.0	3.0	Nil
			aphanitic grey-black matrix locally matrix appears graphitic,			3165	157.0	160.0	3.0	4
			fragments aligned @ 45° tca, fragments are cherty, trace			3166	168.0	172.6	4.6	Nil
			pyrite, becomes silica rich towards 172.2			3167	172.2	174.0	1.8	Nil
						3168	187.0	190.0	3.0	Nil
172.2	182.8	Gabbro	Green, fine grained, massive, lacks foliation, soft, no magnetic			3169	197.0	200.2	3.2	Nil
			attraction, not amphibolitized as 10.0-73.4, no carbonate, no			3170	200.2	205.0	4.8	10
			visible sulphides, both upper and lower contacts @ 45° tca,			3171	205.0	209.0	4.0	Nil
						3172	209.0	212.0	3.0	Nil
182.8	200.2	Mafic to Inter-	Similar to 73.4-172.2, bedding varys between 45-55° tca,			3173	212.0	214.5	2.5	Nil
		mediate Lapilli	slightly carbonatized.			3174	214.5	217.0	2.5	Nil
		Tuff				3175	227.0	230.0	3.0	Nil
						3176	237.0	250.0	3.0	Nil
						3177	246.0	248.1	2.1	10
						3178	248.1	254.0	5.9	Nil
						3179	254.0	256.5	2.5	10
						3180	256.5	260.0	3.5	Nil

783 (82/1)

* For features such as foliation, bedding, schistosity, measured from the long axis of the core

† Additional credit available See Assessment Work Regulation:

Ministry of Natural Resources
Ontario

Diamond Drilling Log

Fill in on every page

Hole No. RL 86 04 | Page No. 2

Drilling Company	Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at Collar	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
				Ft. °		Location (Twp., Lot, Con. or Lat. and Long.)	
Date Hole Started / Date Completed	Date Logged	Logged by		Ft. °			
Exploration Co., Owner or Optionee	Date Submitted	Submitted by (Signature)		Ft. °		Property Name	
				Ft. °			

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † ppb/Au	
200.2	227.0	Mafic-Inter mediate Lapilli Tuff	Similar to 182.8-200.2, very blocky ground, locally unit resembles annealed fault			3181	267.0	270.0	3.0	Nil	
			211.0-212.0 Extremely blocky core with fault gouge			3182	277.0	280.0	3.0	Nil	
			214.5-215.0 As above, with 1% disseminated euhedral pyrite			3183	286.3	291.6	5.3	Nil	
			212.0-214.5 Lamprophyre dyke; intensely carbonatized 80% muscovite.			3184	291.6	296.4	4.8	10	
						3185	296.4	300.0	3.6	Nil	
						3186	306.0	308.4	2.4	10	
						3187	308.4	309.1	0.7	Nil	
227.0	248.1	Mafic-Inter mediate Lapilli Tuff	Same as 182.8-200.2			3188	330.0	335.0	4.0	25	
						3189	335.0	340.0	4.0	30	
						3190	340.0	345.0	4.0	50	
						3191	345.0	350.0	4.0	30	
248.1	256.5	Gabbro	Same as 172.2-182.8			3192	350.0	353.0	3.0	90	
						3193	353.0	356.0	3.0	20	
256.5	286.3	Mafic-Inter mediate Lapilli Tuff	Same as 182.8-200.2			3194	356.0	361.0	5.0	20	
						3195	361.0	366.0	5.0	Nil	
						3196	366.0	371.0	5.0	20	
						3197	371.0	374.3	3.3	10	
286.3	296.4	Gabbro	Similar to 172.2-182.8; contains several quartz veins			3198	377.0	380.0	3.0	Nil	
			288.3-288.6 Qtz vein, no carbonate, trace py			3199	387.0	390.0	3.0	1703	0.049
			289.2-290.1 Qtz vein, minor carbonate, trace tourmaline, 1% pyrite			3200	403.0	406.0	3.0	Nil	
						3201	406.0	409.4	3.4	Nil	
			290.7-291.6 Qtz carb vein, trace pyrite			3202	409.4	413.0	3.5	10	
						3203	417.0	420.0	3.0	Nil	
						3204	427.0	430.0	3.0	30	
						3205	435.0	438.0	3.0	Nil	
						3206	438.0	439.0	1.0	Nil	
						3207	[illegible]	445.0	6.0	Nil	
						3208	445.0	450.0	5.0	Nil	
						3209	450.0	455.0	5.0	Nil	
						3210	455.0	460.6	5.6	10	

783 (82/1)

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available See Assessment Work Regulation:

Ministry of Natural Resources
Ontario

Diamond Drilling Log

Fill in on every page

Hole No. RL 86 04 | Page No. 3

Drilling Company	Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
				Collar			
Date Hole Started / Date Completed	Date Logged	Logged by		Ft. °		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee	Date Submitted	Submitted by (Signature)		Ft. ° / Ft. ° / Ft. °		Property Name	

Footage From	Footage To	Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † ppb/Au
296.4	330.0	Mafic-Inter mediate Lapilli Tuff	Dark bluish grey, very rich in carbonate and locally silicified, light bluish grey fragments generally 1/4 inches in length but up to 1 inch occur in a dark grey aphanitic cherty matrix, no magnetic attraction, bedding or fragment alignment @ 45° tca, trace pyrite, 308.4-309.1 Qtz vein, milky white, no carbonate, no sulphides			3211	478.8	482.0	3.2	70
						3212	482.0	487.0	5.0	120
						3213	487.0	492.3	5.3	Nil
330.0	356.0	Felsic Lapilli Tuff	Light grey, fine grained, bedding @ 50° to c.a., strongly carbonatized, faint magnetic attraction, very light grey fragments 1/14 inch in length in a slightly darker grey aphanitic matrix, both matrix and fragments have quartz phenocrysts 1/20 inches in diameter, locally the unit contains bedded pyrrhotite, pyrrhotite occurs as xline masses along bedding planes 2-5% py & po 341.0-344.0 Quartz Vein, steeply cross cuts core axis @ 10-15° trace tourmaline, trace pyrite.							
356.0	374.3	Intercalated Felsic Tuff & Cherts	Light grey, variegated, aphanitic to fine grained, very thinly laminated to thinly bedded, carbonatized, no magnetic attraction, tuff bands contain bedded sulphides, 2-3% pyrite as anhedral xline masses, bedding @ 55° to c.a., chert bands contain v. fine grained euhedral disseminated pyrite 1-2%							
374.3	406.0	Intercalated Intermediate Tuff & Chert	Similar to 356.0-374.3, dark grey, aphanitic contains graphitic laminae, bedding @ 50° to c.a., graded bedding fining with depth, 2-3% disseminated euhedral pyrite.							
405.0	409.4	Quartz Vein	White, coarse grained, glassy, trace tourmaline, 1% v. fine disseminated euhedral pyrite.							

783 (82/1)

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available See Assessment Work Regulations

Ministry of Natural Resources
Ontario

Diamond Drilling Log

Fill in on every page → Hole No. CL 86 04 | Page No. 4

Drilling Company	Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at Collar	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.

Date Hole Started	Date Completed	Date Logged	Logged by	Dip of Hole at Ft.	Location (Twp., Lot, Con. or Lat. and Long.)

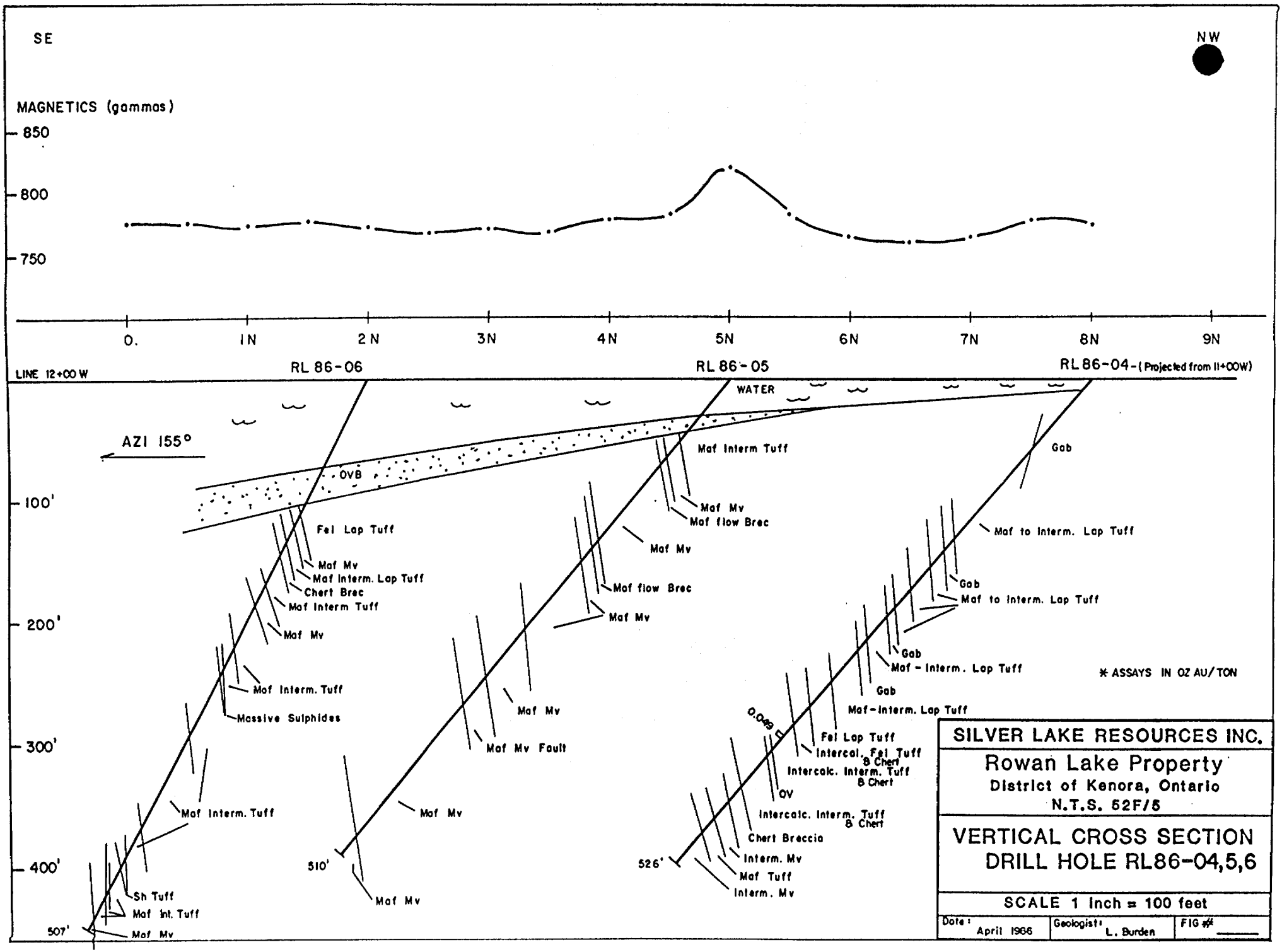
Exploration Co., Owner or Optionee	Date Submitted	Submitted by (Signature)	Dip of Hole at Ft.	Property Name

Footage From	Footage To	Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays †
409.4	445.0	Intercalated Intermediate Tuff & Chert	Same as 374.3-406.0, bedding @ 55° to c.a., 438.0-439.0 Qtz carb vein, trace pyrite, trace galena							
445.0	460.6	Chert Breccia	Grey-green, aphanitic, grey chert fragments within a green intermediate matrix, fragments up to 2" long, matrix supported, carbonate, no magnetic attraction, locally within unit it appears as if there are intermediate fragments in a cherty matrix, 1-2% disseminated very fine pyrite.							
460.6	478.7	Intermediate Metavolcanic	Dark grey, aphanitic, locally appears cherty, carbonatized, no magnetic attraction, lacks foliation, trace pyrite.							
478.8	492.3	Mafic Tuff	Dark grey-green, fine grained to aphanitic, consists primarily of amphibole, biotite and chlorite, carbonatized, remnant foliation - bedding @ 60°, no magnetic attraction, contains several (8) 2" qtz-carb veins which cross cut core axis @ 50°, unit appears bleached, bleaching intensifies towards qtz-carb veins, alteration locally gives unit a brecciated appearance, 2-3% disseminated euhedral pyrite, pyrite appears to be associated with alteration halos around qtz veins							
492.3	526.0	Intermediate Metavolcanic	Same as 460.6-478.7; could possibly be calcalkaline basaltic flow since most material observed to date appears to have been tholeiitic.							
	526.0	EOH								

783 (82/11)

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available See Assessment Work Regulations


SE
NW
MAGNETICS (gammas)
850
800
750
0.
1N
2N
3N
4N
5N
6N
7N
8N
9N
LINE 12+00 W
RL 86-06
RL 86-05
RL 86-04 - (Projected from 11+00W)
WATER
AZI 155°
OVB
100'
200'
300'
400'
Fel Lap Tuff
Maf Mv
Maf Interm. Lap Tuff
Chert Brec
Maf Interm Tuff
Maf Mv
Maf Interm. Tuff
Massive Sulphides
Maf Interm. Tuff
Sh Tuff
Maf Int. Tuff
507'
Maf Mv
Maf Interm Tuff
Maf Mv
Maf flow Brec
Maf Mv
Maf flow Brec
Maf Mv
Maf Mv
Maf Mv Fault
Maf Mv
510'
Maf Mv
Gab
Maf to Interm. Lap Tuff
Gab
Maf to Interm. Lap Tuff
Gab
Maf - Interm. Lap Tuff
Gab
Maf - Interm. Lap Tuff
0.045
Fel Lap Tuff
Intercal. Fel Tuff & Chert
Intercalc. Interm. Tuff & Chert
OV
Intercalc. Interm. Tuff & Chert
Chert Breccia
Interm. Mv
Maf Tuff
Interm. Mv
526'
* ASSAYS IN OZ AU/TON
SILVER LAKE RESOURCES INC.
Rowan Lake Property
District of Kenora, Ontario
N.T.S. 52F/5
VERTICAL CROSS SECTION
DRILL HOLE RL86-04,5,6
SCALE 1 inch = 100 feet
Date: April 1986
Geologist: L. Burden
FIG #

Ministry of Natural Resources
Ontario

Diamond Drilling Log

Fill in on every page

Hole No. RL 8605 | Page No. 1

Drilling Company: Heath & Sherwood	Collar Elevation: Lake	Bearing of hole from true North: S25° E	Total Footage: 510	Dip of Hole at: Collar -50°	Location of hole in relation to a fixed point on the claim: 5+00N 12+00W
Date Hole Started: March 6, 1986	Date Completed: March 13, 1986	Date Logged: Mar.12-13	Logged by: L. Burden	250 Ft. -50°	Map Reference No.: M2580
Exploration Co., Owner or Optionee: Silver Lake Resources Inc.		Date Submitted	Submitted by (Signature)	500 Ft. -52°	Claim No.: K690799
				Ft.	Location (Twp., Lot, Con. or Lat. and Long.): District of Kenora
				Ft.	Property Name: Rowan Lake

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † ppb/Au
0.0	37.0	Water				3214	55.0	60.0	5.0	Nil
						3215	60.0	63.6	3.6	Nil
37.0	52.0	OBD				3216	63.6	67.0	3.4	Nil
						3217	82.0	85.0	3.0	Nil
52.0	63.6	Mafic-Intermediate Tuff	Light greyish green, fine grained to aphanitic no magnetic attraction, thinly laminated to very thick bedded, bedding @ 50° tca, trace pyrite.			3218	97.0	100.0	3.0	20
						3219	117.0	120.0	3.0	Nil
						3220	127.7	129.3	1.6	10
						3221	141.0	144.0	3.0	Nil
63.6	81.2	Mafic Metavolcanic	Greyish-green, aphanitic to fine grained, massive, lacks foliation, carbonatized, no magnetic attraction, initial 3.7' strongly carbonatized and rich in disseminated and stringer py 3 - 5%, remainder of unit contains trace pyrite.			3222	173.0	176.3	3.3	Nil
						3223	187.0	190.0	3.0	Nil
						3224	205.0	208.0	3.0	Nil
						3225	227.0	230.0	3.0	Nil
						3226	239.0	241.0	2.0	10
81.2	89.1	Mafic Flow Breccia	Greyish-green, aphanitic to fine grained, light grey chert like aphanitic fragments occur in a greyish-green fine grained matrix, called a chert breccia in RL 86 04, carbonatized, no magnetic attraction, lacks foliation, trace pyrite.			3227	251.0	252.5	1.5	30
						3228	262.8	266.0	3.2	Nil
						3229	266.0	270.0	4.0	Nil
						3230	270.0	275.0	5.0	Nil
						3231	275.0	280.0	5.0	Nil
89.1	170.4	Mafic Metavolcanic	Same as 63.6 - 81.2. Here rocks could possibly be calcalkaline they are dissimilar to those drilled on the north end of the property. 127.7 - 129.3 fault, blocky core, carbonate veining gouge, 1 - 2% euhedral disemated py.			3232	280.0	285.0	5.0	Nil
						3233	285.0	290.0	5.0	Nil
						3234	290.0	295.0	5.0	Nil
						3235	295.0	300.0	5.0	25
						3236	300.0	307.0	7.0	10
						3237	307.0	317.0	10.0	10
						3238	357.0	360.0	3.0	Nil
						3239	375.0	378.0	3.0	20
						3240	393.0	396.0	3.0	Nil

783 (82/11)

* For features such as foliation, bedding, schistosity, measured from the long axis of the core

† Additional credit available See Assessment Work Regulation

Ministry of Natural Resources
Ontario

Diamond Drilling Log

Fill in on every page → Hole No. RL 8605 | Page No. 2

Drilling Company: Heath & Sherwood	Collar Elevation: Lake	Bearing of hole from true North: S25°E	Total Footage:	Dip of Hole at: Collar -50°; 250 Ft. -50°; 500 Ft. -52°; Ft.; Ft.
Date Hole Started: March 6, 1986	Date Completed: March 13, 1986	Date Logged: Mar.12-13	Logged by: L. Burden	
Exploration Co., Owner or Optionee: Silver Lake Resources Inc.		Date Submitted	Submitted by (Signature)	

Location of hole in relation to a fixed point on the claim: 5+00N 12+00W

Map Reference No.

Claim No.: K690799

Location (Twp., Lot, Con. or Lat. and Long.)

Property Name: Rowan Lake

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc)	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † ppb/Au
170.4	176.3	Mafic Flow Breccia	Same as 81.2 - 89.1			3241	414.0	417.0	3.0	Nil
						3242	429.0	432.0	3.0	Nil
						3243	447.0	450.0	3.0	Nil
176.3	193.4	Mafic Metavolcanic	Same as 89.1 - 170.4			3244	470.0	473.0	3.0	Nil
						3245	489.7	495.0	5.3	15
193.4	262.8	Mafic Matavolcanic	Dark greyish green, fine grained to aphanitic, minor carbonate, no magnetic attraction locally weakly foliated @ 45° tca, trace disseminated pyrite			3246	495.0	500.0	5.0	Nil
						3247	500.0	505.0	5.0	10
						3248	505.0	510.0	5.0	Nil
			251.0 - 252.5 Blocky core; fault gouge, carbonate veinlets, some qtz, tr py.							
262.8	317.0	Mafic Matavolcanic	Dark green, aphanitic, carbonate, locally silicified over 1 foot intervals, weakly foliated @ 50° tca, no magnetic attraction, disseminated pyrite as xline masses and euhedral xls also found as bands parallel to foliation 3 - 5% pyrite, locally the core is blocky, 5 feet of core ground between 307.0 - 317 feet, 1% cpy.							
317.0	345.0	Mafic Matavolcanic (Fault)	Dark green, aphanitic to fine grained, extremely blocky, locally gouge, all core surfaces have rusty surfaces, some carbonate, no magnetic attraction, trace pyrite, little quartz.							

783 (82/1)

* For features such as foliation, bedding, schistosity, measured from the long axis of the core

† Additional credit available See Assessment Work Regulations

Ministry of Natural Resources
Ontario

Diamond Drilling Log

Fill in on every page → Hole No. RL 8605 | Page No. 3

Drilling Company	Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
Heath & Sherwood		S25°E		Collar -50	5+00N 12+00W		K690799

Date Hole Started	Date Completed	Date Logged	Logged by		Location (Twp., Lot, Con. or Lat. and Long.)
March 6, 1986	March 13, 1986	March 12 -	L. Burden	250 Ft. -50 °	
				500 Ft. -52 °	
				Ft. °	
				Ft. °	

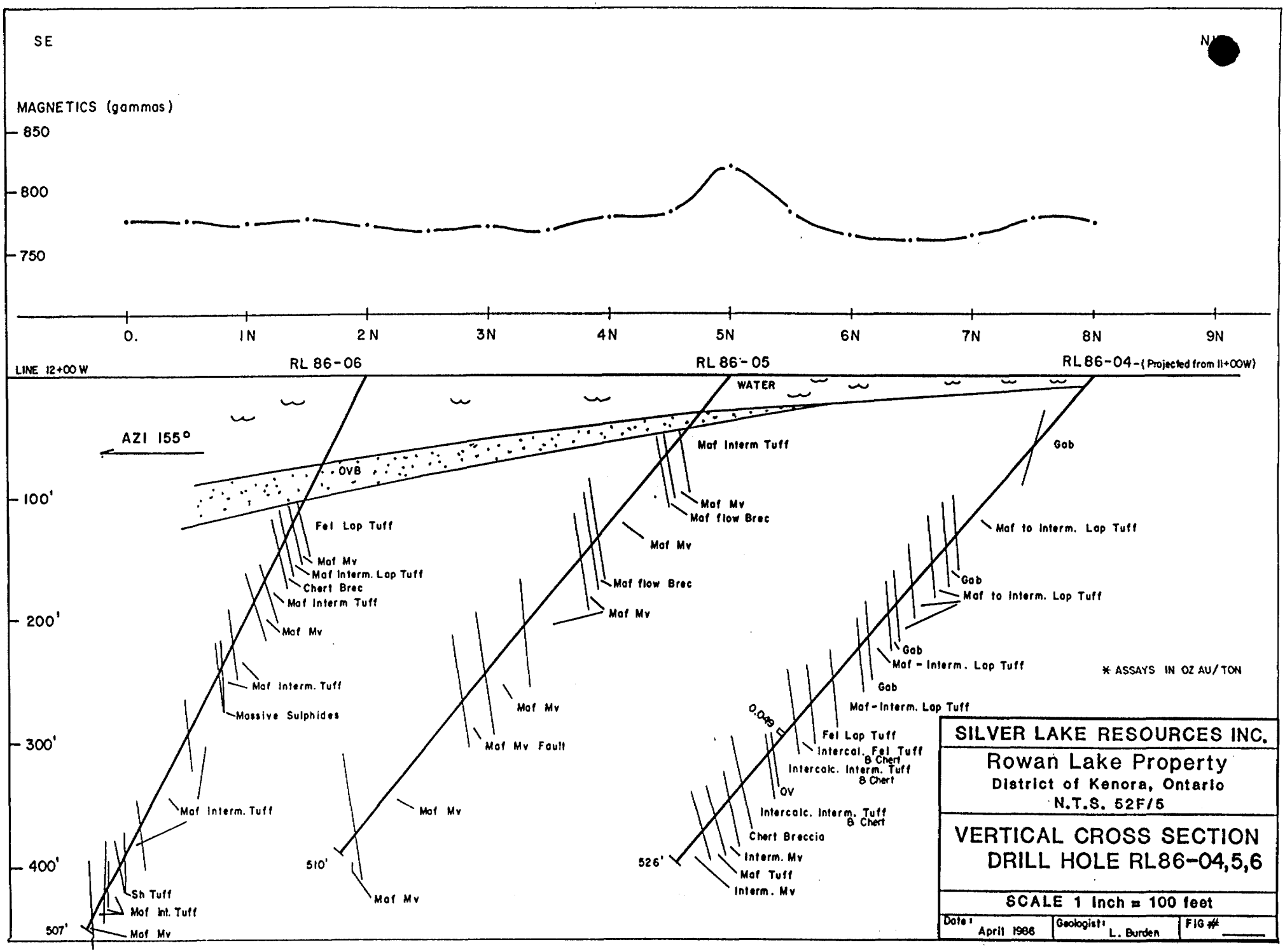
Exploration Co., Owner or Optionee	Date Submitted	Submitted by (Signature)	Property Name
Silver Lake Resources Inc.			Rowan Lake

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays †
345.0	489.7	Mafic Metavolcanic	Greyish green, aphanitic to fine grained, minor carbonate, no magnetic attraction locally weakly foliated @ 45° tca, locally contains small phenocrysts of qtz 1/20 inches wide trace pyrite, totally lacks carbonate and/or qtz veinlets, locally resembles fine grained gabbro observed in shoreline outcrops.							
489.7	510.0	Mafic Metavolcanic	Intercalated tuffs & flows, dark grey to green, aphanitic to fine grained, bedding at 55° tca, cleavage @ 40° tca, thinly laminated, disseminated and bedded pyrite, total pyrite 3 - 5%, no magnetic attraction, carbonate.							
	510.0		EOH							

783 (82/11)

* For features such as foliation, bedding, schistosity, measured from the long axis of the core

† Additional credit available See Assessment Work Regulations


SE
NW
MAGNETICS (gammas)
850
800
750
0.
1N
2N
3N
4N
5N
6N
7N
8N
9N
LINE 12+00 W
RL 86-06
RL 86-05
RL 86-04 - (Projected from 11+00W)
WATER
AZI 155°
OVB
100'
200'
300'
400'
Fel Lap Tuff
Maf Mv
Maf Interm. Lap Tuff
Chert Brec
Maf Interm Tuff
Maf Mv
Maf Interm. Tuff
Massive Sulphides
Maf Interm. Tuff
Sh Tuff
Maf Int. Tuff
Maf Mv
507'
Maf Interm Tuff
Maf Mv
Maf flow Brec
Maf Mv
Maf flow Brec
Maf Mv
Maf Mv Fault
Maf Mv
Maf Mv
510'
Gab
Maf to Interm. Lap Tuff
Gab
Maf to Interm. Lap Tuff
Gab
Maf - Interm. Lap Tuff
Gab
Maf - Interm. Lap Tuff
0.04 oz
Fel Lap Tuff
Intercal. Fel Tuff & Chert
Intercalc. Interm. Tuff & Chert
OV
Intercalc. Interm. Tuff & Chert
Chert Breccia
Interm. Mv
Maf Tuff
Interm. Mv
526'
* ASSAYS IN OZ AU/TON
SILVER LAKE RESOURCES INC.
Rowan Lake Property
District of Kenora, Ontario
N.T.S. 52F/5
VERTICAL CROSS SECTION
DRILL HOLE RL86-04,5,6
SCALE 1 inch = 100 feet
Date: April 1986
Geologist: L. Burden
FIG #

Ministry of Natural Resources
Ontario

Diamond Drilling Log

Fill in on every page

Hole No. RL 86 06 | Page No. 1

Drilling Company: Heath and Sherwood	Collar Elevation: Lake	Bearing of hole from true North: S 25° E	Total Footage: 507	Dip of Hole at: Collar -65°	Location of hole in relation to a fixed point on the claim: 2+00N 12+00W
Date Hole Started: March 15, 1986	Date Logged: Mar. 18-20	Logged by: L. Burden		118 Ft -63°	Map Reference No.: M2580
Date Completed: March 19, 1986	Date Submitted	Submitted by (Signature)		300 Ft -63°	Claim No.: K 690799
Exploration Co., Owner or Optionee: Silver Lake Resources Inc.				497 Ft -62°	Location (Twp., Lot, Con. or Lat. and Long.): District of Kenora
				Ft	Property Name: Rowan Lake.

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc)	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † ppb/Au
0.0	75.0	Water				3249	117.0	120.0	3.0	10
						3250	120.0	124.0	4.0	10
75.0	112.0	Overburden	Clay, mud			3251	148.2	152.0	3.8	10
						3252	152.0	157.0	5.0	10
112.0	124.0	Felsic Lapilli Tuff	Light grey, silicified, appears to be cherty, contains small v. light grey fragments up to 1/10 x 1 inches bedded at 35° to c.a., in a slightly darker grey aphanitic matrix, silicified, no magnetic attraction no carbonate, trace py, trace sphalerite			3253	157.0	162.0	5.0	10
						3254	162.0	167.0	5.0	Nil
						3255	193.0	196.0	3.0	10
						3256	207.5	211.5	4.0	Nil
						3257	219.0	222.0	3.0	Nil
124.0	135.0	Mafic Metavolcanic	Grey, aphanitic to fine grained, soft, does not effervess with acid, weakly foliated @ 35° to c.a., unit could possibly be a thick tuff bed, no magnetic attraction, trace pyrite.			3258	234.0	237.0	3.0	Nil
						3259	246.0	251.0	5.0	20
						3260	251.0	256.0	5.0	Nil
						3261	256.0	260.0	4.0	10
135.0	148.2	Mafic Intermediate Lapilli Tuff	Grey, aphanitic to fine grained, does not effervess with acid soft, bedded @ 35° to c.a., no magnetic attraction, lapilli fragments rare but consist of chert, trace pyrite.			3262	260.0	263.0	3.0	40
						3263	263.0	268.2	5.2	Nil
						3264	268.2	269.8	1.6	180
						3265	285.0	288.0	3.0	Nil
148.2	157.0	Chert Breccia	Grey, aphanitic to fine grained, does not effervess with acid, soft, annealed fault breccia ? no magnetic attraction, chert fragments in a slightly darker fine grained matrix, 2-4% pyrite as euhedral x/s and xline masses, trace pyrrhotite.			3266	304.0	307.0	3.0	10
						3267	324.0	328.0	4.0	10
						3268	341.0	344.0	3.0	Nil
						3269	357.0	360.0	3.0	Nil
						3270	380.0	383.0	3.0	Nil
						3271	393.0	396.0	3.0	5
						3272	418.0	421.0	3.0	Nil
						3273	432.0	435.0	3.0	Nil
						3274	438.0	441.0	3.0	Nil
						3275	441.0	444.0	3.0	Nil
						3276	444.0	447.6	3.6	Nil
						3277	447.5	451.0	3.5	Nil
						3278	470.5	473.8	3.3	Nil

783 (82/1)

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulatio

Ministry of Natural Resources
Ontario

Diamond Drilling Log

Fill in on every page → Hole No. RL 86 06 | Page No. 2

Drilling Company	Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
				Collar			
Date Hole Started / Date Completed	Date Logged	Logged by		Ft. °		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee	Date Submitted	Submitted by (Signature)		Ft. °		Property Name	
				Ft. °			
				Ft. °			

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays †	
157.0	186.2	Mafic Intermediate Tuff	Grey, laminae & bedding difficult to see, bedding @ 35° to c.a., locally appears brecciated, aphanitic some effervescence, initial 10 feet contains euhedral pyrite x/s bounded by anhedral xline masses of pyrrhotite, locally strong magnetic attraction, 2-3% pyrite 2-3% pyrrhotite over the initial 10 feet remainder of unit contains trace sulphides.								
186.2	207.5	Mafic Metavolcanic	Grey, fine grained, effervesses with acid, weakly foliated @ 45° to c.a., no magnetic attraction, appears to be a flow, 1% py-po								
207.5	246.0	Mafic Intermediate Tuff	Similar to 157.0-186.2: effervesses with acid, bedding @ 30° to c.a., cleavage @ 15° to c.a., 1-2% py-po disseminated through out								
246.0	268.2	Mafic Intermediate Tuff	Similar to 207.5-246.0, effervesses with acid, bedding @ 45-50° to c.a., 3-5% py, 5-8% po, pyrite occurs as euhedral x/s and as xline masses in laminae, po occurs as anhedral xline masses surrounding zones of py, locally across 0.5 feet up to 90% sulphides, trace cpy, trace galena.								
268.2	269.8	Massive Sulphides	60% anhedral xline masses of pyrite 30% anhedral xline masses of pyrrhotite 10% xenoliths of country rock bedded sulphides upper and lower contacts @ 15° to c.a., strong magnetic attraction.								
269.8	328.2	Mafic Intermediate Tuff	Grey, aphanitic, variegated in various shades of grey, thinly laminated to thickly bedded @ 25° to c.a., no magnetic attraction, carbonatized, trace euhedral pyrite, locally laminae appear cherty								

783 (82/1)

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulatio

Ministry of Natural Resources
Ontario

Diamond Drilling Log

Fill in on every page → Hole No. RL 86 06 | Page No. 3

Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
					Collar			
Date Hole Started	Date Completed	Date Logged	Logged by		Ft. °		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		Ft. °			
					Ft. °		Property Name	
					Ft. °			

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays †
328.2	411.0	Mafic Intermediate Tuff	Similar to 269.8-328.2, grey-green colour.							
411.0	441.0	Mafic Intermediate Tuff	Same as 328.2-351.2							
441.0	447.5	Sheared Tuff	Grey-green aphanitic, v. strongly carbonatized, no magnetic attraction, minor sericite shearing at 35° to c.a., no magnetic attraction trace pyrite.							
447.5	470.5	Mafic Intermediate Tuff	Grey, aphanitic, variegated, thinly laminated to very thinly bedded, bedding @ 25° to c.a., no magnetic attraction, carbonate, locally cherty, trace py-po.							
470.5	473.8	Mafic Intermediate Tuff	Greyish green, aphanitic, cherty, brecciated, possibly unconsolidated mud or debris flow, trace carbonate, hard, weak magnetic attraction, remnant bedding @ 40° to c.a., 2-3% po as xline masses, 1-2% py as xline masses, trace cpy, light greyish green chert fragments in a slighly darker green matrix, fragments generally less than 1/10 of an inch.							
473.8	498.0	Mafic-Intermediate Tuff	Similar to 447.5-470.5, 1-2% py-po-sph, trace cpy as xline masses paralling bedding @ 25° to c.a.							
498.0	507.0	Mafic Metavolcanic	Greyish green, aphanitic to fine grained, mafic flow, carbonate 1% py-po, weakly foliated @ 30° to c.a., contact indicated youning with depth, sulphides disseminated as xline masses.							
	507.0	EOH								

783 (82/1)

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulatic

THE 1986 FALL DIAMOND DRILLING PROGRAMME ON THE ROWAN LAKE PROPERTY DISTRICT OF KENORA

for

INTERNATIONAL PLATINUM CORPORATION/DEL NORTE CHROME CORPORATION
Suite 2304, Box 30
150 King Street West
Toronto, Ontario
M5H 1J9

November 1986

Rowan Lake Area
District of Kenora
NTS: 52F/5
LORNE BURDEN

SUMMARY

The 25 claim Rowan Lake property in which International Platinum Corporation has earned a 50% interest from Del Norte Chrome Corporation, is located at the southwestern end of Rowan Lake. The property is underlain by an Early Precambrian easterly trending sequence of metamorphosed mafic to felsic flows and pyroclastic rocks intruded by mafic to intermediate dykes and sills, and the granitic Nolan Lake stock.

The property is on strike with three significant, recently outlined gold deposits. Nuinsco Resources' Monte Cristo property, which adjoins the Rowan Lake Property on the east, is host to the recently drilled Monte Cristo and Victor Island deposits. The Nuinsco-Lockwood Petroleum Cameron Lake property, located 5 miles to the west, is the site of the Cameron Lake deposit currently indicated to contain 2,000,000 tons of material grading in excess of 0.10 oz gold/ton. Shear zones containing the deposits have been traced onto the Rowan Lake property.

Recent work on the property includes airborne V.L.F.E.M and magnetometer surveys, ground V.L.F.E.M., magnetometer, I.P., soil geochemical and geological surveys as well as 11 diamond drill holes totalling 7,101 feet, and 57 reverse circulation overburden drill holes totalling 8756 feet.

During October of 1986, two mineralized areas located on the northern land portion of the property were subject to a 2,701 foot drill programme based on the recommendations of L.D. Burden (1986a) and A.D. Hunter (1986). The initial three holes drilled on the first target produced negative results and at this present time does not warrant further evaluation. However, the four holes drilled through the second target encountered significant gold mineralization across a width of 150 feet with values up to 0.135 ounces/ton over 3.5 feet and this mineralized zone is possibly analogous to halo material found within the Cameron Lake deposit located five miles to the west. Additional drilling is recommended on this zone and a minimum programme of 3,000 feet is proposed at a total cost of $114,000. However, should results prove positive, the operators should be prepared to drill an additional 3,000 to 5,000 feet prior to break up to thoroughly test the economic potential of this target.

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INTRODUCTION

The Rowan Lake property is underlain by Early Precambrian metavolcanic rocks and actually straddles a major transition in the volcanic rock chemistry from tholeiitic to mixed calcalkaline and tholeiitic. This boundary between oceanic volcanics and an overlying stratovolcano is typically the locus of many Early Precambrian gold deposits.

Gold deposits recently explored on the nearby Cameron Lake and Monte Cristo properties are contained within altered shear zones which also appear to underlie the Rowan Lake property. Chances for the occurrence of similar gold mineralization on the Rowan Lake property are excellent.

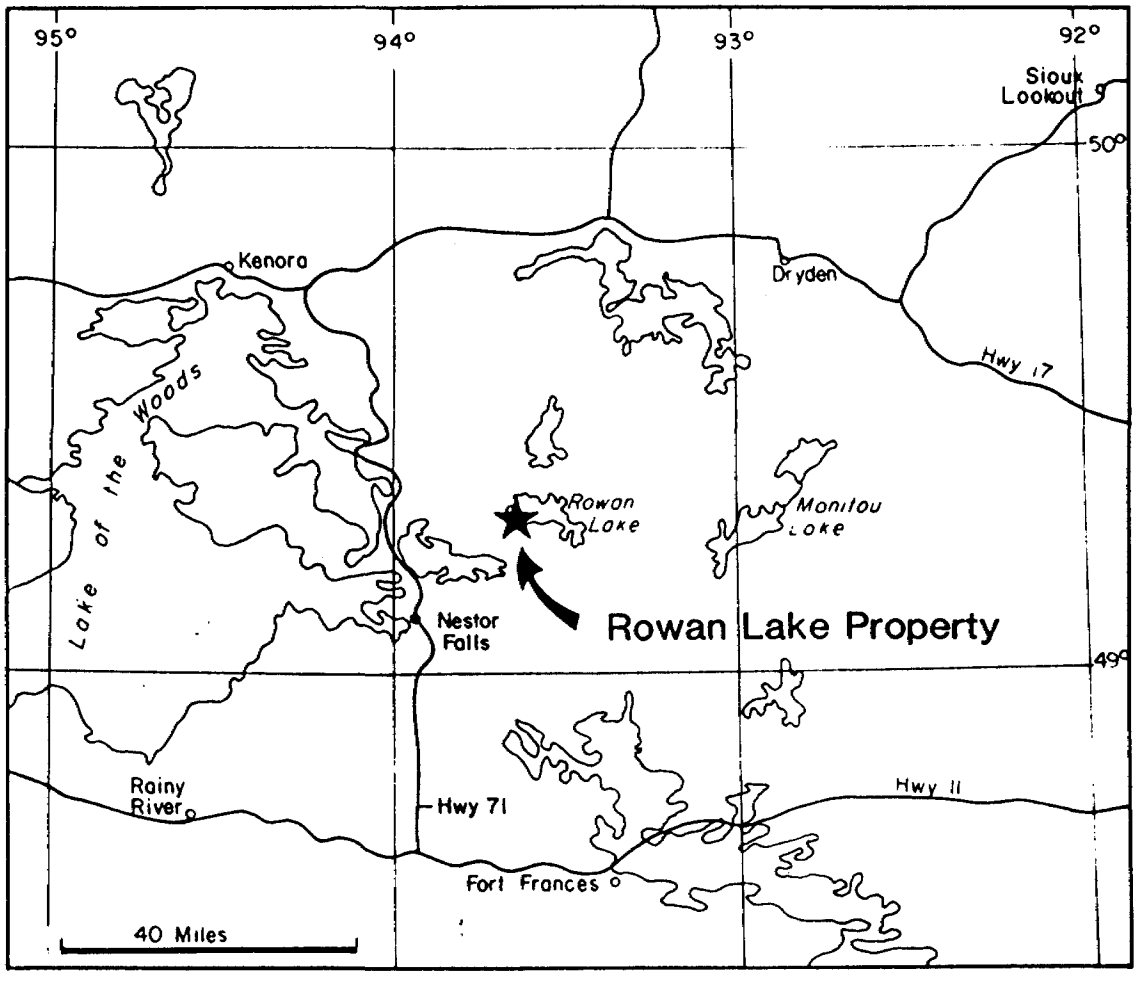
An eight hole 2,701 foot diamond drill programme was conducted from October 6 to October 21, 1986 for the International Platinum Corporation - Del Norte Chrome Corporation joint venture. This programme was designed to evaluate two mineralized zones which had been outlined on the property by previous work. The results of the drilling are presented in this report.

Location and Access

The property is located approximately 20 miles northeast of the town of Nestor Falls on Highway 71, and approximately 55 miles southeast of Kenora, Ontario (Figure 1). The property straddles Sullivan Bay on Rowan Lake and several smaller bays and scattered islands (Figure 2).

Access is provided by float equipped fixed wing aircraft available in Nestor Falls. A winter ice road is maintained to Nuinsco's Cameron Lake and Monte Cristo camps as well as the tourist camps situated on Rowan Lake. Nuinsco Resources has completed construction of a private all-weather road to the Cameron Lake camp.

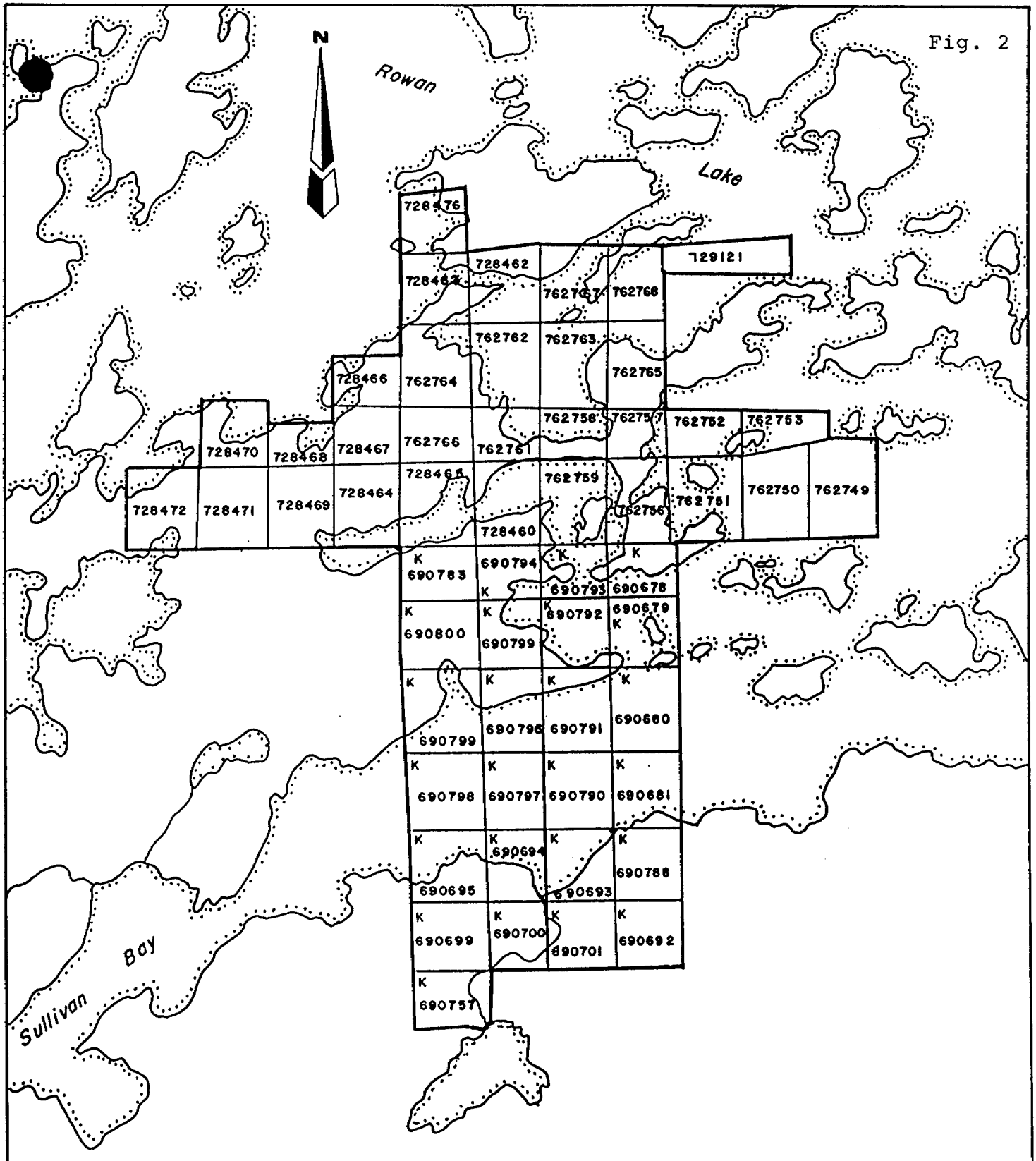
Rowan Lake Lodge, located approximately 1 1/4 miles north of the property is operated year-round and is equipped with a radio telephone.



LOCATION MAP

FIG. 1

Fig. 2



INTERNATIONAL PLATINUM CORP. DEL NORTE CHROME CORP.		
ROWAN LAKE CLAIM LOCATION MAP		
Drawn. A.M.	Appr.vd. L.B.	Date. Nov.1986
Scale: 1" =2640'	NTS. 52F/5	

Property

The Rowan Lake property was staked by a prospecting syndicate which recorded the claims on January 6, 1983. Subsequently, Del Norte Chrome Corporation purchased the property for 200,000 common shares of Del Norte and a 3% net smelter royalty.

In early 1984, International Platinum Corporation, formerly Silver Lake Resources Inc., acquired an option to earn a 50% interest in the property by expending $250,000 on exploration by April 1,1985. The group comprises twenty-five contiguous unpatented mining claims:

K 690678 - K 690681 inclusive
K 690692 - K 690695 inclusive
K 690699 - K 690701 inclusive
K 690790 - K 690800 inclusive
K 690757, K 690783 and K 690788.

Over 200 days assessment has been applied to each claim prior to the present study to keep the claims in good standing until January 6, 1989.

Topography and Vegetation

Approximately half of the property is covered by portions of Rowan Lake. The half mile wide, east-west trending Sullivan Bay portion, is up to 100 feet deep with up to 100 feet of clay and silt deposits. The land portions of the property are approximately bisected by Sullivan Bay. Outcrop is most abundant on the northern peninsula where a series of northeasterly trending ridges of outcrop are separated by low cedar swamps with a local relief of approximately 60 feet. Ridge tops tend to be pine covered with spruce covering the hillsides. Shoreline outcrop is well exposed on the northern peninsula.

The southern half of the property has a local relief of 100 feet. The surface rises gently from an alder and manitoba maple vegetated low on Sullivan Bay to a high spruce and pine covered ridge on the south boundary of the property. Several low outcrops are scattered throughout this area. Rock exposure is poor along the south shoreline of Sullivan Bay.

HISTORY AND PREVIOUS WORK

The Rowan Lake area was originally mapped by Burwash (1933) and Thompson (1935, 1938) at a scale of 1 inch to 1 mile. Mapping by Johnson (1960) at 1 inch to 1/2 mile, and Davies (1967), 1 inch to 1/2 mile includes part of the Rowan Lake area. Most recently, Kaye (1973), mapped the area at a scale of 1 inch to 1/4 mile.

Gold exploration has been carried out sporadically in the Kenora-Rowan Lake areas since the turn of the century, and for base metals since the 1950's. A number of small gold mines were opened up in the early 1900's but no major deposits were outlined. In 1960, two prospectors working for Noranda Mines discovered gold near Cameron Lake. Noranda drilled the property in 1960-61 and again with a second drill programme in 1974 under an option agreement with Zahavy Mines Ltd. Nuinsco Resources acquired the property in 1980 and have since that time successfully outlined reserves of 2 million tons grading better than 0.10 oz Au per ton. Echo Bay Mines Ltd. is currently earning interest in Nuinsco Resources by excavating an exploration decline down to the Cameron Lake deposit. This deposit lies approximately 5 miles southwest of, and is on strike with the Rowan Lake property.

The Victor Island and Monte Cristo deposits occur respectively 4500 and 8400 feet east of the Rowan Lake property. Gold was first reported to occur in a strong shear zone on the Monte Cristo claim in 1899. In 1931, due to lower water levels, the gold bearing shear zone was exposed over a width of 20 feet and traced for over one mile. Nuinsco Resources acquired the claims surrounding the showings and have obtained encouraging results during their 1983,1984, and 1985 drill programmes (i.e. drill hole NM 25 cut 42.6 feet of 0.27 oz per ton Au, [Northern Miner Press, April 12, 1984].

A search of the Toronto assessment files revealed that no assessment work had been filed on the property prior to its recent acquisition. However, field investigations have located several ancient trenches and claim posts.

CURRENT EXPLORATION

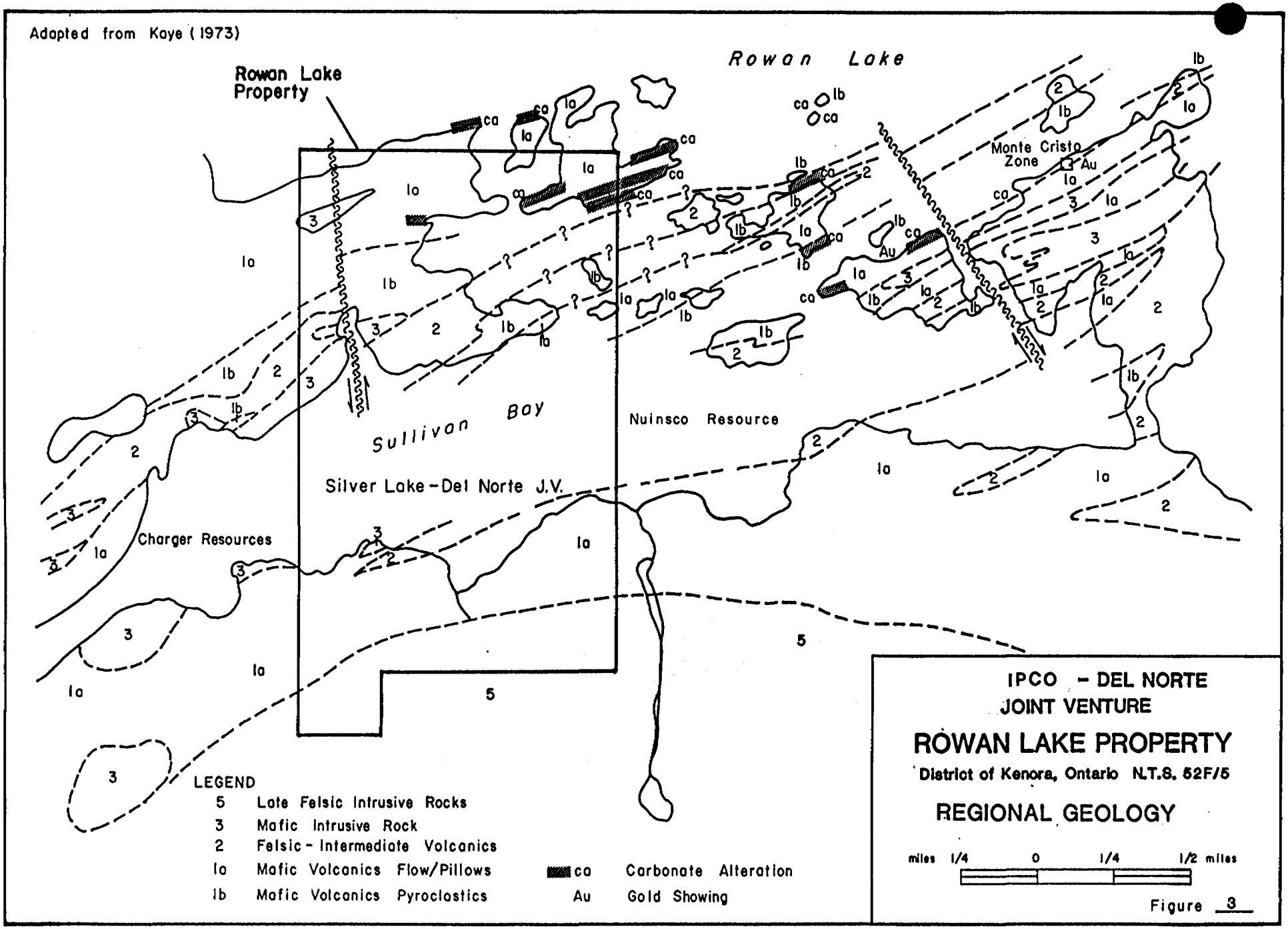
Aerodat airborne Magnetometer and V.L.F.E.M. surveys were conducted in late 1983 on behalf of Del Norte Chrome Corp. Upon acquisition of its option in 1984, International Platinum Corporation, formerly Silver Lake Resources Inc., commissioned ground V.L.F.E.M., Magnetometer, and Induced Polarization surveys. In April 1984, International Platinum Corporation and Nuinsco Resources drilled a joint venture hole on their common boundary in Sullivan Bay in an effort to extend the known length of the Monte Cristo and Victor Island shear zones. Anomalous gold mineralization coincident with shearing was located in a similar stratigraphic setting. The above mentioned work was previously summarized in a report by Goodwin (1984). Geological mapping and soil sampling were conducted over an eleven day period in June 1984 by International Platinum Corporation, this work has been summarized in a report by Burden (1985a). In early 1985, a four hole 3,080 foot drill programme was conducted across Sullivan Bay to test the extension of the Monte Cristo shear zone (Burden, 1985b). A programme of detailed soil sampling, rock sampling and mapping was carried out during September and October 1985 (Burden, 1985c), which resulted in locating several land based exploration targets which were tested by diamond drilling in early 1986 (Burden 1986a). A 57 hole, 8756 foot reverse circulation basal till sampling programme was also conducted in early 1986 across the ice of Sullivan Bay (Burden, 1986b).

Regional Geology

Rowan Lake is near the western extremity of the Early Precambrian, Savant Lake-Crow Lake belt of metamorphosed volcanic and sedimentary rocks (Figure 3). This wide belt of metamorphosed mafic to felsic flows and associated pyroclastic rocks is intruded by near conformable dykes and sills of gabbro and quartz-feldspar porphyry. The Nolan Lake Stock, composed of quartz monzonite, intrudes the volcanic sequence south of Rowan Lake. Metamorphism is dominantly lower to upper greenschist facies. An aureole of amphibolite grade metamorphism, encircles the granitic intrusion.

DIAMOND DRILLING

The 1986 Fall drilling programme on the Rowan lake property was designed to test two separate mineralized zones located on the northern portion of the property by previous work. Drill logs, gold assays, a location map, and geological sections are appended to this report.


Adapted from Kaye (1973)
Rowan Lake Property
Rowan Lake
Monte Cristo Zone
Au
Sullivan Bay
Nuinsco Resource
Silver Lake-Del Norte J.V.
Charger Resources
ca
la
lb
2
3
5
LEGEND
5 Late Felsic Intrusive Rocks
3 Mafic Intrusive Rock
2 Felsic - Intermediate Volcanics
la Mafic Volcanics Flow/Pillows
lb Mafic Volcanics Pyroclastics
ca Carbonate Alteration
Au Gold Showing
IPCO - DEL NORTE
JOINT VENTURE
ROWAN LAKE PROPERTY
District of Kenora, Ontario N.T.S. 52F/5
REGIONAL GEOLOGY
miles 1/4 0 1/4 1/2 miles
Figure 3

Drill holes RL 86 7A, RL 86 08, and RL 86 09 were all collared at 14+45W, 7+50N. These three holes were drilled at -45 degrees bearing S50 E, S25 E, and due south respectively. All holes were positioned to test the geometry and downward extension of a mineralized outcrop that consists of intermediate lapilli tuff located in close proximity to a gabbroic intrusion. Neither hole intersected mineralization equivalent to that observed on surface although a strongly silicified lapilli tuff similar to that hosting the gold mineralization on surface was encountered in RL 86 08 and RL 86 09. However, several geochemically anomalous zones were intersected within the gabbro. It has been determined that the intersected anomalous zones are attributable to very narrow mineralized quartz-feldspar veinlets. At this time, no further work is recommended on this target.

Drill holes RL 86 10 through RL 86 13 were drilled in the vicinity of RL 86 03, a hole drilled in February which intersected a wide alteration zone containing geochemically anomalous rock. Hole RL 86 10, located at 31+00E, 27+72N was drilled S15 E (grid south) at a vertical angle of -41 degrees and was positioned to test the westerly extension of the material intersected in RL 86 03. The hole collared in a mafic metavolcanic rock, and from 24.0 to 64.5 feet it cut through a gabbro locally containing an apple green micaceous alteration mineral. The mafic metavolcanic rock was again encountered from 64.5 to 93.0 feet, however, bleaching becomes evident towards 93.0 feet. A strongly bleached gold bearing unit containing locally silicified zones, sericitized zones, and some quartz veins was intersected between 93.0 and 241.3 feet. Highlights from this zone include: from 112.0 to 118.0 feet, a six foot zone containing 0.086 oz Au/ton, and; between 159.7 and 184.5 feet, a 25.9 foot wide zone containing 0.041 oz Au per ton which includes a 9.1 foot intersection of 0.08 oz Au per ton. Several other smaller anomalous intersections were encountered within this bleached and locally silicified unit. The hole re-enters the unaltered mafic metavolcanics at 241.3 feet.

Hole RL 86 11, located at 32+00E, 24+62N and drilled grid south at -60 degrees was positioned to undercut hole RL 86 03 by approximately 100 feet. As in hole RL 86 03, RL 86 11 collared in gabbro, however the altered gabbro containing the apple green micaceous mineral bifurcates and was intersected at 70.8 through 78.1 feet and again between 91.0 to 111.4 feet. The intensely bleached unit containing locally silicified zones, sericitized zones, and minor quartz veins was encountered between 111.4 through to 276.2 feet. However, the mineralization encountered within this hole was not as intense as that in RL 86 10. The highlights from this zone are from 139.0 to 143.0, a 4.0 foot intersection containing 0.024 oz Au/ton and between 155.0 and 183.9 feet, a 29.9 foot intersection containing 0.01 oz Au/ton. The hole re-enters the unaltered mafic metavolcanics at 276.2 feet.

Hole RL 86 12, located at 33+00E, 24+50N and drilled grid south (S15 E) at -45 degrees was positioned to test the easterly extension of the material intersected in RL 86 03. This hole also collared in gabbro however, the altered gabbro containing the apple green micaceous mineral was not encountered until 74.0 feet and continued to 86.3 feet. The intensely bleached unit containing locally silicified zones, sericitized zones, and minor quartz veins occurs between 86.3 through to 200.0 feet. Mineralization encountered in this hole was less intense than that encountered in RL 86 11. The most significant zone occurs between 127.8 feet and 140.0 feet, a 12.2 foot intersection containing 0.008 oz Au/ton. The hole re-enters the unaltered mafic units at 200.0 feet.

After a visual assessment of silicification and sulphide content in holes RL 86 10 through RL 86 12, it was decided to undercut hole RL 86 10 in an attempt to reproduce or improve upon its results. Therefore, RL 86 13 was collared at 31+00E, 24+72N and drilled grid south at -65 degrees for a total of 367.0 feet.

RL 86 13 collared in mafic metavolcanic rock however, it failed to intersect the altered gabbro observed in holes RL 86 03, 10, 11 and 12. The hole did intersect an intensely bleached unit containing locally silicified zones, sericitized zones and minor quartz veins between 119.8 through 294.6. Alteration within this hole was the least intense of the five holes drilled in this area. The most significant intersection occurs between 267.5 to 271.0 feet where a 3.5 foot intersection returned 0.134 oz Au/ton.

CONCLUSIONS AND RECOMMENDATIONS

A total of 2701 feet of diamond drilling was completed during October 1986. Drilling on the cliff zone (14+45W, 7+50N) returned negative results, and no further work is recommended on this target at this time. However, significant assay results were returned from drill holes RL 86 10 through RL 86 13 located on an island in the north east corner of the property.

The 150 foot wide alteration zone that was encountered in holes RL 86 10 through RL 86 13 and the associated gold mineralization intersected therein are suggestive of the alteration halo found around the Cameron Lake deposit presently being explored by Nuinsco Resources and Echo Bay Mines Limited. Exploration philosophy within this mining camp dictates that when definite halo material has been encountered, an intensive drill programme should be undertaken to define any zones of economic mineralization. Therefore, it is recommended that a 3000 foot minimum drill programme be initiated in January 1987 to test the significance of this extensive alteration zone.

Proposed drill hole locations, bearings, attitudes, and approximate hold lengths are listed as follows:

RL 87 01, 22+00N 30+50E bearing N 15 W at -45 for 500 feet
RL 87 02, 20+70N 32+00E bearing N 15 W at -45 for 600 feet
RL 87 03, 21+00N 33+00E bearing N 15 W at -45 for 500 feet
RL 87 04, 24+00N 36+00E bearing S 15 E at -45 for 300 feet
RL 87 05, 24+50N 32+50E bearing S 15 E at -45 for 300 feet
RL 87 06, 24+50N 32+50E bearing S 15 E at -65 for 330 feet
or alternative to RL 87 05 & RL 87 06
RL 87 05A, 25+30N 32+50E bearing S 15 E at -65 for 630 feet
RL 87 07, 24+50N 31+50E bearing S 15 E at -45 for 300 feet
RL 87 08, 24+50N 31+50E bearing S 15 E at -65 for 330 feet
or alternative to RL 87 07 & RL 87 08
RL 87 06A, 25+30N 31+50E bearing S 15 E at -65 for 630 feet.

It is also recommended that negotiations begin forthwith to acquire the mining claims immediately to the north and east of the Rowan Lake property so as to protect the down dip and strike extensions of this zone.

Also, enquiries should be made of Nuinsco as to the possibility of drilling a joint venture hole or holes along our common boundary with the intent of intersecting this new zone.

Respectfully Submitted

LORNE D. BURDEN
Nov. 21, 1986

Estimate of Costs

1987 Winter Programme

Phase I

1. Diamond Drilling	3000 ft. @ $38/ft. all inclusive	$114,000

Phase II

1. Diamond Drilling	a minimum of 3000 ft. @ $38/ft. all inclusive	$114,000

Total Estimate of Expenditures $228,000

REFERENCES

Burden, L.D. (1985a) — GEOLOGY AND SOIL GEOCHEMISTRY OF THE ROWAN LAKE PROPERTY, DISTRICT OF KENORA, 1984; unpublished report for Silver Lake Resources Inc.

Burden, L.D. (1985b) — THE 1985 DIAMOND DRILLING PROGRAMME ON THE ROWAN LAKE PROPERTY, DISTRICT OF KENORA, unpublished report for Silver Lake Resources Inc.

Burden, L.D. (1985c) — GEOLOGY AND SOIL GEOCHEMISTRY SURVEYS OF THE ROWAN LAKE PROPERTY DISTRICT OF KENORA, 1985; unpublished report for Silver Lake Resources Inc.

Burden, L.D. (1986a) — THE 1986 DIAMOND DRILLING PROGRAMME ON THE ROWAN LAKE PROPERTY, DISTRICT OF KENORA, unpublished report for Silver Lake Resources Inc.

Burden, L.D. (1986b) — THE 1986 REVERSE CIRCULATION OVERBURDEN DRILLING PROGRAMME ON THE ROWAN LAKE PROPERTY, DISTRICT OF KENORA; unpublished report for Silver Lake Resources Inc.

Burwash, E.M. (1933) — GEOLOGY OF THE KAKAGI LAKE AREA; O.D.M. Vol. 42, pt. 4, p.41-92 (published 1934). Accompanied by Map 425, 1 inch to 1 mile.

Davies, J.C. (1967) — ATIKWA LAKE AREA (east half) DISTRICT OF KENORA; O.D.M., Prelim. Map P388, Geol. Ser., 1 inch to 1/4 miles

Goodwin, J.R. (1984) — GEOPHYSICAL REPORT ON THE ROWAN LAKE PROPERTY FOR SILVER LAKE RESOURCES INC.; unpublished for Silver Lake Resources Inc.

Hunter, A.D. (1986) — THE ROWAN LAKE GOLD PROPERTY. A Property Evaluation to August 1986, and recommendations for Future Exploration; unpublished report for International Platinum Corporation.

Johnston, W.G.Q. (1960) — ATIKWA-CAVIAR LAKES AREA, DISTRICT OF KENORA; O.D.M., Prelim. Map P84 Geol. Ser., 1 inch to 1/2 mile.

Kaye, L. (1973) — ROWAN LAKE AREA, DISTRICT OF KENORA; O.D.M., Prelim. Map P832, Geol., Ser. 1 inch to 1/4 mile.

Thomson, Jas. E. (1935) — GEOLOGY OF THE ROWAN-STRAW LAKES AREA; O.D.M., Vol. 44, pt. 4, p.1-28 (published 1946). Accompanied by Map 44e, 1 inch to 1 mile.

PERSONAL DECLARATION

I, LORNE BURDEN, of 65 Hillside Drive, Apartment 402, East York, Ontario,

DO HEREBY CERTIFY THAT:

1. I am a consulting geologist.

2. I have worked in mineral exploration since 1979.

3. I am a graduate of the University of Toronto where I obtained a B.Sc. degree specializing in geological sciences in 1981.

4. I am a member of the Prospectors and Developers Association, and Associate Member of the Geological Association of Canada.

5. This report is based on personal examinations of the claim group in conjunction with a review of all available reports, maps and sections concerning the area.

DATED THIS 21st day of November, 1986.

APPENDIX 1

Laboratory Certificates

SWASTIKA LABORATORIES LIMITED

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

Certificate of Analysis

Certificate No. 64534 Date: October 22nd, 1986

Received Oct. 15th, 1986 117 Samples of Sludge

Submitted by International Platinum Corporation, Toronto, Ontario

SAMPLE NO. RL-86-07	GOLD PPB	SAMPLE NO.	GOLD PPB	SAMPLE NO.	GOLD PPB
17-27	Nil	37-47	40	337-347	Nil
27-37	Nil	47-57	10	347-357	Nil
37-47	Nil	57-67	30	357-367	10
47-57	30/30	67-77	Nil	367-277	10
57-67	20	77-87	10/Nil	377-287	Nil
67-77	Nil	87-97	10	387-397	10
77-87	30	97-107	Nil	397-407	20/40
87-97	10	197-207	Nil	407-417	10
97-107	Nil	207-217	Nil	417-427	20
107-117	Nil	217-227	Nil	427-437	10
117-127	Nil	227-237	Nil	437-447	Nil
127-137	Nil	237-247	Nil	447-457	Nil
137-147	Nil	247-257	Nil	457-467	10
147-157	Nil	257-267	Nil	467-477	Nil
157-167	Nil	267-277	30	477-487	Nil
167-177	Nil	277-187	Nil	487-497	Nil
177-187	Nil	287-297	40/30	497-507	Nil
187-197	10	297-307	10	RL-86-08	
RL-86-07A		307-317	40	17-27	30
17-27	20	317-327	10	27-37	30
27-37	Nil	327-337	Nil	37-47	70

Per G. Lebel - Manager

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Certificate No. 64534

SAMPLE NO.	GOLD PPB	SAMPLE NO.	GOLD PPB	SAMPLE NO.	GOLD PPB
47-57	170/310	247-257	Nil	77-87	30
57-67	Nil	257-267	10	87-97	20
67-77	Nil	267-277	750/770	97-107	20
77-87	Nil	277-287	Nil	107-127	Nil
87-97	Nil	287-297	Nil	127-137	Nil
97-107	Nil	297-307	Nil	137-147	Nil
107-117	Nil	307-317	Nil	147-157	Nil
117-127	Nil	317-327	Nil	157-167	Nil
127-137	Nil	327-337	Nil	167-177	Nil
137-147	Nil	337-347	Nil	177-187	Nil/Nil
147-157	Nil/10	347-357	Nil	187-197	Nil
157-167	Nil	RL-86-09		197-207	Nil
167-177	Nil	0-17	40	217-227	Nil
177-187	Nil	17-27	150/300	227-237	Nil
187-197	Nil	27-37	60	237-247	Nil
197-207	Nil	37-47	Nil	247-257	Nil
207-217	Nil	47-57	20		
217-227	Nil	57-67	240/130		
227-237	Nil	67-77	100		
237-247	Nil				

Per G. Lebel - Manager

SWASTIKA LABORATORIES LIMITED

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TELEPHONE: (705) 642-3244
ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

OCT 27 1986

Certificate of Analysis

Certificate No. 64517 Date: October 22nd, 1986

Received Oct. 15th, 1986 87 Samples of Split Core

Submitted by International Platinum Corporation, Toronto, Ontario Project # Rowan Lake

SAMPLE NO.	GOLD PPB	SAMPLE NO.	GOLD PPB	SAMPLE NO.	GOLD PPB
71051	Nil	71071	Nil	71091	70
71052	80/70	71072	Nil	71092	Nil
71053	100	71073	Nil	71093	Nil
71054	Nil	71074	Nil	71094	Nil
71055	Nil	71075	Nil	71095	Nil
71056	Nil	71076	Nil	71096	Nil
71057	Nil	71077	Nil	71097	10
71058	Nil	71078	Nil	71098	Nil
71059	Nil	71079	Nil	71099	Nil
71060	Nil	71080	Nil	71100	Nil
71061	Nil	71081	Nil	71101	Nil
71062	Nil	71082	Nil	71102	Nil
71063	Nil	71083	Nil	71103	10/20
71064	Nil	71084	Nil	71104	Nil
71065	Nil	71085	30/20	71105	Nil
71066	Nil	71086	Nil	71106	Nil
71067	Nil/Nil	71087	Nil	71107	Nil
71068	Nil	71088	Nil	71108	Nil
71069	Nil	71089	Nil	71109	Nil
71070	Nil	71090	Nil	71110	Nil

..... Con'd

Per G. Lebel - Manager

SWASTIKA LABORATORIES LIMITED

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

Certificate of Analysis

Certificate No. 64517

SAMPLE NO.	GOLD PPB
71111	Nil
71112	10
71113	Nil
71114	Nil
71115	Nil
71116	Nil
71117	Nil
71118	Nil
71119	Nil
71120	10
71121	Nil
71122	30/30
71123	10
71124	Nil
71125	10
71126	Nil
71127	Nil
71128	20
71129	80
71130	130/150
71131	10
71132	Nil
71133	Nil
71134	20
71135	Nil
71136	Nil
71137	10

Per G. Lebel
G. Lebel - Manager

ESTABLISHED 1928

SWASTIKA LABORATORIES LIMITED

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

Certificate of Analysis

Certificate No. 64591 Date: October 29th, 1986

Received Oct. 22nd, 1986 68 Samples of Split Core

Submitted by International Platinum Corporation, Toronto, Ontario

SAMPLE NO.	GOLD PPB	SAMPLE NO.	GOLD PPB	SAMPLE NO.	GOLD PPB
71161	Nil	71184	1370	71206	10
71162	30	71185	750	71207	Nil
71163	Nil	71186	5350/4850	71208	Nil
71164	Nil	Second Pulp	3090/3220	71209	20
71165	30	71187	1230	71210	Nil
71166	20	71188	70	71211	50
71167	30	71189	360	71212	Nil
71168	4180/4460/	71190	110	71213	Nil
Second Pulp	4320/3770	71191	620	71214	20
71169	340	71192	40	71215	100
71170	10	71193	20	71216	40
71171	Nil	71194	510/690	71217	100
71172	Nil	71195	70	71218	90
71173	Nil	71196	290	71219	200
71174	Nil	71197	90	71220	60
71175	680/410	71198	30	71221	10
71176	60	71199	100	71222	Nil
71177	Nil	71200	20	71223	30
71178	10	71201	30	71224	Nil
71179	Nil	71202	70	71225	670/1030
71180	30	71203	80	71226	Nil
71181	690	71204	70/70	71227	10
71182	540	71205	Nil	71228	Nil
71183	880				

Per G. Lebel - Manager

SWASTIKA LABORATORIES LIMITED

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

Certificate of Analysis

Certificate No. 64633 Date: October 31st, 1986

Received Oct. 25th, 1986 111 Samples of Split Core

Submitted by International Platinum Corporation, Toronto, Ontario

SAMPLE NO.	GOLD PPB	SAMPLE NO.	GOLD PPB	SAMPLE NO.	GOLD PPB
71229	210	71249	290	71269	10
71230	750	71250	40	71270	Nil
71231	340	71251	30	71271	30
71232	340	71252	130	71272	100
71233	300	71253	Nil	71273	270
71234	310	71254	10	71274	Nil
71235	690/890	71255	Nil	71275	Nil
71236	240	71256	Nil	71276	20
71237	Nil	71257	Nil	71277	30
71238	20	71258	Nil	71278	20
71239	160	71259	240/250	71279	430/520
71240	Nil	71260	Nil	71280	100
71241	30	71261	Nil	71281	350
71242	170/140	71262	Nil	71282	380
71243	30	71263	Nil	71283	Nil
71244	220	71264	100	71284	Nil
71245	40	71265	30	71285	Nil
71246	30	71266	Nil	71286	20
71247	40	71267	50	71287	100
71248	10	71268	170/160	71288	70

..... Con'd

Per G. Lebel
G. Lebel - Manager

SWASTIKA LABORATORIES LIMITED

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

Certificate No. 64633

Certificate of Analysis

SAMPLE NO.	GOLD PPB
71289	790/830
71290	170
71291	20
71292	70
71293	60
71294	20
71295	Nil
71296	Nil
71297	Nil
71298	Nil
71299	Nil
71300	40
71301	Nil
71302	Nil
71303	10
71304	Nil
71305	Nil
71306	Nil
71307	30
71308	680/640
71309	10
71310	Nil
71311	30
71312	20
71313	30
71314	110/140

SAMPLE NO.	GOLD PPB
71315	70
71316	10
71317	10
71318	90
71319	Nil
71320	Nil
71321	Nil
71322	Nil
71323	Nil
71324	Nil
71325	Nil
71326	Nil
71327	Nil
71328	60
71329	30
71330	Nil
71331	30
71332 Second Pulp	5280/5210 4110/3910
71333	Nil
71334	100
71335	30
71336	Nil
71337	Nil
71338	Nil
71339	Nil

Per G. Lebel
G. Lebel - Manager

APPENDIX 2

Diamond Drill Logs, Sections, and Plan Maps

ROWAN LAKE PROJECT

GEOLOGY

LEGEND

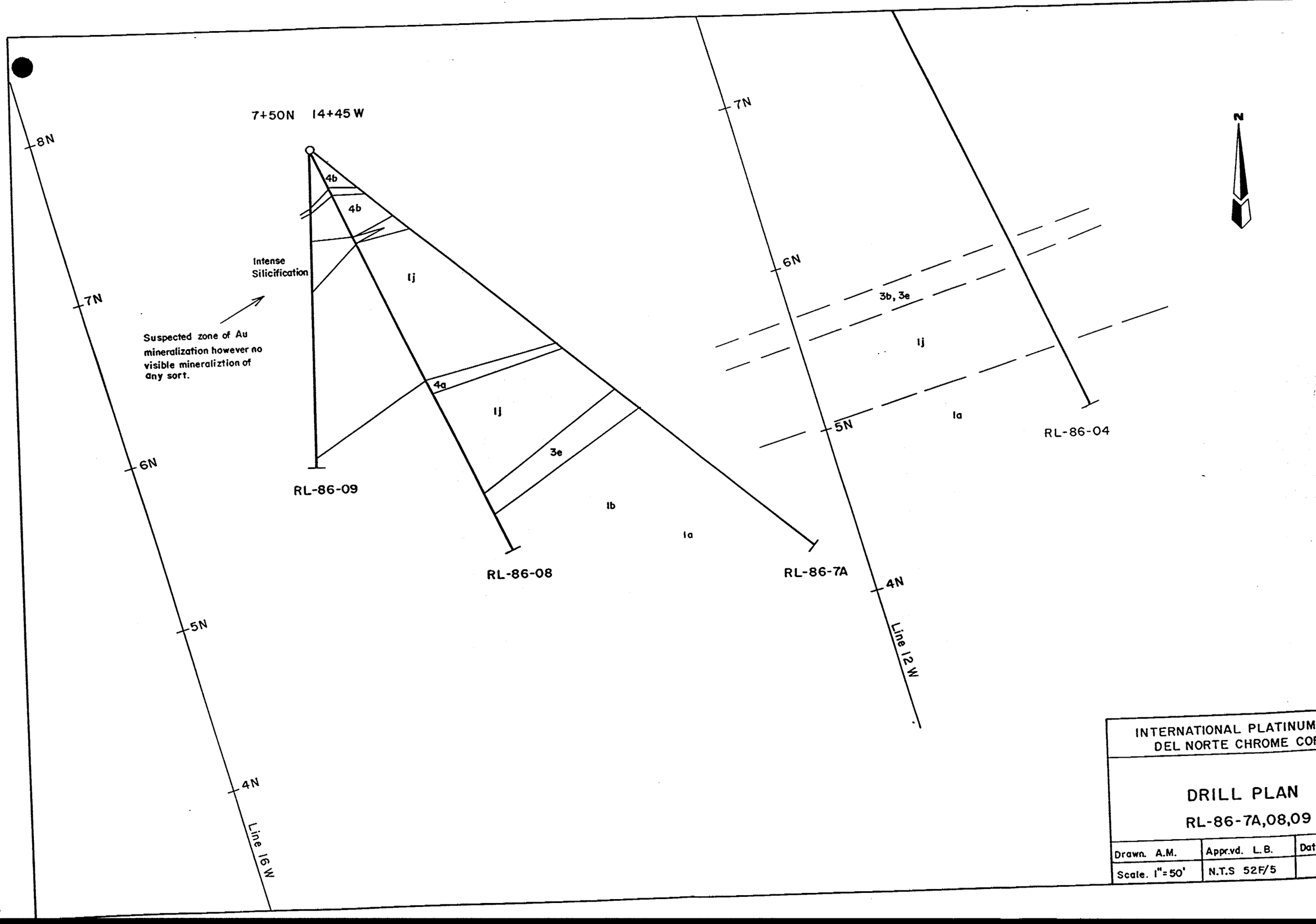
5 Felsic Intrusives
- a) unsubdivided granitic rocks

4 Mafic Instrusives
- a) unsubdivided
- b) gabbro
- c) talcose gabbro - ultramafic
- d) sheared gabbro

3 Felsic Metavolcanics
- a) unsubdivided
- b) tuff
- c) lapilli tuff
- d) quartz feldspar porphyry
- e) chert

2 Intermediate Metavolcanics
- a) unsubdivided
- b) massive
- c) porphyritic
- d) amygduloidal
- e) tuff
- f) lapilli tuff
- g) tuff breccia
- h) chemical interflow sediments
- i) quartz sericite schist
- j) pillow
- k) pillow breccia
- l) blue quartz eye porphyry

1 Mafic Metavolcanics
- a) unsubdivided
- b) massive
- c) pillowed
- d) pillow breccia
- e) foliated
- f) porphyritic
- g) amygduloidal
- h) visicular
- i) tuff
- j) lapilli tuff
- k) tuff breccia
- l) chemical interflow sediments
- m) hornfelsic
- n) sericite schist
- o) chlorite schist
- p) flow breccia



INTERNATIONAL PLATINUM CORP.
DEL NORTE CHROME CORP.

DRILL PLAN
RL-86-7A,08,09

Drawn. A.M.	Appr.vd. L.B.	Date. Nov. 86
Scale. 1"=50'	N.T.S 52F/5	

Ministry of Northern Development and Mines

Ontario

Diamond Drilling Log

Complete this form and related sketch in duplicate. Fill in on every page

Hole No. RL 86 07 | Page No. 1

Drilling Company: Morissette Canada Inc.	Collar Elevation:	Bearing of hole from true North: S 50° E	Total Footage: 112'	Dip of Hole at: Collar -45°	Address/Location where core stored: 24+00N 32+00E, Claim K690673
Date Hole Started: Oct. 6, 1986	Date Completed: Oct. 7, 1986	Date Logged: Oct.8/86	Logged by: L. Burden	Ft. °	Map Reference No.: 52 F/5
Exploration Co., Owner or Optionee: International Platinum Corporation		Date Submitted:	Submitted by (Signature):	Ft. °	Claim No.: K690799
				Ft. °	Location (Twp., Lot, Con. or Lat. and Long.): Rowan Lake Area 7+50N 14+45W
				Ft. °	Property Name: Rowan Lake

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle °	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au(ppb)		
0.0	8.0	Overburden	Boulders									
						* Hole terminated by drill foreman						
8.0	36.0	Gabbro	Green, fine to med. grained, strongly carbonatized, lacks			after drill rods fused and broke						
			magnetic attraction, trace euhedral pyrite <1/20 inches in			off in the hole						
			diameter, not foliated.									
36.0	37.1	Bleached Gabbro	Beige to pale green, fine grained, lacks magnetic attraction			71051	36.0	37.1	1.1	nil		
		w Fault Gouge	no sulphides, small band of fault gouge at 36.0-36.3 no carbonate			71052	52.3	54.3	2.0	75		
						71053	54.3	56.8	2.5	100		
37.1	52.3	Gabbro	Same as 8.0 to 36.0			71054	92.8	94.8	2.0	nil		
						71055	94.8	97.0	2.2	nil		
52.3	56.8	Breccia	Light green, fine grained to aphanitic, very strongly carbonatized			71056	97.0	100.0	3.0	nil		
			very faintly magnetic, very finely disseminated anhedral pyrite,			71057	104.0	107.0	3.0	nil		
			foliated at 45° tca, contains two small pink feldspar veinlets,									
			lithified fault breccia									
56.8	86.4	Gabbro	Same as 8.0 to 36.0									
86.4	94.8	Gabbro	Similar to 8.0 to 36.0, aphanitic to fine grained, slightly darker									
			green									
94.8	112.0	Intermediate	Grey, aphanitic, no magnetic attraction, absolutely no carbonate									
		Lapilli Tuff	contact with gabbro knife sharp @ 50° tca, lapilli bedded @ 45°									
			tca, lapilli appears to be cherty and stretched but									
			generally less than 2" in length, rock is extremely hard, no									
			visible sulphides									
	112.0	EOH										

† Additional results available. See Assessment Work Regulation

Ministry of Northern Development and Mines

Ontario

Diamond Drilling Log

Complete this form and related sketch in duplicate. Fill in on every page

Hole No. RL 86 7A | Page No 1

Drilling Company: Morissette Canada Inc.	Collar Elevation	Bearing of hole from true North: S 50° E	Total Footage: 507'	Dip of Hole at: Collar -45°; 250 Ft. -42°; 507 Ft. -36°; Ft.; Ft.	Address/Location where core stored: 24+00N 32+00E; Claim K690673
Date Hole Started: Oct. 8/86	Date Completed: Oct. 10, 1986	Date Logged: Oct 9-10	Logged by: L. Burden		
Exploration Co., Owner or Optionee: International Platinum Corporation		Date Submitted	Submitted by (Signature)		

Map Reference No.: 52F/5	Claim No.: K690799	
Location (Twp., Lot, Con. or Lat. and Long.): Rowan Lake Area 7+50N 14+45W		
Property Name: Rowan Lake		

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle °	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au(ppb)
0.0	8.0	Overburden	Boulders			71058	93.9	97.0	3.1	nil
						71059	97.0	102.0	5.0	nil
8.0	35.2	Gabbro	Green, fine to medium grained, strongly carbonatized, lacks magnetic attraction, trace euhedral pyrite <1/20" in diameter, not foliated, (4' ground core)			71060	102.0	107.0	5.0	nil
						71061	114.0	117.0	3.0	nil
						71062	124.0	127.0	3.0	nil
						71063	129.4	130.7	1.3	nil
35.2	36.1	Bleached Gabbro	Beige to pale green, fine grained to aphanitic, no magnetic attraction, no visible sulphides, no carbonate			71064	130.7	131.1	0.5	nil
						71065	131.1	132.1	1.0	nil
						71066	138.2	141.2	3.0	nil
36.1	52.0	Gabbro	Same as 8.0 - 35.2			71067	160.0	162.0	2.0	nil
						71068	187.0	189.1	2.1	nil
52.0	55.9	Shear & Fault Breccia	Light green to green, very strongly carbonatized, faintly magnetic very finely disseminated anhedral pyrite, variable foliation			71069	195.0	197.0	3.0	nil
						71070	227.0	230.0	3.0	nil
						71071	230.0	233.2	3.2	nil
55.9	89.0	Gabbro	Same as 8.0 - 35.2 contains two small feldspar veinlets at 58.3 & 58.7 bounded by disseminated euhedral pyrite			71072		233.8	0.6	nil
						71073		237.0	3.2	nil
						71074		240.0	3.0	nil
						71075		241.0	1.0	nil
89.0	93.9	Gabbro	Similar to 8.0 - 35.2, aphanitic to fine grained, slightly darker green			71076		245.0	4.0	nil
						71077	263.8	267.0	3.2	nil
						71078		269.3	2.3	nil
93.9	107.0	Intermediate Lapilli Tuff	Grey, aphanitic, very hard, no carbonate no visible sulphides, no magnetic attraction, lapilli fragments <1/2 inchin length, are generally light grey to beige, bedding @ 45° tca, locally within laminae occur micro qtz veins with silicified alteration haloes up to ½ inch in width core fractured ⊥ to foliation, fracture faces stained red			71079	289.8	292.5	2.7	nil
						71080		293.3	0.8	nil
						71081		297.0	3.7	nil
						71082		299.9	2.9	nil
						71083		301.4	1.5	nil
						71084		302.2	0.8	nil
						71085		302.7	0.5	25
						71086		305.5	2.8	nil
						71087		307.5	2.0	nil
						71088		310.0	2.5	nil
						71089	321.6	325.0	3.4	nil
						71090		330.0	5.0	nil

783 (85/12)

* Additional credit available. See Assessment Work Regulatio

Ministry of Northern Development and Mines
Ontario

Diamond Drilling Log

Complete this form and related sketch in duplicate. Fill in on every page

Hole No. RL 86 7A | Page No. 2

Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Address/Location where core stored	Map Reference No.	Claim No.
					Collar			
Date Hole Started	Date Completed	Date Logged	Logged by		Ft. °		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		Ft. °			
					Ft. °		Property Name	
					Ft. °			

Footage From	Footage To	Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle °	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au(ppb)		
107.0	120.3	Intermediate Lapilli Tuff	Similar to 93.9 - 107.0, lapilli fragments are larger and more abundant, lacks micro veinlets			71091	330.0	335.0	5.0	nil		
						71092		339.4	4.4	nil		
						71093		345.0	5.6	nil		
120.3	130.7	Intermediate Lapilli Tuff	Same as 93.9 - 107.0, however it lacks microveinlets			71094	345.0	350.0	5.0	nil		
						71095		355.0	5.0	nil		
						71096	383.2	387.0	3.8	nil		
130.7	131.1	Qtz Vein	White coarse grained, contains hematized feldspar x/s, no visible sulphides, no carbonate, no magnetic attraction			71097		390.0	3.0	nil		
						71098		394.4	4.4	nil		
						71099	430.2	432.3	2.1	nil		
131.1	138.2	Intermediate Lapilli Tuff	Same as 120.3 - 130.70			71100	483.2	487.0	3.8	nil		
						71101	380.0	381.9	1.9	nil		
						71102	381.0	383.2	2.2	nil		
138.2	156.5	Mafic Lapilli Tuff	Green to greyish green locally chloritic, soft, no magnetic attraction, no carbonate, no visible sulphides, strongly fractured at various angles, fracture planes are very rusty, appears to be matrix supported, bedding at 50° tca									
156.5	162.0	Mafic Lapilli Tuff	Similar to 138.2 - 156.2, locally hematitic straining occurs throughout the rock - probably feldspars are being altered									
162.0	175.5	Mafic Lapilli Tuff	Similar to 138.2 - 156.5, less chlorite, hard, not fractured									
175.5	187.7	Mafic Lapilli Tuff	Grey-green, aphanitic hard, no carbonate no magnetic attraction, bedding @ 50° tca, trace sulphides									
187.7	189.1	Mafic Lapilli Tuff	Similar to 175.5 - 187.7, slightly bleached, many microveinlets of white mineral possibly a feldspar.									
189.1	197.0	Mafic Lapilli Tuff	Same as 175.5 - 187.7									

* Additional credit available. See Assessment Work Regulation

Ministry of Northern Development and Mines

Ontario

Diamond Drilling Log

Complete this form and related sketch in duplicate. Fill in on every page

Hole No. RL 86 7A | Page No. 3

Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Address/Location where core stored	Map Reference No.	Claim No.
					Collar °			
Date Hole Started	Date Completed	Date Logged	Logged by		Ft. °		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		Ft. °			
					Ft. °		Property Name	
					Ft. °			

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle °	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays †		
197.0	219.2	Mafic Lapilli Tuff	Greyish-green, aphanitic, fragments are pea sized and composed of chert, appears almost porphyritic, no magnetic attraction, minor carbonate, contains minor amounts of biotite as ground mass, bedding at 45° tca, trace sulphides									
219.2	221.2	Mafic Lapilli Tuff	Similar to 197.0 - 219.2, appears to be slightly more felsic, contains minor hairline fractures filled with hematite stain									
219.2	240.0	Mafic Lapilli Tuff	Greyish-brown, aphanitic, contains pea sized chert fragments, brownish colour due to biotitic matrix, locally carbonatized 1-2% diss py. po, locally 3-5% diss py. po, nil to faint magnetic attraction, bedding at 45° tca 233-233.8 Qtz vein glassy white, 3-5% diss py									
240.0	241.0	Chert	Dark grey, aphanitic, very hard, conchoidal fracture, no carbonate, no magnetic attraction, no visible sulphides, both contacts are at 45° tca									
241.0	255.0	Mafic to Intermediate Lapilli Tuff	Bluish Grey, aphanitic, bedding @ 45° tca, 1% diss py, no carb no mag, trace biotite in matrix. fragments are pea sized and cherty									
255.0	261.6	Mafic Flow (Dyke)	Green, massive, aphanitic to fine grained, no carbonate, no mag, attraction, no sulphides, upper contact 45°, lower contact @ 80° tca, both are knife sharp with no visible alteration									
261.6	263.8	Mafic to Intermediate Lapilli Tuff	Same as 241.0 - 255.0									

† Additional credit available. See Assessment Work Regulation

Ministry of Northern Development and Mines

Ontario

Diamond Drilling Log

Complete this form and related sketch in duplicate.

Fill in on every page → Hole No. RL 86 7A | Page No. 4

Drilling Company	Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Address/Location where core stored	Map Reference No.	Claim No.
Date Hole Started / Date Completed	Date Logged	Logged by		Collar / Ft. / Ft. / Ft. / Ft.		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee	Date Submitted	Submitted by (Signature)				Property Name	

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays †		
263.8	269.3	Felsic Lapilli Tuff	Very light grey, cherty appearance, aphanitic, very hard, beddy @ 45° tca, 1% diss py, no carbonate, no magnetic attraction									
269.3	289.8	Mafic Lapilli Tuff	Same as 219.2 - 240.0									
289.8	307.5	Mafic to Intermediate Lapilli Tuff	Green, fine to medium grained, carbonatized soft, bluish green colour when wet, 1-2% diss py.po, locally 3-5% diss py.po, local magnetic attraction, bedding @ 50° tca 292.5 - 293.3 Qtz Vein, glossy white, 2-3% diss py.po 299.9 - 301.4 Qtz Vein, as above 302.3 - 302.7 Qtz Vein, as above									
307.5	321.6	Mafic to Intermediate Lapilli Tuff	Same as 219.2 - 240.0									
321.6	339.4	Chert	Variegated white to black laminae less than 1 inch in width, bedding @ 45° tca, minor carbonate, very hard, no magnetic attraction, trace sulphides									
339.4	381.9	Mafic Tuff	Dark grey-black aphanitic, variegated, laminae @ 50° to 50° with depth, thinly laminated soft carbonatized, graphitic, 1-2% diss euhedral pyrite, carbonatized									
381.9	393.2	Qtz Vein	Bluish White, green fragments of wall rock 1-2% diss py, very hard, carbonatized									
383.2	394.4	Chert & Intermediate Lapilli Tuff	Greyish-green, no carbonate, very hard bedding at 60° tca, faint magnetic attraction, 2-3% diss po.py in tuff layers									

783 (85/12)

* Foliation, bedding, schistosity measured from the long axis of the core

† Additional credit available. See Assessment Work Regulations

Ministry of Northern Development and Mines

Ontario

Diamond Drilling Log

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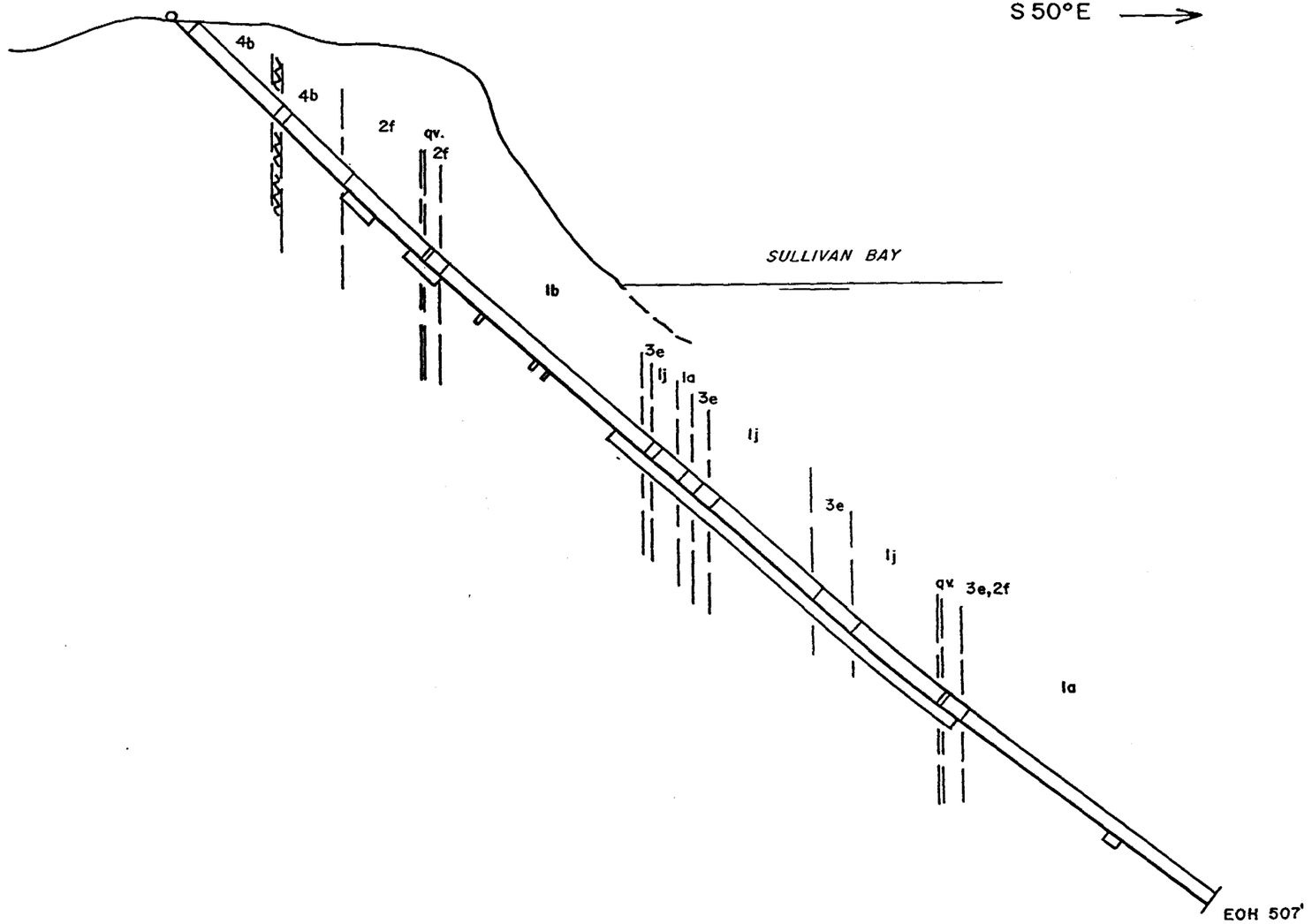
Hole No. RL 86 7A | Page No 5

Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Address/Location where core stored	Map Reference No.	Claim No.
					Collar			
Date Hole Started	Date Completed	Date Logged	Logged by		Ft. °		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		Ft. °			
					Ft. °		Property Name	
					Ft. °			

Footage From	Footage To	Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle °	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays †
394.4	483.2	Mafic Flow	Greyish green, aphanitic to fine grained, some carbonate, no magnetic attraction, amssive, <1% py-po							
			330.2 - 332.3 flow breccia							
483.2	495.2	Mafic Flow	Similar to 394.4 - 483.2, contains many small microveinlets and fractures with bleached alteration haloes fractures contain hematitic staining							
496.4	499.0	Mafic Flow	Similar to 483.2 - 495.2; very blocky core probably due to recent fracturing							
499.0	507.0	Mafic Flow	Same as 483.2 - 495.2							
	507.0	EOH								

RL-86-7A
7+50N 14+45W

S 50°E →



Assays in ppb Au
0 - 100
101 - 500
>500

INTERNATIONAL PLATINUM CORP. - DEL NORTE CHROME CORP.

ROWAN LAKE J.V.

DRILL SECTION RL.86.7A

(LOOKING EAST)

Drawn by A.M.	Apprvd by L.B.	Date Oct, 1986
Scale 1"=50'	N.T.S. 92F/5	

Ministry of Northern Development and Mines

Ontario

Diamond Drilling Log

Complete this form and related sketch in duplicate. Fill in on every page

Hole No. RL 86 08 | Page No. 1

Drilling Company	Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Address/Location where core stored	Map Reference No.	Claim No.
Morissette Canada Inc.		S 25° E	357.0	Collar -45	24+00N 32+00E	52F/5	K690799
Date Hole Started: Oct. 10/86	Date Completed: Oct 11/86	Date Logged: Oct. 12/86	Logged by: L. Burden	175 Ft. -42	Claim K690673	Location (Twp., Lot, Con. or Lat. and Long.): Rowan Lake Area 7+50N 14+45W	
Exploration Co., Owner or Optionee: International Platinum Corporation		Date Submitted	Submitted by (Signature)	357 Ft. -40		Property Name: Rowan Lake	
				Ft.			
				Ft.			

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au(ppb)
0.0	7.0	Overburden	Boulders			71103	10.1	15.0	5.0	15
						71104	15.0	15.7	0.7	nil
7.0	10.0	Gabbro	Green, fine to medium grained, carbonatized, no magnetic attraction			71105	15.7	17.3	1.6	nil
			massive, trace euhedral py			71106	33.5	37.0	3.5	nil
						71107	80.6	82.0	1.4	nil
10.0	17.3	Gabbro	Green, fine to medium grained, carbonatized, massive no magnetic			71108	82.0	85.7	3.7	nil
			attraction, several qtz-carbonate veinlets, 1-2% euhedral			71109	85.7	89.2	3.5	nil
			disseminated pyrite.			71110	89.2	89.7	0.5	10
			15.0 - 15.7 Qtz Carb vein, white with no visible sulphides			71111	89.7	95.0	5.3	nil
						71112		99.8	4.8	nil
17.3	33.5	Gabbro	Same as 7.0 - 10.0			71113		100.7	0.9	nil
						71114		105.0	4.3	nil
33.5	37.0	Sheared Gabbro	Light Green, strongly carbonatized, shearing @ 25-35° tca, no			71115		108.0	3.0	nil
			magnetic attraction, no visible sulphides, minor hematitic			71116		108.3	0.3	nil
			staining.			71117		111.0	2.7	nil
						71118	108.3	122.0	3.0	nil
37.0	54.2	Gabbro	Similar to 17.3 - 33.5, however it is locally strongly foliated			71119	119.0	126.0	4.0	nil
			at varying angles between 20-40° tca			71120		126.3	0.3	10
						71121	126.3	127.0	0.7	nil
54.2	60.5	Gabbro	Green, fine to medium grained, porphyritic, massive, carbonatized			71122	154.4	154.7	0.3	30
			no visible sulphides, no magnetic attraction, feldspar phenocrysts			71123	172.0	172.4	0.4	10
			1/4" anhedral			71124	179.5	180.0	0.5	nil
						71125	207.0	209.8	2.8	10
60.5	80.6	Gabbro	Same as 7.0 - 10.0			71126	209.8	215.0	5.2	nil
						71127	215.0	220.5	5.5	nil
80.6	82.0	Gabbro	Similar to 60.5 - 80.6 however aphanitic			77128	266.0	268.0	2.0	20
						71129	268.0	270.7	2.7	80
						71130	270.7	274.1	3.4	140

783 (85/12)

* Additional credit available. See Assessment Work Regulatio

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Ontario

Diamond Drilling Log

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Hole No. RL 86 08 | Page No. 2

Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Address/Location where core stored	Map Reference No.	Claim No.
					Collar °			
Date Hole Started	Date Completed	Date Logged	Logged by		Ft. °		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		Ft. °			
					Ft. °		Property Name	
					Ft. °			

Footage From	Footage To	Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle °	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au(ppb)
82.0	85.7	Silicified Lapilli Tuff	Redish-brown, aphanitic, very hard, bedding @ 60° tca, contact with gabbro knife sharp @ 55° tca, erratic qtz. microveinlets, red colouration appears to be due to hematitic staining synchronous with silicification and probably with emplacement of gabbro, no carbonate, no magnetic attraction, no visible sulphides			71131	274.1	277.0	2.9	10
						71132	277.0	280.0	3.0	nil
						71133	280.0	285.0	5.0	nil
						71134	285.0	288.8	3.8	20
						71135	315.5	316.0	0.5	nil
						71136	334.0	337.0	3.0	nil
85.7	100.7	Lapilli Tuff (Silicified)	Similar to 92.0 - 85.7; however, lacks strong reddish-brown colouration and locally contains intensely silicified bands similar to 93.9 - 107.0 in hole RL 86 7A (brownish green in colour) 89.2 - 89.7 Intensely silicified bands of lapilli tuff 99.8 - 110.7 Hematized qtz veinlets hosted by lapilli tuff			71137	347.0	350.0	3.0	10
100.7	127.0	Lapilli Tuff (Intermediate)	Similar to 85.7 - 100.7; however, it lacks the intensely silicified banks, contains several small qtz veinlets bedding between 50-60° tca 108.0 - 108.3 Qtz veinlet - trace tourmaline 126.0 - 126.3 Qtz veinlet - feldspar alt halo 1/8 inches brownish green colour							
127.0	147.0	Mafic Lapilli Tuff	Greyish Green aphanitic, hard, no magnetic attraction, no carbonate, bedding variable between 50-65° tca, fragments are of light grey chert <1" in length, no visible sulphides							
147.0	154.4	Mafic Lapilli Tuff	Similar to 127.0 - 147.0; however, core is very blocky with hematitic staining on fracture planes 154.4 - 154.7 qtz tourmaline vein, no visible sulphides							
154.4	163.0	Mafic Lapilli Tuff	Similar to 127.0 -147.0; however, unit contains two small gabbro dykes @ 156.0 - 158.7 160.7 - 163.0							

† Additional credit available. See Assessment Work Regulation

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Diamond Drilling Log

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Hole No. RL 86 08 | Page No. 3

Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at Collar	Address/Location where core stored	Map Reference No.	Claim No.
Date Hole Started	Date Completed	Date Logged	Logged by		Ft.		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		Ft.		Property Name	

Footage From	Footage To	Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle °	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays †
163.0	209.8	Mafic-Intermediate Lapilli Tuff	Bluish-grey aphanitic, pea sized fragments of a light grey cherry material, bedding @ 45-55° tca, hard, no carbonate, minor amounts of biotite as ground mass material, 207.0 - 209.8 contains disseminated euhedral py 2-3% 172.0 - 172.4 Qtz vein, pristine white with no sulphides 179.5 - 180.0 Qtz vein bluish white, 1% diss py, tr tourmaline							
209.8	220.5	Mafic Dyke (Gabbro)	Green, fine grained to aphanitic, soft, contains several qtz veinlets cross cutting core axis at the perpendicular, qtz carb microveinlets cross cut core axis at 25-30°, 1% very fine euhedral pyrite disseminated throughout, little carbonate, lacks magnetic attraction, both contacts knife sharp @ ~45° tca							
220.5	266.0	Mafic-Intermediate Lapilli Tuff	Bluish-grey, euphamatic, primarily pea sized fragments, however, some are 1.5 inches in length, bedding @ 45-55° tca, hard, minor carbonate, minor amounts of biotite & chlorite as matrix material trace, py							
266.0	270.7	Bleached Mafic-Intermediate Lapilli Tuff	Greyish green, aphanitic, bedding @ 45° tca, no magnetic attraction, soft, minor carbonate, trace py, several carbonate microveinlets running parallel to core axis							
270.7	274.1	Quartz Vein	Bluish-Grey, coarse grained many fragments of wall rock minor carbonate hard, trace tourmaline, 2-3% pyrite blades forming along, quartz fractures looks like excellent vein to host Au, however we must wait for assay results							
274.1	277.0	Bleached Mafic to Intermediate Lapilli Tuff	Same as 266.0 - 270.7							

† Additional credit available. See Assessment Work Regulation

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Diamond Drilling Log

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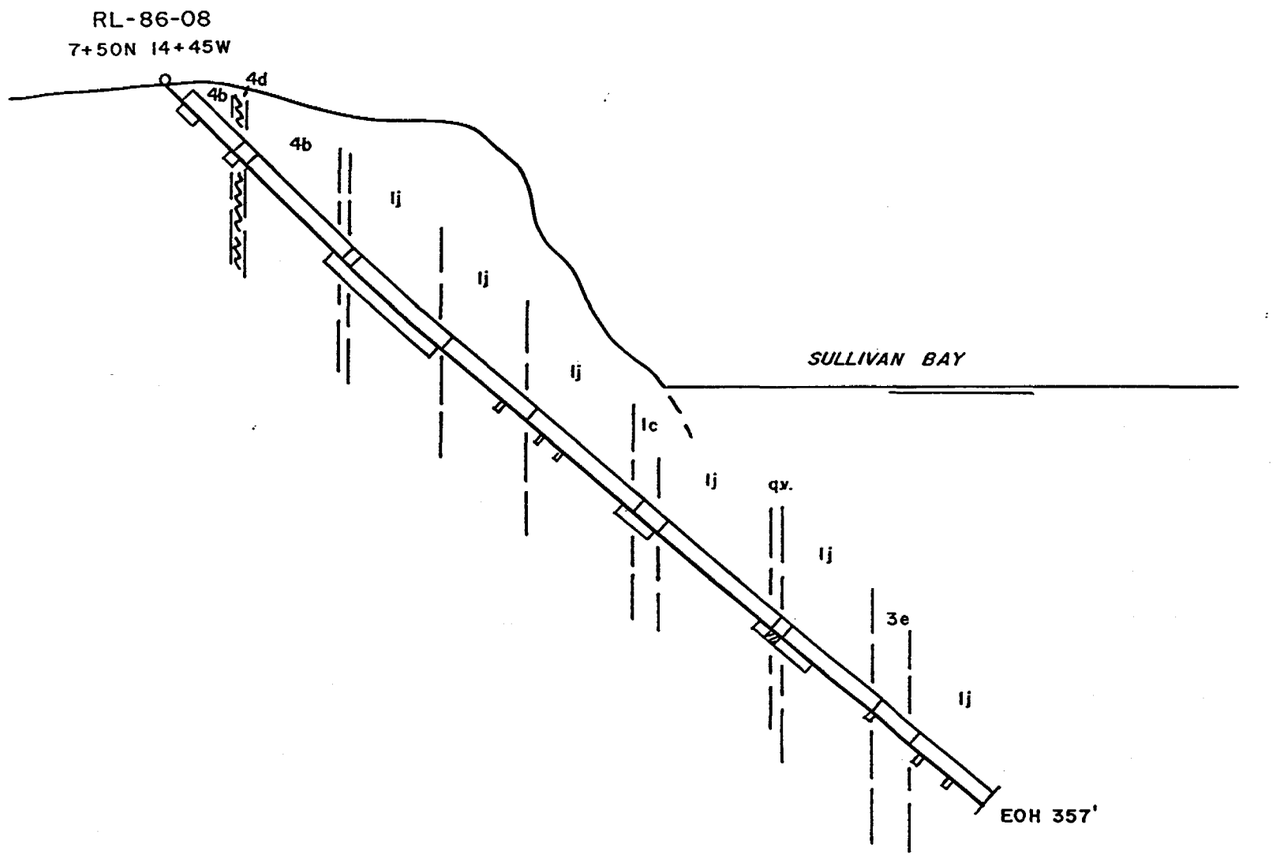
Hole No. RL 86 08 | Page No 4

Drilling Company	Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at Collar	Address/Location where core stored	Map Reference No.	Claim No.
Date Hole Started / Date Completed	Date Logged	Logged by		Ft. °		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee	Date Submitted	Submitted by (Signature)		Ft. ° / Ft. ° / Ft. °		Property Name	

Footage From	Footage To	Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle °	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays †
277.0	288.8	Bleached Mafic to Intermediate Lapilli Tuff	Similar to 266.0 - 270.7; however, greenish white in colour and contains disseminated anhedral masses of po. 2-3%							
188.8	308.4	Mafic to Intermediate Lapilli Tuff	Same as 220.5 - 266.0							
308.4	325.3	Chert	Variegated with various shades of grey & greenish grey laminae aphanitic, no carbonate, no magnetic attraction, no visible sulphides, extremely hard with conchoidal fracture, bedding @ 50° tca, dark laminae probably due to graphite, maximum width of laminae is 1/4 inch							
305.3	357.0	Mafic Tuff	Dark grey-black, variegated, laminae <1/8 inches, bedding @ 50-55° tca, no magnetic attraction, 1-2% disseminated sulphides unit rich in graphite.							
	357.0	EOH								

† Additional graph available. See Assessment Work Regulation

S25E →



Assays in ppb Au

0 - 100

101 - 500

>500

INTERNATIONAL PLATINUM CORP. DEL NORTE CHROME CORP.		
ROWAN LAKE J.V. DRILL SECTION RL-86-08 (LOOKING EAST)		
Drawn by A.M.	Apprv'd. L.B.	Date Oct. 1986
Scale 1"=50	N.T.S. 52F/5	

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Ontario

Diamond Drilling Log

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Hole No. RL 86 09 | Page No. 1

Drilling Company: Morissette Canada Inc.	Collar Elevation	Bearing of hole from true North: Due South	Total Footage: 257.0	Dip of Hole at: Collar -45	Address/Location where core stored: 24+00N 32+00E, Calim K690673
Date Hole Started: Oct. 12/86	Date Completed: Oct. 12/86	Date Logged: Oct. 13/86	Logged by: L. Burden	257 Ft. -40	Map Reference No.: 52F/5
Exploration Co., Owner or Optionee: International Platinum Corporation		Date Submitted	Submitted by (Signature)	Ft. / Ft.	Claim No.: K690799
					Location (Twp., Lot, Con. or Lat. and Long.): Rowan Lake Area 7+50N 14+45W
					Property Name: Rowan Lake

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle °	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au(ppb)	Assays †
0.0	6.0	Overburden	Boulders			71138	26.4	29.0	2.6	230	222
						71139	57.1	58.8	1.7	130	
6.0	26.4	Gabbro	Green, fine grained, strongly carbonatized, soft, lacks foliation			71140	58.8	62.1	3.3	100	
			lacks magnetic attraction, contains fine grained euhedral			71141	62.1	64.6	2.5	nil	
			diss pyrite x/s, <1% py			71142	64.6	65.9	1.3	nil	
						71143	65.9	67.2	1.3	nil	
26.4	29.0	Gabbro	Similar to 6.0 - 26.4; however, unit contains three qtz-feldspar			71144	67.2	70.5	3.3	nil	
			veinlets and 1-2% disseminated euhedral py			71145	70.5	74.0	3.5	nil	
						71146	74.0	77.0	3.0	30	
29.0	51.2	Gabbro	Same as 6.0 - 26.4			71147	77.0	80.0	3.0	nil	
						71148	80.0	83.0	3.0	nil	
51.2	53.7	Sheared Gabbro	Green, aphanitic, strongly carbonatized, soft, some shear planes			71149	83.0	86.0	3.0	nil	
			rich in fault gouge, strongly foliated at 55° tca, no visible			71150	86.0	89.0	3.0	nil	
			sulphides, no magnetic attraction			71151	89.0	92.0	3.0	10	
						71152	92.0	95.0	3.0	20	
53.7	62.1	Gabbro	Same as 6.0 - 26.4; however, contains a 1" wide quartz tourmaline			71153	95.0	98.0	3.0		
			vein at a very low angle tca, between 57.1 - 58.8, this vein			71154	98.0	101.0	3.0		
			contains 1% diss py in anhedral masses.			71155	101.0	104.0	3.0		
						71156	104.0	107.0	3.0		
62.1	64.6	Altered Gabbro	Very light green bleached appearance, carbonatized, hard, zones			71157	107.0	112.0	3.0	10	
			of bleached intensely altered rock run at 30° tca, these			71158	112.0	115.5	3.0	nil	
			intensely altered zones are 0.1 to 0.3 feet wide, no visible			71159	115.5	118.0	3.0	20	10
			sulphides, no magnetic attraction			71160	130.1	131.7	3.0	nil	
64.6	65.9	Gabbro	Same as 6.0 - 26.4								

Ministry of Northern Development and Mines

Ontario

Diamond Drilling Log

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Hole No. RL 86 09 | Page No. 2

Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Address/Location where core stored	Map Reference No.	Claim No.
					Collar			
Date Hole Started	Date Completed	Date Logged	Logged by		Ft. °		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		Ft. °			
					Ft. °		Property Name	
					Ft. °			

Footage From	Footage To	Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle °	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays †		
65.9	67.2	Silisified Lapilli Tuff	Red aphanitic cherty appearance, no visble sulphides, both upper and lower contacts @ 30° tca, no magnetic attraction, no carbonate, red colouration appears to be due to hematitic staining during silicification, unit is probably a xenolith of material further down in hole.									
67.2	74.0	Gabbro	Similar to 6.0 - 26.4; however, fine grained to aphanitic, hard and contains many quartz carbonate veinlets cross cutting the core axis at varying angles									
74.0	118.0	Intensely Silicified Lapilli Tuff	Various shades of red, green and beige, extremely hard, conchoidal fracture, no carbonate, no magnetic attraction, trace pyrite, several narrow qtz-carb veinlets corss cut core axis at ~30-50° tca, however, there appears to be no mineralization associated with them, remnant bedding @ 60° tca, unit almost totally rexlized however there are still some lapilli fragments evident, unit appears to correspond to mineralized zone evident on cliff face.									
118.0	130.1	Lapilli Tuff (Intermediate Mafic)	Greenish grey, aphanitic, hard, slight silicification, no magnetic attraction, no visible sulphides, no carbonate, faintly bedded @ ~45° tca									
130.1	131.7	Intensely Silicified Lapilli Tuff	Same as 74.0 - 118.0									

† Additional credit available. See Assessment Work Regulatio

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Ontario

Diamond Drilling Log

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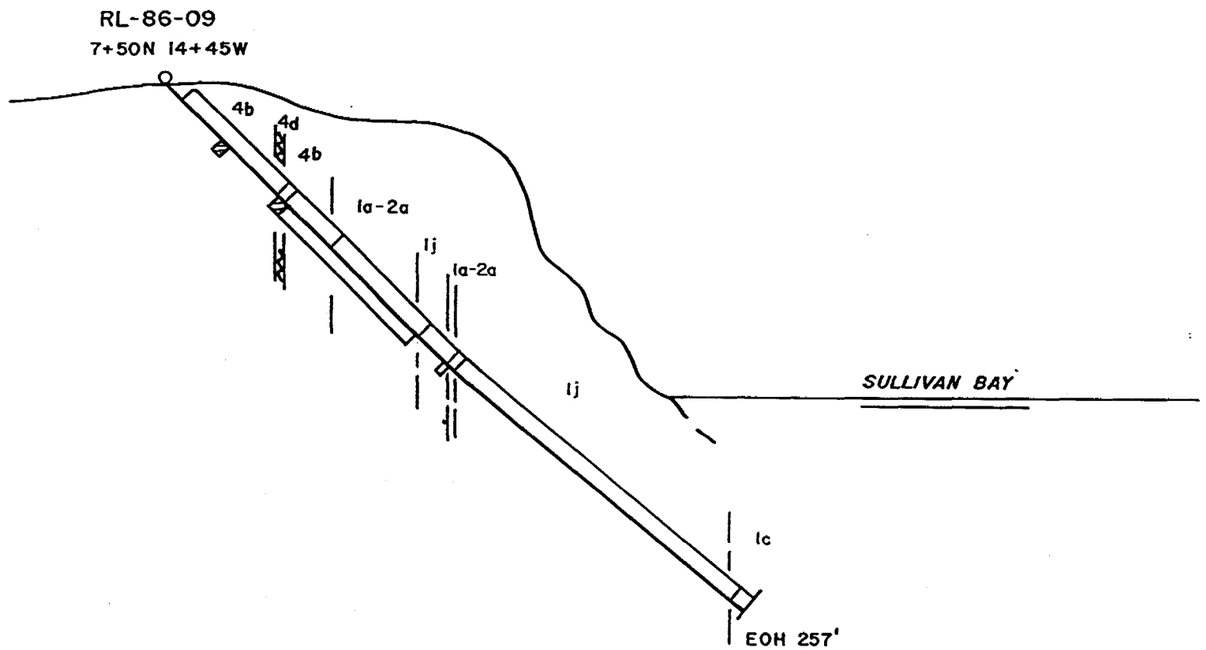
Hole No. RL 86 09 | Page No. 3

Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Address/Location where core stored	Map Reference No.	Claim No.
					Collar °			
Date Hole Started	Date Completed	Date Logged	Logged by		FL °		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		FL °			
					FL °		Property Name	
					FL °			

Footage From	Footage To	Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle °	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays †		
131.7	184.1	Mafic to Intermediate Lapilli Tuff	Dark greyish green, aphanitic, hard, no carbonate, no magnetic attraction, no apparent bedding, no visible sulphides, locally chlorite & biotite in matrix ground mass									
184.1	187.0	Mafic to Intermediate Lapilli Tuff	Bluish grey, carbonatized, definite remnant bedding @ 35 to 45° tca no magnetic attraction, no visible sulphides, fragments generally pea sized and cherty.									
252.0	257.0	Mafic Dyke	Dark greyish green, aphanitic to fine grained, soft, no carbonate no visible sulphides, no magnetic attraction, massive - probably a gabbroic dyke									
	257.0	EOH										

† Additional credit available. See Assessment Work Regulatio

DUE SOUTH →



Assays in ppb Au

0 - 100	
101 - 500	
>500	

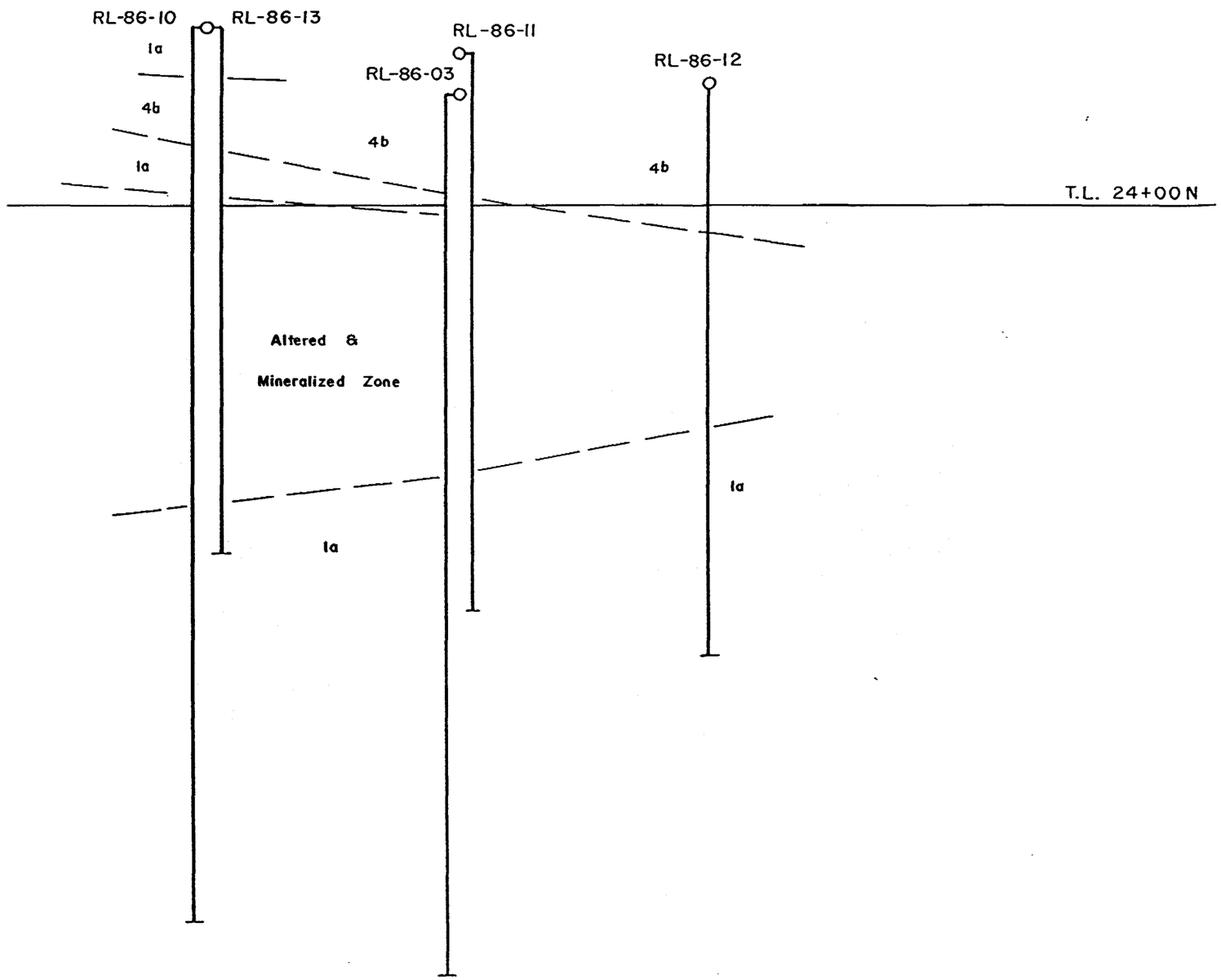
INTERNATIONAL PLATINUM CORP.
DEL NORTE CHROME CORP.

ROWAN LAKE J.V.

DRILL SECTION RL-86-09

(LOOKING EAST)

Drawn by A.M.	Apprvd L.B.	Date Oct. 1986
Scale. 1" = 50'	N.T.S 52F/5	



LINE 32E AREA

INTERNATIONAL PLATINUM CORP. DEL NORTE CHROME CORP.		
DRILL PLAN RL-86-03,10,11,12,13		
Drawn A.M.	Appr.vd. L.B.	Date. Nov. 86
Scale 1"=50'	N.T.S 52F/5	

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Ontario

Diamond Drilling Log

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Hole No. RL 86 10 | Page No. 1

Drilling Company	Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Address/Location where core stored	Map Reference No.	Claim No.
Morissette Canada Inc.		S 15° E	437	Collar -41 °	24+00N 32+00E	52F / 5	K690678
Date Hole Started: Oct. 15/86	Date Completed: Oct. 17/86	Date Logged: Oct.17/86	Logged by: L. Burden	227 Ft. -32 °	Claim K690673	Location (Twp., Lot, Con. or Lat. and Long.): Rowan Lake Area 31+00E 27+72N	
Exploration Co., Owner or Optionee: International Platinum Corporation		Date Submitted	Submitted by (Signature)	430 Ft. -29 °		Property Name: Rowan Lake	
				Ft. °			
				Ft. °			

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle °	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au(ppb)		
0.0	4.0	Overburden	Boulder			71161	36.3	37.0	0.7	nil		
						71162	55.8	56.2	0.4	30		
4.0	26.0	Mafic Meta-volcanic	Dark green, fine grained to aphanitic, foliated @ 50° tca, no magnetic attraction, soft, some carbonate, trace euhedral py up to 1/8 inches in diameter, many carbonate veinlets which generally parallel foliation			71163	82.0	82.6	0.6	nil		
						71164	96.0	100.0	4.0	nil		
						71165	100.0	104.0	4.0	30		
						71166	104.0	108.0	4.0	20		
						71167	108.0	112.0	4.0	30		
26.0	64.5	Gabbro	Dark green, fine to medium grained, no magnetic attraction, soft some carbonate, moderately foliated between 45 to 60° tca, several small qtz-carb veins generally <1" cross cut the core axis parallel to the foliation all contain an apple green micaceous resembling fuchite, 1-2% disseminated euhedral pyrite <1/10 inches in diameter.			71168	112.0	115.0	3.0	4182.5		
						71169	115.0	118.0	3.0	340		
						71170	118.0	120.5	2.5	10		
						71171	120.5	123.0	2.5	nil		
						71172	123.0	127.0	4.0	nil		
						71173	127.0	131.0	4.0	nil		
						71174	131.0	135.0	4.0	nil		
64.5	87.0	Mafic Meta-volcanic	Dark green, fine grained to aphanitic, foliated @ 60° tca, no magnetic attraction, soft, locally appears to be pillowed, some carbonate, disseminated euhedral py up to 1/8 inches in diameter, py 2-3% and primarily occurs along foliation planes 82.0 - 82.6 Qtz-Carb vein <1% diss py, contains minor amounts of muscovite			71175	135.0	139.0	4.0	680	410	
						71176	139.0	143.0	4.0	60		
						71177	143.0	147.0	4.0	nil		
						71178	147.0	151.0	4.0	10		
						71179	151.0	155.0	4.0	nil		
						71180	155.0	159.7	4.0	30		
						71181	159.7	163.3	4.7	690		
87.0	93.0	Mafic Meta-volcanic	Similar to 64.5 - 87.0, however, locally carbonatized and bleached beige			71182	163.3	167.8	4.5	540		
						71183	167.8	171.5	3.7	880		
						71184	171.5	173.0	1.5	1370		
						71185	173.0	175.4	2.4	750		
						71186	175.4	179.8	4.4	4127.5		
						71187	179.8	184.5	4.7	1230		
						71188	184.5	188.8	4.3	70		
						71189	188.8	191.1	2.3	360		

† Additional credit available. See Assessment Work Regulation

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Ontario

Diamond Drilling Log

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Hole No. RL 86 10 | Page No. 3

Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Address/Location where core stored	Map Reference No.	Claim No.
Date Hole Started	Date Completed	Date Logged	Logged by		Collar Ft.		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		Ft. Ft. Ft.		Property Name	

Footage From	Footage To	Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle °	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays †
167.8	173.0	Silicified Tuff	Grey, aphanitic, very hard, no more attraction, minor carbonate bedding totally obliterated, 8-10% diss euhedral py in assorted sizes <1/4 inch in diameter, no sericite 172.0 - 173.0 Feldspar - Qtz. vein, miley white trace tourmaline sulphides associated with wall rock							
173.0	175.4	Altered Tuff and Lapilli Tuff (carbonatized)	Same as 163.3 - 167.8; contains sericite							
175.4	179.8	Qtz-Feld Vein with minor silicified tuff	Qtz. feld vein is milky white with fragments of silicified tuff contained therein, course grained, 7-8% diss euhedral py of varying size mostly associated with fragments and wall rock no magnetic attraction, minor carbonate, no sericite							
179.8	188.8	Silicified Tuff	Greyish green hard, aphanitic, no magnetic attraction, remnant bedding @ 75-80° tca, minor qtz veinlets minor amounts of sericite, 3-5% disseminated euhedral pyrite							
188.8	191.1	Silicified Tuff w Qtz-Feld Veining	Similar to 179.8 - 188.8; however, contains extensive coarse qtz feld vein and associated silica flooding 8-10% diss euhedral py							
191.1	192.8	Silicified Tuff	Same as 179.8 - 188.8							
192.8	195.5	Silicified Tuff w qtz-feld veining	Same as 188.8 - 191.1							
195.5	196.8	Silicified Tuff	Same as 179.8 - 188.8							

† Additional credit available. See Assessment Work Regulations

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Hole No.	Page No.
RL 86 10	4

Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at Collar	Address/Location where core stored	Map Reference No.	Claim No.
Date Hole Started	Date Completed	Date Logged	Logged by		FL.		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		FL. / FL. / FL.		Property Name	

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle °	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays †
196.8	198.7	Qtz-Feld Vein w Silcified Tuff	Similar to 188.8 - 191.1; however more qtz in vein and less sulphides 3-5% py							
198.7	200.2	Silcified Tuff	Similar to 179.8 - 188.8; however, more qtz veinlets							
200.2	203.8	Qtz-Albite Vein	Milky white, coarse grained, little wall rock included in vein, minor amounts of py as euhedral x/s wall rock inclusions contains 3-5% diss euhedral py, no magnetic attraction, tr carbonate							
203.8	231.7	Sheared and Silicified Tuff	Greyish-green, aphanitic, sericitic shear planes, shear plans @ 65° tca, no magnetic attraction, minor qtz veining bounded between shear planes are S folds, S structures are not more than 1" tall, and are generally on the order of 1/4 inch, unit contains 3-5% diss euhedral fine grained py							
231.7	241.3	Felsite Dyke	Greyish-green, aphanitic, no magnetic attraction, sericitized, very faintly foliated @ ~80° tca, minor carbonate 236.0 - 236.4 Qtz Vein; trace tourmaline, trace py							
241.3	332.5	Mafic Meta-volcanic	Dark green, fine grained to aphanitic, no magnetic attraction, v. soft, carbonate, 1-2% disseminated euhedral py of varying size, minor intercalated graphitic tuff horizons bedded @ 75° tca.							
332.5	388.3	Mafic Tuff	Dark grey-green, aphanitic, no magnetic attraction, carbonate, thinly laminated, variegated locally appears sheared, locally graphitic, bedding @ 75° tca, 2-3% diss euhedral py, locally 8-10% finely diss euhedral py 368.7 - 369.4 Qtz vein, trace diss py along fractures							

† Additional credit available. See Assessment Work Regulation

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Ontario

Diamond Drilling Log

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Hole No. RL 86 10 | Page No. 5

Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Address/Location where core stored	Map Reference No.	Claim No.
Date Hole Started	Date Completed	Date Logged	Logged by		Collar ° Ft. ° Ft. ° Ft. ° Ft. °		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)				Property Name	

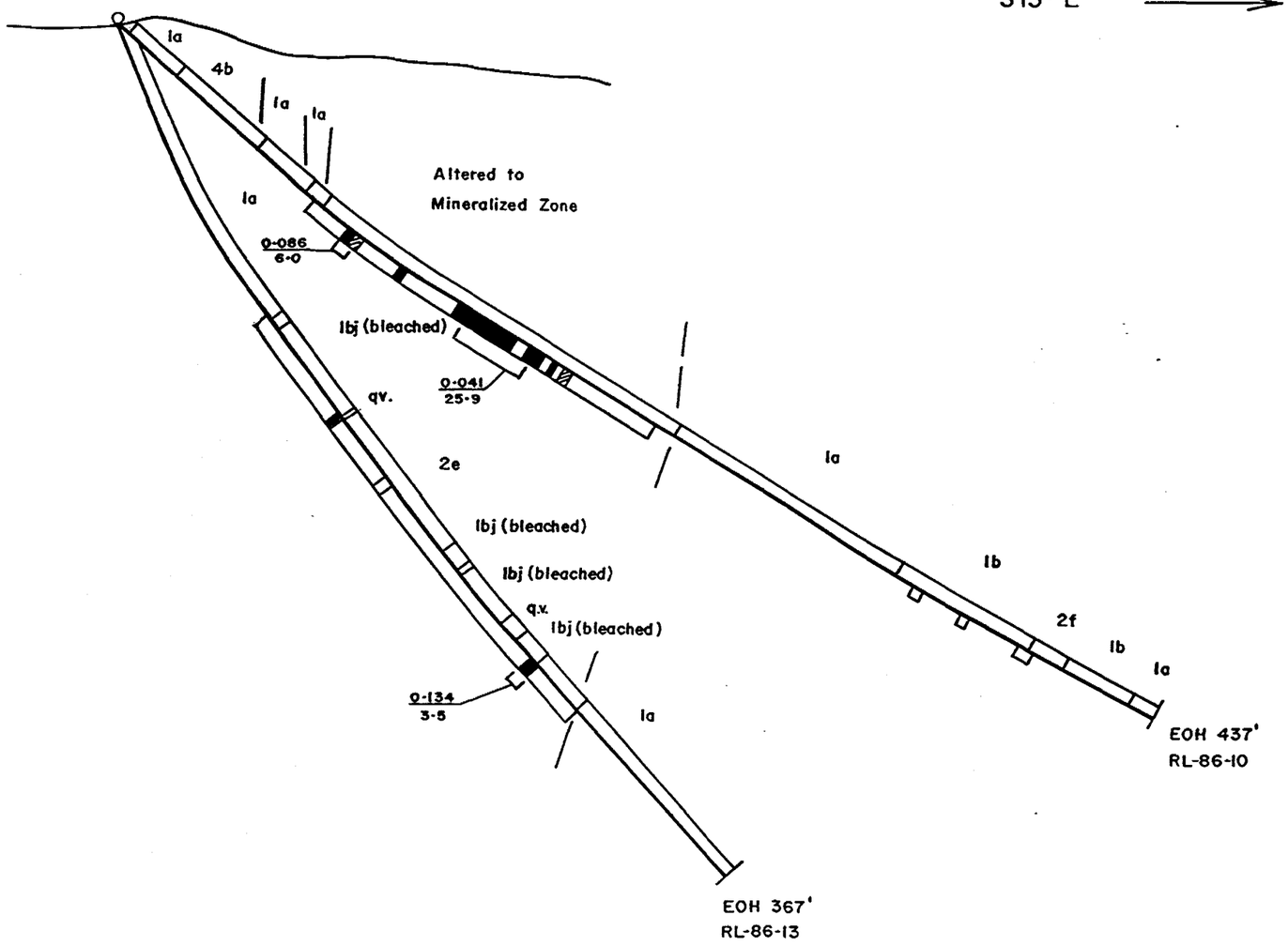
Footage From	Footage To	Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle °	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays †		
388.3	402.9	Intermediate Lapilli Tuff	Grey, aphanitic, light grey cherty lapilli fragments up to 1" in length bedded @ 85° tca, no magnetic attraction, 5-8% diss anhedral py in unit, possibly equivalent to that sulphide rich unit observed in RL 86 03, soft, carbonate, no mag attraction									
402.9	427.3	Mafic Tuff	Same as 332.5 - 388.3									
427.3	437.0	Mafic Meta-volcanic	Green, massive, fine grained, soft, carbonate, no magnetic attraction, 1% diss py									
	437.0	EOH										

783 (85/12)

* Additional credit available. See Assessment Work Regulation

RL-86-10 & 13
31+00E, 24+72N

S 15° E



Assays in ppb Au
0 - 100
101 - 500
>500

Oz. Au/ton
feet

INTERNATIONAL PLATINUM CORP.
DEL NORTE CHROME CORP.

ROWAN LAKE J.V.

DRILL SECTION RL-86-10&13

(LOOKING EAST)

Drawn by A.M	Apprvd L.B.	Date Oct. 1986
Scale 1"=50'	N.T.S 52F/5	

Ministry of Northern Development and Mines
Ontario

Diamond Drilling Log

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Hole No. RL 86 11 | Page No 1

Drilling Company	Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Address/Location where core stored	Map Reference No.	Claim No.
Morissette Canada Inc.		S 15° E	367.0	Collar -60	24+00N 32+00E	52F/5	K690678
Date Hole Started: Oct. 17/86	Date Completed: Oct. 18/86	Date Logged: Oct. 18/86	Logged by: L. Burden	225 Ft. -50	Claim K690673	Location (Twp., Lot, Con. or Lat. and Long.): Rowan Lake Area 32+00E 24+62N	
Exploration Co., Owner or Optionee: International Platinum Corporation		Date Submitted	Submitted by (Signature)	367 Ft. -43		Property Name: Rowan Lake	
				Ft.			
				Ft.			

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au(ppb)		
0.0	11.0	Overburden	Sand and boulders			71211	70.8	75.0	4.2	50		
						71212	75.0	78.1	3.1	nil		
11.0	70.8	Gabbro	Dark green, fine grained, soft, lots of carbonate, no magnetic			71213	102.0	107.0	5.0	nil		
			attraction, weakly to moderately foliated @ 50° tca, <1% diss			71214	107.0	111.4	4.4	20		
			euhedral py			71215	111.4	112.5	1.1	100		
						71216	112.5	114.6	2.1	40		
70.8	78.1	Altered Gabbro	Greyish-green, strongly foliated @ 60° tca, contains an apple			71217	114.6	119.5	4.9	100		
			green mineral along foliation planes, locally sericitized, no			71218	119.5	120.5	1.0	90		
			magnetic attraction, bleached colouration, soft, no carbonate			71219	120.5	123.2	2.7	200		
			<1% diss euhedral py			71220	123.2	123.9	0.7	60		
						71221	123.9	127.0	3.1	10		
78.1	91.0	Gabbro	Similar to 11.0 - 70.8; however, courser grained and slightly			71222	127.0	131.0	4.0	nil		
			lighter in colour			71223	131.0	135.0	4.0	30		
						71224	135.0	139.0	4.0	nil		
91.0	111.4	Altered Gabbro	Similar to 70.8 - 78.1; however lacks foliation			71225	139.0	143.0	4.0	670	1030	
						71226	143.0	147.0	4.0	nil		
111.4	112.5	Altered Tuff	Grey, aphanitic, remnant bedding strongly contorted, no magnetic			71227	147.0	151.0	4.0	10		
			attraction, soft, carbonate 2-3% diss euhedral pyrite, trace			71228	151.0	155.0	4.0	nil		
			cpy in qtz microveinlet			71229	155.0	159.0	4.0	210		
						71230	159.0	161.8	2.8	750		
112.5	114.6	Qtz Vein	White coarse grained, some albite x/s, 1-2% diss euhedral py			71231	161.8	166.0	4.2	340		
			mostly associated with wall rock includsions trace apple green			71232	166.0	170.0	4.0	340		
			micaceous mineral, no magnetic attraction, no carbonate			71233	170.0	174.5	4.5	300		
						71234	174.5	178.4	3.9	310	890	
114.6	119.5	Altered Tuff	Grey, aphanitic, remnant bedding @ 60° tca, no magnetic attraction,			71235	178.4	181.0	3.6	690		
			soft, carbonate bedding plans are sericitized, 2-3%, diss			71236	181.0	183.9	2.9	240		
			euhedral py			71237	183.9	187.0	3.1	nil		
						71238	187.0	190.0	3.0	20		
119.5	120.5	Qtz Vein	Same as 112.5 - 114.6									

783 (85/12)

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulatio

Ministry of Northern Development and Mines

Ontario

Diamond Drilling Log

Complete this form and related sketch in duplicate. Fill in on every page

Hole No. RL 86 11 | Page No 2

Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Address/Location where core stored	Map Reference No.	Claim No.
					Collar °			
Date Hole Started	Date Completed	Date Logged	Logged by		Ft. °		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		Ft. °			
					Ft. °		Property Name	
					Ft. °			

Footage From	Footage To	Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au(ppb)		
120.5	123.2	Altered Tuff	Similar to 111.4 - 112.5; however, contains 1" wide qtz vein			71239	190.0	193.5	3.5	160		
			running subparallel to core axis which contain 3.5% diss euhedral			71240	193.5	197.5	4.0	nil		
			pyrite			71241	197.5	202.5	5.0	30		
						71242	202.5	207.3	4.8	170	140	
123.2	123.9	Qtz Vein	Same as 112.5 - 114.6			71243	207.3	210.6	3.3	30		
						71244	210.6	214.2	3.6	220		
123.9	159.0	Altered Tuff	Light grey, variegated, thinly laminated, bedding @ 50° tca, soft			71245	214.2	217.2	3.0	40		
			carbonate, carbonatization gives rock a mottled appearance,			71246	217.2	220.0	2.8	30		
			bedding planes are sericitized, no magnetic attraction, minor			71247	220.0	223.4	3.4	40		
			qtz-tourmaline sweats interstitial to bedding planes, 1-2% diss			71248	223.4	224.3	0.9	10		
			euhedral py			71249	224.3	227.0	2.7	290		
						71250	227.0	231.0	4.0	40		
159.0	161.8	Altered Tuff with	Similar to 123.9 - 159.0; however, qtz veining gives unit a			71251	231.0	235.0	4.0	30		
		Qtz Veining	brecciated appearance 8-10% diss euhedral py, tuff silicified			71252	235.0	238.3	3.3	130		
			no mag attraction, carbonate			71253	238.3	239.6	1.3	nil		
						71254	239.6	245.0	5.4	10		
161.8	174.5	Altered Tuff	Light grey, hard, carbonate, no magnetic attraction, remnant			71255	245.0	245.6	0.6	nil		
			bedding @ 55° tca, 5-8% diss euhedral pyrite, no sericite - unit			71256	245.6	250.0	4.4	nil		
			partially silicified			71257	250.0	254.0	4.0	nil		
						71258	254.0	258.8	4.8	nil		
174.5	178.4	Qtz Vein	Milky white, coarse grained, minor albite, 3-5% diss euhedral py			71259	258.8	262.4	3.6	240	250	
			some x/s as large as 1/4 inch, no magnetic attrn, no carbonate			71260	262.4	267.0	4.6	nil		
						71261	267.0	272.0	5.0	nil		
178.4	183.9	Altered Tuff with	Same as 159.0 - 161.8									
		Qtz Veining										
183.9	193.5	Altered Tuff	Grey to beige, aphanitic, remnant bedding @ 60° tca, minor qtz									
			veining, minor sericite similar to 123.9 - 159.2, hard, no									
			carbonate, 2-3% diss euhedral pyrite									

783 (85/12)

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulatio

Ministry of Northern Development and Mines

Ontario

Diamond Drilling Log

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Hole No. RL 86 11 | Page No 3

Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Address/Location where core stored	Map Reference No.	Claim No.
					Collar °			
Date Hole Started	Date Completed	Date Logged	Logged by		Ft. °		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		Ft. °			
					Ft. °		Property Name	
					Ft. °			

Footage From	Footage To	Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays †
193.5	197.5	Qtz Vein	Milky white, coarse grained, some albite x/s little wall rock contained within, no magnetic attraction, tr carbonate, 1-2% diss euhedral py							
197.5	207.3	Altered Tuff (Silicified)	Grey to beige, aphanitic, very hard, carbonate, silicified, no magnetic attraction, several eratic qtz veinlets, no sericite, 3-5% diss euhedral pyrite							
207.3	210.6	Qtz Vein	Same as 193.5 - 197.5							
210.6	214.2	Altered Tuff (Silicified)	Same as 197.5 - 207.3							
214.2	217.2	Qtz Vein	Similar to 193.5 - 197.5; however, contains up to 45% silicified wall rock, 5-8% diss euhedral py primarily associated with wall rock inclusions							
217.2	223.4	Altered Tuff	Beige to grey, aphanitic, soft, strongly carbonatized, no magnetic attraction, remnant bedding, distorted by network of qtz microveinlets, some sericite, 3-5% diss euhedral pyrite							
223.4	224.3	Qtz Vein	Same as 214.2 - 217.2							
224.3	238.3	Altered Tuff	Beige to light grey, carbonate, no magnetic attraction, strongly sericitized, remnant bedding @ 60° tca, qtz stringers between 224.3 - 226.0 & 229.5 - 230.5, locally bedding distorted by qtz veining							
238.3	239.6	Qtz Vein	Same as 214.2 - 217.2							

783 (85/12)

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

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Ontario

Diamond Drilling Log

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Hole No. RL 86 11 | Page No 4

Drilling Company	Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Address/Location where core stored	Map Reference No.	Claim No.
				Collar			
Date Hole Started / Date Completed	Date Logged	Logged by		Ft. °		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee	Date Submitted	Submitted by (Signature)		Ft. °			
				Ft. °		Property Name	
				Ft. °			

Footage From	Footage To	Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays †
239.6	245.0	Altered Tuff	Tan, aphanitic to fine grained, hard, no carbonate, no magnetic attraction, remnant bedding at 55° tca, no sericite, silicified?, 1-2% finely diss py							
245.0	245.6	Qtz Vein	Same as 214.2 - 217.2							
245.6	252.0	Altered Tuff	Same as 239.6 - 245.0							
252.0	258.8	Altered Tuff	Similar to 234.6 - 245.0; however, strongly carbonatized, extremely rich in sericite, very blocky, 255 - 256.7 Fault gouge w minor qtz veining 257.7 - 258.8 silicified tuff							
258.8	262.4	Intercalated Chert & Mafic Tuff	Greyish green, variegated, rich in carbonate, no magnetic attraction, thinly laminated, bedding @ 60° tca, bedding planes sericitized, 2-3% diss euhedral py mostly associated with mafic laminae							
262.4	276.2	Bleached Tuff	Tan, aphanitic, carbonate, remnant bedding @ 60° tca, no magnetic attraction, <1% euhedral pyrite, unit totally bleached out bedding barely visible - this unit may have been referred to as a felsite dyke in RL 86 03							
276.2	287.1	Mafic Tuff	Grey-green, aphanitic to fine grained, soft carbonate, no magnetic attraction; locally diss py along bedding planes, bedding @ 50° tca, <1% euhedral py							
278.1	334.3	Mafic Meta-volcanic	Green fine to medium grained, massive much carbonate, no mag attraction, <1% diss py							

783 (85/12)

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulatio

Ontario

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Diamond Drilling Log

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Hole No.	Page No.
RL 86 11	5

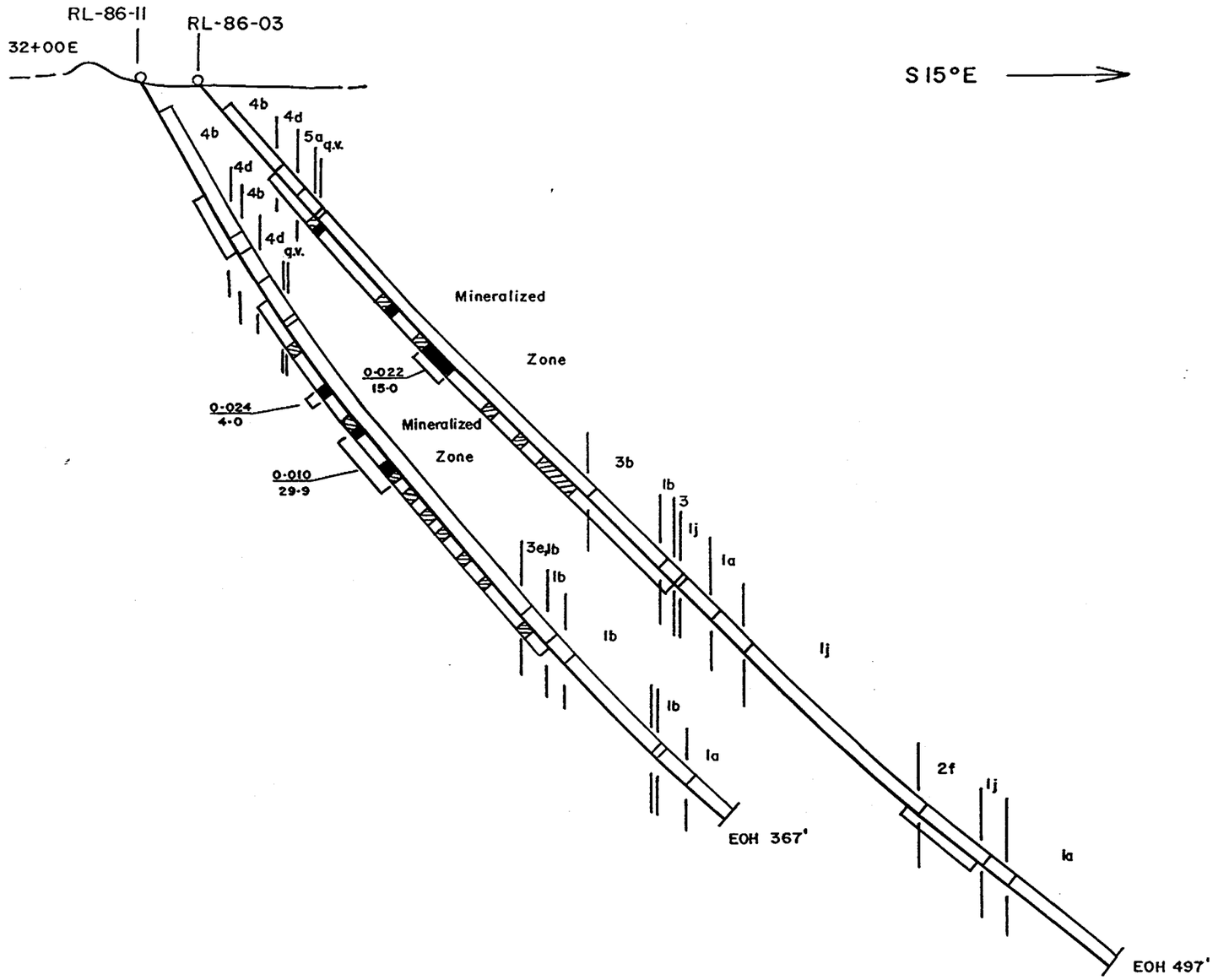
Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Address/Location where core stored	Map Reference No.	Claim No.
					Collar			
Date Hole Started	Date Completed	Date Logged	Logged by		Ft. °		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		Ft. °			
					Ft. °		Property Name	
					Ft. °			

Footage From	Footage To	Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays †		
334.3	335.0	Flow Breccia	Grey-green, aphanitic to fine grained, variegated very rich in carbonate, no magnetic attraction <1% euhedral py									
335.0	345.3	Mafic Tuff	Grey-green, variegated aphanitic, bedding @ 45° tca, thinly laminated, 1-2% diss euhedral pyrite									
345.3	367.0	Mafic Meta-volcanic	Dark green, fine grained, soft, rich in carbonate, massive, no magnetic attraction, tr sulphides									
	367.0	EOH										

783 (85/12)

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulation



Assays in ppb Au: 0 - 100; 101 - 500; >500

Oz. Au/ton
feet

INTERNATIONAL PLATINUM CORP. DEL NORTE CHROME CORP.		
ROWAN LAKE J.V. DRILL SECTION RL-86-03&11 (LOOKING EAST)		
Drawn by A.M.	Apprvd. L.B.	Date Oct. 1986
Scale, 1"=50'	N.T.S 52F/5	

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Ontario

Diamond Drilling Log

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Hole No. RL 86 12 | Page No. 1

Drilling Company	Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Address/Location where core stored	Map Reference No.	Claim No.
Morissette Canada Inc.		S 15° E	297.0	Collar -45	24+00N 32+00E	52F/5	K690678
Date Hole Started	**Date Completed**	**Date Logged**	**Logged by**	157.0 Ft. -38	Claim K690673	**Location (Twp., Lot, Con. or Lat. and Long.)**	
Oct. 19, 1986	Oct. 20, 1986	Oct 20/86	L. Burden	297.0 Ft. -32		Rowan Lake Area 33+00E 24+50N	
Exploration Co., Owner or Optionee		**Date Submitted**	**Submitted by (Signature)**	Ft.		**Property Name**	
International Platinum Corporation				Ft.		Rowan Lake	

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle °	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au(ppb)	
0.0	6.0	Overburden	Boulders and sand			71262	39.3	41.9	2.6	nil	
						71263	74.0	78.0	4.0	nil	
6.0	11.5	Gabbro	Dark green, medium grained, soft, very rich in carbonate, no			71264	78.0	82.0	4.0	100	
			magnetic attraction, trace pyrite, moderately foliated @ 40° tca			71265	82.0	86.3	4.3	30	
						71266	86.3	89.0	2.7	nil	
11.5	15.9	Mafic Dyke	Green, fine grained, soft rich in carbonate, strongly magnetic,			71267	89.0	90.4	1.4	50	
			no visible sulphides, faintly foliated @ 45° tca, 5-8% disseminated			71268	90.4	94.0	3.6	170	160
			euhedral magnetite x/s ~1 mm in length, contacts blocky			71269	94.0	97.3	3.3	10	
						71270	97.3	98.1	0.8	nil	
15.9	39.3	Gabbro	Similar to 6.0 - 11.5; however, foliation is variable several			71271	98.1	102.0	3.9	30	
			angles measured all between 35-55°			71272	102.0	106.0	4.0	100	
						71273	106.0	110.0	4.0	270	
39.3	41.9	Gabbro with Qtz	Similar to 6.0 - 11.5; however, contains a qtz vein ~1.0" wide			71274	110.0	114.0	4.0	nil	
		Vein	running nearly parallel to core axis, contains some feldspar			71275	114.0	118.0	4.0	nil	
			x/ization along edge of vein also apple green micaceous mineral			71276	118.0	122.0	4.0	20	
			evident no sulphides associated with vein, tr py in host rock			71277	122.0	125.0	3.0	30	
						71278	125.0	127.8	2.8	20	
41.9	54.8	Gabbro	Greyish-green, fine grained, moderately bleached no magnetic			71279	127.8	131.6	3.8	430	520
			attraction, massive, lacks foliation, soft, carbonate, trace			71280	131.6	133.5	1.9	100	
			amounts of the apple green alteration mineral, trace pyrite			71281	133.5	136.0	2.5	350	
						71282	136.0	140.0	4.0	380	
54.8	74.0	Gabbro	Similar to 41.9 - 54.8; however, slightly coarser grained, and			71283	140.0	145.0	5.0	nil	
			faintly foliated @ 55° tca			71284	145.0	150.0	5.0	nil	
						71285	150.0	155.0	5.0	nil	
						71286	155.0	157.3	2.3	20	
						71287	157.3	161.6	4.3	100	
						71288	161.6	164.8	3.2	70	
						71289	164.8	167.2	2.4	790	830
						71290	167.2	171.0	3.8	170	

† Additional credit available. See Assessment Work Regulation

Ministry of Northern Development and Mines

Ontario

Diamond Drilling Log

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Hole No. RL 86 12 | Page No 2

Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at Collar	Address/Location where core stored	Map Reference No.	Claim No.
Date Hole Started	Date Completed	Date Logged	Logged by		Ft.		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		Ft. / Ft. / Ft.		Property Name	

Footage From	Footage To	Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au(ppb)		
74.0	86.3	Altered Gabbro	Very light green, strongly bleached, strongly foliated at 55° tca, soft, rich in carbonate, no magnetic attraction, lower contact appears to be silicified, 1-2% disseminated euhedral pyrite, green colouration due to apple green alteration mineral - fuchite?			71291	171.0	175.0	4.0	20		
						71292	175.0	180.0	5.0	70		
						71293	180.0	185.0	5.0	60		
						71294	185.0	188.4	3.4	20		
						71295	188.4	191.7	3.3	nil		
						71296	191.7	196.0	4.3	nil		
86.3	89.0	Altered Lapilli Tuff (Silic.)	Bright apple green very hard, cherty appearance, no carbonate no magnetic attraction, no visible sulphides, bedding planes appear sheared, however, no sericite present, bedding @ 65° tca			71297	196.0	200.0	4.0	nil		
89.0	90.4	Qtz Vein	Milky white, coarse grained, trace py along x1 faces within vein 1-2% diss euhedral py associated with wall rock no mag attrn, no carbonate									
90.4	97.3	Altered Lapilli Tuff (Silic.)	Light grey, hard, no carbonate, aphanitic, remnant bedding @ 70° tca, lapilli clasts cherty and pea sized, 2-3% diss euhedral pyrite & locally 3-5% in remnant bedding planes, no magnetic attraction									
97.3	98.1	Qtz Vein	Same as 89.0 - 90.4									
98.1	127.8	Altered Tuff (Carbonatized)	Grey, aphanitic, soft carbonate, no magnetic attraction, bedding varies between 60 to 70° tca, thinly laminated, variegated carbonate rich beds give unit a mottled texture, minor amounts of sericitic alteration along bedding planes, 2-3% diss py, locally 8-10% diss euhedral py									

† Additional credit available. See Assessment Work Regulatio

Ministry of Northern Development and Mines

Ontario

Diamond Drilling Log

Complete this form and related sketch in duplicate. Fill in on every page

Hole No. RL 86 12 | Page No. 3

Drilling Company	Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Address/Location where core stored	Map Reference No.	Claim No.
				Collar			
Date Hole Started / Date Completed	Date Logged	Logged by		Ft.		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee	Date Submitted	Submitted by (Signature)		Ft. / Ft. / Ft.		Property Name	

Footage From	Footage To	Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays †
127.8	131.6	Altered Tuff (Silicified) with Qtz veining	Grey tuff material interspersed with milky white Qtz, textures in tuff totally oblitereated, unit hard, rich in carbonate, no magnetic attraction, 5-8% diss euhedral pyrite, trace tourmaline							
131.6	133.5	Altered Tuff (Carbonatized)	Same as 98.1 - 127.8							
133.5	136.0	Qtz Vein	Milky white, coarse grained, approximately 1" wide, runs near parallel to core axis, hosted by altered tuff as above, however tuff contains 3-5% euhedral py							
136.0	157.3	Altered Tuff (Carbonatized)	Buff-green, aphanitic, sericitized, remnant bedding 60-65° tca, soft, rich in carbonate, minor qtz veinlets, 1% disseminated euhdral pyrite locally thinly laminated.							
157.3	161.6	Altered Tuff (Silicified) with Qtz veining	Same as 127.8 - 131.6							
161.6	164.8	Altered Tuff (Carbonatized)	Same as 98.1 - 127.8							
164.8	167.2	Qtz Vein	Same as 89.0 - 90.4							
167.2	185.0	Altered Tuff (Silicified)	Gray-buff, aphanitic to fine grained, hard, no carbonate, no mag attraction, remnant bedding @ 65° tca, trace sericite (not pervasive as elsewhere), minor qtz veinlets corsscutting axis at near parallel, 2-3% diss euhedral py							
185.0	188.4	Altered Tuff	Buff-green, aphanitic, sericitized, no magnetic attraction, soft no carbonate, 1-2% euhedral diss pyrite							

783 (85/12)

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulations

Ministry of Northern Development and Mines

Ontario

Diamond Drilling Log

Complete this form and related sketch in duplicate. Fill in on every page

Hole No. RL 86 12 | Page No. 4

Drilling Company	Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Address/Location where core stored	Map Reference No.	Claim No.
				Collar			
Date Hole Started / Date Completed	Date Logged	Logged by		Ft. °		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee	Date Submitted	Submitted by (Signature)		Ft. ° / Ft. ° / Ft. °		Property Name	

Footage From	Footage To	Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays †
188.4	191.7	Sericite Schist	Very light green aphanitic, strongly sericitized, sericite fault gouge with qtz veins within, very blocky, similar unit observed near bottom of mineralized zone in RL 86 11, trace sulphides, trace tourmaline in qtz veinlets							
191.7	200.0	Altered Tuff	Grey-buff, aphanitic, remnant bedding @ 60° tca, no magnetic attraction, 1% diss euhedral py, soft, carbonate, unit strongly bleached							
200.0	237.6	Mafic Metavolcanic	Dark green, aphanitic to fine grained, faintly to strongly magnetic, rich in carbonate, 2-3$ diss pyrite, foliated at variable angles, this unit probably represents several thin flows.							
237.6	253.5	Intercalated Mafic Tuffs & Flows	Dark green, aphanitic to fine grained, soft to hard, carbonate, faint to v. strong magnetic attraction, locally v. narrow cherty bands observed in the tuff units, tuff units v. strongly magnetic 2-3% diss py., po							
253.5	297.0	Pillowed Mafic Metavolcanic	Dark green, fine grained, weak pillow structures recognized, soft, carbonate, trace sulphides							
	297.0	EOH								

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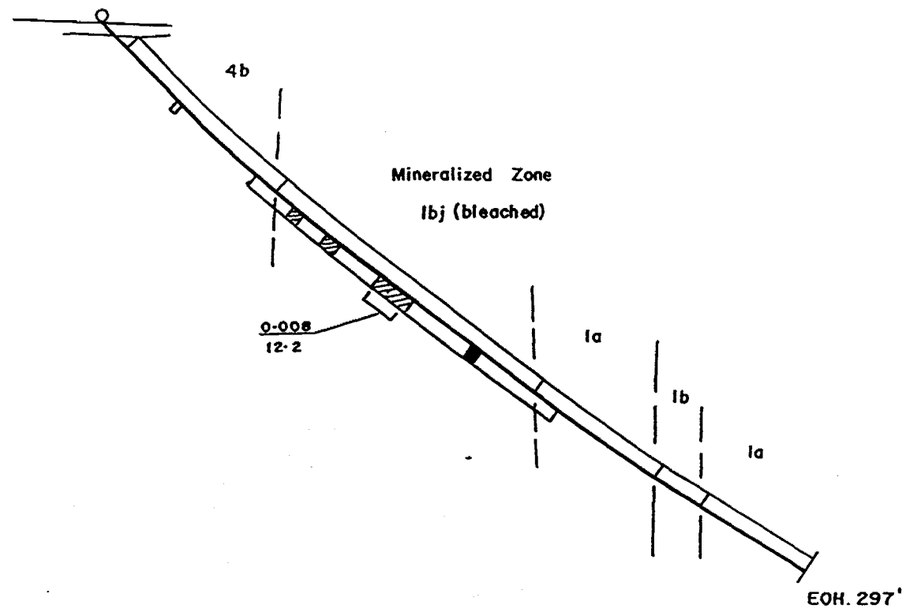
* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulation

RL-86-12

33+00E, 24+50N



Assays in ppb Au

0 - 100

101 - 500

>500

Oz. Au/ton
feet

INTERNATIONAL PLATINUM CORP. DEL NORTE CHROME CORP.		
ROWAN LAKE J.V. DRILL SECTION RL-86-12 (LOOKING EAST)		
Drawn by A.M.	Apprvd. L.B.	Date Oct. 1986
Scale 1"= 50	N.T.S 52F/5	

Ministry of Northern Development and Mines
Ontario

Diamond Drilling Log

Complete this form and related sketch in duplicate. Fill in on every page

Hole No. RL8613 | Page No 1

Drilling Company	Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Address/Location where core stored	Map Reference No.	Claim No.
Morissette Canada Inc.		S 15° E	367.0	Collar -65	24+00N 32+00E Claim K690673	52F/5	K690673
Date Hole Started Oct. 20/86	**Date Completed** Oct. 21/86	**Date Logged** Oct. 21/86	**Logged by** L. Burden	150 Ft. -54 °		**Location (Twp., Lot, Con. or Lat. and Long.)** Rowan Lake Area 31+00E 24+72N	
Exploration Co., Owner or Optionee International Platinum Corporation		**Date Submitted**	**Submitted by (Signature)**	300 Ft. -49 °			
				Ft. °		**Property Name** Rowan Lake	
				Ft. °			

Footage From	Footage To	Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle °	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au (ppb)	
0.0	2.0	Casing				71298	117.0	119.8	2.8	nil	
						71299	119.8	125.0	5.2	nil	
2.0	12.8	Mafic Meta-volcanic	Dark green, strongly foliated @ 35° tca, bleached white appearance fine grained no magnetic attraction, possibly gabbro, <1% diss py			71300	125.0	128.0	3.0	40	
						71301	128.0	132.2	4.2	nil	
						71302	132.2	137.0	4.8	nil	
12.8	17.4	Mafic Meta - volcanic	Green, foliated @ 35° tca, soft, carbonate, aphanitic, no magnetic attraction, 1% diss py			71303	137.0	142.0	5.0	10	
						71304	142.0	147.0	5.0	nil	
						71305	147.0	152.0	5.0	nil	
17.4	33.9	Mafic Meta-volcanic	Similar to 2.0-12.8; however foliation not as strong and is @ 30° tca			71306	152.0	157.0	5.0	nil	
						71307	157.0	158.5	1.5	30	
						71308	158.5	160.0	1.5	680	640
33.9	58.3	Mafic Meta-volcanic	Green, aphanitic weakly foliated between 35 to 40° tca, soft carbonate, no magnetic attraction, mafic flow			71309	160.0	165.0	5.0	10	
						71310	165.0	170.0	5.0	nil	
						71311	170.0	175.0	5.0	30	
58.3	117.0	Mafic Meta-volcanic	Dark green, weakly foliated @ 40° tca, fine grained, massive appearance, soft, carbonate, gabbroic texture?, trace pyrite, no magnetic attraction			71312	175.0	180.0	5.0	20	
						71313	180.0	185.0	5.0	30	
						71314	185.0	190.0	5.0	110	140
117.0	119.8	Altered Mafic Metavolcanic	Similar to 58.3-117.0; however, locally bleached beige by metasomatitic activity, no carbonate			71315	190.0	195.0	5.0	70	
						71316	195.0	200.0	5.0	10	
						71317	200.0	205.0	5.0	10	
119.8	132.2	Altered Tuff	Pinkish tan, aphanitic, remnant bedding @ 60° tca, hard, no carbonate, thinkly laminated, lacks sericite, some v. thin laminae are bright red, no magnetic attraction, <1% diss euhedral pyrite.			71318	205.0	210.0	5.0	90	
						71319	210.0	215.0	5.0	nil	
						71320	215.0	217.4	2.4	nil	
						71321	217.4	222.0	4.6	nil	
						71322	222.0	227.1	5.1	nil	
132.2	158.5	Bleached Tuff	Light grey, aphanitic, variegated thinly laminated, remnant bedding betweem 48 to 60°, soft, no magnetic attraction, carbonate, trace sericite, possible remnant lapilli fragments, trace pyrite			71323	227.1	232.0	4.9	nil	
						71324	232.0	237.0	5.0	nil	
						71325	237.0	242.0	5.0	nil	

† Additional credit available. See Assessment Work Regulatio

Ontario Ministry of Northern Development and Mines

Diamond Drilling Log

Complete this form and related sketch in duplicate. Fill in on every page →

Hole No. BL 8613 | Page No. 2

Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Address/Location where core stored	Map Reference No.	Claim No.
					Collar			
Date Hole Started	Date Completed	Date Logged	Logged by		Ft. °		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		Ft. °			
					Ft. °		Property Name	
					Ft. °			

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle °	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au(ppb)
158.5	160.0	Qtz Vein	Milky white, coarse grained, minor carbonate some feldspar x/s,			71326	242.0	247.0	5.0	nil
			diss euhedral pyrite, no magnetic attrn, py mostly associated			71327	247.0	250.5	3.5	nil
			with wall rock, 2-3% py			71328	250.5	254.0	3.5	60
						71329	254.0	257.4	3.4	30
160.0	217.4	Tuff	Grey, aphanitic, no magnetic attraction, no carbonate, soft			71330	257.4	262.5	5.1	nil
		(Intermediate)	remnant bedding 40-55° tca, thinly laminated, variegated, 1%			71331	262.5	267.5	5.0	30
			diss euhedral pyrite			71332	267.5	271.0	3.5	4627.5
						71333	271.0	273.5	2.5	nil
217.4	225.9	Bleached Tuff	Very light greyish-green, soft, aphanitic, no carbonate,			71334	273.5	277.0	3.5	100
			sericitized, remnant bedding @ 55 to 60° tca, no magnetic attrn,			71335	277.0	280.2	3.2	30
			lapille fragments still visible <1% disseminated ehudral pyrite,			71336	280.2	285.0	4.8	nil
			greenish colouration due to an apple green alteration mineral			71337	285.0	290.0	5.0	nil
			disseminated throughout unit - appears to be alternative of			71338	290.0	294.6	4.6	nil
			groundness material			71339				nil
225.9	227.1	Felsite Dyke	Buff grey, aphanitic soft no mag attrn, no carb, contains euhedral							
			green enria looks <1/8" in length, no visible sulphides, massive							
227.1	250.5	Bleached Tuff	Same as 217.4-225.9							
250.5	257.4	Silicified Tuff &	Grey & white, aphenitic tuff w coarse grained qtz veins qtz vein							
		Qtz. veining	contains some feldspar trace tourmaline, minor sulphides, tuff							
			contains 7-8% diss euhedral pyrite							
257.4	267.5	Bleached Tuff	Same as 217.4 - 225.9							

783 (85/12)

† Additional credit available. See Assessment Work Regulations

Ministry of Northern Development and Mines

Ontario

Diamond Drilling Log

Complete this form and related sketch in duplicate. Fill in on every page

Hole No. RL 8613 | Page No 3

Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at Collar	Address/Location where core stored	Map Reference No.	Claim No.
Date Hole Started	Date Completed	Date Logged	Logged by		Ft.		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		Ft.		Property Name: Rowan Lake	

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle °	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays †
267.5	271.0	Silicified Tuff	Grey aphanitic, hard, no carbonate, remnant foliation @ ~60° tca, no magnetic attraction, minor qtz veining, rock appears to be cherty, the protolith may have been a cherty tuff, 12-15% diss euhedral pyrite, locally 15-20% pyrite over 0.5'							
271.0	273.5	Bleached Tuff	Same as 217.4 - 225.9							
273.5	280.2	Sericite Schist	Tan, aphanitic, soft carbonate, rich in sericite, very blocky, no magnetic attrn, rich in fault gouge, locally contains qtz veining, <1% euhedral pyrite,							
280.2	294.6	Bleached Tuff	Tan, aphanitic to fine grained, soft, no carbonate, remnant bedding @ 60-65° tca, some sericite along cleavage bedding planes, <1% euhedral py diss throughout, no magnetic attrn, tuffaceous characteristics, almost totally obliterated by bleaching.							
294.6	342.5	Mafic Meta-volcanic	Dark green, fine grained, faintly foliated, locally strong in magnetic, soft, carbonate massive appearance, definite mafic flow rock, upper contract appears to be gradational from the bleached zone, locally unit is amygduloidal, elsewhere unit contains fine epidote veinlets, <1% euhedral diss py							
242.5	354.6	Intercalated Mafic flows & tuffs	Dark green, fine grained, soft, carbonate, no magnetic attraction, bedding at 60° tca, <1% diss euhedral py							
354.6	367.0	Amygduoidal Mafic Meta-volcanic	Dark grey-green, fine grained, soft, carbonate, amygdules <2/10" in diameter filled with carbonate, no magnetic attraction, <1% diss euhedral pyrite, lacks foliation, massive unit							
	367.0	EOH								

783 (85/12)

† Additional credit available. See Assessment Work Regulation

900

#63.4787
(3/3)

OM 86-3-P-038

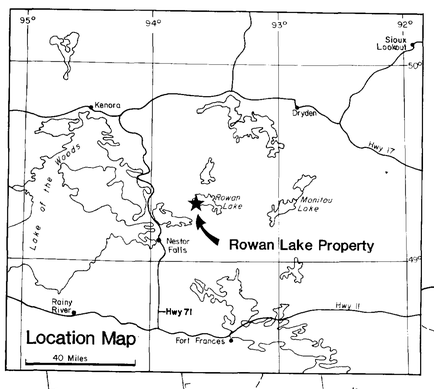
THIS SUBMITTAL CONSISTED OF VARIOUS REPORTS, SOME OF WHICH HAVE BEEN CULLED FROM THIS FILE. THE CULLED MATERIAL HAD BEEN PREVIOUSLY SUBMITTED UNDER THE FOLLOWING RECORD SERIES (THE DOCUMENTS CAN BE VIEWED IN THESE SERIES):

① International Platinum Corp., Swanson Occurence, Eagle Lake → See Main Office file AUBREY TP. DDR # 12

a) Diamond Drill Program, Oct.-Nov./86, Holes # So-86-01 to # So-86-06. See R.O.W. #31 for 1987 (Kenora)

b) Diamond Drill Program, December/86, Holes # So-86-07 to # So-86-11.

② Gold Assays for Drill Holes So-86-01 to So-86-06, Paul's Custom Fire Assaying, Swastika Laboratories Ltd. → DID NOT COMPARE TO PREVIOUSLY SUBMITTED MATERIAL. HOWEVER PLACED IN FILE AUBREY TP. DDR #12 FOR SAKE OF REPORT CONTINUITY.



LEGEND

5 Felsic Intrusives
- a) unsubdivided granitic rocks

4 Mafic Intrusives
- a) unsubdivided
- b) gabbro
- c) talcose gabbro - ultramafic

3 Felsic Metavolcanics
- a) unsubdivided
- b) tuff
- c) lapilli tuff
- d) quartz feldspar porphyry

2 Intermediate Metavolcanics
- a) unsubdivided
- b) massive
- c) porphyritic
- d) amygduloidal
- e) tuff
- f) lapilli tuff
- g) tuff breccia
- h) chemical interflow sediments
- i) quartz sericite schist
- j) pillow
- k) pillow breccia
- l) blue quartz eye porphyry

1 Mafic Metavolcanics
- a) unsubdivided
- b) massive
- c) pillowed
- d) pillow breccia
- e) foliated
- f) porphyritic
- g) amygduloidal
- h) visicular
- i) tuff
- j) lapilli tuff
- k) tuff breccia
- l) chemical interflow sediments
- m) hornfelsic
- n) sericite schist
- o) chlorite schist

Qualifiers

Ser	sericitized
C	carbonatized
Ank	ankeritized
Hem	hematitic staining
Fxd	fractured
Amp	amphibolitized
B	bleached

Symbols

- strike and dip of bedding
- foliation, direction and dip
- jointing, direction and dip
- pillowed flow with top direction
- faulting with direction of movement
- glacial striations
- drill holes
- trench
- Rock geochemistry sample location
- 1117-20 sample no. - ppb Au

Silver Lake Resources Inc.

SILVER LAKE / DEL NORTE JOINT VENTURE

ROWAN LAKE PROPERTY

District of Kenora, Ontario
N.T.S. 52F/5

GEOLOGY & DRILL HOLE LOCATIONS

Scale: 1 inch=200 feet (1:2400)

feet 200 0 200 400 600 feet

CHECKED BY	DRAWN BY	DATE	PLAN No.
L. Burden	Jeff Meek & Associates Ltd. Drafting & Cartographic Services		1

OM86-038 63.4787