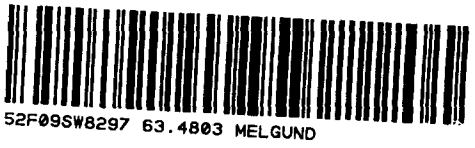

GEOLOGY AND SOIL GEOCHEMISTRY SURVEYS OF THE ROWAN LAKE PROPERTY DISTRICT OF KENORA 1985

for

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

December, 1985

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

LORNE BURDEN

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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 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/ton gold. Shear zones containing the deposits have been traced onto the Rowan Lake property.

Echo Bay Mines Ltd. has recently negotiated an agreement whereby they can earn a 36% interest in Nuinsco Resources Ltd. by expending $4,350,000 on exploration and development of the Cameron Lake and Rowan Lake properties. Echo Bay also has the right to increase its interest in Nuinsco Resources to 50.1% by purchasing Nuinsco treasury shares.

Recent work on the property includes airborne V.L.F.E.M. and magnetometer surveys, ground V.L.F.E.M., magnetometer, and I.P. Surveys, as well as 3867 feet of diamond drilling. During the early summer of 1984, prelminary geological and soil geochemical surveys were completed.

In the autumn of 1985, the property was subject to detailed geological and soil geochemical surveys over anomalous areas as outlined by previous surveys. Several of the zones are similar in appearance to the alteration zone hosting the Cameron Lake deposit. Eleven zones were manually stripped and sampled in detail. Seven zones were found to contain anomalous gold values. During the winter a 4 hole, 2000 foot drill programme at a cost of $50,000 is recommended to test three of these targets.

The Monte Cristo shear zone within which both the Victor Island and Monte Cristo gold deposits occur has been traced west beneath Sullivan Bay onto the Rowan Lake property by diamond drilling. A $77,000 programme of reverse circulation overburden drilling and basal till sampling has also been recommended over the extension of this gold bearing shear zone to assist in defining future diamond drill beneath Sullivan Bay.

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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 occurrance of similar gold mineralization on the Rowan Lake property are excellent.

Detailed geological mapping, stripping and both detailed rock and soil sampling were conducted from September 2 to October 23, 1985 for Silver Lake Resources Inc. The surveys emphasized the evaluation of suspected altered mineralized shear zones which had been outlined by previous surveys. 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. Presently, Nuinsco Resources is constructing an all-weather road to the Cameron Lake camp, and it is expected to be completed in late 1985.

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

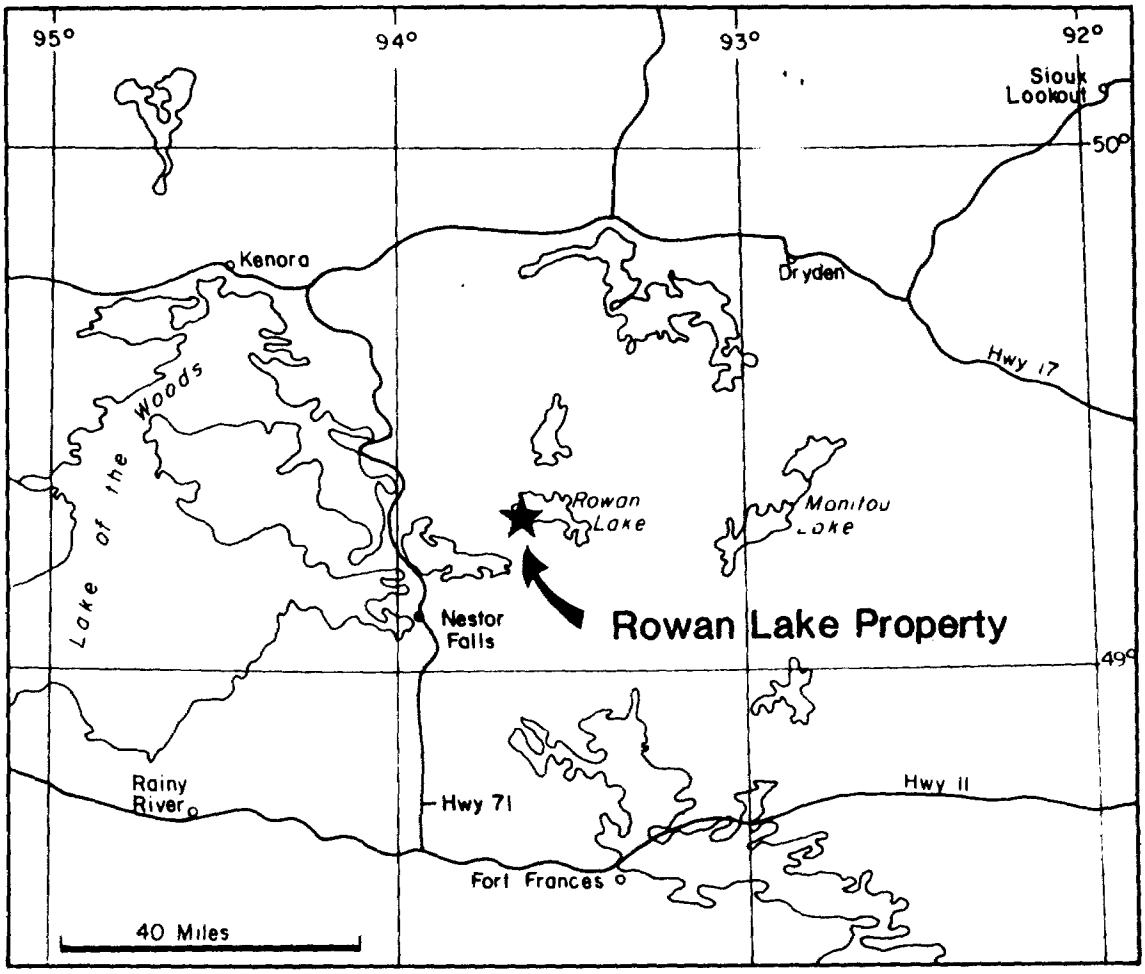
Property

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 3% net smelter royalty.

In early 1984, Silver Lake Resources Inc. acquired an option and has subsequently earned a 50% interest in the property. The group comprises twenty-five contiguous unpatented mining claims:

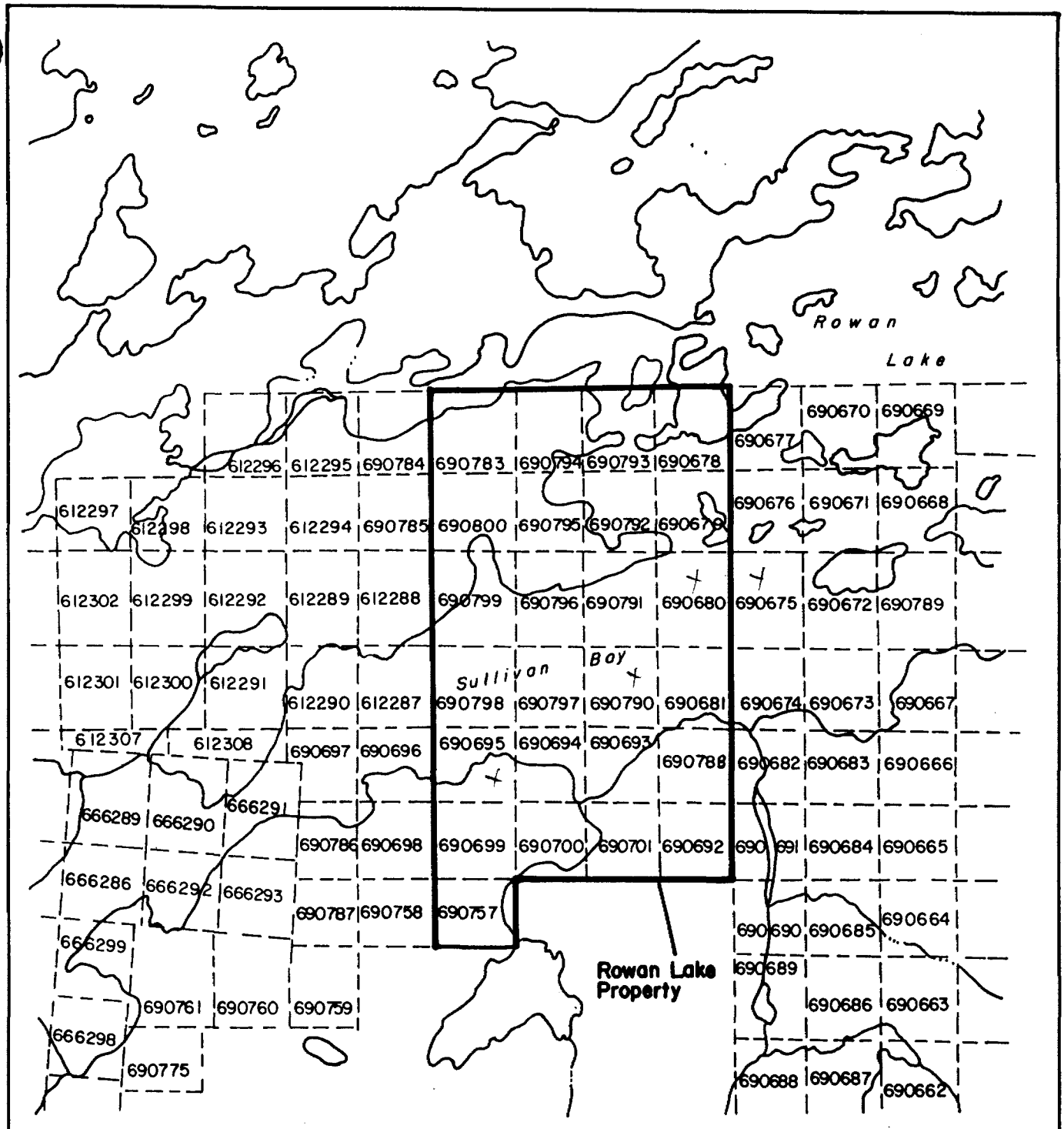
K 690678 - K 690681 inclusive,
K 690692 - K 690695 inclusive,
K 690699 - K 690701 inclusive,
K 690790 - K 690800 inclusive,
K 690757, K690783 and K 690788.

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.



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 ~~M2583 "Dogpaw Lake"~~ M2580 ROWAN LAKE

Figure

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 separated by low cedar swamps with a local relief of approximately 60 feet. Ridge tops tend to be pine covered with spruce covering hillsides. Shoreline outcrop is well exposed on the northern peninsula.

The southern half of the property has a local relief of 110 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 approximately 5 miles southwest of, and along strike with the Rowan Lake property.

The Monte Cristo and Victor Island 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 bering 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]).

During the 1985 programme, two small trenches were located on the property as well as a number of old claim posts. However, a search of the Toronto assessment files revealed that no assessment work had been filed on the property prior to its recent acquisition.

A baselines has been established on the property trending at N75°E with perpendicular compass lines cut at 400 foot intervals.

Preliminary geological mapping and soil sampling were conducted over an eleven day period in June 1984. A four hole 3080 foot drill programme was undertaken in early 1985. The results of the above mentioned programmes are summerized in Burden 1985a and 1985b.

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).

A baseline has been established on the property trending at N75°E with perpendicular compass lines cut at 400 foot intervals.

Preliminary geological mapping and soil sampling were conducted over an eleven day period in June 1984. A four hole 3080 foot drill programme was undertaken in early 1985. The results of the above mentioned programmes are summarized in Burden 1985a and 1985b.

An additional 3.37 miles of grid line was cut in total on both the north and south shores of Sullivan Bay in the early fall of 1985. These lines were cut over anomalous areas as defined by previous surveys so that a better definition of these anomalies could be found.

Detailed geological mapping and soil sampling were conducted from September 3 to October 23, 1985. Soil samples were taken of B horizon, where possible at 25 foot intervals over anomalous zones as defined by previous surveys. Approximately 441 samples have been analysed.

Geological mapping was conducted along picket lines and shorelines. Outcrop locations were recorded on field work sheets; foliations, textural and compositional variations, alteration and mineralization were noted in the field. The results of these observations are recorded on geological and geochemical maps in the back pocket of this report. In addition to geological mapping and soil sampling, ten outcrops were manually stripped and washed off with a Wajax Mark 3 fire pump. Local grids were established over each outcrop and outcrops were sampled in detail. The results of this work is presented on sketch maps located in the back pocket of this report.

GEOLOGY

Regional Geology

Rowan Lake is near the western extremity of the Early Precambrian, Savant Lake-Crow 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.

Property Geology

During the Early Precambrian a composite mafic to felsic volcanic sequence containing subvolcanic instrusions and minor cherty interflow sediments was deposited on the Rowan Lake property. Partially coincident with the intrusion of the Nolan Lake granitic body, to the south, the rocks were rotated on end and regionally metamorphosed to the greenschist facies. Rocks in close proximity to the Nolan Lake stock are metamorphosed to amphibolite facies and locally are hornfelsic.

At this time also, it is believed, shear zones chiefly along flow boundaries or within certain rock units were formed roughly comformable to the existing primary trend. These zones were carbonatized and mineralized and in some places injected with gold bearing solutions.

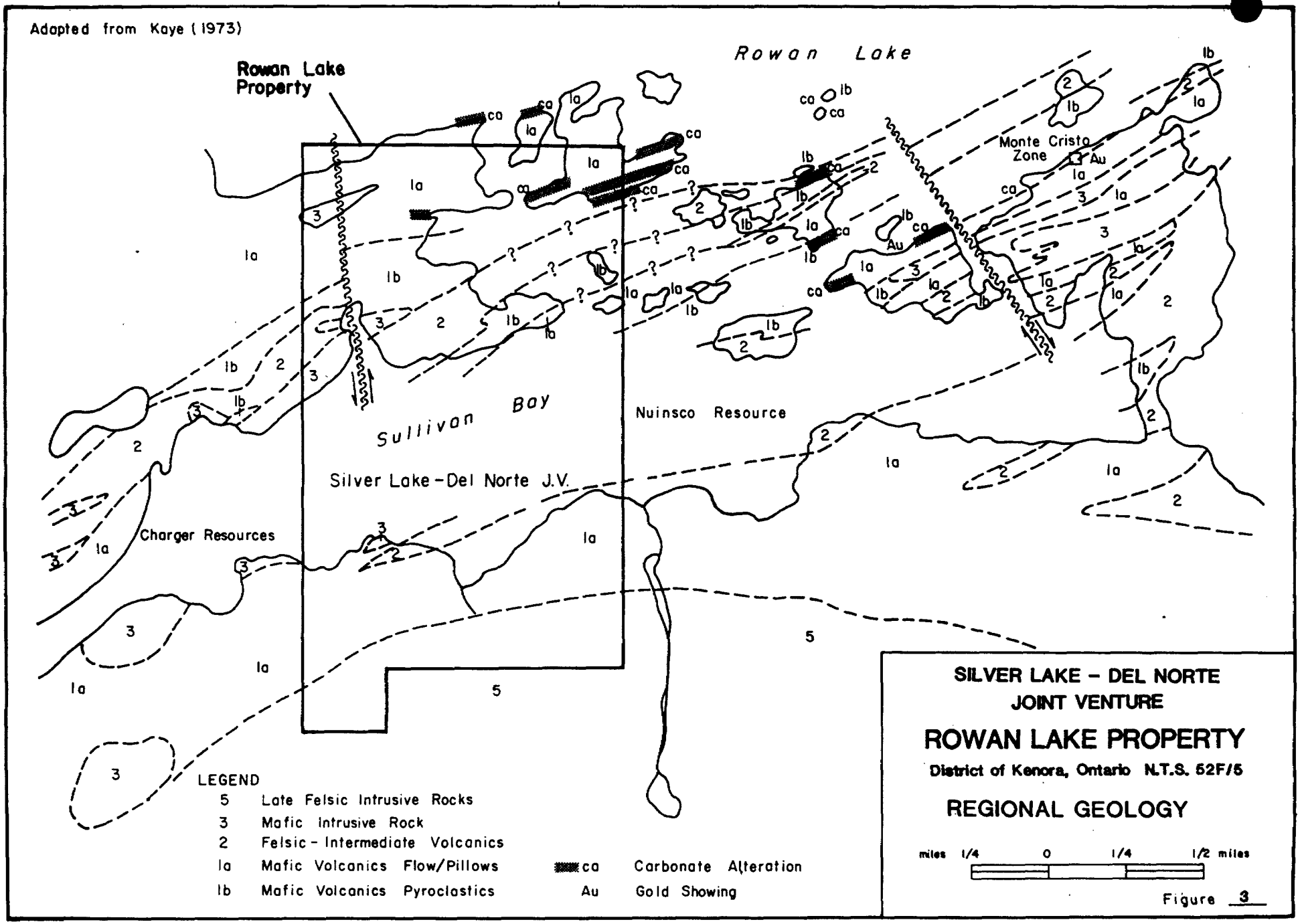

Adapted from Kaye (1973)
Rowan Lake Property
Rowan Lake
Monte Cristo Zone
Au
Sullivan Bay
Nuinsco Resource
Silver Lake-Del Norte J.V.
Charger Resources
LEGEND
5 Late Felsic Intrusive Rocks
3 Mafic Intrusive Rock
2 Felsic - Intermediate Volcanics
1a Mafic Volcanics Flow/Pillows
1b Mafic Volcanics Pyroclastics
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

Stratigraphy and Lithology

The rocks on the property are dominated by massive and pillowed mafic flows. Facing determinations from pillow shapes and grain gradation suggest a south facing homoclinal sequence on the property dipping steeply south to steeply north.

Mafic metavolcanic flows are fine to medium grained, greyish green to dark green on the weathered surface and dark green on the fresh surface. Magnetic attraction is weak, but a faint foliation is evident trending at S80°W and dipping steeply north. Individual flows are characterized by phenocrysts, amygdules, pillows or massive textures and are traceable for thousands of feet.

Mafic tuff is dark green to black on the weathered surface and dark green on fress surfaces. The rock is fine grained with fissile foliation which readily cleaves. The rock generally consists of fine ash but this may locally grade a lapilli tuff and tuff breccia with the fragments being felsic in composition.

Mafic to intermediate flows, which appear to be of calcalkaline affinity, are greyish on the weathered surface and light green on the fresh surface, aphanitic to fine grained and occasionally porphyritic, massive to weakly foliated, and have no magnetic attraction. In the porphyritic variety white feldspar laths comprise up to 5% of the rock and are up to 0.1 inches long. Frequently, barren white quartz veins and veinlets occur within joints in this rock unit.

Intermediate pyroclastic rocks include tuff, lapilli tuff, and tuff breccia. Although these are frequently interbedded and/or occur with massive flow units, one significant tuff breccia forms a continuous unit underlying the property north of Sullivan Bay. The tuff and lapilli tuffs are grey and light greyish green to buff on weathered and fresh surfaces respectively. Lapilli are aphanitic and ash is fine grained. Locally graded bedding occurs in 2 inch to 4 foot beds and fines from a coarse sand bottom to a clay sized top. Tuff breccia is light greyish tan on the weathered surface with fresh surfaces having very light green fragments in a dark green matrix. Fragments are aphanitic comprising 30% of the rock. The matrix is aphanitic but contains a higher percentage of mafic minerals. Fragments are usually 3 to 4 inches long, and rarely are up to 1 foot long. Pyrite normally occurs in trace amounts.

Felsic pyroclastic rocks include lapilli tuff and tuff breccia. These units are interbedded with intermediate pyroclastic rocks. Lapilli tuffs and tuff breccia are light grey light greyish green on weathered and fresh surfaces respectively. Lapilli, breccia fragments and matrix material are aphanitic and appear cherty.

Fragments comprise up to 70% of the rock and are usually 3 to 4 inches long, rarely are they up to 2 feet long. Pyrite normally occurs in trace amounts and chalco pyrite has been identified in some locations.

Chert horizons form 2 to 10 foot thick units associated with tuffs throughout the strata underlying the property. The chert is light grey to light greyish green on weathered and fresh surfaces respectively, aphanitic, thinly laminated to very thinly bedded and unmineralized, with a conchoidal fracture.

A large gabbro sill and several smaller lenticular gabbro bodies are scattered through the volcanic stratigraphy. The gabbros tend to be massive, medium to fine grained, equigranular, green on weathered surface, with subhedral to euhedral black amphibole and green-white plagioclase laths. Locally, the gabbro is magnetic and slightly foliated. Trace amounts of fine grained disseminated pyrite occur ubiquitously.

Quartz-feldspar porphyry dykes were found cross-cutting the regional trend in a north-south direction. One dyke was found intruding a gabbro indicating that emplacement was late in the geologic history of the area. The rock is light grey and buff on weathered and fresh surfaces respectively. The porphyry is medium grained, massive, lacking foliation and magnetic attraction. Phenocrysts of glassy quartz and white feldspar are generally 0.1 to 0.15 inches in size and found in a fine grained to aphanitic matrix. Dykes range in width from five to twenty feet and contain trace amounts of disseminated pyrite.

The Nolan Lake Stock, a large granitic body consisting primarily of quartz monzonite, intrudes the metavolcanic sequence near the southern boundary of the property. The rock is pinkish red and greyish pink on fresh and weathered surfaces respectively, massive, medium grained, and lacks foliation. Xenoliths of mafic volcanics up to 2 feet in diameter occur within the 100 foot border phase of the pluton. Trace amounts of disseminated pyrite occur in the quartz monzonite.

Economic Geology

A total of 151 rock grab samples were collected while mapping and assayed for gold. The results of the analyses including sample locations and descriptions are listed in Table 1 (Appendix 1).

Twenty-eight of the grab samples yeilded significant gold values i.e. greater than 70 ppb. All but eight sample locations having significant gold values have had substantial follow up work such as detailed sampling and stripping completed upon them. The result of this work is reported elsewhere within this report.

SOIL GEOCHEMISTRY

In conjunction with geological mapping, a detailed soil geochemical survey was conducted over selected portions of the Rowan Lake property. Samples were collected of the B soil horizon at 25 foot intervals along each line over anomalous zones as defined by previous surveys.

Organics and A horizon soils were scraped off the sample location using a grub hoe, and fist size samples of B hoizon soil were placed in to numbered paper sample bags. The samples were then dried, and sent for analysis to Swastika Laboratories Limited in Swastika, Ontario. A total of 441 samples were analysed.

Swastika Laboratories screened the samples to -80 mesh, selected 10 gram portions of this fraction and produced a dore bead. The dore beads were in turn redissolved into solution with aqua-regia and then tested for gold by atomic absorption.

It was determined by a previous survey that background soil gold values over the Rowan Lake property are 3.54 ppb and truly anomalous values are those above 17.7 ppb (Burden 1985a).

The analytical results are tabulated in Appendix 2, and presented on Map 2.

STRIPPING AND DETAILED ROCK SAMPLING

A programme of stripping and detailed rock sampling was conducted in conjunction with geological mapping during the fall of 1985. Eleven zones of interest were selected for stripping and sampling.

The results of the analyses including sample locations and descriptions are listed in Table 2 (Appendix 3), and presented on Maps 3 to 13 located in the back pouch of this report.

CONCLUSION AND RECOMMENDATION

A strong linear magnetic anomaly is continuous across Nuinsco Resources' Monte Cristo property and water covered portions (Sullivan Bay) of the Rowan Lake property. This magnetic anomaly correlates with several parallel gabbro sills which outcrop across the Monte Cristo property and on the south shore of Sullivan Bay, on the Rowan Lake property.

The magnetic anomaly on the Monte Cristo property trends parallel to and abuts the southern margin of the gold bearing Monte Cristo shear zone. Diamond drilling along the common boundary between the Rowan Lake and Monte Cristo properties confirms the extension of the Monte Cristo shear zone and parallel gabbroic intrusions onto the Rowan Lake property. However, there is some indication that the shear zone may veer away from the magnetic gabbro at an acute angle.

It is recommended that a systematic programme of reverse circulation overburden drilling and basal till sampling be complete over the entire projected extension of the Monte Cristo shear zone across the Rowan Lake property. Results obtained from this survey should assist in defining future drill targets beneath Sullivan Bay.

On the northern land portion of the Rowan Lake property, a 500 foot wide zone of multipule subparallel ankerite altered shear zones trends easterly between lines 4+00W and 32+00W within massive and pillowed mafic flows, on the northern border of a gabbro sill.

At 34+50N on line 6+00W one mineralized shear zone 25 feet thick has been exposed. Bounded by chlorite alteration, the zone contains thin subhorizontal quartz-feldspar veins, 1-3% pyrite, rusty ankerite alteration and minor green mica. Anomalous gold soil geochemical values of 645 and 260 ppb respectively were obtained from samples on lines 6+00W at 34+50N. I.P. anomalies are located at 34+00N on line 12+00W and 33+00N on line 8+00W.

Additional stripping, rock and soil sampling at 34+50N on line 6+00W suggests that the possible source for this geochemical anomaly occurs in a low lying area immediately to the north. A drill hole collared at 35+50N on line 6+00W will be drilled grid south at 45° for a length of 425 feet would test the presumed source of the geochemical anomaly and intersect the extension of the I.P. anomaly from line 8+00W.

Easterly trending massive and pillowed mafic flows and mafic tuffs are intruded by gabbro and quartz feldspar porphyry between lines 2+00W and 36+00E between 24+00N and 28+00N. Between the intrusives an intensive ankerite altered zone up to 100 feet thick transects the various volcanic units and gabbro. Green mica, cubic pyrite, and minor quartz venlets occur within this zone. Boundaries on the unit are gradational.

A strong gold soil geochemical anomaly coincident with the intensive ankerite altered zone occurs between line 2+00W and 10+00E at approximately 28+00N. An I.P. anomaly runs parallel to this anomalous zone between lines 0+00 and 8+00E at approximately 30+00N. Neither the source for the soil geochemical anomaly or I.P. anomaly have been identified by prospecting methods. A drill hole to be collared at 30+50N on line 8+00E will be drilled grid south at 45° for a length of 565 feet to transect the source of both anomalies.

A third drill hole will be collared at 24+00N on line 32+00E and drilled grid south at 45° for a length of 425 feet will test the eastern portion of the intensely ankeritized alteration zone. This portion of the alteration zone has sparatic soil geochemical anomalies, geochemically anomalous rock, and an associated I.P. anomaly.

A fourth drill hole will be drilled from the ice to test any positive results obtained from the reverse circulation drilling programme.

A zone of quartz veining with minor pyrite mineralization occurs on a cliff face in intermediate lapilli tuff at 6+50N and 14+20W. A series of subparallel, subhorizontal quartz carbonate veinlets occur in the lapilli tuff which contains 1-5% pyrite and is greyish black and fine grained. The zone is within 20' of the south boundary of a large gabbro sill.

The outcrop has been sampled in detail with values of 0.30 oz Au/ton obtained. Although the rocks trend easterly, the zone diminishes rapidly to the west and disappears under rubble to the east. It is possible that the zone is a pipe approximately 50' x 30'.

It is recommended that a series of short drill holes be systematically drilled by a winkie drill through this mineralized zone to determine its dimensions and direction of dip.

Estimate of Costs

Winter Programme

Reverse Circulation Overburden Drilling 12 days @ $6,000/day all inclusive		72,000
Analyses (overburden) 100 samples @ $50.00/sample		5,000
Diamond Drilling 2,000' @ $25.00/ft. all inclusive		50,000
	Total	$127,000

Summer Programme

Winkie Diamond Drilling 500' @ $20.00/ft. all inclusive		10,000
	Total	$10,000

Total Estimated Expenditures $137,000

Jan 7/86

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APPENDIX 1

TABLE # 1 — Rock Grab Samples

Sample #	Location	Rock Description	PPB	oz Au/ton
1001	13+00W 15+00N	Qtz-Carb Float, trace diss py	30	0.001
1002	13+00W 15+00N	Qtz-Carb Float, trace diss py.	30	0.001
1003	13+00W 15+00N	Qtz-Carb Float, trace diss py	30	0.001
1004	4+00W 20+00N	Qtz Float separated from soil samples	140	0.004
1005	32+00E 22+50N	Silicified Schist w Qtz veining	860 1030	0.025 0.030
1006	32+00E 22+50N	Silicified Schist w diss py.	70	0.002
1007	32+00E 21+75N	Altered Mafic M.V. diss euhedral py, minor QVS	Nil	Nil
1008	32+00E 21+25N	Sericite Schist w diss euhedral py 5mm large.	100	0.003
1009	4+00E 33+50N	Qtz carb. material from stripped o/c tr green mica, diss py.	170	0.005
1010	4+00E 33+50N	Altered wall rock w diss py. stripped o/c	170	0.005
1011	20+00W 10+00N	Rhyollitic Lapilli Tuff w diss py.	Nil	Nil
1012	Western Boundary at North Shoreline of Sullivan Bay.	Qtz-Fld Porphyry w minor veining	30	0.001
1013	22+00W & North Shore of Sullivan Bay	Qtz-Carb vein material w diss euhedral py.	140	0.004
1014	14+00W 5+50N on top of Bluff	Altered wall rock from QV stockwork, diss py. second pulp	8570 8910 10290 9600	0.250 0.260 0.300 0.280

Sample #	Location	Rock Description	PPB	oz Au/ton
1015	14+00W 5+50N on top of Bluff	Less altered host rock, cherty lapilli tuff, carb rich, diss py.	3090	0.090
1016	14+00W 5+50N	Vein & wall rock, py, rich, tr carb & tr magnetite.	1850 1780	0.054 0.052
1017	28+00E 1+00N	Altered mafic M.V. or fine gr. granite? w minor qtz-carb veins.	Nil	Nil
1018	28+00E 1+50N	Breccia zone, flow breccia-fault breccia?	930	0.027
1019	34+00E tip of Boundary Island	Fld porphyry dykelet	30	0.001
1020	34+00E tip of Boundary Island	Qtz-carb veins & altered zone hosted by stretched pillows	30	0.001
1021	9+00W 31+50N	QV w 2% diss py w lime green mineral (chlorite -fuchsite?)	60	0.002
1022	9+00W 31+50N	Sheared Gabbro w minor QVS 2-3% diss py, fuchsite.	70 130	0.002 0.004
1023	9+00W 31+00N	Sheared Gabbro 2-3% diss py.	Nil	Nil
1024	9+00W 31+50N	Gabbro, unaltered massive, no carb, tr diss py	Nil	Nil
1025	12+00W 34+75N	Massive MV, carb rich, grey Fine gr.	Nil	Nil
1026	12+00W 37+50N	Altered Pillow basalt in Qtz-carb veining.	Nil	Nil
1027	10+50W 37+50N	Silicified Basalt tr py	Nil	Nil
1028	10+50N 37+50N	Sericite Schist tr Qtz-carb veins, tr py	30	0.001

Sample #	Location	Rock Description	PPB	oz Au/ton
1029	10+50W 33+00N	Pillowed Mafic MV local 12" wide gossans no visible sulphides	Nil	Nil
1030	32+75N 10+00W	Strongly foliated Mafic MV	Nil	Nil
1031	10+00W 32+75N	Qz-Carb veins tr diss py	Nil	Nil
1032	10+00W 32+50N	Altered Gabbro, rusty spotted surface, diss py.	Nil	Nil
1033	10+00W 28+25N	Foliated MMV, aphanitic tr diss py	Nil	Nil
1034	27+75N 10+00W	Strongly altered MMV, diss py, carb rich.	Nil	Nil
1035	6+00W 32+00N	Qtz-Carb w tourmaline, tr py, fuchsite.	80 30	0.002 0.001
1036	6+00W 32+00N	Sheared gabbro, adj to Qtz-Carb vein w fuchsite	Nil	Nil
1037	6+00W 32+00N	Altered gabbro w diss py 1%	NIl	Nil
1038	6+00W 34+25N	Qtz-carb rubble of local origin? tr py	50	0.001
1039	6+00W 34+40N	Altered MMV rich in carb, no Qtz, tr py.	Nil	Nil
1040	2+00W 32+00N	Mafic MV, Slightly foliated, hematitic alternation, tr diss py	Nil	Nil
1041	2+00W 31+5N	Qtz-carb vein, 1% diss py ass w wall rock inclusions	70 80	0.002 0.002
1042	2+00W 31+75N	Sericite Schist, Hematitic alteration tr carb, tr Fuchsite	Nil	Nil

Sample #	Location	Rock Description	PPB	oz Au/ton
1043	2+00W 31+75N	Silicified basalt hematitic alteration diss py tr.	30	0.001
1044	31+75N 0+75W	Qtz-carb vein 3-5% diss py ass. w wall rock clasts.	100	0.003
1045	2+00W 24+75N	Altered MMV some QV's buff brown colour	70	0.002
1046	2+00W 27+50N	Altered MMV rubble w minor QV's	280 400	0.008 0.012
1047	2+00W 27+00N	MMV strongly foliated rich in chl.	Nil	Nil
1048	14+00W 5+50N	Qtz-Carb vein py 2-3% often magnetite 1%	310	0.009
1049	12+00E 30+00N	Qtz diorite, felsic intrusion 8-10% diss py.	10	Nil
1050	12+00E 30+00N	Qtz diorite, 2-3% py	20	0.001
1051	10+00E 25+80N	Gossan zone between pillows basalt, py rich	20	0.001
1052	10+00E 27+50N	Sericite Schist w minor Qtz-carb veining	210 130	0.006 0.004
1053	8+00E 28+40N	Sericite Schist	Nil	Nil
1054	8+00E 28+25N	Foliated pillow? basalt	Nil	Nil
1055	6+00E 27+27N	Silicified & Hematized basalt w Qtz-Carb veining, tr diss py	10	Nil
1056	6+25E 34+25N	Silicified basaltic schist, similar to material in N wall zone of o/c 4E 33+50N Qtz-Carb vein from schist.	Nil	Nil

Sample #	Location	Rock Description	PPB	oz Au/ton
1057	6+25E 34+25N	Silicified basaltic schist. Minor sericite.	Nil	Nil
1058	6+00E 35+40N	Silicified Pillowed basalt, cherty appearance, tr py.	Nil	Nil
1059	6+00E 36+75N	Silicified Basalt (pillowed?) w Qtz-carb veis, diss py.	Nil	Nil
1060	6+00E 36+75N	Silicified Pillowed basalt, tr diss py	450 300	0.013 0.009
1061	33+50N 1+25E	Qtz-carb veins 1-3% diss py in sheared pillow basalt	60	0.002
1062	33+50N 1+25E	Silicified Pillow basalt, rusty Qtz-carb veins.	Nil	Nil
1063	33+00N 1+75E	Qtz-carb vein & silicified & hematized wall rock tr py.	100	0.003
1064	1+75E 28+25N	Silicified Pillow basalt w tr py & bleach patches	20	0.001
1065	2+00E 28+00N	Qtz-Carb vein in altered basalt diss py.	30	0.001
1066	2+00E 28+00N	Hematized & Silicified MMV	Nil	Nil
1067	4+00E 28+75N	Qtz-Fld Porphyry carb rich.	Nil	Nil
1068	6+25E 34+25N	Silicified & bleached basalt w Qtz-Carb veins 1% diss py.	70	0.002
1069	1+00W 20+50N	Hematitic & Silicified zone, rock resembles aplite granite Qtz-Carb vein	80	0.002
1070	1+00W 20+50N	Hematitic & Silicified altered material	Nil	Nil

Sample #	Location	Rock Description	PPB	oz Au/ton
1071	2+00W 17+25N	Mass Mafic Int MV	Nil	Nil
1072	2+00W 15+50N	Qtz-Carb veining in hematitic altered material, local float.	790 750	0.023 0.022
1073	16+00W 7+00N	Qtz rubble hosted by gabbro tr malachite stain	Nil	Nil
1074	16+00W 7+00N	Gabbro, med. gr. dark green, carb rich.	Nil	Nil
1075	18+00W 5+85N	Gabbro-Diabase, mag some carb	Nil	Nil
1076	16+00W 19+50N	Strongly folited, chl stretched pillows w diss py.	Nil	Nil
1077	14+00W 18+00N	Sericite Schist	Nil	Nil
1078	14+00W 18+20W	Assorted material from trench	30	0.001
1079	14+00W 18+20N	Pyritic cherty sediments. 75% diss py.	40	0.001
1080	14+00W 18+20N	Sugary Qtz vein material	Nil	Nil
1081	14+00W 18+20N	Pyritic tuff, not cherty but contains 35% py.	Nil	Nil
1082	14+00W 18+20N	Pristine Qtz Vein	Nil	Nil
1083	8+75W 22+75N	Qtz breccia w diss py.	270 310	0.008 0.009
1084	8+75W 22+75N	Hematied & silicified wall rock w tr diss py.	200	0.006
1085	8+00W 13+50N	Mafic-Int MV, locally pillowed, tr diss py, possibly silicified.	10	Nil

Sample #	Location	Rock Description	PPB	oz Au/ton
1086	9+00W 18+00N	Sheared contact zone zone, 20-25% py euhedral and crystaline masses.	Nil	Nil
1087	9+00W 18+00N	lapilli tuff w tr diss py.	Nil	Nil
1088	9+00W 18+00N	Sheared pillows w diss py 15-20% as cubes & crystaline masses.	Nil	Nil
1089	9+00W 18+00N	Stretched pillows w diss euhedral py & crystaline masses, 15-20%	Nil	Nil
1090	9+00W 18+00N	Strongly gossaned and stretched pillows, 1-2% diss py.	Nil	Nil
1091	9+00W 18+45N	Sericite Schist	Nil	Nil
1092	9+00W 18+45N	Sericite Schist	Nil	Nil
1093	9+00W 18+45N	Sericite Schist	Nil	Nil
1094	9+00W 18+45N	Cherty Sericite schist 20-25% py	Nil	Nil
1095	1+85E 21+00N	Gabbro coated w specular hematite.	Nil	Nil
1096	2+00E 16+75N	Rhyolitic lapilli tuff diss py cpy & grey sulphide all $<3\%$	100 100	0.003 0.003
1097	2+00E 16+75N	Rhyolitic clast w diss euhedral py 2-3%	Nil	Nil
1098	2+00E 16+75N	Rhyolitic material w ankerite & diss py 8-10%	40	0.001
1099	0+00 6+75N	Sheared MMV Lapilli tuff tr py	Nil	Nil

Sample #	Location	Rock Description	PPB	oz Au/ton
1100	0+00 7+25N	Sheared Lapilli MMV tr diss py, v rich in carb.	Nil	Nil
1101	0+00 17+60N	Granite Porphyry dyke w Qtz-Carb veining & hematite alteration	Nil	Nil
1102	6+00W 21+50N	Massive MMV (gabbro?) diss specular hematite	Nil	Nil
1103	12+00E 7+50N	Cherty Interflow seds. w <25% diss py.	Nil	Nil
1104	31+00E 8+00N	UM Dyke 80% amphiboles some carb.	Nil	Nil
1105	7+00E 24+00N	Silicified Pillows w glassy QVs	Nil Nil	Nil Nil
1106	7+00E 24+00N	Strongly gossaned pillow w diss po 3-5%	Nil	Nil
1107	7+00E 24+00N	Gossaned Pillow 1-2% diss po	Nil	Nil
1108	4+00E 21+00N	Sheared ash tuff w tr diss py	Nil	Nil
1109	22+00E 24+50S	Gossaned boulders 10% py-po, 5% mag.	Nil	Nil
1110	22+00E 24+50S	Gossaned boulders 3-5% py-po	Nil	Nil
1111	22+00E 24+50S	Gossaned boulders 5% py-po	Nil	Nil
1112	21+50E 24+50S	Aphanitic mafic-int. MV <1% py-po	Nil	Nil
1113	20+00E 25+00S	Porphyritic MV tr py	Nil	Nil
1114	13+00E 28+00N	Sericitized Lapilli tuff, diss py	30 20	0.001 0.001

Sample #	Location	Rock Description	PPB	oz Au/ton
1115	8+00E 29+00S	Silicified/ amphibolitized Fld porphyry.	Nil	Nil
1116	11+00E 28+00S	Amphibolitized & porphyritic pillowed basalt.	Nil	Nil
1117	8+00E 29+00S	Amphibolitized & Silicified pillowed basalt w diss py & po 5-8%	20	0.001
1118	6+50E 29+00S	Sulphide boulder 30-50% py, Rhyolitic matrix.	Nil	nil
1119	4+50E 31+00S	Amphi Mafic tuff w <1% py, po & cpy.	Nil	Nil
1120	4+50E 31+00S	Amph Lapilli Tuff tr py-po lapilli have gossaned edges.	10 10	Nil Nil
1121	0+00 34+00S	Amph Tholeiitic pillow basalt-locally gossaned w diss py-po.	10	Nil
1122	10+25W 26+00S	Amph pillow basalt w py-po veinlets in salvages, 2-3%	Nil	Nil
1123	7+50W 27+00S	Blue Qtz eye porphyry, possibly tuffaceous origin, 3-5% diss py.	Nil	Nil
1124	5+50W 28+00S	QV w chloritic xenoliths of country rock. Country rock amphibolitized Massive MV	Nil	Nil
1125	40+00E 22+50N	Mafic - Int. Lapilli Tuff, diss py 3-5%	Nil	Nil
1126	22+50E 25+00N	Altered MMV strong hematite staining, granitized gabbro, tr py.	10 20	Nil 0.001

Sample #	Location	Rock Description	PPB	oz Au/ton
1127	18+50W 23+00S	Soapstone-sheared gabbro, strong mag attraction talcose.	Nil	Nil
1128	16+50W 28+50S	Blue Qtz eye Porphyry tr sulp, tr carb	Nil	Nil
1129	32+00S 13+50W	Amph Mafic tuff tr diss py.	Nil	Nil
1130	14+00W 29+50S	Blue Qtz eye Porphyry <1/2% diss po.	Nil	Nil
1131	12+00W 33+80S	Amph MMV, tr diss py	Nil	Nil
1132	10+50W 26+00S	Black Fld Porphyry w cherty matrix. 1% py-po.	Nil	Nil
1133	9+50W 32+00S	Amph Mafic ash tuff 1-2% py-po	Nil	Nil
1134	8+80W 32+00S	Amph MMV 1-3% py-po	Nil	Nil
1135	8+80W 32+00S	Amph MMV 1-3% py-po	Nil	Nil
1136	8+80W 32+00S	Amph Mafic tuff, some sericitized laminae. 1-3% py-po	Nil	Nil
1137	31+80S 8+80W	Amph MMV 1-2% diss py-po	Nil	Nil
1138	31+80S 8+80W	Bleached MMV white mica tr diss py	Nil	Nil
1139	31+80S 8+80W	Amph MMV bleached white w some biotite, local float 8-10% py(po)	Nil	Nil
1140	8+00W 31+50S	Mafic Lapilli & ash tuffs amphibolitized 2-5% diss py.	Nil	Nil
1141	7+50W 27+00S	Amph MMV (Hornfels?) tr diss py strong magnetic attraction	Nil	Nil

Sample #	Location	Rock Description	PPB	oz Au/ton
1142	0+00 38.75S	Amph massive MMV w Framboidal py	30	0.001
1143	9+00E 32+00S	Fld Porphyry w rare blue Qtz eyes	Nil	Nil
1144	840ME, 200MN (Charger Resources grid)	70% py in sulphide boulders	Nil	Nil
1145	5+00E 35+00S	Chlorite Schist w glass Qtz stockwork tr py.	10	Nil
1146	4+00E 37+00S	Amph MMV w amygdules filled w white powder & py.	Nil	Nil
1147	SL1 493.0'-495.0'	Moderately sheared MMV w Fe-carb alt tr py, tr sericite.	Nil	Nil
1148	27+00E 1+50N	Fault breccia w Qtz tourmaline veinlets carb rich.	100	0.003
1149	7+00E 28+50N	Qtz-tourmaline Vein w tr diss py hosted by graphite schist	180 250	0.005 0.007
1150	7+25E 28+50N	Sericitized and sheared Qtz fld porphyry large Qtz crystals with hematized flds.	Nil	Nil
1151	8+00E 27+50N	Bleached & partially hematized massive MMV, tr carb & anker.	Nil	Nil

APPENDIX 2

SWASTIKA LABORATORIES LIMITED

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

Certificate of Analysis

Certificate No. 61135 Date: Sept. 30, 1985

Received Sept. 19, 1985 56 Samples of soil

Submitted by Silver Lake Resources Inc., Toronto, Ontario Att'n: J.R. Irusler

SAMPLE NO.	GOLD PPB	SAMPLE NO.	GOLD PPB	SAMPLE NO.	GOLD PPB
L10W-35N	Nil	L6W-35+50N	80	L2E-18+50N	10
34+50N	Nil	36+00N	Nil	L4E-29+50N	Nil
32+50N	70	L4W-35+00N	Nil	29+00N	Nil
L8W-35+50N	Nil	34+50N	Nil	28+50N	60
35+00N	Nil	34+00N	Nil	27+00N	35
34+50N	260	33+50N	5	L6E-29+00N	5
	225	L2W-35+00N	15	L8E-29+00N	Nil
33+50N	85	34+50N	Nil	28+75N	5
33+00N	Nil	34+00N	Nil	28+50N	365
32+50N	Nil	33+50N	Nil		455
31+50N	Nil	33+00N	5		285
30+50N	Nil	32+50N	Nil	28+25N	65
30+00N	30	20+50N	35	28+00N	10
L6W-31+00N	Nil		35	L10E-28+00N	80
32+00N	80	19+50N	Nil	29+50N	5
33+00N	15	32+00N	25	L0-20+00N	no sample
33+50N	Nil	31+50N	15	19+50N	Nil
34+00N	10	31+00N	Nil	18+00N	10
34+50N	580	L2E-27+00N	Nil	17+50N	10
	645	27+50N	Nil		
35+00N	85	28+00N	75		

Per G. Lebel
G. Lebel, Manager

ESTABLISHED 1928

SWASTIKA LABORATORIES LIMITED

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Certificate of Analysis

Certificate No. 61482 Date: November 11 1985

Received Oct.15/85 63 Samples of soil

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

SAMPLE NO.	GOLD PPB	SAMPLE NO.	GOLD PPB	SAMPLE NO.	GOLD PPB
L36E-21N	Nil	L34E-21 + 50N	Nil	L34E-29 + 25N	Nil
-21 + 25	Nil	-21 + 75	Nil	-29 + 50	Nil
-21 + 75	Nil	-22 + 25	Nil	L32E-24 + 25	Nil
-22 + 25	Nil		Nil	-24 + 50	Nil
-22 + 50	Nil	-22 + 50	Nil	-25 + 00	5
-22 + 75	5	-22 + 75	Nil	-25 + 25	10
-23 + 00	125	-23 + 00	Nil	-25 + 50	70
	135	-23 + 25	Nil		85
-23 - 25	Nil	-23 + 50	Nil	-26 + 50	Nil
-23 + 50	180	-23 + 75	Nil	-27 + 00	Nil
	145	-24 + 00	Nil	-27 + 25	Nil
-23 + 75	35	-24 + 25	Nil	-28 + 00	Nil
-24 + 00	20	-24 + 50	Nil	-28 + 25	Nil
-24 + 25	Nil	-24 - 75	Nil	-28 + 50	Nil
-24 + 50	Nil	-25 + 00	Nil	-28 + 75	Nil
-25 + 00	Nil	-25 + 25	Nil	-29 + 00	Nil
-25 + 25	Nil	-25 + 50	Nil	-29 + 25	Nil
-25 + 50	Nil	-26 + 00	Nil		Nil
-25 + 75	Nil	-26 + 25	Nil	-29 + 50	Nil
-26 + 00	Nil	-26 + 75	Nil	L34E 22 + 00	Nil
-26 + 25	Nil		5		
-27 + 25	Nil	-27 + 75	Nil		
-27 + 50	Nil	-28 + 50	Nil		
-28 + 00	Nil	-28 + 75	Nil		
		-29 + 00	Nil		

Per _____

G. Lebel -- Manager

SWASTIKA LABORATORIES LIMITED

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Certificate of Analysis

Certificate No. 61484 Date: November 13 1985

Received Oct.15/85 63 Samples of soil

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

"Rowan Lake Project"

SAMPLE NO.	GOLD PPB	SAMPLE NO.	GOLD PPB	SAMPLE NO.	GOLD PPB
L32E-24N	Nil	L16E-7+75N	Nil	L12E-27+50N	Nil
L24E-24N	Nil	-8+75N	Nil	-28N	Nil
-24+50N	Nil	-32+75N	Nil	-28+25N	Nil
-24+75N	Nil	-33N	Nil	-29+25N	30
	Nil	-33+50N	Nil		10
-25N	Nil	-33+75N	Nil	-29+75N	Nil
L28E-25+25N	Nil	-34N	50	-30N	40
-25+50N	Nil		10		90
-25+75N	Nil	-34+25N	Nil	-30+50N	30
-26N	Nil	-34+50N	Nil	-30+75N	Nil
-26+25N	Nil	-34+75N	Nil	-31N	Nil
-26+50N	Nil	L12E-3+50N	Nil	-31+50N	5
L20E-4+25N	Nil	-4N	Nil	-31+75N	Nil
-4+50N	Nil	-4+25N	Nil	-33N	Nil
-5+75N	10	-4+50N	Nil	-33+25N	Nil
-6+25N	Nil	-5N	Nil	-33+50N	Nil
-6+75N	5	-5+50N	Nil	-33+75N	5
-7N	Nil	-5+75N	10	-34N	5
-8+25N	Nil	-7+50N	5	-36N	5
L16E-4+50N	Nil	-7+75N	5		
-5+25N	Nil	-26+00N	Nil		
-6+75N	Nil	-26+75N	5		
-7N	Nil	-27N	15		
-7+50N	Nil	-27+25N	Nil		

Per G. Lebel -- Manager

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Certificate of Analysis

Certificate No. 61570 Date: November 15 1985

Received Oct.24/85 32 Samples of soil

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

SAMPLE NO.	GOLD PPB
L10W-35+75N	10
-29+50N	5
-29+25N	Nil
-28+75N	20
-28+50N	5
-25+50N	10
-25+25N	30
	15
-25+00N	5
-24+75N	10
-24+50N	Nil
-24+25N	Nil
L8W-35+75N	15
-35+25N	15
-32+75N	5
-31+75N	20
	Nil
L4W-35+50N	Nil
-35+25N	Nil
-34+75N	Nil
-34+25N	15
	Nil
-33+75N	Nil

SAMPLE NO.	GOLD PPB
L2W-34+75N	10
-34+25N	5
-33+75N	5
-33+25N	Nil
-32+75N	Nil
L2E-26+25N	Nil
-27+25N	Nil
L4E-29+25N	10
L6E-27+75N	290
-28+75N	10
L10E-30+50N	30
	50
L16W-28+50N	15

Per _____
G. Lebel -- Manager

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Certificate of Analysis

Certificate No. 61571 Date: November 15 1985

Received Oct.24/85 26 Samples of soil

Submitted by Silver Lake Resources Inc., Toronto, Ontario Att'n: Mr. J. Irusler

SAMPLE NO.	GOLD PPB
L6W-31+25N	5
-33+25N	Nil
-34+25N	15
-34+75N	260
-35+75N	Nil
L8W-30+25N	Nil
-33+25N	Nil
-34+75N	15
L10W-32+75N	440
-33+75N	5
-34+75N	Nil
L2E-27+75N	15
-29N	Nil
-29+50N	Nil
L4E-26+25N	Nil
-26+75N	5
-28+25N	Nil
-28+75N	5

SAMPLE NO.	GOLD PPB
L10E-26+25N	15
-26+75N	10
-27+75N	40
	125
-28+25N	5
-29+25N	10
L2W-20+25N	430
	680
-21+50N	15
-22N	10

Per G. Lebel -- Manager

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Certificate of Analysis

Certificate No. 60572 Date: November 18 1985

Received Oct.24/85 55 Samples of soil

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

Rowan Lake Project Samples per: Mr. L. Burden

SAMPLE NO.	GOLD PPB	SAMPLE NO.	GOLD PPB	SAMPLE NO.	GOLD PPB
L10W-24+00N	Nil	L6W-20+50N	10	L18W-23+25N	Nil
-23+75N	Nil	-21+00N	Nil	-23+50N	Nil
-23+50N	Nil	-22+00N	Nil	-24+00N	Nil
-23+25N	Nil	-22+50N	Nil	-24+50N	5
-23+00N	10	-23+00N	5	-25+00N	5
-36+50N	10	-23+50N	Nil	-25+25N	30
	Nil	-24+00N	Nil		70
-37+00N	10	-25+00N	Nil	-26+00N	Nil
-38+00N	Nil	-25+50N	Nil	L2W-30+50N	15
-38+50N	5	-26+00N	10	-29+50N	Nil
L6W -15+00N	Nil		Nil	-29+00N	5
-15+50N	Nil	-26+50N	Nil	-28+50N	Nil
-16+00N	Nil	-38+00N	Nil	-28+00N	50
-16+50N	Nil	-38+50N	5		40
-17+00N	Nil	-39+00N	10	-27+50N	10
-17+50N	Nil	L12W-23+00N	Nil	-26+50N	Nil
-18+00N	Nil	-23+25N	Nil	-25+50N	10
-18+50N	5	-23+50N	Nil	L2E-30+50N	Nil
-19+50N	Nil	-23+75N	Nil	-32+00N	Nil
-20+00N	15	-24+00N	Nil		

Per G. Lebel
G. Lebel -- Manager

Member Canadian Testing Association

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Certificate of Analysis

Certificate No. 61573 Date: Nov. 21, 1985

Received Oct. 24, 1985 53 Samples of soil

Submitted by Silver Lake Resources, Toronto, Ontario Att'n: J. Trusler

SAMPLE NO.	GOLD PPB
L2E-34+50N	Nil/15
35+50N	5
L10E-35+50N	Nil
35+00N	Nil
L6E-34+50N	10
	Nil
35+00N	5
35+50N	30
	10
36+00N	Nil
36+50N	Nil
L16W-29+25N	20
	40
29+00N	20
L18W-10+00N	Nil
11+50N	5
12+50N	Nil
13+00N	30
	20
14+50N	Nil
15+00N	Nil
15+25N	Nil
15+50N	Nil

SAMPLE NO.	GOLD PPB
L18W-16+25N	Nil
17+00N	Nil
17+25N	Nil
17+50N	185
	120
18+00N	Nil
18+50N	Nil
19+50N	10
21+50N	15
22+00N	10
22+50N	Nil
22+75N	Nil
L2W- 16+00N	Nil
17+00N	Nil
19+25N	60
	35
22+50N	Nil
23+50N	Nil
L6E- 29+25N	Nil
29+50N	20
	10
L8E- 30+00N	Nil
	15

SAMPLE NO.	GOLD PPB
L8E-29+75N	Nil
L10E-26+00N	Nil
29+75N	15
L0-12+50N	Nil
13+50N	Nil
14+75N	Nil
17+75N	Nil
19+75N	Nil
20+00N	Nil
	10
20+25N	15
	Nil
28+00N	Nil
28+25N	Nil
28+50N	Nil
29+00N	Nil

Per G. Lebel
G. Lebel, Manager

SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, SWASTIKA, ONTARIO P0K 1T0
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ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

Certificate of Analysis

Certificate No. 61574 Date: Nov. 21, 1985

Received Oct. 24, 1985 50 Samples of soil

Submitted by Silver Lake Resources, Toronto, Ontario

SAMPLE NO.	GOLD PPB	SAMPLE NO.	GOLD PPB	SAMPLE NO.	GOLD PPB
LO-29+50N	Nil	L2E-19+25N	20	L16W-27+25N	Nil
29+75N	5		Nil	27+75N	Nil
30+75N	Nil	20+50N	Nil	29+50N	Nil
31+00N	Nil	21+00N	Nil	29+00N	Nil
34+25N	Nil	21+50N	15	28+00N	15
34+50N	5		Nil		Nil
34+75N	Nil	22+00N	Nil	28+25N	Nil
35+00N	30	22+50N	Nil	L14W-10+00N	15
	Nil	L6W-15+00N	Nil	10+50N	Nil
36+75N	Nil	15+25N	Nil	11+00N	Nil
37+00N	Nil	15+50N	Nil	11+50N	Nil
L12W-24+25N	10	15+75N	Nil		20
24+50N	Nil	16+50N	Nil	12+00N	10
24+75N	5	16+75N	Nil	12+50N	Nil
25+00N	Nil	17+75N	15	13+00N	Nil
25+25N	5		40	13+50N	Nil
25+50N	Nil	18+00N	15		
26+00N	Nil	25+00N	5		
28+25N	Nil	24+25N	Nil		
29+00N	Nil	24+00N	5		

Per G. Lebel, Manager

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Certificate of Analysis

Certificate No. 61575 Date: Nov. 22, 1985

Received Oct. 24, 1985 49 Samples of soil

Submitted by Silver Lake Resources, Toronto, Ontario

SAMPLE NO.	GOLD PPB	SAMPLE NO.	GOLD PPB	SAMPLE NO.	GOLD PPB
L14W-14+00N	5	L14W-25+50N	Nil	L14W-38+00N	Nil
16+75N	Nil	27+00N	Nil	L10W-15+50N	Nil
18+50N	5	27+25N	Nil	17+00N	40
19+00N	5	27+50N	10		35
19+50N	5		10	17+50N	Nil
20+50N	5	27+75N	Nil	18+00N	Nil
	Nil	28+00N	Nil	18+50N	Nil
21+00N	Nil	28+25N	Nil	19+50N	Nil
21+50N	Nil	28+50N	Nil	20+00N	Nil
22+50N	Nil	28+75N	5	20+50N	5
22+75N	Nil	29+00N	5	21+00N	Nil
23+00N	Nil	29+25N	10	21+50N	Nil
23+25N	Nil	29+50N	20	22+00N	Nil
23+50N	Nil	31+00N	Nil	22+50N	Nil
	Nil	34N	40		
23+75N	Nil		50		
24+00N	Nil	34+50N	15		
24+50N	Nil	35+00N	5		
24+75N	5	35+50N	Nil		
25+25N	5	36+50N	Nil		

Per G. Lebel
G. Lebel, Manager

ESTABLISHED 1928

APPENDIX 3

TABLE # 2 Detailed Rock Sampling

Sample #	Location	Description	PPb Au	oz Au/ton
1201	3+44E over 3.5' width	Aphanitic carb. Alt sericitized mafic pillow basalt or pillow breccia. py < 2%	Nil	Nil
1202	3+55E over 3 ft.	Shear Zone, sericitized rusty.	Nil	Nil
1203	3+55E 33+46N -33+41N	Aphanitic carb altered mafic volcanic up to 5% py tending to occur in layers	Nil	Nil
1204	3+55E over 7.5 ft.	Altered MMV with Qtz-fld veins. Py in rust 3%.	130 210	0.004 0.006
1205	3.55E over 2.5 ft.	Shear zone adjacent to gabbro. Carbonate altered.	30	0.001
1206	3+60E over 4.25 ft	Chloritic gabbro, chlorite elongated & aligned	Nil	Nil
1207	3+58E 3+30N	Shear adjacent to gabbro Fuchsite 1%, Qtz veinlets w euhedral py < 3%.	Nil	Nil
1208	4+00E 3+58N	Strongly Aphanitic Carbonate altered rock with sugary Qtz lenses, py <3%	Nil	Nil
1209	4+00E 3+57N-3+51N	Partly sheared, Aphanitic Carb altered w 1-2% fuchsite rusty, 10% chlorite.	Nil	Nil
1210	4+15E 33+58N	Aphanitic Carb Alt. mafic volcanic w 30% chlorite, 1% diss py.	Nil	Nil
1211	4+05E 33+40N 33+46N	Qtz-breccia, 20% coarse fld crystals 2-5% py in rusty clasts	40	0.001

Sample #	Location	Description	PPb Au	oz Au/ton
1212	3+65E 33+45N	Shear zone, rusty chloritized, sericitized. Fld 5-10%	Nil	Nil
1213	4+05E 33+46N 33+52N	Qtz breccia. Rusty clasts w <5% py in Qtz-Plag veins	70	0.002
1214	3+80E 33+40N	Aphanitic Carb altered rock, 2cm wide QV w py 5%. py 15% in host	480 550	0.014 0.016
1215	3+80E 33+50N	Qtz breccia, 20% fld-qtz w 1% py. Host & clasts rusty w 5% py.	120	0.004
1216	3+90E 33+40N	Aphanitic Carb alt. MMV 2cm wide QV, 1% py.	30	0.001
1217	4+08E 33+46N 33+52N	Shear zone, and massive wall rock, Aphanitic Carb altered rusty with 2cm Qtz veins, <2% py, tr fuchsite.	210	0.006
1218	3+75E 33+30N	Aphanitic Carb altered w QV 5cm. Fuchsite 1% py 2-3% diss	100	0.003
1219	6+21E 34+08N	Aphanitic Carb altered rusty pillow basalt + 1.5cm QV, py <2% diss	250	0.007
1220	6+32E 34+10N 34+15N	Aphanitic Carb altered pillow basalt. 1% py, QV 72cm wide.	Nil	Nil
1221	6+22E 34+08N	Aphanitic Carb altered basalt, Qtz-fld vein 3cm wide, py 1% in basalt.	Nil	Nil
1222	6+32E 34+10N	Caronatized MMV with 1mm wide qtz veinlets diss py 1%	Nil	Nil

Sample #	Location	Description	PPb Au	oz Au/ton
1223	6+26E 34+13N	Carbonatized rusty MMV with qtz-feld veinlets py in strongly silicified zones up to 2%.	10	Nil
1224	6+32E 34+07-09N	Rusty carbonatized sheared MMV with 1cm wide qtz veinlets tr py	Nil	Nil
1225	6+32E 34+05N	Partially carbonatized MMV, tr py	Nil	Nil
1226	6+00E 35+58-62N	Strongly carbonatized sheared MMV, up to 5% veinlets 1mm, up to 2% py in chloritic areas	Nil	Nil
1227	6+00E	Carbonatized rusty pillowed MMV 1% diss py	Nil	Nil
1228	6+00E 36+80N	Carbonatized MMV with up to 15% diss py	2170 1990	0.063 0.058
1229	6+00E 36+77-79.5N	Carbonatized pillowed MMV with 5-10% qtz veinlets and 1% diss py	30	0.001
1230	5+94E 36+80N	Carbonatized MMV 5-10mm wide qtz veinlets. Enhedral py x/s dissemated, 1% py.	Nil	Nil
1231	6+02E 36+85N	Qtz-feld veins in carbonatized MMV. Veins make up 20% of rock, sericitized, tr py.	Nil	Nil
1232	6+02E 36+89-94N	Weak to moderately foliated carbonatized pillow MMV, rusty with <1% diss py.	Nil	Nil
1233	6+00E 36+86.5-89N	Rusty shear zone strongly carbonatized, 2mm qtz veinlets at low angles to strong foliation tr py.	Nil	Nil

Sample #	Location	Description	PPb Au	oz Au/ton
1234	6+00E 36+81.5-84N	Rusty carbonatized pillowed MMV with some qtz veinlets	30	0.001
1235	6+00E 36+79.5-81.5N	Carbonatized rusty MMV wity rusty qtz veinlets	30	0.001
1236	6+00E 35+66N	Rusty carbonatized pillowed MMV, 1% diss py	Nil	Nil
1237	6+00E 34+15-16.5N	Sheared carbonatized pillowed MMV with qtz-feld veins comprising 10-15% of rock, 1% diss py	70	0.002
1238	1+23W 31+70N chip across 3'	Moderately foliated rusty gabbro and subhorizontal qtz veins (50% of sample)	40	0.001
1239	1+30W 31+72N chip across 2'	Strongly foliated rusty gabbro 1-3% diss py	Nil	Nil
1240	1+30W 31+71N chip across 1.5'	Carbonatized gabbro with qtz veins (20% of sample) py up to 15% in altered areas	750 1100	0.022 0.032
1241	1+32W 31+73N chip across 1.5'	Silicified and carbonatized gabbro with qtz veins (10% of sample) py up to 15% in altered areas	140	0.004
1242	1+85W 31+69N chip across 1.5'	Altered gabbro & qtz veins (10% of sample) locally strongly silicified, 2-3% diss py	70	0.002
1243	1+98W 31+69N chip across 4.0'	Silicified and sericitized gabbro moderately to strong foliated with qtz veinlets. < 5% diss py	180	0.005
1244	1+98W 31+67N chip across 3.5'	Altered gabbro with qtz veins (5% of sample) weakly to moderately silicified & carbonatized with up to 5% diss py in sericitized zones	30	0.001

Sample #	Location	Description	PPb Au	oz Au/ton
1245	6+37W 34+72.5-77N	Carbonatized MMV with qtz-feld veins (20% of sample) 1% py in veinlets	60	0.002
1246	6+20W 34+59-62.5N	Rusty carbonatized pillowed MMV with 1% diss py	Nil	Nil
1247	6+20W 34+55-59N	Carbonatized rusty MMV with <1% py	Nil	Nil
1248	6+20W 34+52-55N	Carbonatized MMV with qtz-feld veinlets, 1% diss py	Nil	Nil
1249	6+20W 34+47.5-52N	Carbonatized MMV with abundant qtz-feld veinlets 1% diss py	Nil	Nil
1250	6+02W 34+59-65N	Carbonatized MMV with abundant cross cutting feld veinlets <2% diss py	40	0.001
1251	6+08W 34+49.5-50N	Sheared MMV carbonatized sericitized Up to 15% py in veins parallel to foliation	Nil	Nil
1252	6+08W 34+50-52N	Moderate to strongly foliated MMV with qtz-feld veinlets, diss enhedral py <2%	140 170	0.004 0.005
1253	5+98W 34+60.5-65N	Carbonatized MMV with some cross cutting qtz veinlets py 1%	50	0.001
1254	6+04.5W 34+57.5-59N	Carbonatized and sericitized MMV with 15% py	170	0.005
1255	5+99W 34+63N	Coarse feld veins with 1% py, minor qtz	Nil	Nil
1256	6+05W 34+56-57.5N	Carbonatized pillowed MMV with 1% py	180	0.005
1257	6+11W 34+52N	Silicified MMV with 10-15% py	260	0.008
1258	6+14.5W 34+54N	Carbonatized rusty MMV <2% diss py	30	0.001

Sample #	Location	Description	PPb Au	oz Au/ton
1259	6+11W 34+55N	Rusty carbonatized MMV enhedral py 1-5%	130	0.004
1260	6+11.5W 34+49-50N	Sheared MMV 10% diss py	10	Nil
1261	9+03W 31+72-73N	Strongly altered gabbro 30-40% qtz-feld veins	110	0.003
1262	9+03W 31+73-74N	Sheared gabbro with green mica (fuchsite) < 2% finely diss py	50	0.001
1263	9+04W 31+68-72N	Rusty carbonatized gabbro	780	0.023
1264	9+19.5W 31+76-82N	Altered gabbro with up to 30% qtz-feld veins < 2% diss py	860 820	0.025 0.024
1265	9+20.5W 31+82-83N	Sheared gabbro, carbonate, sericite < 1% diss py	30	0.001
1266	9+16.5W 31+77-81N	Altered gabbro, weakly to moderately foliated locally up to 5% diss py	30	0.001
1267	9+17W 31+79.5N	Rusty quartz vein with with carbonatized host rock 10% diss py	40	0.001
1268	6+09.5W 34+50N	Foliated & sericitized MMV up to 50% qtz veins 1% diss py	10	Nil
1269	6+05W 34+52N	Sheared MMV sericitized and carbonatized with up to 50% qtz veins	Nil	Nil
1270	6+21W 34+47N	Qtz-feld vein, 1% py	30	0.001
1271	9+21.5W 31+75N	Rusty carbonatized gabbro with glassy qtz veins 1% py	10	Nil
1272	9+31.5W 31+71N	Carbonatized shear in gabbro, no visible py	Nil	Nil

Sample #	Location	Description	PPb Au	oz Au/ton
1273	6+41W 31+81N	Weakly foliated carbonatized gabbro finely diss py up to 15%	150	0.004
1274	9+27W 31+83N	Qtz-feld vein within carbonatized gabbro no visible py	60	0.002
1275	9+28W 31+84-85N	Sheared carbonatized & silicified gabbro, 1-2% py, 5-10% sugary qtz veinlets	30	0.001
1276	30+66E 23+55-60N	Carbonatized sericite schist, up to 5% py	Nil	Nil
1277	30+66E 23+45-50N	Rusty, carbonatized silicified MMV schist 1-3% diss py	Nil	Nil
1278	30+80E 23+33N	Rusty carbonatized silicified sericite schist 1% py	20	0.001
1279	30+84E 23+33-38N	Rusty carbonatized, silicified sericite schist 1% py	990 1100	0.029 0.032
1280	30+78E 23+43-48N	Rusty carbonatized silicified sericite schist 1% py	10	Nil
1281	30+85E 23+22N	Rusty carbonatized silicified sericite schist 1% py	Nil	Nil
1282	31+02E 23+18N	Silicified, sericitized MMV with 2% py	70	0.002
1283	31+28E 23+31N	Feld-qtz vein 1% py	560	0.016
1284	31+18E 23+31N	Strongly silicified MMV $<1\%$ py	Nil	Nil
1285	31+33E 23+25.5N	Strongly silicified MMV $<1\%$ py	620	0.018
1286	NO SAMPLE TAKEN			

Sample #	Location	Description	PPb Au	oz Au/ton
1287	30+92E 23+22-28N	Rusty silicified sericitized carbonatized schist 1% py	40	0.001
1288	31+00E 3+18-22N	Silicified sericitized slightly carbonatized schist 2% py	520	0.015
1289	32+45-50E 23+08N	Rusty silicified sericitized schist 1% py up to 20% qtz-feld veins	50	0.001
1290	32+50-53E 23+08N	Rusty silicified sericite schist with 10% qtz-feld veins 1% py	60	0.002
1291	31+31E 23+35.5-38N	Rusty silicified, carbonatized sericite schist 2% py	30	0.001
1292	31+31E 23+31.5-35.5N	Rusty silicified, carbonatized sericite schist 2% py	Nil	Nil
1293	30+78E 23+38-43N	Rusty silicified carbonatized sericite schist 2% py	70	0.002
1294	30+66W 23+50-55N	Rusty silicified carbonatized sericite schist 2% py	Nil	Nil
1295	32+36E 21+74N	Rusty silicified sericitized MMV 1% py	10	Nil
1296	31+96E 21+11-15.5N	Strongly foliated sericitized and silicified MMV with up to 10% py	210	0.006
1297	31+98E 21+22N	Silicified and carbonatized MMV 1% py	Nil	Nil
1298	31+96.5E 21+25.5N	Rusty, Sericitized and silicified MMV, 2-3% py	30	0.001
1299	31+94.5E 21+27.5N	Silicified MMV with qtz veins 2-5% py	Nil	Nil
1300	31+98E 21+28.5-32N	Rusty sericitized MMV no visible py	30	0.001

Sample #	Location	Description	PPb Au	oz Au/ton
1301	32+00E 21+32N	Sericitized and carbonatized schist 1% py	130	0.004
1302	31+99E 21+32-36N	Rusty silicified and carbonatized MMV 1% py	60	0.002
1303	31+96E 21+36N	Silicified and carbonatized sericitized schist 5% py	90	0.003
1304	32+03E 21+35.5N	Carbonatized and silicified MMV with 5-8% py	550 550	0.016 0.016
1305	32+06E 21+39-44N	Carbonatized and sericitized MMV 1% py	30	0.001
1306	32+06E 21+40-42.5N	Rusty sericitized schist 1% py	Nil	Nil
1307	32+09.5E 21+44.5-47.5N	Carbonatized rusty MMV with 1% py	40	0.001
1308	32+08.5E 21+47.5N	Rusty carbonatized and silicified MMV with 5-10% qtz-feld veins 1% py	30	0.001
1309	32+08.5E 21+47.5-50.5N	Rusty carbonatized and silicified MMV no py	Nil	Nil
1310	32+10E 21+52N	Rusty carbonatized sericite schist 1% py	Nil	Nil
1311	32+15E 21+75N	Rusty carbonatized sericitic schist no visible py	Nil	Nil
1312	31+99E 21+28N	Carbonatized and silicified sericite schist 1% py	Nil	Nil
1313	32+19.5E 21+62N	Carbonatized and silicified sericite schist 1% py	Nil	Nil
1314	32+19.5E 21+66N	Carbonatized and silicified MMV No visible py	10	Nil
1315	32+20E 21+67N	Carbonatized silicified sericite schist 1-2% py minor qtz veins	Nil	Nil

Sample #	Location	Description	PPb Au	oz Au/ton
1316	30+91E 23+28-33N	Carbonatized and silicified sericite schist 1% py	100	0.003
1317	19+00E 26+90-93N	Silicified and slightly carbonatized MMV, 1% py	Nil	Nil
1318	19+00E 26+98-27+00N	Rusty carbonated MMV 1% py	Nil	Nil
1319	19+00E 26+93-26+98N	Rusty carbonated MMV <1% py	10	Nil
1320	19+00E 26+85-88N	Rusty carbonated MMV <1% py	Nil	Nil
1321	19+00E 26+78-83N	Rusty carbonated MMV <1% py	Nil	Nil
1322	19+00E 26+83-85N	Rusty carbonated MMV <1% py	Nil	Nil
1323	13+97W 17+98-18+03N	Strongly sheared rusty chert with QV parallel to foliation, 5-10% py	10	Nil
1324	14+00W 18+03-08N	Carbonatized MMV local sericite schist py 5%	Nil	Nil
1325	14+03W 18+08-13N	Cherty carbonatized locally sheared MMV <10% py	Nil	Nil
1326	14+06W 18+13-18N	Cherty carbonatized sheared MMV 10-15% py	100 140	0.003 0.004
1327	14+09W 18+18-23N	Cherty carbonatized MMV with qtz vein <10% py	10	Nil
1328	14+28W 18+23-28N	Rusty cherty carbonatized MMV with 10% feld veins <10% py	30	0.001
1329	14+15W 18+28-31N	Cherty carbonatized MMV with qtz-feld veinlets 15-20% diss py	40	0.001
1330	13+93W 18+00N	Carbonatized foliated MMV finely diss py < 5%	Nil	Nil
1331	13+91W 18+04N	Rusty, cherty, carbonatized MMV, finely diss py 10-15%	Nil	Nil

Sample #	Location	Description	PPb Au	oz Au/ton
1332	13+88W 18+05N	Silicified sheared MMV 5-10% diss py	Nil	Nil
1333	13+89W 18+06N	Sheared, rusty, cherty rock with <10% finely diss py	Nil	Nil
1334	8+87W 18+07-08N	Sheared, sericitized carbonatized MMV 1% py	Nil	Nil
1335	8+82W 18+05-07N	Carbonatized rusty shear, no visible py	Nil	Nil
1336	8+79W 18+00N	Sheared carbonatized MMV, chlorite 1% diss py	Nil	Nil
1337	8+75W 17+95-98N	Carbonatized friable sheared MMV up to 40% py strongly sericitized and silicified	30	0.001
1338	8+75W 17+96N	Carbonatized tuff strongly sheared with up to 40% finely diss py, rusty and friable	30	0.001
1339	8+75W 17+93N	2 cm wide rusty glass qtz vein in a intermediate tuff, total py 3%	4110	0.120
1340	8+74W 18+11-14N	Sheared, carbonatized rusty MMV with up to 50% diss py	Nil	Nil
1341	8+70W 18+23-27N	Sheared, carbonatized and silicified MMV with up to 3% diss py	110	0.003
1342	8+69W 18+27-30N	Sheared silicified & carbonatized MMV with up to 2% diss py	Nil	Nil
1343	8+67W 18+30-33N	Sheared, silicified and carbonatized MMV with <5% diss py	Nil	Nil
1345	8+74W 18+13N	Sheared MMV 50% finely diss py	Nil	Nil
1346	13+75W 7+00N	Gabbro, medium grained weakly foliated	Nil	Nil

Sample #	Location	Description	PPb Au	oz Au/ton
1347	14+32-35W 6+38N	Int. carbonatized MV with qtz veinlets 2% py	2000 1920	0.058 0.056
1348	14+30W 6+80N	Carbonatized MMV with minor qtz veinlets <1% py	60	0.002
1349	14+55W 6+80N	Int. lapilli tuff, carbonate	Nil	Nil
1350	13+80W 6+80N	Gabbro, carbonatized with minor qtz veinlets <1% py	Nil	Nil
1351	14+55W 6+40N	Foliated, sericitized MMV	Nil	Nil
1352	14+05W 6+70N	Foliated intermediate tuff	Nil	Nil
1353	14+10W 6+70N	Foliated int. tuff <1% py	930	0.027
1354	14+75W 6+70N	Int. lapilli tuff	Nil	Nil
1355	13+80W 7+00N	Weakly foliated gabbro	Nil	Nil
1356	13+85W 7+00N	Gabbro	Nil	Nil
1357	14+25W 6+75N	Int. to felsic tuff minor sericite	Nil	Nil
1358	13+95W 6+80N	Mafic metavolcanic	Nil	Nil
1359	14+50W 6+50N	Int. lapilli tuff	Nil	Nil
1360	14+45W 6+50N	Int. to mafic MV	Nil	Nil
1361	14+30W 6+50N	Altered tuff, qtz rich sericitized	510	0.015
1362	14+10W 18+20N	Rubble from old trench strongly gossaned	10	Nil
1363	14+25W 6+65N	Int. tuff	10	Nil

Sample #	Location	Description	PPb Au	oz Au/ton
1364	14+20-25W 6+40N	Silicified tuff with glassy qtz vein 5% py	2540	0.074
1365	14+10W 6+55N	Gossaned silicified MV with glassy qtz veinlets 10-15% py	3420 3430 3090 3290	0.100 0.100 0.090 0.096
1366	14+00W 6+70N	Int. lapilli tuff	270	0.008
1367	14+15W 6+60N	Int. lapilli tuff, py in small veinlets or as enhedral cubes 3-5% py	1750	0.051
1368	14+25W 6+85N	Magic MV sericitized and slightly foliated	Nil	Nil
1369	14+25W 6+55N	Int. MV with pods of granular chlorite (10%) granitic appearence 5% py	880	0.026
1370	14+30W 6+70N	Int. to felsic tuff, gossan, 10% qtz veins, 5-10% py	750	0.022
1371	14+10-16W 6+45N	Rusty MV, highly altered, minor glassy qtz veins, 5-10% py	2740	0.080
1372	14+00W 6+65N	Int. tuff, fine grained	70	0.002
1373	14+35W 6+60N	Int. tuff, fine grained	Nil	Nil
1374	14+38-42W 6+38N	Silicified MV, <5% chlorite pods, <10% py as large cubes	1090	0.032
1375	14+16-20W 6+40N	Silicified MV with glassy qtz veinlets, <5% py as large cubes	2260	0.066
1376	14+35-38W 6+38N	Rusty MV with 5% py	1510	0.044
1377	13+95W 6+60N	Int. tuff, fine grained	Nil	Nil

Sample #	Location	Description	PPb Au	oz Au/ton
1378	14+25W 6+70N	Int. tuff, fine grained	Nil	Nil
1379	14+25W 6+60N	Int. tuff, 5% py tr qtz veinlet	40	0.001
1380	14+00W 6+55N	Int. tuff, slight sericitization tr enhedral py	10	Nil
1381	14+35W 6+70N	Int - felsic tuff with sugary to glassy qtz veinlets 2-3% py	550	0.016
1382	14+25-29W 6+40N	Int - mafic MV, gossaned 10% py	3220 3770	0.094 0.110
1383	14+14-21W 6+55N	Altered Int. tuff, gossan patches qtz veinlets, <5% diss py	1480	0.043
1384	14+35W 6+40N	Altered Int. MV, 10% py, qtz veins	1140	0.033
1385	14+25W 6+50N	Strongly altered MV, hematitic staining 10% py as large cubes	140	0.004
1386	13+95W 6+70N	Silicified lapilli tuff with minor glassy qtz veinlets	Nil	Nil
1387	14+00W 6+60N	Int. tuff, slightly sericitized with minor qtz veinlets, tr py	270	0.008
1388	14+65W 6+50N	Int. lapilli tuff	Nil	Nil
1389	14+75W 6+35N	Int. lapilli tuff, < 1% py	Nil	Nil
1390	14+65W 6+90N	Silicified gabbro	10	Nil
1391	14+55W 7+00N	Carbonatized gabbro	Nil	Nil
1392	13+85W 6+80N	Int. tuff, fine grained	2540	0.074

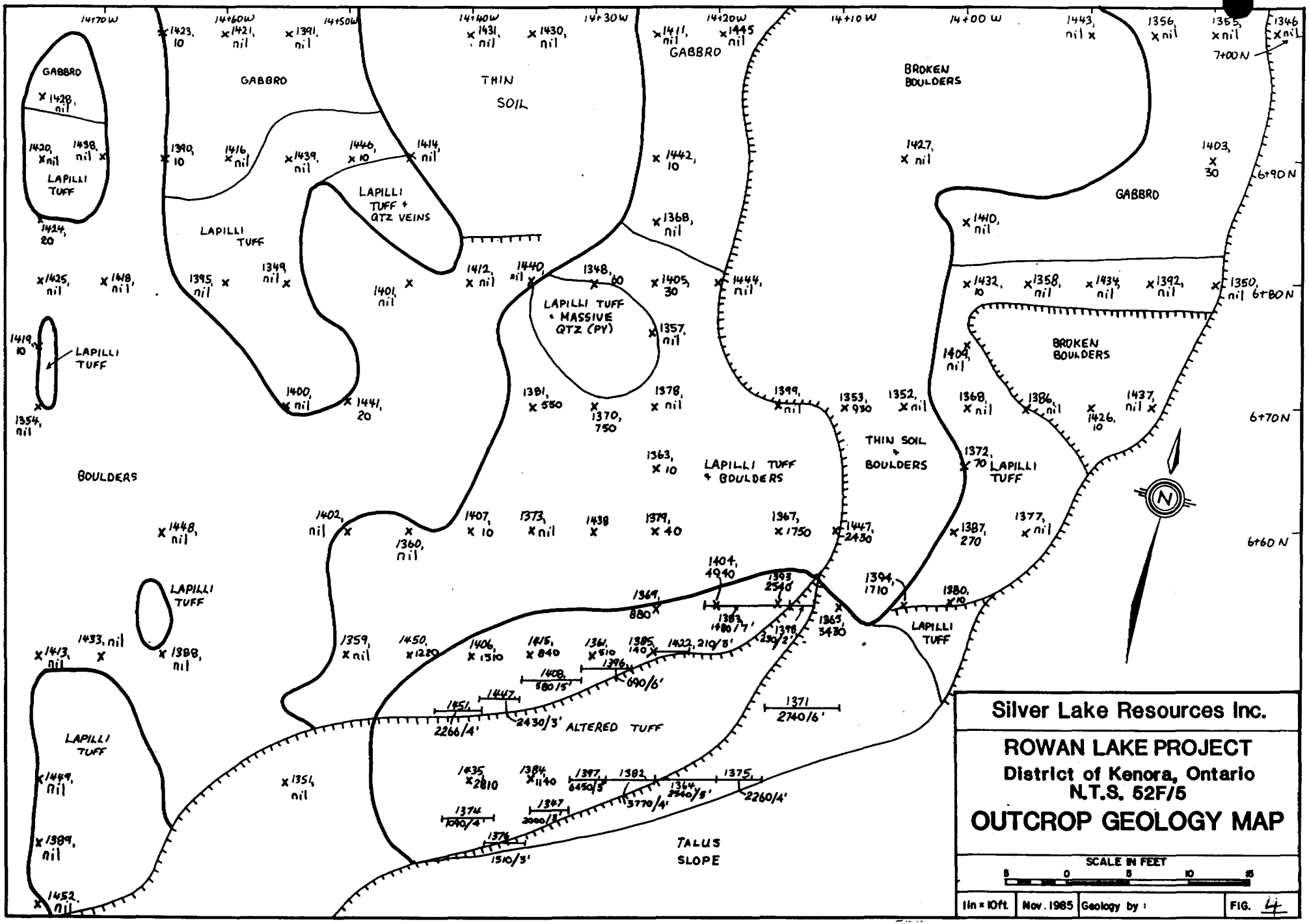
Sample #	Location	Description	PPb Au	oz Au/ton
1393	14+15W 6+55N	Bleached, silicified tuff glassy qtz veinlets 10% diss py as large enhedral x/s	2540	0.074
1394	14+05W 6+55N	Strongly altered tuff gossaned, qtz-feld veinlets, 2-3% py	1710	0.050
1395	14+60W 6+80N	Silicified lapilli tuff minor glassy qtz veins tr py	Nil	Nil
1396	14+25-31W 6+50N	Strongly altered tuff stained orange-pink, sample contains up to 20% glassy qtz, 10% diss py as large enhedral x/s	690	0.020
1397	14+29-32W 6+40N	Stronly altered tuff, stained orange-pink, minor glassy qtz, 10% diss py	6240 6450 5620 5210	0.182 0.188 0.152 0.164
1398	14+12-14W 6+55N	Altered int. tuff orange-pink staining, $<$ 10% diss py	230	0.007
1399	14+15W 6+70N	Int. tuff fine grained	Nil	Nil
1400	14+55W 6+70N	Silicified int. tuff, tr rusty patches	Nil	Nil
1401	14+45W 6+80N	Silicified tuff with minor qtz sweats 1% py	Nil	Nil
1402	14+50W 6+60N	Int. lapilli tuff, $<$ 1% py	Nil	Nil
1403	13+80W 6+90N	Gabbro, fine grained, minor qtz veining, $<$ 1% py	30	0.001
1404	14+20W 6+55N	Silicified tuff with minor glassy qtz vein, $<$ 15% py	3570 4940	0.104 0.144
1405	14+25W 6+80N	Silicified lapilli tuff	30	0.001
1406	14+40W 6+50N	Strongly silicified tuff up to 5% py	1510	0.044

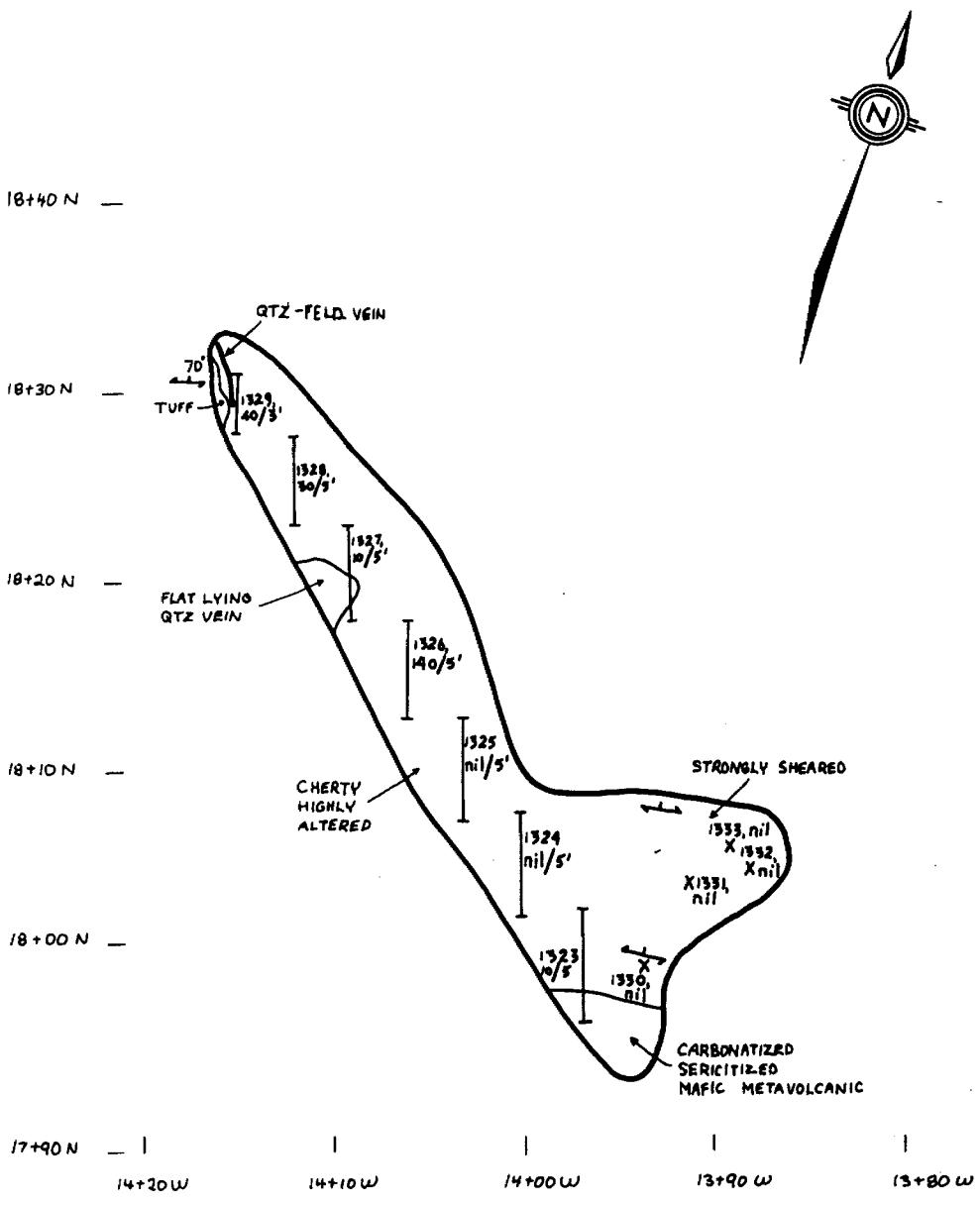
Sample #	Location	Description	PPb Au	oz Au/ton
1407	14+40W 6+60N	Int. lapilli tuff	10	Nil
1408	14+31-36W 6+48N	Strongly silicified tuff 30-40% of sample consists of qtz sweats < 15% py	580	0.017
1409	14+00W 6+85N	Mafic to int. tuff	Nil	Nil
1410	14+00W 6+85N	Gabbro, med. grained	Nil	Nil
1411	14+25W 7+00N	Gabbro, fine grained minor carbonate	Nil	Nil
1412	14+40W 6+80N	Int. tuff with milky white qtz veinlet 1% py	Nil	Nil
1413	14+75W 6+50N	Int. lapilli tuff < 1% py	Nil	Nil
1414	14+45W 6+90	Int - felsic lapilli tuff	Nil	Nil
1415	14+35W 6+50N	Strongly altered tuff < 15% py as large enhedral cubes, minor milky white qtz	840	0.025
1416	14+60W 6+90N	Gabbro, chloritized	Nil	Nil
1417	14+10W 6+60N	Int. tuff < 5% py as enhedral cubes	2740 3220	0.080 0.094
1418	14+70W 6+80N	Int. - felsic tuff	Nil	Nil
1419	14+75W 6+75N	Cherty lapilli tuff with pitted weathered surface	10	Nil
1420	14+75W 6+90N	Int. tuff, aphanitic	Nil	Nil
1421	14+60W 7+00N	Gabbro, fine grained carbonatized	Nil	Nil
1422	14+22-25W 6+50N	Altered felsic tuff < 10% py with minor rusty qtz veins	210	0.006

Sample #	Location	Description	PPb Au	oz Au/ton
1423	14+65W 7+00N	Gabbro, carb alteration	10	Nil
1424	14+75W 6+85N	Aphanitic mafic tuff with small white qtz vein	20	0.001
1425	14+75N 6+80N	Felsic tuff with weathered out fragments	Nil	Nil
1426	13+80W 6+70N	Silicified lapilli tuff	10	Nil
1427	14+05W 6+90N	Gabbro, minor carbonate	Nil	Nil
1428	14+75W 6+95N	Gabbro, rusty surface	Nil	Nil
1429	14+75W 6+45N	Lapilli tuff silicified < 2% py cubes	100	0.003
1430	14+35W 7+00N	Gabbro, 10% py rusty weathered surface	Nil	Nil
1431	14+40W 7+00N	Gabbro, < 10% py rusty weathered surface	Nil	Nil
1432	14+00W	Lapilli tuff	10	Nil
1433	14+70W 6+50N	Int. lapilli tuff	Nil	Nil
1434	13+90W 6+80N	Int. tuff, weakly foliated	Nil	Nil
1435	14+40W 6+40N	Int. tuff, sericite with minor qtz veinlets 2% py	2810 2610	0.082 0.076
1436	14+70W 6+90N	Int. tuff, aphanitic	10	Nil
1437	13+85W 6+70N	Int. tuff, silicified	Nil	Nil
1438	14+30W 6+60N	Int. tuff	Nil	Nil
1439	14+55W 6+90N	Int. tuff, minor siliceous veinlets and qtz veinlets py <1% as small cubes	Nil	Nil

Sample #	Location	Description	PPb Au	oz Au/ton
1440	14+35W 6+80N	Int. tuff, silicified	Nil	Nil
1441	14+50W 6+70N	Massive qtz hosted in silicified lapilli tuff <1% py	20	0.001
1442	14+25W 6+90N	Gabbro	10	Nil
1443	13+90W 7+00N	Gabbro	Nil	Nil
1444	14+20W 6+80N	Lapilli tuff silicified	Nil	Nil
1445	14+20W 7+00N	Gabbro	Nil	Nil
1446	14+50W 6+90N	Chertz tuff	10	Nil
1447	14+36-39W 6+47N	Massive qtz with silicified altered country rock 15% py	2430	0.071
1448	14+65W 6+60N	Int. lapilli tuff	Nil	Nil
1449	14+75W 6+40N	Int. lapilli tuff with minor silica veinlet	Nil	Nil
1450	14+45W 6+50N	Tuff, strongly silicified 5% py	1220	0.036
1451	14+39-43W 6+45N	Tuff, strongly altered and stained pink-orange	1920 2260	0.056 0.066
1452	14+75W 6+30N	Int. lapilli tuff 1% py	Nil	Nil
1453	8+71W 18+19N	Strongly sheared, sericitized mafic MV <15% py in pods parallel to foliation	Nil	Nil
1454	6+30E 34+15-16N	Sericitized, carbonatized pillowed mafic MV	150	0.005

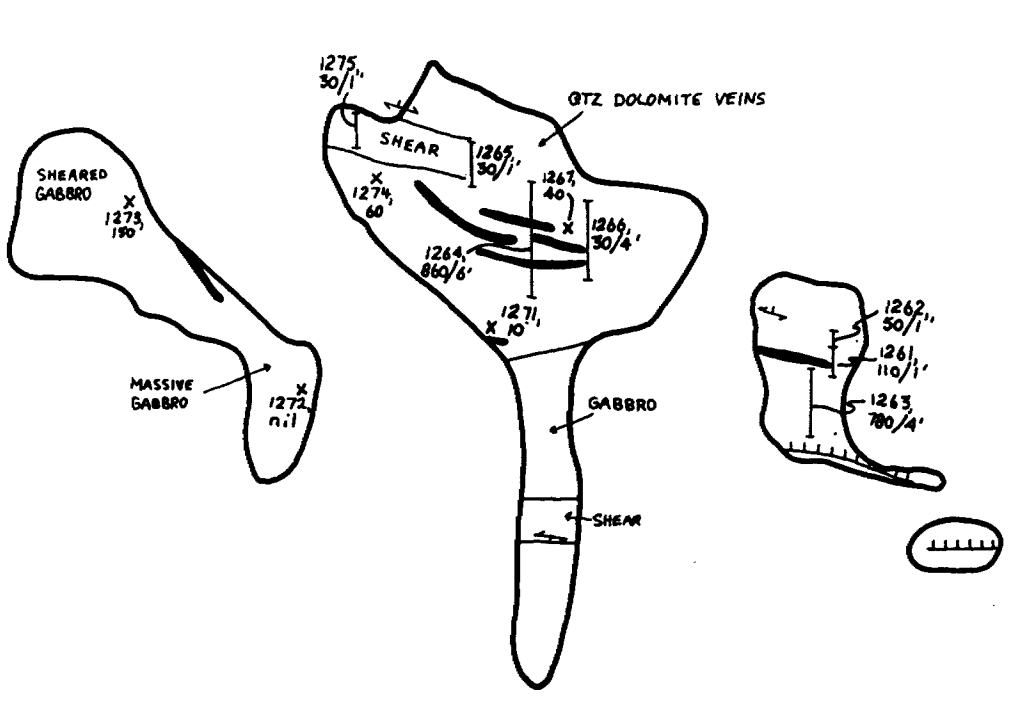
APPENDIX 4


14+70W
14+60W
14+50W
14+40W
14+30W
14+20W
14+10W
14+00W
7+00N
6+90N
6+80N
6+70N
6+60N
GABBRO
LAPILLI TUFF
GABBRO
THIN SOIL
LAPILLI TUFF + QTZ VEINS
LAPILLI TUFF
LAPILLI TUFF + MASSIVE QTZ (PY)
GABBRO
BROKEN BOULDERS
GABBRO
BROKEN BOULDERS
LAPILLI TUFF
BOULDERS
LAPILLI TUFF + BOULDERS
THIN SOIL + BOULDERS
LAPILLI TUFF
LAPILLI TUFF
LAPILLI TUFF
LAPILLI TUFF
2430/3' ALTERED TUFF
TALUS SLOPE
N
Silver Lake Resources Inc.
ROWAN LAKE PROJECT
District of Kenora, Ontario
N.T.S. 52F/5
OUTCROP GEOLOGY MAP
SCALE IN FEET
5 0 5 10 15
1in = 10ft.
Nov. 1985
Geology by :
FIG. 4



Assay results in ppb Au

Silver Lake Resources Inc.			
ROWAN LAKE PROJECT **District of Kenora, Ontario** **N.T.S. 52F/5** **OUTCROP GEOLOGY MAP**			
SCALE IN FEET 5 0 5 10 15			
1in = 10ft.	Nov. 1985	Geology by :	FIG. 5



Assay results in ppb Au

Silver Lake Resources Inc.

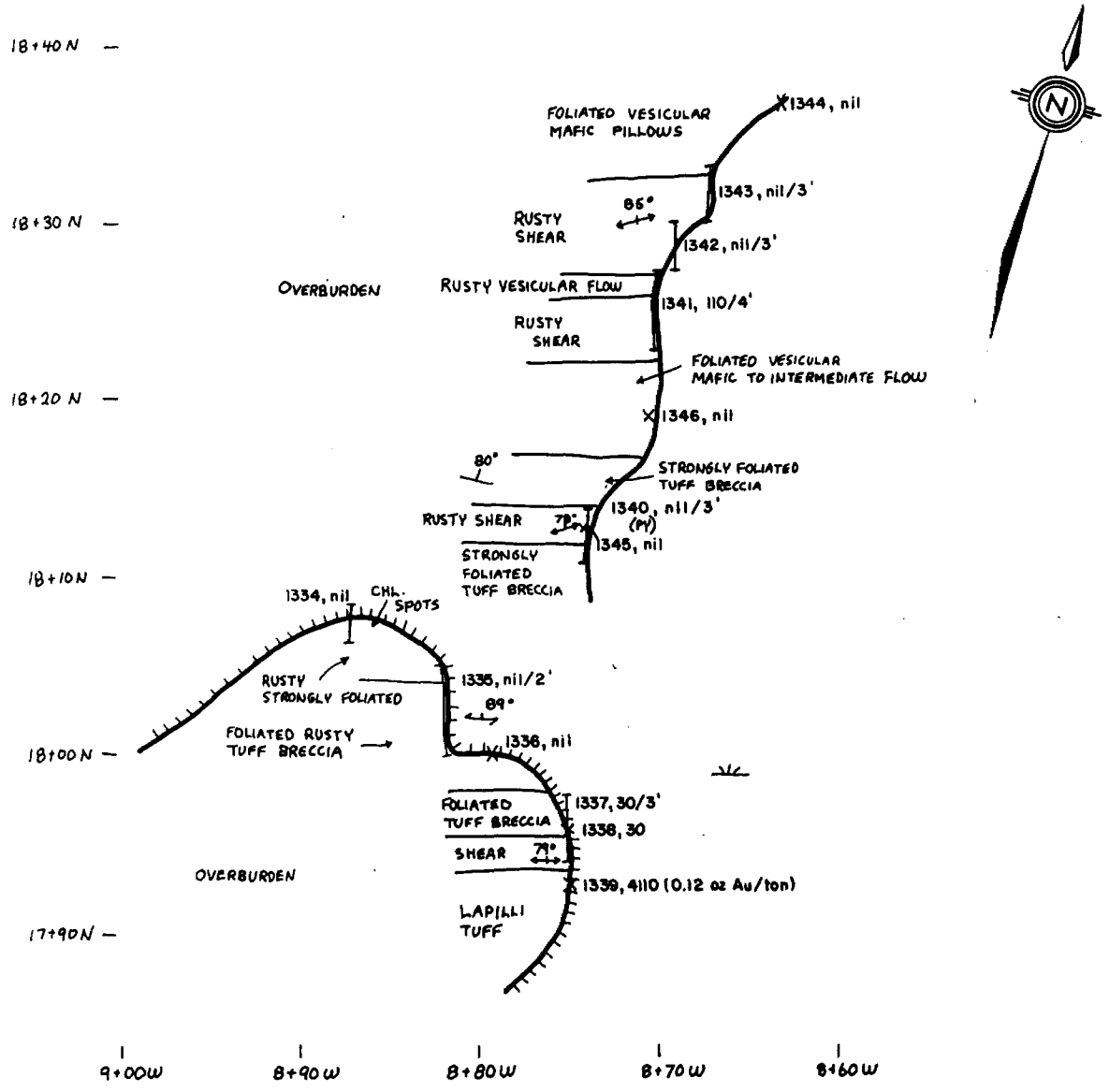
ROWAN LAKE PROJECT

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

OUTCROP GEOLOGY MAP

SCALE IN FEET
5 0 5 10 15

1in = 10ft.	Nov. 1985	Geology by :	FIG. 6



Assay results in ppb Au unless otherwise stated

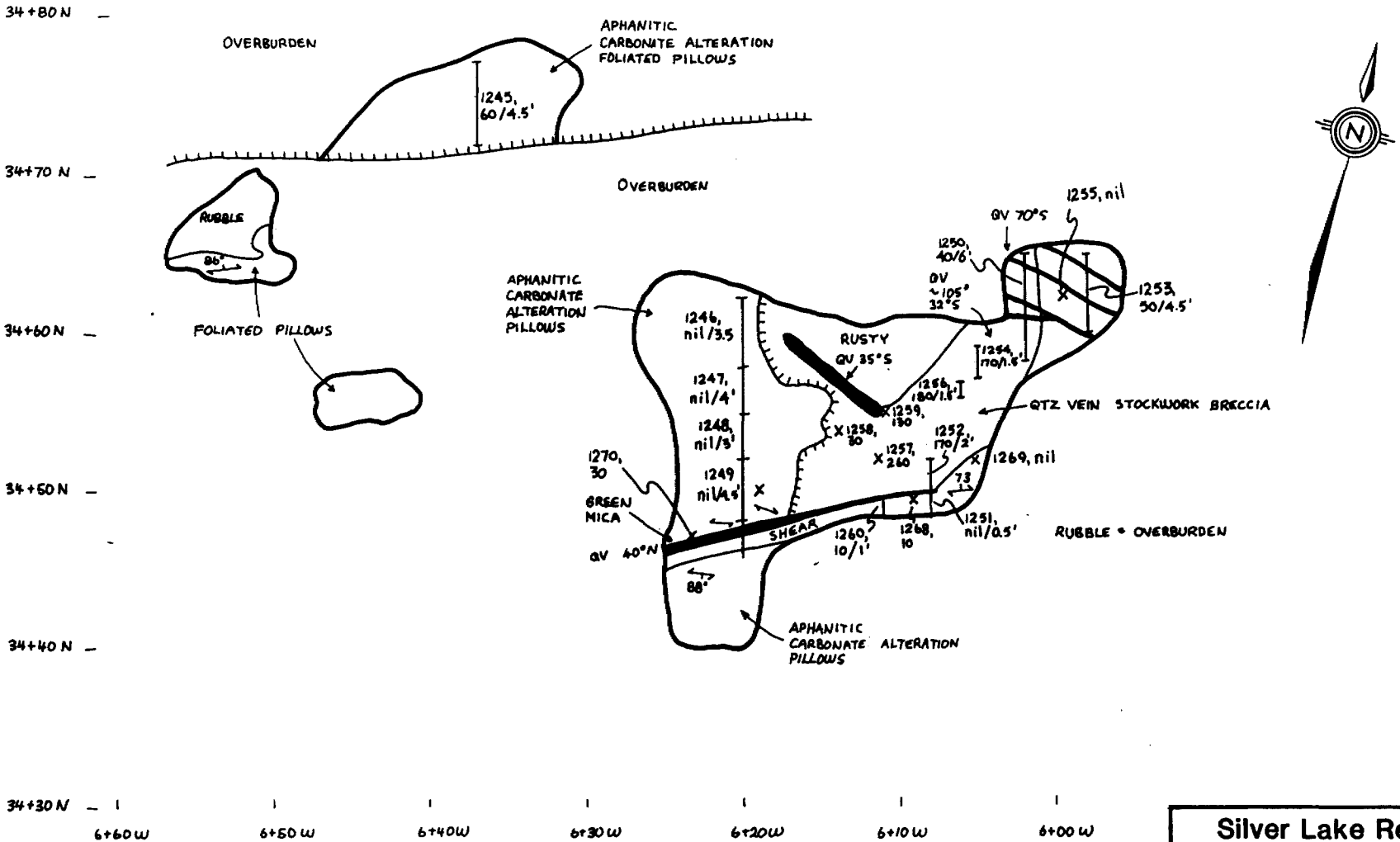
Silver Lake Resources Inc.

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

OUTCROP GEOLOGY MAP

SCALE IN FEET
5 0 5 10 15

1in = 10ft.	Nov. 1985	Geology by :	FIG. 7



Assay results in ppb Au

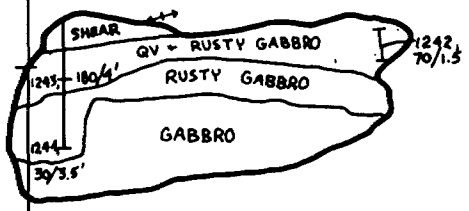
Silver Lake Resources Inc.	
ROWAN LAKE PROJECT	
District of Kenora, Ontario N.T.S. 52F/5	
OUTCROP GEOLOGY MAP	
SCALE IN FEET 5 0 5 10 15	
1in = 10ft.	Nov. 1985 | Geology by : | FIG. 52

L 2+00 W

32+00 N

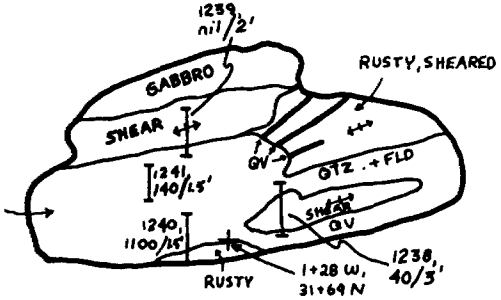
31+69 N

1+28 W



OVERBURDEN

QTZ.-FLD VEINS
& RUSTY GABBRO



Assay results in ppb Au

Silver Lake Resources Inc.

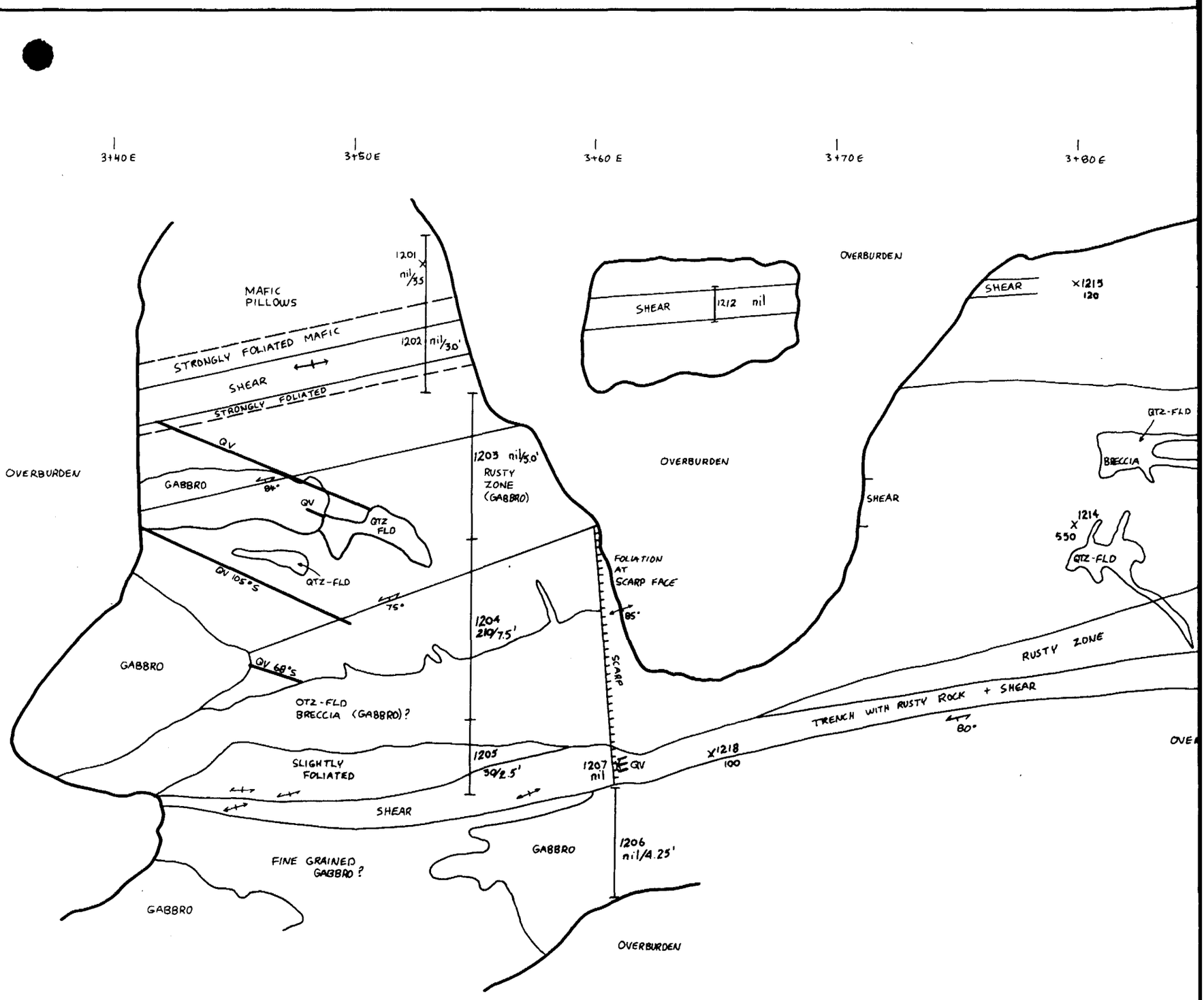
ROWAN LAKE PROJECT

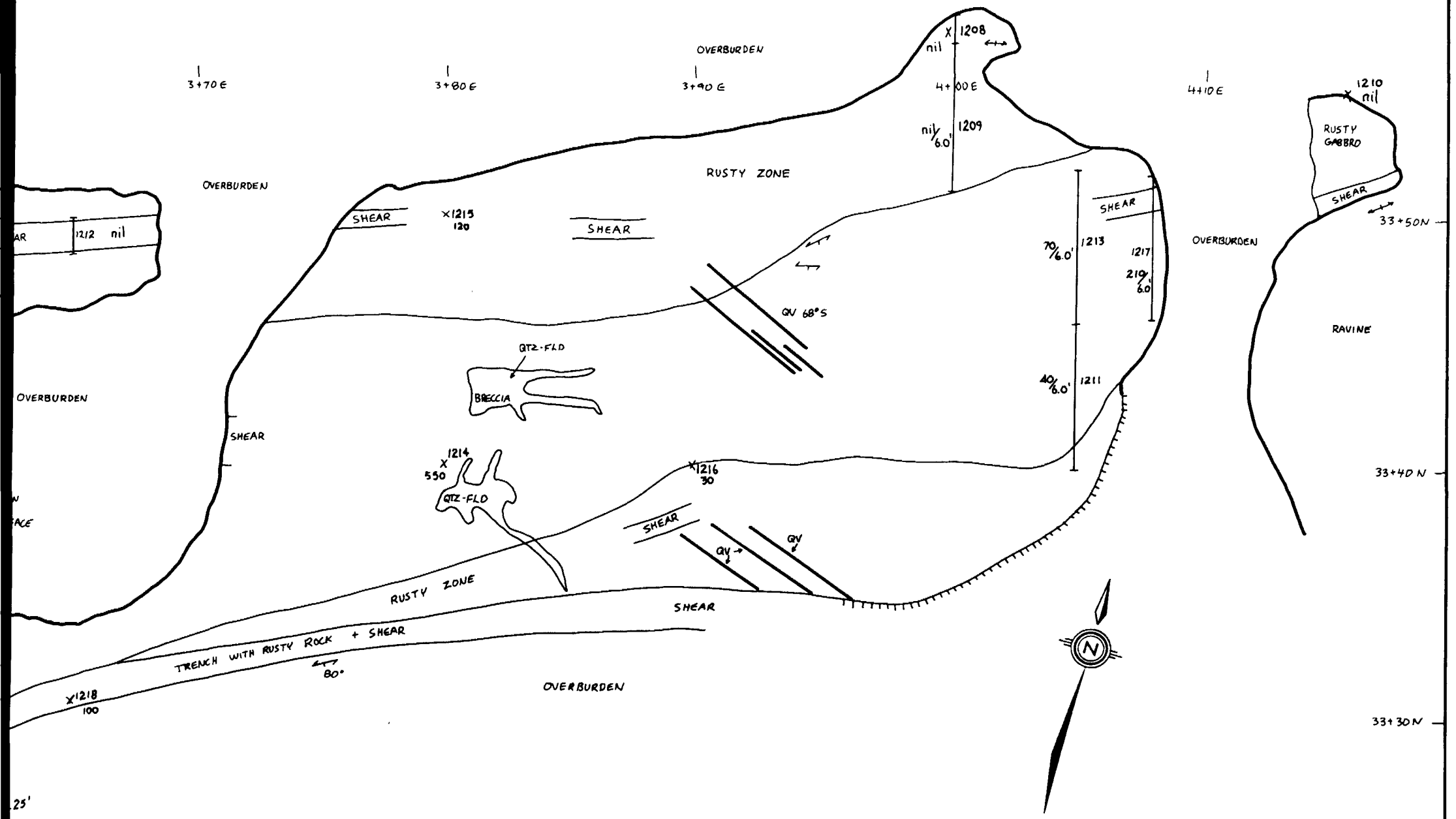
District of Kenora, Ontario
N.T.S. 52F/5

OUTCROP GEOLOGY MAP

SCALE IN FEET
5 0 5 10 15

1in = 10ft.	Nov. 1985	Geology by :	FIG. 9


3+40 E
3+50 E
3+60 E
3+70 E
3+80 E
MAFIC PILLOWS
STRONGLY FOLIATED MAFIC
SHEAR
STRONGLY FOLIATED
1201 nil/35
1202 nil/30'
QV
OVERBURDEN
GABBRO
84°
QV
QTZ FLD
QTZ-FLD
QV 105°S
75°
1203 nil/5.0'
RUSTY ZONE (GABBRO)
OVERBURDEN
SHEAR
1212 nil
OVERBURDEN
SHEAR
×1215
120
QTZ-FLD
BRECCIA
SHEAR
1214
×
550
QTZ-FLD
FOLIATION AT SCARP FACE
85°
1204
219/7.5'
GABBRO
QV 68°S
QTZ-FLD BRECCIA (GABBRO)?
SCARP
RUSTY ZONE
TRENCH WITH RUSTY ROCK + SHEAR
80°
×1218
100
1205
30/2.5'
SLIGHTLY FOLIATED
1207 nil
QV
SHEAR
FINE GRAINED GABBRO?
GABBRO
1206 nil/4.25'
GABBRO
OVERBURDEN



Silver Lake Resources Inc.

ROWAN LAKE PROJECT

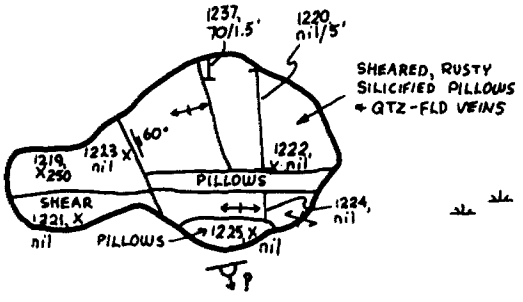
District of Kenora, Ontario
N.T.S. 52F/5

OUTCROP GEOLOGY MAP

SCALE IN FEET
2 0 2 4 6 8 10

1in = 5 ft.	Nov. 1985	Geology by :	FIG. 10

34+50 N



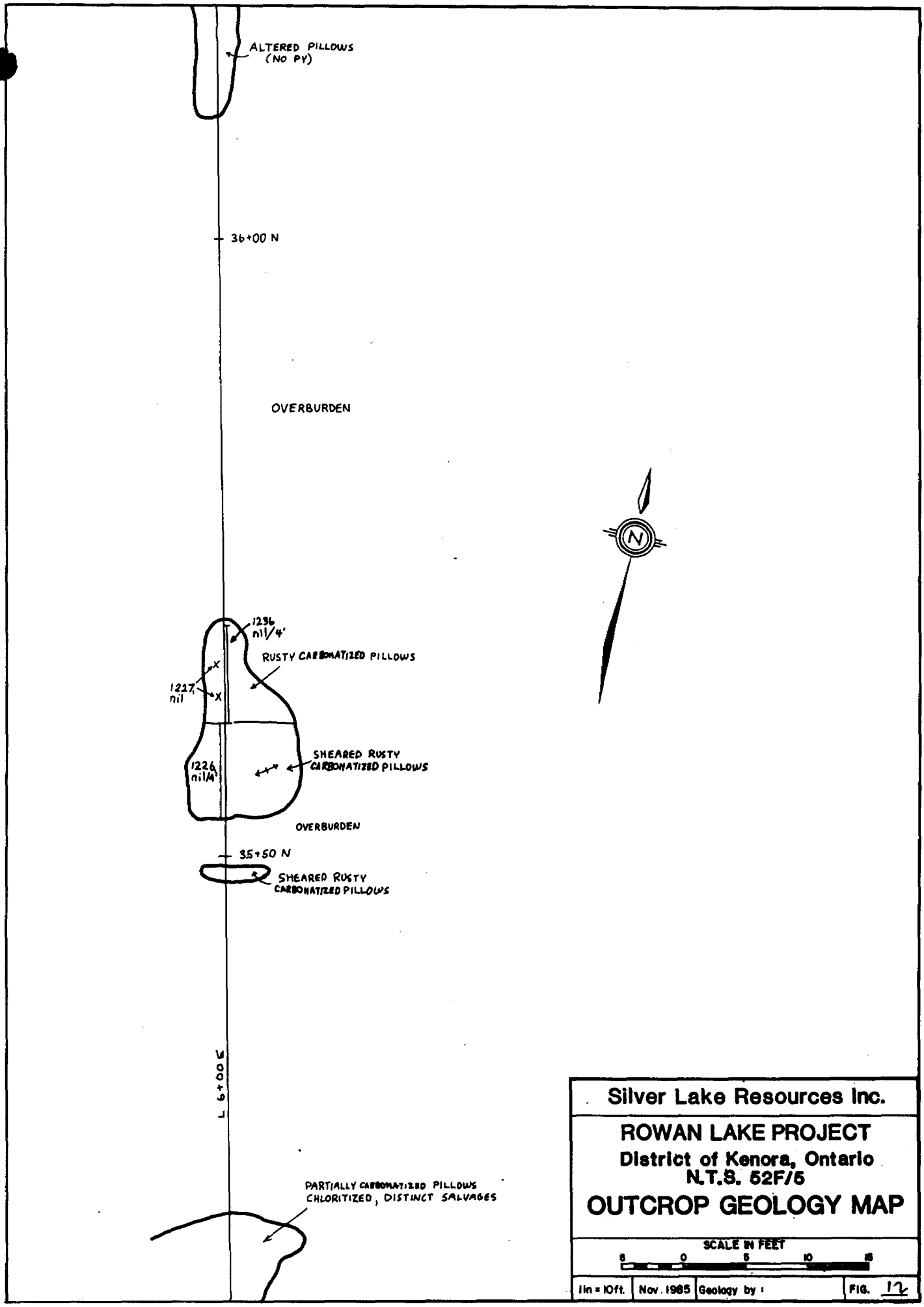
34+00 N

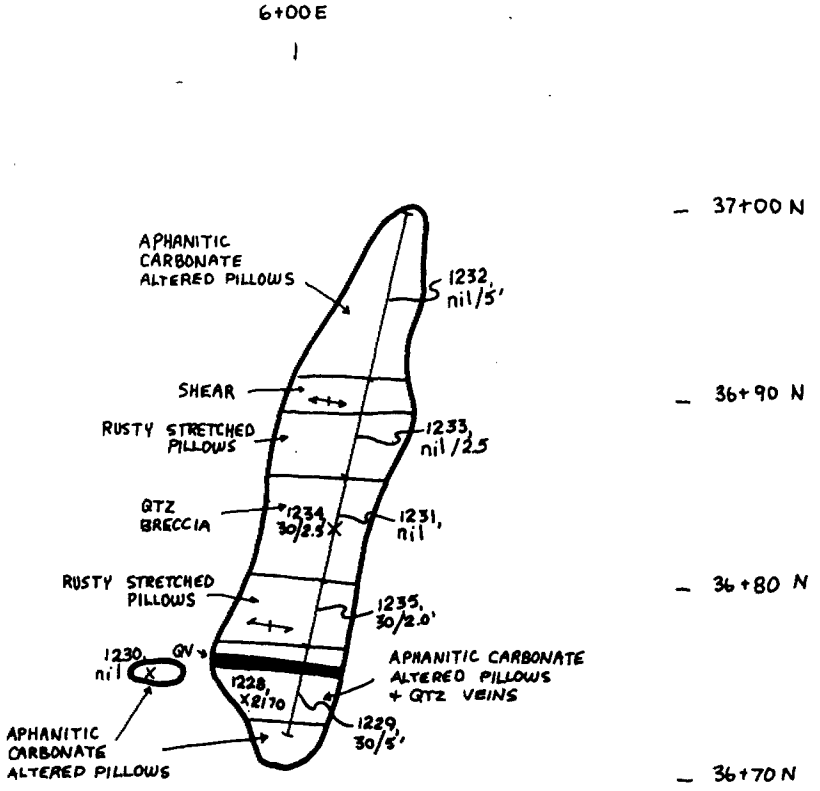
6+50 E

L 6+00E

Assay results in ppb Au

Silver Lake Resources Inc.	
ROWAN LAKE PROJECT District of Kenora, Ontario N.T.S. 52F/5	
OUTCROP GEOLOGY MAP	
SCALE IN FEET 5 0 5 10 15	
1in = 10ft.	Nov. 1985 | Geology by : | FIG. 11


ALTERED PILLOWS
(NO PY)
36+00 N
OVERBURDEN
1236
nil/4'
RUSTY CARBONATIZED PILLOWS
1227
nil
1226
nil/4
SHEARED RUSTY
CARBONATIZED PILLOWS
OVERBURDEN
35+50 N
SHEARED RUSTY
CARBONATIZED PILLOWS
L 6+00 E
PARTIALLY CARBONATIZED PILLOWS
CHLORITIZED, DISTINCT SALVAGES
N
Silver Lake Resources Inc.
ROWAN LAKE PROJECT
District of Kenora, Ontario
N.T.S. 52F/5
OUTCROP GEOLOGY MAP
SCALE IN FEET
5 0 5 10 15
1in = 10ft.
Nov. 1985
Geology by :
FIG. 12



Assay results in ppb Au

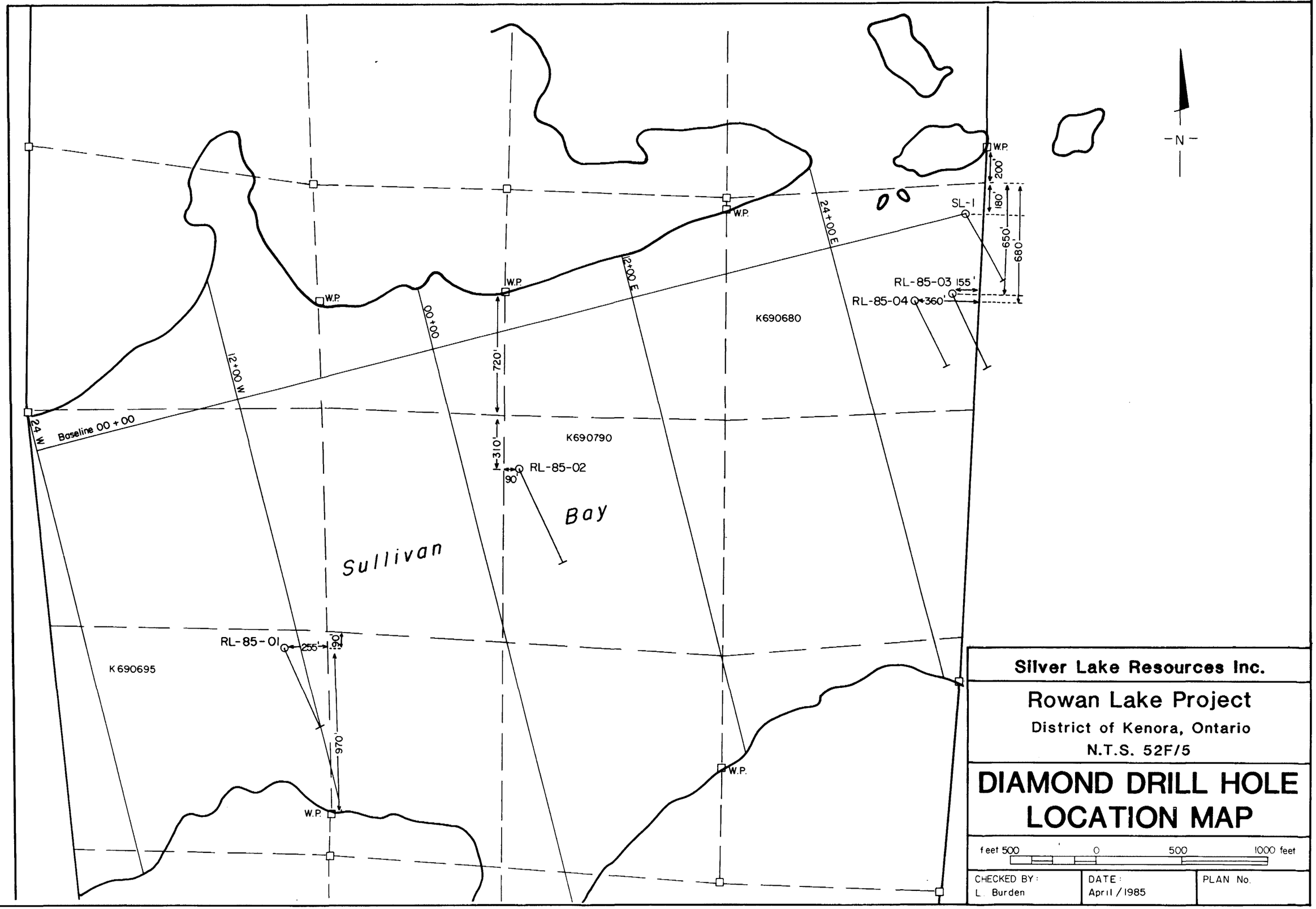
Silver Lake Resources Inc.

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

OUTCROP GEOLOGY MAP

SCALE IN FEET
5 0 5 10 15

1in = 10ft.	Nov. 1985	Geology by :	FIG. 13



Silver Lake Resources Inc.

Rowan Lake Project

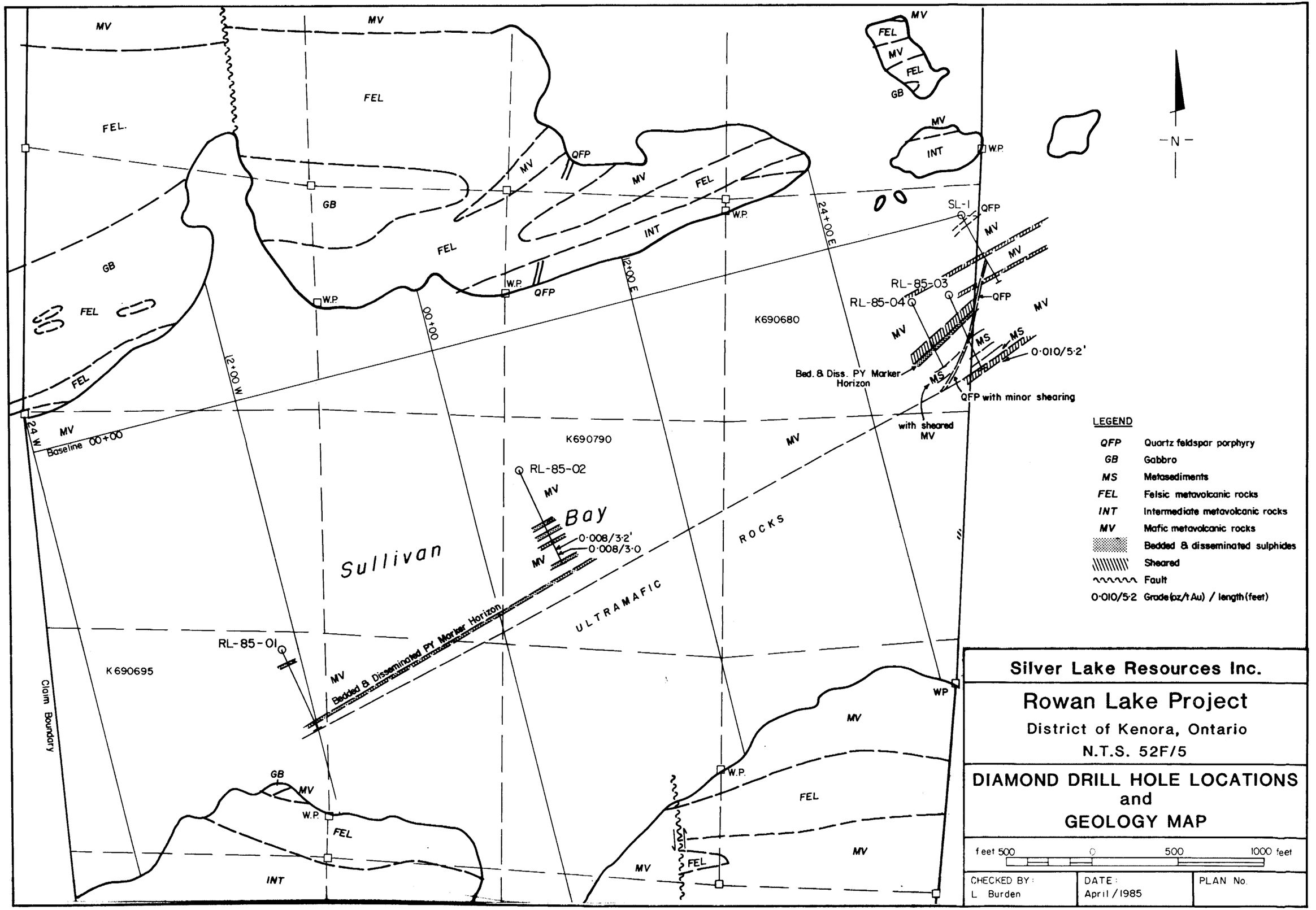
District of Kenora, Ontario

N.T.S. 52F/5

DIAMOND DRILL HOLE LOCATION MAP

feet 500 0 500 1000 feet

CHECKED BY:	DATE:	PLAN No.
L. Burden	April / 1985	



Silver Lake Resources Inc.

Rowan Lake Project

District of Kenora, Ontario

N.T.S. 52F/5

DIAMOND DRILL HOLE LOCATIONS and GEOLOGY MAP

feet 500 0 500 1000 feet

CHECKED BY:	DATE:	PLAN No.
L. Burden	April/1985	

NOTE TO FILE : 63.4803

Report on the 1985 Drill Program and DDH's RL-85-01, RL-85-02 and RL-85-04 were culled from this report. These were previously submitted for assessment credits under Report of Work # 104 for 1985 (Toronto file ROWAN LAKE DDR # 34).

DIAMOND DRILLING LOG

SILVER LAKE RESOURCES INC.

DDH: RL-85-03
Joint Venture Boundary Hole

PROPERTY: Rowan Lake

CLAIM: K690680

CONTRACTOR: N. Morissette

DATE COMMENCED: March 13, 1985

COORDINATES: 30+25E 4+50S
(83+00W 12+20N Nuinsco Grid)

CORE SIZE: B.Q. wire line

DATE COMPLETED: March 16, 1985

BEARING: S25°E

TOTAL DEPTH: 737 Feet

LOGGED BY: L. Burden

INCLINATION: -50°

OVERBURDEN: 181 Feet

ACID TESTS:

DEPTH	INCLINATION
200'	-58°
400'	-51°
600'	-42°

SUMMARY LOG:

0.0 - 181.0'	Overburden	534.4 - 585.2	Metasediment
181.0 - 477.2'	Mafic Metavolcanic	585.2 - 591.8	Mafic Metavolcanic
477.2 - 483.4'	Quartz Feldspar Porphyry	591.8 - 612.7	Mafic Metavolcanic - Gabbro
483.4 - 500.1'	Metasediment	612.7 - 622.8	Mafic Metavolcanic
500.1 - 523.3'	Mafic Metavolcanic	622.8 - 634.6	Metasediment
523.3 - 526.6'	Metasediment	634.6 - 678.7	Sheared Ultramafic
526.6 - 534.4'	Mafic Metavolcanic	678.7 - 737.0	Ultramafic

DEPTH	ROCK TYPE	DESCRIPTION
0 - 100.0	WATER	
100.0 - 181.0	OVERBURDEN; clay, sand and boulders	
181.0 - 205.7	MAFIC METAVOLCANIC; Variegated white to greyish green, aphanatic to fine grained, very thinly laminated, very rich in aphanatic carbonate, 3-5% carbonate laminae, no magnetic attraction, trace pyrite, relict textures suggest either a foliated mafic flow or a tuffaceous unit.	
205.7 - 221.5	MAFIC METAVOLCANIC WITH BLEACHED PATCHES; Similar to above with some laminated and thinly bedded areas bleached, bleaching occurs in areas of quartz and quartz-carbonate veinlets, bleached areas are tan to greyish tan with trace amounts of disseminated pyrite, no magnetic attraction, extremely rich in aphanatic carbonate (ankerite?) and sericite.	
	210.0 - 211.0 Very Blocky Core; drillers lost water return.	
	Sample Interval: 209.0 - 212.0	Sample #: 30828 — Assay oz Au/ton: trace — Description: < 0.5% py
221.5 - 264.8	MAFIC METAVOLCANIC; Same as 181.0 - 205.7	
	256.8 - 258.7 Bleached Patch; centred on 3 inch quartz vein which contains tourmaline and trace pyrite bleaching same as 205.7 - 221.5.	
	Sample Interval: 256.8 - 258.7	Sample #: 30829 — Assay oz Au/ton: trace — Description: 0.5% finely disseminated pyrite

DEPTH	ROCK TYPE	DESCRIPTION

264.8 - 285.8 MAFIC METAVOLCANIC; Variegated greyish green to buff yellow to dark green, aphanatic, finely laminated, no magnetic attraction, quartz, carbonate, sericite and chlorite were recognized, many sericitized laminae, locally laminae appear convoluted and brecciated, rock is extremely rich in carbonate, contains some quartz veinlets and minor silicic alteration, contact at 264.8 is sharp and easily recognized by yellow coloured sericitic laminae, unit has trace to 1% finely disseminated pyrite, relict textures suggest a mafic tuff.

Sample Interval	Sample #	Assay oz Au/ton	Description
264.8 - 270.0	30830	trace	0.5% py
270.0 - 275.0	30831	trace	0.5% py
275.0 - 280.0	30832	0.002	0.5 - 1% py
280.0 - 285.0	30833	0.002	0.5 - 1% py

285.5 - 296.4 SERICITIZED MAFIC METAVOLCANIC: Similar to above, yellow-buff colour, entire unit contains sericitic alteration, 1 - 2% disseminated pyrite.

290.6 - 290.9 Quartz Vein; white milky quartz with tourmaline and trace pyrite sericitized alteration halo on each side of vein, vein & halo resembles Nuinsco Resources Monte Cristo material.

Sample Interval	Sample #	Assay oz Au/ton	Description
285.8 - 290.2	30834	0.002	< 0.5% py
290.2 - 293.0	30835	trace	1% py
293.0 - 296.4	30836	trace	< 0.5% py

296.4 - 317.5 MAFIC METAVOLCANIC; Same as 264.8 - 285.8 with less silicic alteration & veining.

Sample	Sample #	Assay oz Au/ton	Description
296.4 - 302.0	30837	trace	< 0.5% py
302.0 - 307.0	30838	trace	< 0.5% py
307.0 - 312.0	30839	trace	trace to 0.5% py
312.0 - 317.0	30840	trace	< 0.5% py

DEPTH	ROCK TYPE	DESCRIPTION

317.5 - 323.0

MAFIC METAVOLCANIC; Variegated white to grey to black, thickly laminated, aphanatic, laminae are convoluted with some brecciation, minor quartz veinlets, graphite, quartz and pyrite recognized, unit extremely rich in bedded pyrite, 25% pyrite as anhedral crystaline masses occuring as laminae, 5 - 8% carbonate laminae, no magnetic attraction, relict textures suggest a graphitic tuff.

Sample Interval	Sample #	Assay oz Au/ton	Description
317.0 - 320.0	30841	0.002	15% py
320.0 - 323.0	30842	trace	35% py

323.0 - 338.0

MAFIC METAVOLCANIC; Similar to 296.4 to 317.5 with less silicic and sericitic alteration, core is very blocky, locally the rock exhibits an amygduloidal texture, relict textures suggest intercalated tuffs and flows.

Sample Interval	Sample #	Assay oz Au/ton	Description
323.0 - 328.0	30843	trace	tr py
328.0 - 333.0	30844	0.002	tr py
333.0 - 338.0	30845	trace	tr py

338.0 - 361.0

MAFIC METAVOLCANIC; Variegated greyish green to dark green, finely laminated or foliated, aphanatic, no magnetic attraction, contains some sericitized laminae or foliation planes, retains a relict amygduloidal texture, amygdules are 1/10 of an inch and filled with calcite, trace amounts of pyrite, textures suggest mafic flow rocks with some minor amounts of tuff.

Sample Interval	Sample #	Assay oz Au/ton	Description
338.0 - 343.0	30846	trace	tr py

DEPTH	ROCK TYPE	DESCRIPTION

361.0 - 416.5 MAFIC METAVOLCANIC; Variegated white to grey, almost massive but appears to be thinly laminated, no magnetic attraction, aphanatic, possibly amphibolitized, 3 - 5% carbonate laminae and very rich in aphanatic carbonate, local areas of pyritic laminae i.e. 5 - 8% py over 8 inches, core blocky, rarely laminae are convoluted over 4 inch lengths, relict textures suggest intercalated tuffs and flows.

Sample Interval	Sample #	Assay oz Au/ton	Description
381.0 - 386.0	30847	trace	3 - 5% py

416.5 - 437.0 MAFIC METAVOLCANIC; Similar to above, bleached to a buff green colour, no magnetic attraction, aphanatic, sericitized, very rich in aphanatic carbonate, no pyritic laminae, several small quartz veinlets are possible source of alteration, trace pyrite.

Sample Interval	Sample #	Assay oz Au/ton	Description
416.5 - 422.0	30848	trace	1 - 2% py

437.0 - 477.2 MAFIC METACOLCANIC; Intercalated massive and tuffaceous textures recognized, aphanatic to fine grained, massive sections are green to greyish green, moderately magnetic and locally contain micro quartz-carbonate veinlets which run almost parallel to the core axis with small alteration halos, tuffaceous sections are variegated grey to green, thinly laminated, locally folding occurs between laminae, trace amounts of sericitic alteration, locally small augen shaped crystaline masses of quartz & feldspar occur pinched between laminae planes, unit extremely rich in aphanatic carbonate with trace amounts of sulphides.

477.2 - 483.4 QUARTZ FELDSPAR PORPHYRY; Green, fine grained sub to anhedral crystals of feldspar and quartz less than 1/20 of an inch in an aphanatic green ground mass rich in carbonate, strongly foliated at 064° t.c.a., contains quartz and quartz-carbonate veinlets which parallel the core axis some having strong alteration halos, trace amounts of pyrite and tourmaline in quartz veinlets, upper contact at 045°t.c.a., lower contact at 055°t.c.a.

Sample Interval	Sample #	Assay oz Au/ton	Description
477.2 - 483.4	30849	trace	tr py

DEPTH	ROCK TYPE	DESCRIPTION

483.4 - 500.1 METASEDIMENT; Variegated black to grey to white, thinly laminated aphanatic, extremely rich in carbonate, 35% of laminae are carbonate, black laminae appear graphitic, rock locally bleached, no magnetic attraction, 1 - 2% very finely disseminated pyrite, many micro quartz-carbonate veinlets parallel t.c.a. with small alteration halos.

Sample Interval	Sample #	Assay oz Au/ton	Description
483.4 - 487.0	30850	trace	1 - 2% py
487.0 - 492.0	30851	trace	1 - 2% py
492.0 - 497.0	30852	trace	1 - 2% py
497.0 - 500.1	30853	trace	< 1% py

500.1 - 523.3 MAFIC METAVOLCANIC; Variegated white to grey to dark green, thinly laminated, fine grained, locally some bedded pyrite within laminae, locally faintly magnetic, amphibolitized?, trace pyrite.

523.3 - 526.6 METASEDIMENT; Variegated dark grey to green to white, thinly to thickly laminated, locally laminae appear contorted and convoluted possibly dewatering features, appears amphibolitized?, 20 - 30% carbonate laminae, trace pyrite, no magnetic attraction.

526.6 - 534.4 MAFIC METAVOLCANIC; Massive to slightly foliated, dark green, aphanatic to fine grained, strong magnetic attraction, amphibolitized, 0.5% carbonate veinlets, no aphanatic carbonate, no visible suphides, textures suggest massive mafic flow.

534.4 - 585.2 METASEDIMENT; Variegated white to grey to dark green, thinly to thickly laminated, locally laminae are contorted and convoluted due to dewatering?, 50% of laminae are white and composed primarily of carbonate with quartz, faint magnetic attraction but locally very strong in certain laminae, trace visible suphides, black laminae appear slightly graphitic, originally may have been a lime mud.

Sample Interval	Sample #	Assay oz Au/ton	Description
554.0 - 559.0	30854	trace	tr py
569.0 - 574.0	30855	trace	tr py

DEPTH	ROCK TYPE	DESCRIPTION

585.2 - 591.8 MAFIC METAVOLCANIC; Massive to faintly foliated, dark green, aphanatic, no magnetic attraction, contains aphanatic carbonate and 1 - 2% carbonate veinlets 1/10 of an inch wide, no visible sulphides, textures suggest mafic flows.

591.8 - 612.7 MAFIC METAVOLCANIC - GABBRO; Massive to very faintly foliated, dark green, fine grained, very strong magnetic attraction, no carbonate, amphibolitized?, amphibole, plagioclase & epidote are recognized minerals, epidote occurs near areas of micro quartz veining i.e. veinlets $< 1/20$ of an inch in width, rock resembles amphibolitized basalt, trace pyrite.

612.7 - 622.8 MAFIC METAVOLCANIC; Similar to 585.2 to 591.3 but contains much less carbonate and is strongly magnetic note; 585.2 to 622.8 could be a gabbroic intrusive with chilled margins.

622.8 - 634.6 METASEDIMENT; Similar to 534.4 to 585.2, 1 to 3% pyrite as euhedral crystal disseminations and as laminae.

632.0 - 634.6 Sheared Metasediments; chloritic shear planes with finely disseminated pyrite, contains a cubic yellow-gold mineral lacking metalic lustre appearing to be sprayed into the core it is $\sim$1/40th of an inch it could possibly be a sericitic alteration.

Sample Interval	Sample #	Assay oz Au/ton	Description
622.8 - 627.0	30856	trace	2 - 3% py
627.0 - 631.0	30857	0.004	2 - 3% py
631.0 - 634.6	30858	trace	trace py

DEPTH	ROCK TYPE	DESCRIPTION

634.6 - 678.7 SHEARED ULTRAMAFIC; Dark green to black, locally variegated white to black, thinly laminated appearance due to shearing, aphanatic to fine grained, chlorite and talc recognized minerals, nil to weakly magnetic, trace carbonate, trace pyrite, shear planes tend to be talcose, some carbonate veinlets i.e. < 1%.

634.8 - 635.5 Highly sheared zone with fault gouge
645.8 - 646.8 Highly sheared zone with fault gouge and 2" quartz vein
647.2 - 647.9 Highly sheared zone with fault gouge
643.8 - 644.2 Quartz-carbonate vein with trace pyrite
644.2 - 644.9 Fault gouge in highly sheared zone
650.6 - 651.5 Highly sheared and convoluted zone with 1" quartz vein
673.9 - 674.5 Quartz-carbonate vein with trace pyrite
677.9 - 678.4 Quartz-carbonate vein with trace pyrite

Sample Interval	Sample #	Assay oz Au/ton	Description
634.6 - 637.0	30859	0.002	tr py
637.0 - 641.0	30860	trace	tr py
641.0 - 647.0	30861	trace	tr py
647.0 - 652.0	30862	0.002	tr py
673.5 - 678.7	30863	0.010	1% py

678.0 - 737.0 ULTRAMAFIC; Massive, fine grained, equigranular, chlorite & talc are recognized minerals, nil to strong magnetic attraction, some aphanatic carbonate but no veinlets, very soft with soapy feel, very dark gree to black, trace pyrite as euhedral disseminated crystals up to 1/10 of an inch.

737.0 END OF HOLE RL 85 03

Angles to Core Axis

Depth	Foliation or laminae	Fratures
187	45°	
197	45°	
207	45°	
217	45°	
227	45°	
237	45°	
247	43°	
257	53°	
267	45°	
277	43°	
287	50°	
297	50°	
307	15°	
317	45°	
327	30°	
337	50°	
347	45°	
357	40°	
367	45°	
377	55°	
384	50°	
394	45°	
404	45°	
416	45°	
426	45°	
437	50°	
449	55°	
460	50°	
472	57°	
482	64°	10° veinlets
487	55°	0° veinlets
497	60°	
507	50°	
517	55°	
526	45°	
536	45°	
545	50°	
550	55°	
559	60° bedding	
569	60° bedding	
577	63° bedding	
587	65°	
597	60° very faint	
607	60° very faint	
617	60° very faint	
627	60° bedding	
637	60° shearing	
647	60° shearing	
657	60° shearing	
667	60° shearing	
677	70° shearing	
687	62° strong foliation	
697	65° weak foliation	

INDUCED POLARIZATION

N1
N2
N3
N4
N5

no response

FILTERED VLF

50
40
30
20
10
0

flat

MAGNETICS (gammas)

1200
1100
1000
900
800
700

(Nuinsco Data)

L84W

14+00N | 13+00N | 30+25E 4+50S | 11+00N | 10+00N | 09+00N | 08+00N | 07+00N | 06+00N

S25°E

Surface

Water

Overburden

-100'
-200'
-300'
-400'
-500'
-600'
-700'

Bedrock

altered
Bedded Pyrite
M.V.
M.V.
M.V.
M.S.
M.V.
Q.F.P. Dyke
M.S
M.V.
M.V.
M.V.
M.S.
M.S.
Gb.
UM
UM
0.004 oz/t Au / 4.0'
737'
Magnetic Response
0.010 oz/t Au / 5.2

LEGEND

QFP	Quartz feldspar porphyry
Gb	Gabbro
M.S.	Metasediments
M.V.	Mafic metavolcanic rocks
M.V.T.	Mafic metavolcanic tuff
U.M.	Ultramafic rocks
	Bedded & disseminated sulphides (Bed. & Diss. Su)
////	Sheared
	Foliation
0.004 / 4.0	Grade (oz/t Au) / length (feet)

Nuinsco Joint Venture

Silver Lake Resources Inc.
ROWAN LAKE PROJECT
District of Kenora, Ontario N.T.S. 52F/5

RL-85-03, PROFILE COMPILATION

Scale : 1 inch = 100 feet

April, 1985

DRILL LOG

Property: Rowan Lake | NUINSCO/LOCKWOOD | DDH: SL-1

Co Ordinates: BL0, 32E Silver Lake Grid
L80W, 16N Nuinsco Grid
Claim:
Date Hole Commenced: April 1, 1984

Declination: -59° Azimuth: 150°
Core Size: BQ
Total Depth: 787'
Date Completed: April 4, 1984
Logged By: Marcus J. Buck

ACID TEST

Depth	Inclination	Depth	Inclination
42' (casing)	58°	440'	56.5°
140'	57°	540'	56°
240'	57°	640'	54.5°
340'	57°	740'	52.5°

TROPARI TEST

Depth	Inclination	Azimuth	Depth	Inclination	Azimuth

Drill Log Summary

Mineralization:

Almost no py mineralization.
Sediment units (particularly 322'-390') typically have weak carb + ser alteration but py is more likely primary.
In mafic flows there are two sections of very weak carb + ser alteration: 187'-215' and 630'-773' (probably not significant)

Assay

Comments

The core of the Monte Cristo Shear Zone is at 497'-527' and is marked by strong banding (bands of chl., chl. + ser, and carb.), primary textures and structures are destroyed.
The banding and shearing decrease gradually outward from this central core; the limits of the shear zone are therefore arbitrary

ABBREVIATIONS USED IN LOGGING:

Rock Type: MV metavolcanic: Tu tuff; QFP quartz feldspar porphyry. A altered zone; Aw weak; Am moderate; As strong CSZ chloritic shear zone.

Texture: ms massive; gb gabbroid; vs vesicular; sp spotted; am amygdaloidal; Rc rhomb-carbonated.

Structure: Fol foliated; Sh shear; My mylonite.

Grain Size: fgr fine <1 mm; agr medium 12- mm; cgr coarse> 2mm.

Veining: QCV quartz-carbonate vein; CV/QV carbonate vein/quartz vein; %/5' - Estimate over 5' interval; estimate attitude; indicate colour.

Alteration: Carb carbonatization; Sil silicification; Ser sericitization; Chl chlorite; Hem hematite; F fuchsite; T tournaline. Modifier: Pvs pervasive; Df diffuse; Aw, Am, As, Rc rhomb-carbonated; Qf quartz flooding (grey).

Mineralization: Py pyrite; Cpy chalcopyrite; Au gold; Ag silver.
Modifier: Dis disseminted; Pp pyrite porphyroblasts; Ps pressure shadows; cl clusters; sv selvage; V veins.

NUINSCO RESOURCES LIMITED

DRILL LOG

Depth	Rock Type	Grain size Colour	Secondary Structure	Texture and Structure	Alteration	Mineralization	Comments
0 - 44'	Casing						
39 - 64.3	Felsic dyke	fgr. medium grey with pinkish tint.	weak foliation (5-10% irregular chl. grains slightly aligned fol c.n. 62' 45°	massive, homogenous quartz (+ feldspar?) + ser - rich rock (fgr matrix) with 5% irregular chlorite grains.	trace of chl. + quartz + carb. veinlets with pink quartz-rich A. envellopes - a few veins with A. envellopes similar to those above.		gradational contact? could be different phases of the same
64.3 - 114.0	Feldspar porphyry dyke	fgr porphyritic dark grey	generally weakly foliated but becoming well foliated near included and adjacent sheared mafic flow, fol. defined by fine ser lamellae and to a lessor extent by irregular chl. lamellae, fol c.a. 88' 43° | 99' 30° 90' 42° | 103' 35° 92' 33° | 105' 36°	10-20% anhedral to subhedral feldspar phenoorysts (1-3 mm long) in a quartz (+ feldspar?) - rich matrix with ≤ 5% ser and ≤ 8% chl.			
71.4 - 92.0 92.3 - 93.0 94.8 - 96.1 98.2 - 100.2 101.0 - 104.3	sections of sheared flow-same as below						

NUINSCO RESOURCES LIMITED

DRILL LOG

Depth	Rock Type	Grain size Colour	Secondary Structure	Texture and Structure	Alteration	Mineralization	Comments
114.0 - 322.0	Mafic flow; initially pillowed, then massive	aphanatic; dark green-grey	well developed cleavage from alignment of chl. grains, initially unit is only slightly sheared but becomes increasingly sheared downhole. cleavage is often kinked at cross-cutting veins, and occasionally displaced on fractures. fol. c.a. 124' 31° | 230' 35° 131' 28° | 234' 30° 139' 26° | 239' 35° 150' 29° | 244' 34° 158' 32° | 255' 36° 167' 35° | 264' 34° 178' 35° | 272' 37° 186' 33° | 277' 35° 196' 31° | 288' 35° 201' 29° | 296' 35° 212' 38° | 307' 37° 221' 38° | 315' 38° 226' 39°	initially pillowed; distinct dark green chloritic pillow rims with interflow hyaloclastite slightly altered to carb + ser and sheared. Trace → 2% small carb & amygdules. further down the hole, primary features become more difficult to recognize (because of shearing) but occasionally carb a.m. and perhaps some pillow selvages can be recognized ⇒ most of this unit is probalb massive	generally very weak trace of thin A (carb + ser) envelopes on small carb. QCV, and a few ser-rich bands (foliated) in slightly bleached sections. 187-215 (5-15% carb + ser) variable zone of slight bleaching (carb) with numerous ser-rich alteration bands // fol.		probably within Monte Cristo shear zone.

NUINSCO RESOURCES LIMITED

DRILL LOG

Depth	Rock Type	Grain size Colour	Secondary Structure	Texture and Structure	Alteration	Mineralization	Comments
322 - 390	Aw (carb + ser) infinely bedded sediment	generally very fgr; some mgr.	somewhat sheared and locally brecciated. fol defined by relatively large chl and ser lamellae which disrupt primary structures; also a very fine cleavage in ser -rich beds. fol. 321' 41°, 331' 32°	predominantly finely bedded chloritic sediment, some ser rich sediments, some beds of finely laminated chert, occasionally some thin pyritic lamellae. perhaps some mafic flow breccia near the top bedding c.a. 338' 36° | 369' 37° 347' 36° | 379' 40° 352' 43° | 390' 37° 359' 38° |	alteration is difficult to distinguish from primary compositional variations - but there is probably 5-15% carb + ser alteration throughout much of the sediment. locally ≤ 3% QCV in slightly bc. host rock.	trace to locally 2% py→much of this is probably recrystallized primary py.	
390 - 587.6	Sheared mafic flow	aphanitic; dark green	very well developed foliation, defined by chl-rich bands alternating with discentinuous thin carb veins or bands, also there is a fine chl cleavage.	probably mafic flow (massive?), possibly some carb. am. but these are difficult to distinguish from bondinaged carb. bands.			
467.1 - 468.9 472.7 - 475.2 494.7 - 496.5 503.7 - 502.9	interflow sediment		commonly fol. is kinked at cross-cutting veins, and offset on crosscutting joints. 497'-527' particularly fol or banded; fol defined by relatively coarse chl-rich bands,	finely bedded sediment; chl -rich beds, carb + ser-rich beds, and some minor silicous beds.	≤20% carb (some ser) restricted to some of the sediment beds.		467.1 - 496.5 much of this section could possibly be chloritic fgr sediment rather than mafic flow (too sheared to determine).

NUINSCO RESOURCES LIMITED

DRILL LOG

Depth	Rock Type	Grain size Colour	Secondary Structure	Texture and Structure	Alteration	Mineralization	Comments
			5% chl + ser bands, and 25% carb bands (banding .5 - 1.5mm), 510' a spectacular set of conjugate chevron kink folds (hinge planging 60°E), kink folds are common in this unit wherever banding is well developed., fol c.a. 504' 30° 549' 37° 518' 35° 558' 33° 523' 41° 567' 40° 529' 37° 572' 37° 534' 38° 586' 39° 544' 41°				
587.6 - 601.3	feldspar porphyry	porphyritic yellowish grey	weak foliation both contacts are very deformed (ie folded)	15-20% (0.5-2.0mm) feldspar phenocrysts in a fgr. matrix 5% chl. massive, homogenous.			
601.3 - 605.5	sheared mafic flow	aphanitic; dark green	well fol. fol. c.a. 604' 44°	massive flow?			
605.5 - 606.4	feldspar porphyry			same as above FP			

NUINSCO RESOURCES LIMITED

DRILL LOG

Depth	Rock Type	Grain size Colour	Secondary Structure	Texture and Structure	Alteration	Mineralization	Comments
606.4 - 787	sheared mafic flow	aphanitic to fgr dark green; yellowish green where altered	initially well fol but fol decreases considerably towards the bottom of the hole, fol. defined by chl and ser orientation (cleavage) but also by discontinuous carb bands, small thin ser lamellae and chl lamellae, and by alignment of flattened mafic fragments, there are some kink folds and some tight folds with AP ∥ main fol fol c.a. 611' 40° | 640' 40° 619' 37° | 653' 47° 630' 38° | 660' 42° 673' 43° | 730' 41° 678' 41° | 740' 45° 686' 42° | 754' 45° 698' 42° | 769' 45° 702' 45° | 779' 47° 710' 41° | 782' 44° 722' 46° | 784' 47°	606.4 - 634 massive, some pillowed (some pillow selvages can be recognized) 634-787 predominantly "pillow breccia": flattened sericitized mafic flow fragments and small pillows in a fgr to mgr chloritic hyalotuff(?) and massive flow. Some larger pillows and short sections of massive flow.	generally some very weak carb + ser alter 630 - 773 2-10% carb + ser alteration restricted to bands (usually with sharp contacts and ∥ fol) pillows rims and pillow fragments are selectively sericitized and often very bleached (carb?) 635-642 10% A 697-702.5 20% A 730.6-731.4 50%A 769-773 20% A locally some QCV with thin A evelopes	there is rarely up to 1% mgr dis py associated with carb + ser alteration	
787	End of Hole						

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

Certificate of Analysis

NO. B395-84 DATE: May 30, 1984

SAMPLE(S) OF: Sludge (50) RECEIVED: May, 1984

SAMPLE(S) FROM: G. F. Archibald
Silver Lake Resources

HOLE #SL-1

Footage	Gold/ppb	Footage	Gold/ppb
76 - 86	103**	317-327	12
- 92	68**	347-357	7
- 99	137**	-367	3
-107	41	-377	8
-122	23	-387	7
-127	20	-397	4
-137	22	-407	7
-146	26	-417	5
-156	19	-427	7
-165	7	-437	7
-175	14	-447	4
-184	23	-457	12
-193	115	-467	3
196-206	23	-477	10
-216	23	-487	5
-227	33	-497	11
-237	15	-507	8
-247	11	-517	8
-257	18	-527	26
-267	4	-537	12
-277	12	-547	20
-287	10	-557	18
-297	5	-567	10
-307	4	-577	19
-317	4	597-637	11

** Checked

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER

INDUCED POLARIZATION

N1
N2
N3
N4
N5

FILTERED VLF

50
40
30
20
10
0

MAGNETICS (gammas)

1200
1100
1000
900
800
700

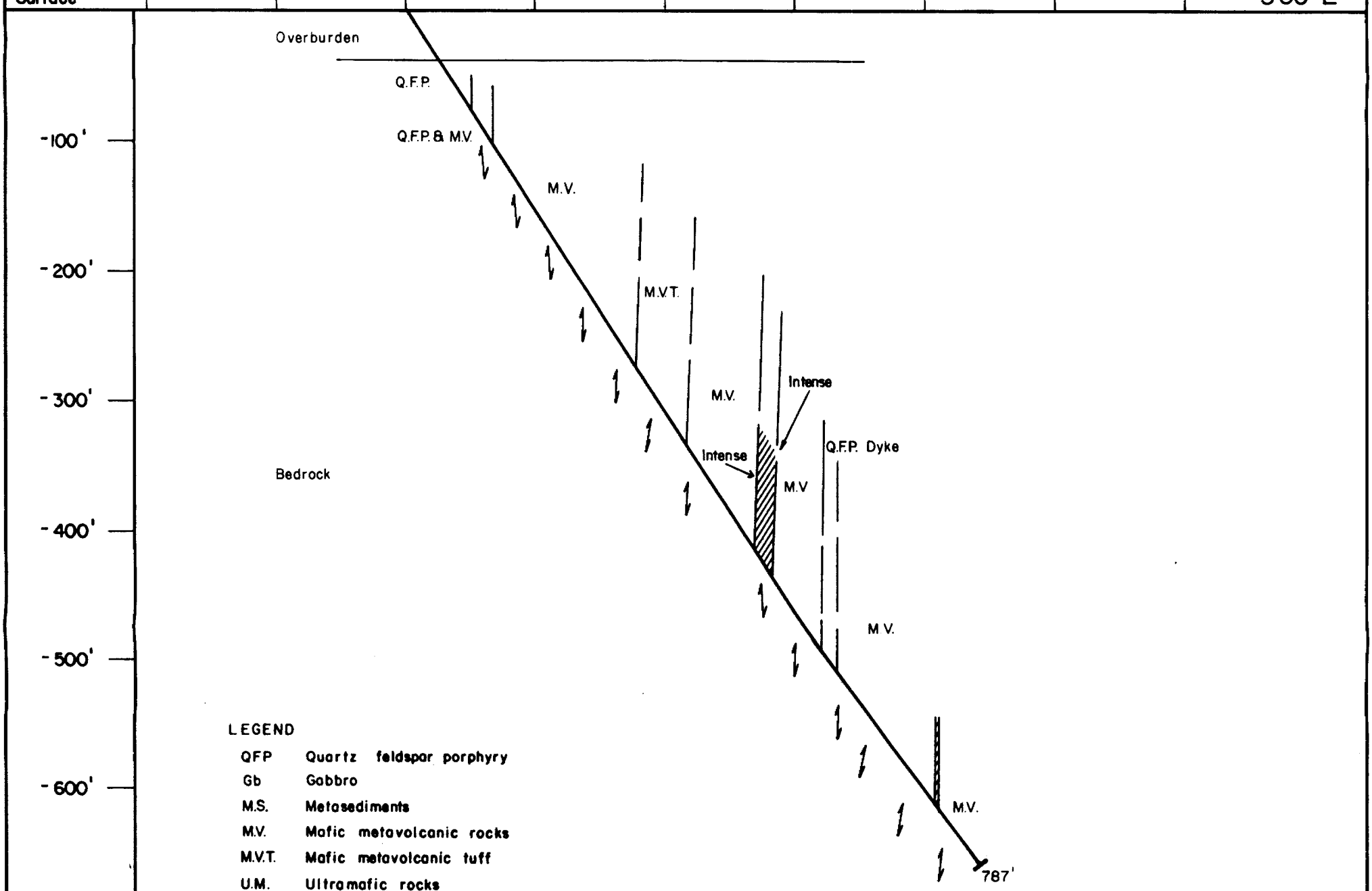
(Nuinsco Data)

L 80 W

18+00 N | 17+00 N | 00+00 N 32+00 E | 15+00 N | 14+00 N | 13+00 N | 12+00 N | 11+00 N | 10+00 N

Surface

S 30° E



LEGEND

QFP	Quartz feldspar porphyry
Gb	Gabbro
M.S.	Metasediments
M.V.	Mafic metavolcanic rocks
M.V.T.	Mafic metavolcanic tuff
U.M.	Ultramafic rocks
	Bedded & disseminated sulphides (Bed. & Diss. Su)
////	Sheared
	Foliation
0.004 / 4.0	Grade (oz/t Au) / length (feet)

Nuinsco Joint Venture

Silver Lake Resources Inc.

ROWAN LAKE PROJECT

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

SL-01, PROFILE COMPILATION

Scale : 1 inch = 100 feet

April, 1985