



52F05SE0076 2.7813 ROWAN LAKE

010

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

RECEIVED

for

FEB 15 1985

MINING LANDS SECTION

Silver Lake Resources Inc.
Suite 4650, P.O. Box 77,
Toronto-Dominion Bank Tower
Toronto, Ontario
M5K 1E7

January, 1985

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

LORNE BURDEN

SUMMARY

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

The property is on strike with three significant, recently outlined gold deposits. Nuinsco Resources' Monte Cristo property, which adjoins the Rowan Lake Property on the east, is host to the recently drilled Monte Cristo and Victor Island deposits. The Nuinsco-Lockwood Petroleum Cameron Lake 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.

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 one 800 foot diamond drill hole.

During the summer of 1984, the property was subject to geological and soil geochemical surveys. Several highly altered pyritic quartz-carbonate-sericite shear zones coincident with I.P. anomalies were located on the northern half of the property. The zones are similar in appearance to the alteration zone hosting the Cameron Lake deposit. Three of the zones were grab sampled and found to contain anomalous gold values. Four soil geochemical anomalies - three of which correlate

with I.P. anomalies - are located on the northern half of the property.

A strong magnetic anomaly is associated with the Victor Island and Monte Cristo gold deposits and strikes across the water covered portion of the Rowan Lake property. During the winter, a 3 hole, 2400 foot drill programme at a cost of \$70,000 is recommended to test the possible extension of this gold bearing shear zone. Stripping and trenching of known shear zones, I.P., and geochemical anomalies underlying the northern half of the property are also recommended to follow.



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INTRODUCTION

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

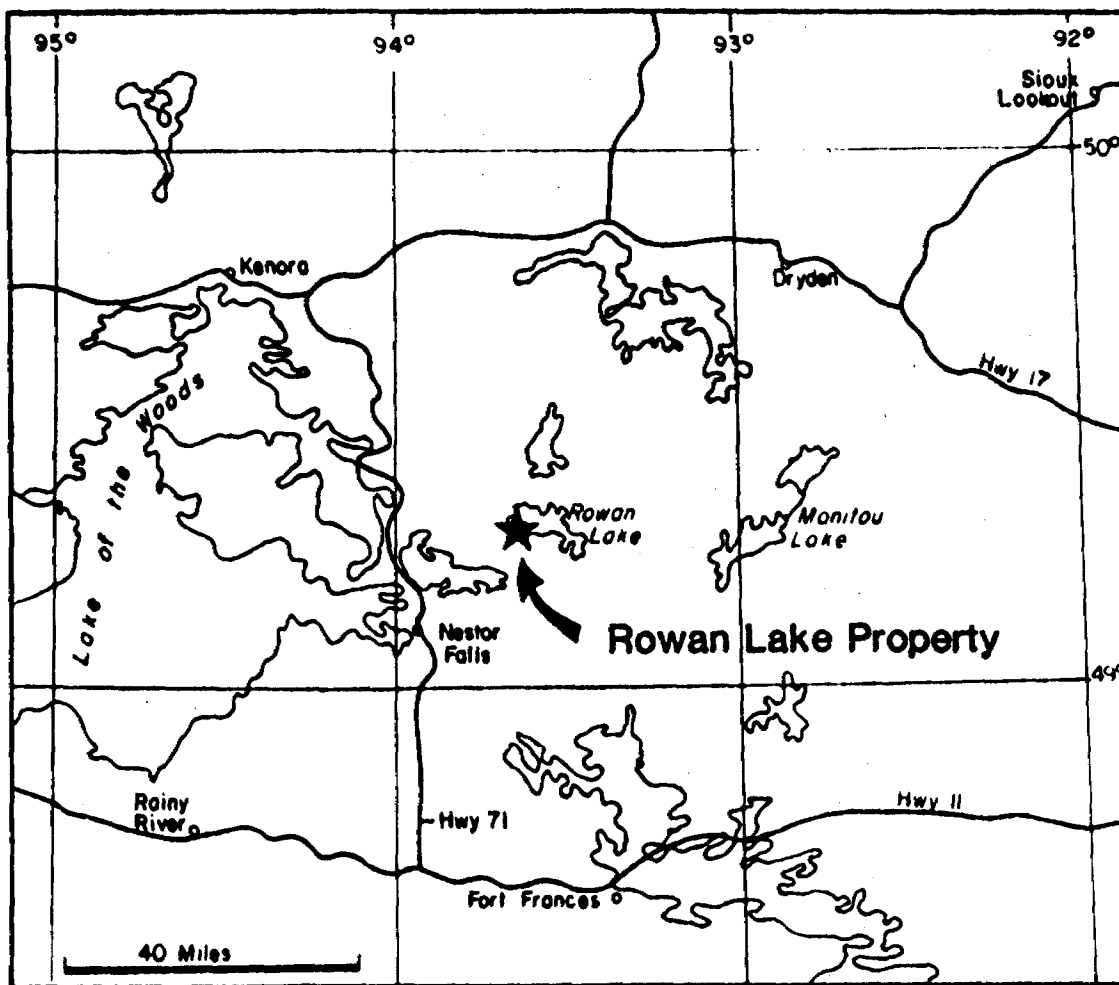
Gold deposits recently explored on the nearby Cameron Lake and Monte Cristo properties are contained within altered shear zones which also appear to underlie the Rowan Lake property. Chances for the occurrence of similar gold mineralization on the Rowan Lake property are excellent.

Geological mapping and soil sampling were conducted from June 19th to 29th, 1984 for Silver Lake Resources Inc. The surveys emphasized the evaluation of suspected altered mineralized shear zones which had been outlined up to the property boundaries by work on adjoining properties. These zones are also partially outlined on the property by Induced Polarization, V.L.F.E.M. and magnetometer surveys. Results of this work are presented in this report.

Location And Access

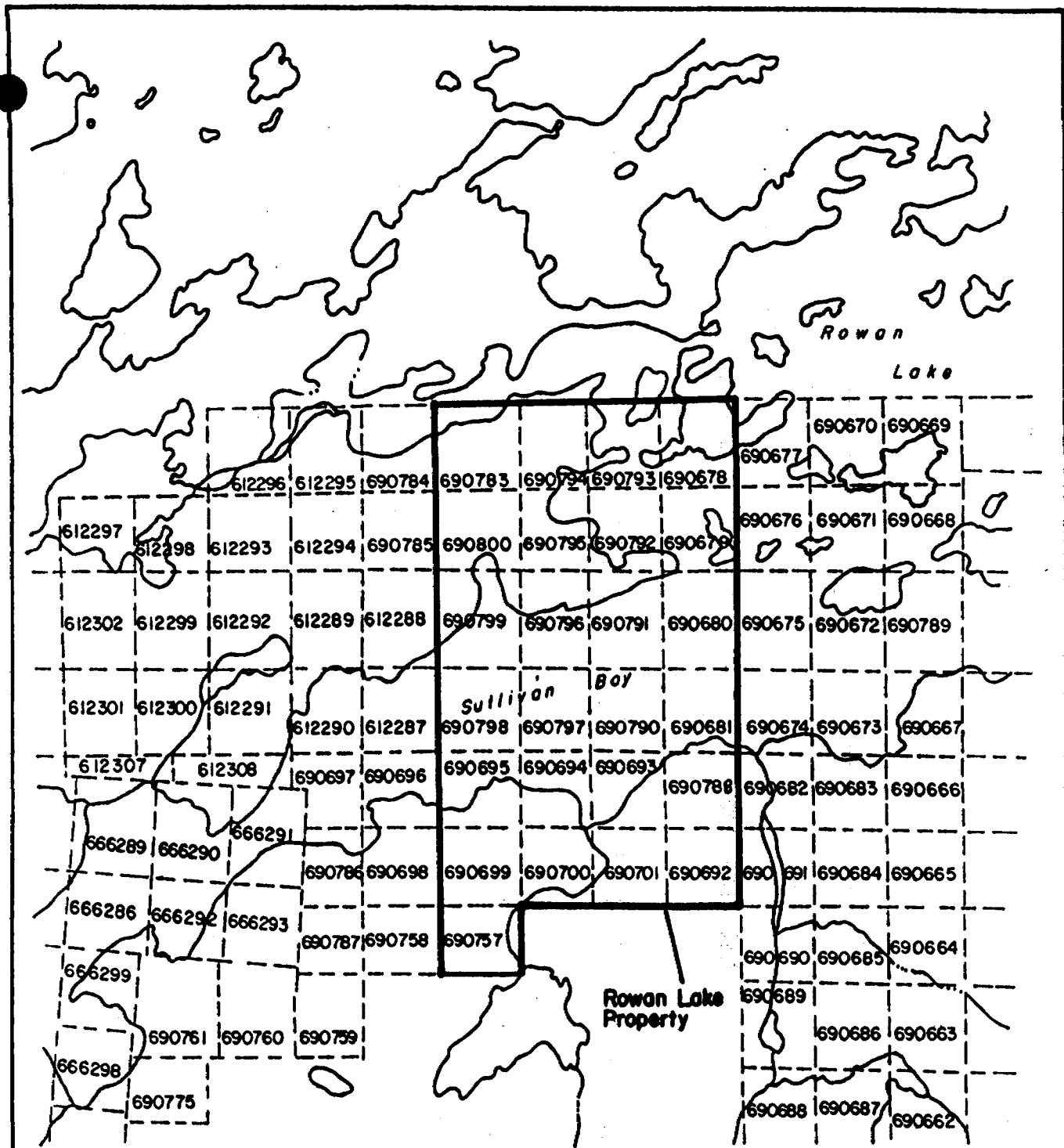
The property is located approximately 20 miles northeast of the town of Nestor Falls on Highway 71, and approximately 55 miles southeast of Kenora, Ontario (Figure 1). The property straddles Sullivan Bay on Rowan Lake, and several smaller bays and scattered islands (Figure 2).

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



LOCATION MAP

FIG. 1

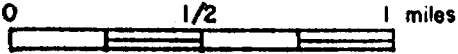


Rowan Lake Property

Sullivan Bay

Rowan Lake

**SILVER LAKE - DEL NORTE
JOINT VENTURE
ROWAN LAKE PROPERTY
District of Kenora, Ontario N.T.S. 52F/5
CLAIM INDEX**



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

Figure 2

as well as the tourist camps situated on Rowan Lake. Presently, Nuinsco Resources is constructing an all-weather road to the Cameron Lake camp.

Rowan Lake Lodge, located approximately 1½ 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 a 3% net smelter royalty.

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

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

A total of 80 days assessment has been applied prior to the present study to keep the claims in good standing until January 6, 1986.

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 $\frac{1}{2}$ mile, and Davies (1967), 1 inch to $\frac{1}{2}$ mile includes part of the Rowan Lake area. Most recently, Kaye (1973), mapped the area at a scale of 1 inch to $\frac{1}{2}$ 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 program 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 3500 and 5000 feet east of the Rowan Lake property. Gold was first reported to occur in a strong shear zone on the Monte Cristo claim in 1899. In 1931, due to lower water levels, the gold bearing shear zone was exposed over width of 20 feet and traced for over one mile. Nuinsco Resources acquired the claims surrounding the showings and have obtained encouraging results during their 1983 and 1984 drill programs (i.e., drill hole NM 25 cut 42.6 feet of 0.27 oz per ton Au, [Northern Miner Press, April 12, 1984]).

No evidence of previous work such as drill holes, trenching, or blasting were observed on the property during the summer mapping program. A search of the Toronto assessment files revealed that no assessment work had been filed on the property prior to its recent acquisition.

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

Geological mapping and soil sampling were conducted over an eleven day period in June 1984. Soil samples were taken of the B horizon, where possible, at 50 foot intervals along each line. Areas within 200 feet of I.P. anomalies and known shear zones were sampled at 25 foot intervals. Approximately half of the samples have been analysed.

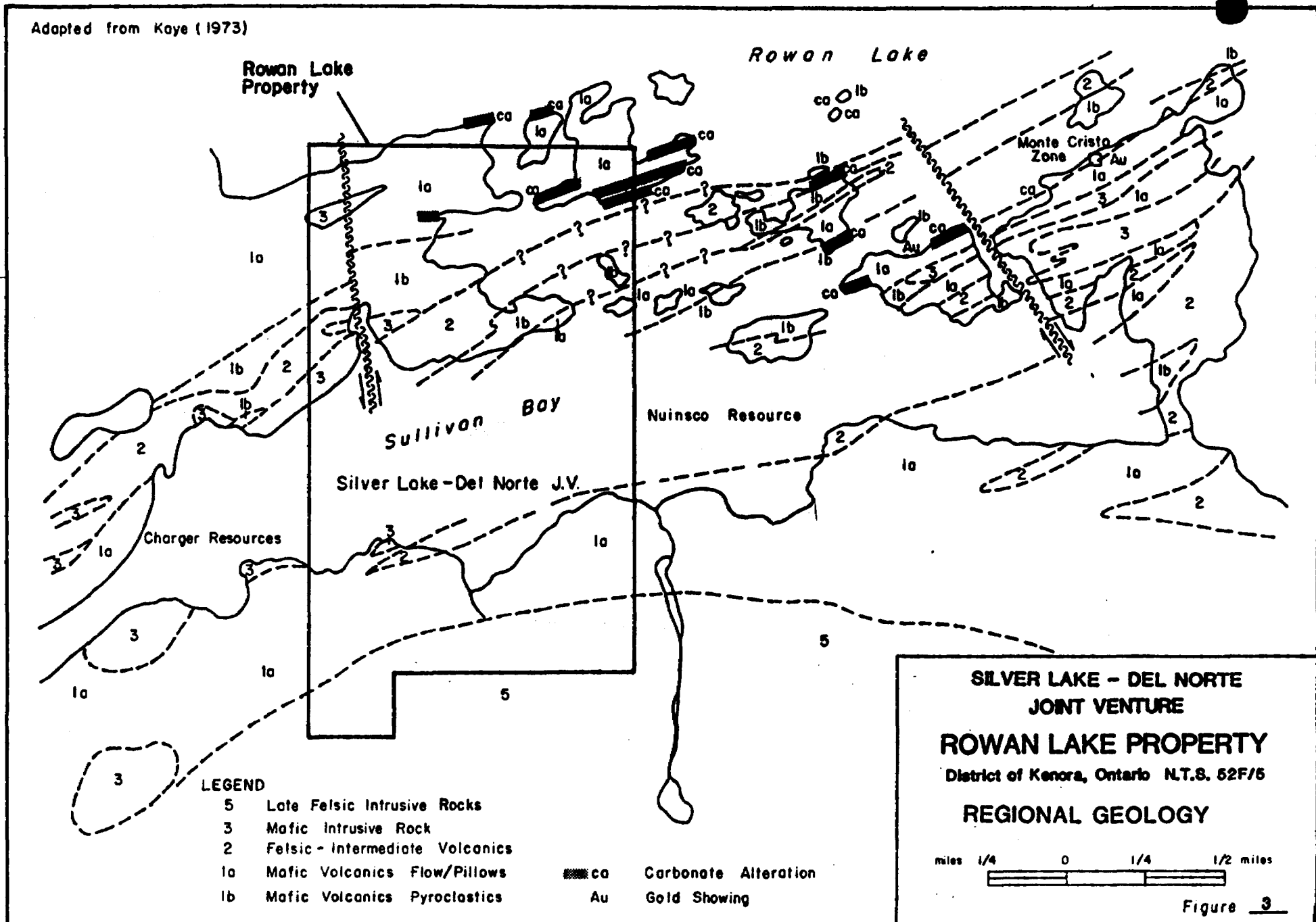
Geological mapping was conducted along picket lines and shorelines. Outcrop locations were recorded on field work sheets; foliations, textural and compositional variations, alteration and mineralization were noted in the field. The results of these observations are recorded on a geological map in the 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.

Adapted from Kaye (1973)



Property Geology

During the Early Precambrian a composite mafic to felsic volcanic sequence containing subvolcanic intrusions 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.

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

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 N62 °E 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 fresh surfaces. The rock is fine grained with fissile foliation which readily cleaves. The rock generally consists of fine ash but this may locally

grade into a lapilli tuff and tuff breccia with the fragments being felsic in composition.

Intermediate crystal tuff with up to 5% quartz phenocrysts occurs on the northern peninsula. The rock is grey on the weathered surface and greyish green on the fresh surface. Graded bedding occurs in 2 inch to 4 foot beds and fines from a coarse sand bottom to a clay sized top. Locally, the coarser fraction resembles a quartz-feldspar porphyry.

Cubic pyrite crystals up to 0.2 inches in diameter comprise approximately 1% of the mafic tuff including intermediate varieties.

Felsic flows are greyish green 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.

Felsic pyroclastic rocks include ash, 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 ash 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. 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 70% 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, but at 10W, 15N a carbonate

rich tuff breccia contains up to 2% finely disseminated pyrite.

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 43 rock samples were collected and assayed for gold. The results of these analyses including sample locations and descriptions are listed in Table 1.

Trace amounts of disseminated pyrite were found in all rocks excepting the highly siliceous cherty interflow sedimentary rocks. Greater amounts of disseminated pyrite were found in five separate easterly trending apparently conformable zones of highly altered mafic metavolcanic rock located on the northern portion of the property. The five zones locally contain between 2 to 8% disseminated pyrite in association with a quartz-carbonate vein stockwork in strongly carbonated, silicified, and sericitized rock. Grab samples were collected from all the prospective areas, and three areas returned significant gold assays.

Sample #30507 assayed 0.008 oz gold per ton, Sample #30529 assayed 0.012 oz gold per ton, and Sample #30535 assayed 0.018 oz gold per ton. Exposure of each of the mineralized zones is restricted to widths of 5 to 20 feet and lengths of 25 to 75 feet. Each shear zone is suspected to be much broader than this.

One mineralized zone located at 21+00N 19+00W may be traced onto the Charger Resources claims to the west. Charger Resources drilled this target in early 1984 and obtained encouraging results. Although no ore grade mineralization was encountered, geochemically anomalous rocks were intersected, and one sludge sample assayed 0.135 oz Au per ton over 10 feet (R. Middleton, personal communication).

All five shear zones warrant additional prospecting
and exploration.

TABLE #1ROCK SAMPLES

<u>Sample #</u>	<u>Location</u>	<u>Rock Description</u>	<u>oz. Au/ton</u>
30501	3+00N 30+25E	pyritic carbonate vein	0.002
02	5+25N 31+50E	quartz vein in basalt	0.002
03	7+75N 31+00E	gossan in cherty unit	0.002
04	8+50N 30+50E	gossan in cherty unit	0.002
05	12+00N 30+00E	Quartz-sericite schist	0.002
06	22+75N 32+00E	Carbonatized sericite schist	0.002
07	22+75N 32+00E	Quartz-Carbonate vein in sericite schist	trace
08	22+75N 32+00E	Quartz vein material from sericite schist	0.008
09	21+75N 32+00E	Sericite Schist	trace
10	21+75N 32+00E	cherty unit	0.002
11	23+00N 49+25E (offgrid)	gossan in a tuff	0.002
12	39+50N 16+00E	pyritic quartz-carbonate vein	0.002
13	24+50N 22+00E	pyritic quartz-carbonate alteration	0.002
14	25+50N 7+00E	carbonated pyritic basalt	0.002
15	25+50N 7+00E	quartz-carbonate vein material	0.002
16	25+50N 7+00E	pyritic basalt (altered)	0.002
17	25+50N 7+30E	quartz-carbonate vein material	0.002
18	24+00N 7+25E	basalt, trace pyrite and chalcopyrite	0.002
19	24+00N 7+25E	gossan in silicified, pillowed basalt	trace
20	21+00N 3+75E	pyritic tuff	0.002
21	21+00N 3+75E	porphyritic mafic tuff?	0.002
22	15+75N 10+00E	cherty unit	trace
23	14+50N 10-00E	felsic schist contact between tuff breccia and felsic flow	trace
24	2+50N 8+00E	gossan in sheared mafic tuff and basalt	0.002
25	16+25N 10+75W	carbonatized felsic volcanic	trace
26	16+25N 10+75W	carbonatized felsic volcanic	trace
27	16+25N 10+75W	pyritic felsic volcanic	0.002
28	4+50N 6+00W	gossan in tuff near contact with gabbro	0.002
29	21+00N 19+00W	pyritic quartz-carbonate-sericite schist	0.012
30	37+50N 12+00W	pyritic and carbonatized mafic volcanic with quartz carbonate veins	0.002
31	19+50N 4+00W	sheared and carbonated pyritic mafic tuff	trace
32	8+50N 0+00	carbonatized and sheared felsic tuff with trace pyrite	trace
33	18+00N 0+00	carbonatized felsic tuff breccia with pyrite	0.002
34	35+500N 4+00E	pyrite with quartz-carbonate vein in mafic flow	0.002
35	33+50N 4+00E	pyrite with quartz-carbonate vein in mafic flow	0.018
36	33+50N 4+00E	carbonatized and pyritic mafic flow	trace

37	33+50N 4+00E	carbonatized and pyritic mafic flow	trace
38	33+75S 12+00W	mafic tuff with trace pyrite in carbonate veinlets	trace
39	Drill Core	quartz-carbonate in altered tuff with trace pyrite and arsenopyrite	trace
40	33+50N 4+00E	silicified mafic volcanic	trace
41	33+50N 4+00E	carbonatized mafic volcanic	0.004
42	25+50N 4+00E	quartz-carbonate with pyrite	trace
30543	25+50N 7+50E	quartz-carbonate with pyrite	0.002

SOIL GEOCHEMISTRY

In conjunction with geological mapping, a soil geochemical survey was conducted over the Rowan Lake property. Samples were collected of the B soil horizon at 50 foot intervals along each line, where possible. Within 200 feet of I.P. anomalies, and known shear zones, sampling was conducted at 25 foot intervals.

Organics and A horizon soils were scraped off the sample location using a grub hoe, and fist size samples of B horizon soil were placed in to numbered paper sample bags. The samples were then dried, and sent for analysis to Bell-White Laboratories in Haileybury, Ontario. Approximately half of the samples were selected for analysis.

Bell-White 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.

The analytical results are tabulated in Appendix 1, and presented on (Map 2).

Using the geometric mean as an estimate of background soil gold values, it was determined that 3.54 ppb is background. Truly anomalous values are assumed to be five times background or 17.7 ppb.

This simple data message indicates that there are six truly anomalous soil samples in four distinct areas which warrant further investigation.

CONCLUSIONS AND RECOMMENDATIONS

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. The Monte Cristo and Victor Island gold deposits are located along this southern margin and coincide with a linear I.P. anomaly which is located slightly north of, but trends parallel to the magnetic anomaly. The I.P. effect, although not as intense due to the channeling effect of lake bottom sediments, can be traced onto the Rowan Lake property.

Geological and geophysical data suggest that the gold bearing Monte Cristo structure continues west onto the Rowan Lake property. A three hole, 2400 foot winter diamond drill programme is recommended to test this promising target.

Across the land portions of the property, the I.P. effect correlates with all known zones exhibiting strong alteration and mineralization, however no correlation is evident between magnetometer and V.L.F.E.M. anomalies and mineralization. Over water covered portions of the property, bedrock anomalies from V.L.F.E.M. and I.P surveys tend to be masked by the channeling of electric currents by lake bottom sediments.

Several I.P. anomalies correlate with shear zones containing anomalous gold values. Initial geological mapping of these zones indicate they are linear in nature with

exposed widths of 5 to 20 feet, and traceable on surface for hundreds of feet. Gold values are associated with pyritic quartz-carbonate-sericite schists bounded by highly altered areas of mafic metavolcanic rock. A stockwork of quartz-carbonate veining which locally may appear highly brecciated occurs within the schistose rock. These zones are similar in character to the Cameron Lake deposit located 5 miles to the west.

Four soil anomalies were located during the summer geochemical survey. Three of these soil anomalies are coincident with I.P. anomalies. The geological map indicates that the anomalies are in close proximity to the boundaries between different volcanic units. These anomalies could represent carbonatized and mineralized shear zones hidden beneath overburden.

All anomalous zones warrant further exploration. Since the surface cover is minimal on much of the property, a systematic programme of stripping, trenching, and sampling would be the easiest way to inspect all I.P. and soil geochemical anomalies. Should further encouraging results be obtained, a follow up programme of diamond drilling would be warranted.

ESTIMATE OF COSTSSummer Program

1.	Geologist & Assistant	3 weeks @ \$300/day	6,300
2.	JD 450 & driver	110 hrs @ \$65/hour	7,150
3.	Assaying	500 samples @ \$12/sample	6,000
4.	Supervision, travel, transportation, camp costs		10,000
5.	Contingency plus 20%		<u>5,550</u>
			<u>\$35,000</u>

Winter Program

1.	Diamond Drilling	2,400 ft @ \$27/ft all inclusive	65,000
2.	Supervision		<u>5,000</u>
			\$ 70,000
	Total Estimate of expenditures		<u>105,000</u>

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

PERSONAL DECLARATION

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

DO HEREBY CERTIFY THAT:

1. I am a consulting geologist.
2. I have worked in mineral exploration since 1979.
3. I am a graduate of the University of Toronto where I obtained a B.Sc. degree specializing in geological sciences in 1981.
4. I am a member of the Prospectors & Developers Association.
5. This report is based on personal examination of the claim group in conjunction with a review of all available reports, maps, and sections concerning the area.
6. I have no interest in the properties or securities of Silver Lake Resources Inc., nor do I expect to receive or acquire any.

DATED THIS 21st day of January, 1985.



LORNE D. BURDEN, B.Sc.

APPENDIX



BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187.

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

NO. B1488-84

Page 1 of 3

DATE: December 28, 1984

SAMPLE(S) OF: Soil (256)

RECEIVED: December, 1984

SAMPLE(S) FROM: Mr. Lorne Burden
Silver Lake Resources Inc.

RE: Rowan Lake Project

<u>Sample No.</u>	<u>Gold ppb</u>	<u>Sample No.</u>	<u>Gold ppb</u>	<u>Sample No.</u>	<u>Gold ppb</u>
RL-01	6	RL-59	2	RL-125	2
-03	2	-61	4	-127	6
-05	2	-63	14	-129	2
-05B	4	-65	6	-131	4
-07	6	-67	12	-132	4
-09	6	-69	4	-134	4
-11	2	-73	2	-136	6
-13	4	-75	10	-138	2
-15	2	-77	6	-140	4
-17	6	-79	8	-142	4
-19	2	-81	4	-144	8
-21	2	-83	14	-146	2
-23	6	-89	8	-148	2
-25	8	-91	8	-150	8
-27	2	-93	6	-152	8
-29	2	-95	4	-154	4
-31	4	-97	4	-156	6
-33	4	-99	6	-157	6
-35	2	-101	6	-159	8
-37	4	-103	6	-161	2
-39	2	-105	4	-162	4
-41	4	-107	4	-163	8
-43	2	-109	2	-164	4
-45	2	-111	4	-166	2
-47	2	-113	2	-168	4
-49	4	-115	4	-170	12
-51	4	-117	2	-172	10
-53	2	-119	4	-174	4
-55	4	-121	8	-176	2
-57	4	-123	4	-178	4

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

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER. 



BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187,

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

NO. B1488-84

Page 2 of 2

DATE: December 28, 1984

SAMPLE(S) OF: Soil (256)

RECEIVED: December, 1984

SAMPLE(S) FROM: Mr. Lorne Burden
Silver Lake Resources Inc.

RE: Rowan Lake Project

<u>Sample No.</u>	<u>Gold ppb</u>	<u>Sample No.</u>	<u>Gold ppb</u>	<u>Sample No.</u>	<u>Gold ppb</u>
RL-180	6	RL-246	4	RL-291	2
-182	2	-248	6	-293	2
-183	2	-249	6	-294	4
-188	4	-250	10	-296	2
-195	4	-251	6	-297	2
-197	2	-252	12	-299	2
-198	2	-253	4	-301	2
-200	4	-254	2	-303	2
-202	6	-255	2	-305	2
-205	6	-256	4	-307	2
-207	8	-258	6	-309	4
-209	10	-260	4	-312	2
-211	6	-262	4	-314	2
-213	2	-264	2	-316	2
-215	2	-266	2	-317	4
-217	2	-268	2	-318	4
-219	4	-270	2	-319	2
-222	4	-272	2	-320	2
-224	2	-274	2	-321	2
-226	6	-276	2	-322	2
-228	12	-279	2	-323	4
-229	6	-281	2	-324	2
-231	6	-282	2	-325	2
-233	2	-283	2	-327	2
-235	4	-284	2	-328	4
-237	6	-285	2	-329B	2
-239	6	-286	2	-331	2
-241	8	-287	4	-333	2
-243	4	-288	2	-335	2
-245	10	-289	2	-337	2

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

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER. 



BELL-WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187,

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

NO. B1488-84

Page 3 of 3

DATE: December 28, 1984

SAMPLE(S) OF: Soil (256)

RECEIVED: December, 1984

SAMPLE(S) FROM: Mr. Lorne Burden
Silver Lake Resources Inc.

RE: Rowan Lake Project

<u>Sample No.</u>	<u>Gold ppb</u>	<u>Sample No.</u>	<u>Gold ppb</u>	<u>Sample No.</u>	<u>Gold ppb</u>
RL-339	2	RL-392	4	RL-437	2
-341	2	-393	2	-438	2
-343	2	-394	2	-440	2
-345	2	-396	2	-442	2
-347	8	-397	2	-444	4
-349	2	-399	2	-446	4
-355	2	-401	2	-448	2
-356	2	-403	2	-450	2
-358	2	-404	2	-452	2
-360	4	-406	2	-454	2
-363	4	-408	2	-457	2
-366	2	-409	2	-459	6
-368	8	-410	2	-461	4
-371	4	-412	2	-464	4
-373	4	-414	2	-465	2
-376	2	-417	2	-466	2
-378	2	-419	2	-468	2
-380	2	-420	2	-470	4
-382	2	-422	2	-472	2
-384	2	-425	2	-474	2
-386	6	-427	2	-476	2
-388	2	-429	2	-478	2
-389	8	-431	2	-482	2
-390	2	-433	4	-486	2
-391	2	-435	2	-487	4
				-488	4

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

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER 



BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187 HAILEYBURY, ONTARIO TEL: (705) 672-3107
POJ 1KO

Silver Lake Resources Inc.
Suite 4650, Box 77
T. D. Bank Tower
Toronto Dominion Centre
TORONTO, Ontario
M5K 1E7

INVOICE No 17942

ORDER NO.

DATE December 28, 1984

CERTIFICATE NO.	DATE	DESCRIPTION	AMOUNT
1488-84	Dec. 28/84	<u>RE: Rowan Lake Project</u>	
		256 Au @ \$8.50	\$2,176.00
		256 sample preparations @ \$1.25	320.00
			<u>\$2,496.00</u>

James R. Fowler

Rowan Lake Project

*4801.05
#409.*



BELL-WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187.

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

NO. B 1489-84

Page 1 of 2

DATE: December 28, 1984

SAMPLE(S) OF: Soil (128)

RECEIVED: December, 1984

SAMPLE(S) FROM: Mr. Lorne Burden
Silver Lake Resources Inc.

RE: Rowan Lake Project

Sample No.	Gold ppb	Sample No.	Gold ppb	Sample No.	Gold ppb
RL-490	6	RL-535	8	RL-574	2
-492	4	-537	2	-576	6
-494	2	-539	4	-578	4
-496	6	-541	6	-579	2
-498	2	-543	2	-580	2
-500	4	-545	2	-582	8
-502	2	-547	10*	-584	4
-504	4	-549	2	-586	4
-506	4	-552	4	-588	4
-509	6	-553	2	-590	4
-511	8	-555	4	-592	4
-515	2	-556	4	-596	12*
-517	2	-558	4	-599	2
-519	4	-559	2	-603	2
-521	2	-561	6	-605	10
-523	2	-563	6	-607	6
-525	4	-565	2	-609	4
-527	4	-567	2	-611	6
-529	6	-569	4	-613	6
-531	24**	-570	4	-615	6
-533	2	-572	4	-617	12*

* Insufficient sample for accurate assay

** Checked

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

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER 



BELL-WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187.

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

NO. B 1489-84

Page 2 of 2

DATE: December 28, 1984

SAMPLE(S) OF: Soil (128)

RECEIVED: December, 1984

SAMPLE(S) FROM: Mr. Lorne Burden
Silver Lake Resources Inc.

RE: Rowan Lake Project

<u>Sample No.</u>	<u>Gold ppb</u>	<u>Sample No.</u>	<u>Gold ppb</u>	<u>Sample No.</u>	<u>Gold ppb</u>
RL-619	4*	RL-660	6	RL-703	6
-621	2	-662	4	-705	4
-623	4	-664	8	-706	4
-625	2	-665	6	-708	2
-627	4	-669	8	-710	6
-629	2	-672	6	-712	4
-630	6	-674	2	-714	2
-632	2	-676	8	-716	8
-634	16**	-678	12*	-718	6
-636	4	-679	8*	-719	32**
-638	2	-680	4*	-721	2
-640	2	-682	2	-723	2
-642	4	-684	2	-725	10
-644	12	-686	4	-726	2
-646	2	-688	4	-728	4
-648	6	-690	6	-729	4
-650	8	-692	12	-730	2
-652	20**	-694	12	-731	4
-654	4	-696	16	-733	6
-655	2	-698	22**	-735	2
-656	4	-699	42**	-737	4
-658	4	-701	4		

* Insufficient sample for accurate assay

** Checked

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

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER 



BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187 HAILEYBURY, ONTARIO TEL: (705) 672-3107
POJ 1K0

Silver Lake Resources Inc.
Suite 4650, Box 77
T. D. Bank Tower
Toronto Dominion Tower
TORONTO, Ontario
M5K 1E7

INVOICE No 17977

ORDER NO.

DATE December 28, 1984

CERTIFICATE NO.	DATE	DESCRIPTION	AMOUNT
31489-84	Dec. 28/84	RE: Rowan Lake Project 128 Au @ \$8.50 128 sample preparations @ \$1.25	\$ 1,088.00 160.00 <hr/> \$ 1,248.00

James R. Quinlan



BELL-WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187.

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

NO. B1490-84

DATE: December 28, 1984

SAMPLE(S) OF: Soil (102)

RECEIVED: December, 1984

SAMPLE(S) FROM: Mr. Lorne Burden
Silver Lake Resources Inc.

RE: Rowan Lake Project

Sample No.	Gold ppb	Sample No.	Gold ppb	Sample No.	Gold ppb
RL-739	6	RL-795	2	RL-862	2
-741	4	-797	2	-864	2
-743	2	-799	4	-866	16*
-745	2	-801	2	-875	2
-747	2	-803	4	-876	8*
-749	4	-804	4	-878	7*
-751	6	-806	2	-880	2
-753	6	-808	4	-882	2
-757	14**	-810	2	-896	4
-759	2	-812	4	-905	6
-761	8	-814	4	-932	8
-762	2	-815	4	-934	5*
-763	6	-817	4	-941	8*
-765	6	-818	2	-942	2
-766	2*	-820	4	-943	2
-767	4	-821	4*	-944	2
-769	4	-823	10	-946	2
-770	2	-824	4	-948	6
-771	12**	-826	4	-949	4
-773	6	-828	2	-951	4
-775	4	-830	4	-953	7*
-777	14**	-832	2	-955	10*
-779	10	-834	2	-957	9*
-781	4	-836	2	-963	7*
-782	4	-838	6*	-965	14**
-783	4	-840	8*	-967	4
-784	2	-842	8	-968	4
-785	4	-843	2	-969	2
-786	4	-844	4*	-979	4*
-788	2	-846	4*	-981	7*
-789	2	-848	2	-1070	20*
-790	2	-850	15*	-1072	17*
-791	2	-857	2	-1073	8
-793	4	-861	4*	-1089	2

* Insufficient sample for accurate assay

** Checked

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

BELL-WHITE ANALYTICAL LABORATORIES LTD.

[Signature]
PER _____



BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187 HAILEYBURY, ONTARIO TEL: (705) 672-3107
POJ 1K0

Silver Lake Resources Inc.
Suite 4650, Box 77
T.D. Bank Tower
Toronto Dominion Centre
TORONTO, Ontario
M5K 1E7

INVOICE No 17994

ORDER NO.

DATE December 28, 1984

CERTIFICATE NO.	DATE	DESCRIPTION	AMOUNT
1490-84	Dec. 28/84	<u>RE:</u> Rowan Lake Project	
		102 Au @ \$8.50 102 sample preparations @ \$1.25	\$ 867.00 127.50 <hr/> \$ 994.50
		BPX Charges (see attached slips)	\$ 62.55
		GRAND TOTAL	<hr/> <hr/> \$ 1,057.05

approved
James R. Powell



52F05SE0076 2.7813 ROWAN LAKE

900

Mining Lands Section

File No 2.7813

Control Sheet

TYPE OF SURVEY GEOPHYSICAL

GEOLOGICAL

GEOCHEMICAL

EXPENDITURE

MINING LANDS COMMENTS:

LD
Lgd

Dennisk.

Signature of Assessor

Feb. 26/85

Date

1985 05 08

Your File:34/85
Our File:2.7813

Mining Recorder
Ministry of Natural Resources
808 Robertson Street
Box 5080
Kenora, Ontario
P9N 3X9

Dear Sir:

RE: Notice of Intent dated April 17, 1985
Geological and Geochemical Survey and
Data for Assaying on Mining Claims
K 690678, et al, in the Rowan Lake Area
+

The assessment work credits, as listed with the
above-mentioned Notice of Intent, have been approved
as of the above date.

Please inform the recorded holder of these mining
claims and so indicate on your records.

Yours sincerely,

S.E. Yundt
Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3
Phone:(416)965-4888

D. Kinvig:mc

cc: Silver Lake Resources Inc
Toronto, Ontario
cc: Mr. G.H. Ferguson
Mining & Lands Commissioner
Toronto, Ontario
cc: Resident Geologist
Kenora, Ontario
Encl.

Recorded Holder
SILVER LAKE RESOURCES INC

Township or Area
ROWAN LAKE AREA

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
<p>Geophysical</p> <p>Electromagnetic _____ days</p> <p>Magnetometer _____ days</p> <p>Radiometric _____ days</p> <p>Induced polarization _____ days</p> <p>Other _____ days</p> <p>Section 77 (19) See "Mining Claims Assessed" column</p> <p>Geological _____ days</p> <p>Geochemical _____ days</p>	<p>\$4738.50 SPENT ON ANALYSES OF SAMPLES TAKEN FROM MINING CLAIMS:</p> <p>K 690678 690692 to 95 inclusive 690699 to 701 inclusive 690757 690783 690788 690794 to 96 inclusive 690799-800</p> <p>316 ASSESSMENT WORK DAYS ARE ALLOWED WHICH MAY BE GROUPED IN ACCORDANCE WITH SECTION 76(6) OF THE MINING ACT.</p>
<p>Man days <input type="checkbox"/> Airborne <input type="checkbox"/></p> <p>Special provision <input type="checkbox"/> Ground <input type="checkbox"/></p> <p><input type="checkbox"/> Credits have been reduced because of partial coverage of claims.</p> <p><input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.</p>	

Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

not sufficiently covered by the survey Insufficient technical data filed

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical — 80; Geological — 40; Geochemical — 40; Section 77 (19)—60:



Ontario

Ministry of Natural Resources

Technical Assessment Work Credits

File 2.7813

Date 1985 04 17

Mining Recorder's Report of Work No. 34/85

Recorded Holder: SILVER LAKE RESOURCES INC

Township or Area: ROWAN LAKE AREA

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic _____ days Magnetometer _____ days Radiometric _____ days Induced polarization _____ days Other _____ days Section 77 (19) See "Mining Claims Assessed" column Geological _____ 15 _____ days Geochemical _____ days Man days <input type="checkbox"/> Airborne <input type="checkbox"/> Special provision <input checked="" type="checkbox"/> Ground <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Credits have been reduced because of partial coverage of claims. <input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.	K 690678 to 80 inclusive 690692 to 95 inclusive 690699 to 701 inclusive 690757 690783 690788 690791 to 96 inclusive 690798 to 800 inclusive

Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

not sufficiently covered by the survey Insufficient technical data filed

K 690681
690790
690797

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical — 80; Geological — 40; Geochemical — 40; Section 77(19)—80:



Ministry of
Natural
Resources

**Technical Assessment
Work Credits**

File
2.7813

Date 1985 04 17 Mining Recorder's Report of
Work No. 34/85

Recorded Holder
SILVER LAKE RESOURCES INC

Township or Area
ROWAN LAKE AREA

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
<p>Geophysical</p> <p>Electromagnetic _____ days</p> <p>Magnetometer _____ days</p> <p>Radiometric _____ days</p> <p>Induced polarization _____ days</p> <p>Other _____ days</p> <p>Section 77 (19) See "Mining Claims Assessed" column</p> <p>Geological _____ days</p> <p>Geochemical _____ 15 _____ days</p> <p>Man days <input type="checkbox"/> Airborne <input type="checkbox"/></p> <p>Special provision <input checked="" type="checkbox"/> Ground <input checked="" type="checkbox"/></p> <p><input checked="" type="checkbox"/> Credits have been reduced because of partial coverage of claims.</p> <p><input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.</p>	<p>K 690678 690692 to 95 inclusive 690699 to 701 inclusive 690757 690783 690788 690794 to 96 inclusive 690799-800</p>

Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

not sufficiently covered by the survey Insufficient technical data filed

K 690679 to 81 inclusive
690790 to 93 inclusive
690797-98

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical — 80; Geological — 40; Geochemical — 40; Section 77(19)— 80:



Ministry of
Natural
Resources

May 2/85

1985 04 17

Your File: 34/85
Our File: 2.7813

Mining Recorder
Ministry of Natural Resources
808 Robertson Street
Box 5080
Kenora, Ontario
P9N 3X9

Dear Sir:

Enclosed are two copies of a Notice of Intent with statements listing a reduced rate of assessment work credits to be allowed for a technical survey. Please forward one copy to the recorded holder of the claims and retain the other. In approximately fifteen days from the above date, a final letter of approval of these credits will be sent to you. On receipt of the approval letter, you may then change the work entries on the claim record sheets.

For further information, if required, please contact Mr. R.J. Pichette at 416/965-4888.

Yours sincerely,

S.E. Yundt
Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3

D.L.D. Kinvig:mc

Encls.

cc: Silver Lake Resources Inc
Suite 4650
Box 77
Toronto-Dominion Centre
Toronto, Ontario
M5K 1E7
cc: Mr. G.H. Ferguson
Mining & Lands Commissioner
Toronto, Ontario



Ministry of
Natural
Resources

Notice of Intent
for Technical Reports

1985 04 17

2.7813/34/85

An examination of your survey report indicates that the requirements of The Ontario Mining Act have not been fully met to warrant maximum assessment work credits. This notice is merely a warning that you will not be allowed the number of assessment work days credits that you expected and also that in approximately 15 days from the above date, the mining recorder will be authorized to change the entries on his record sheets to agree with the enclosed statement. Please note that until such time as the recorder actually changes the entry on the record sheet, the status of the claim remains unchanged.

If you are of the opinion that these changes by the mining recorder will jeopardize your claims, you may during the next fifteen days apply to the Mining and Lands Commissioner for an extension of time. Abstracts should be sent with your application.

If the reduced rate of credits does not jeopardize the status of the claims then you need not seek relief from the Mining and Lands Commissioner and this Notice of Intent may be disregarded.

If your survey was submitted and assessed under the "Special Provision-Performance and Coverage" method and you are of the opinion that a re-appraisal under the "Man-days" method would result in the approval of a greater number of days credit per claim, you may, within the said fifteen day period, submit assessment work breakdowns listing the employees names, addresses and the dates and hours they worked. The new work breakdowns should be submitted direct to the Land Management Branch, Toronto. The report will be re-assessed and a new statement of credits based on actual days worked will be issued.

FWM

#34/85



Ministry of Natural Resources

Report of Work (Geophysical, Geological, Geochemical and Expenditures)

27813

Instructions: Please type or print. If number of mining claims traversed exceeds space on this form, attach a list. Note: Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns. Do not use shaded areas below.

Mining Act

Form header containing: Type of Work (Geological and Geochemical), Claim Holder (SILVER LAKE RESOURCES INC.), Address (Suite 4650, Box 77, Toronto-Dominion Centre, Toronto, Ontario M5K 1E7), Survey Company (Silver Lake Resources Inc.), Date of Survey (19 06 84 to 29 06 84), Total Miles of line Cut, Name and Address of Author (Lorne Burden, 27 Hollingworth Dr., Scarborough, Ontario)

Table: Credits Requested per Each Claim in Columns at right. Columns: Special Provisions, Geophysical, Days per Claim, Geological, Geochemical.

Table: Mining Claims Traversed (List in numerical sequence). Columns: Mining Claim Prefix, Mining Claim Number, Expend. Days Cr.

RECEIVED FEB 25 1985 MINING LANDS SECTION

Stamp: RECEIVED FEB 25 1985 MINING DIV. with handwritten notes and signatures.

Form sections: Expenditures (excludes power stripping), Type of Work Performed (Chemical Analyses 77(19)), Calculation of Expenditure Days Credits (Total Expenditures \$4,738.50 / 15 = 316), Instructions.

690666

Total number of mining claims covered by this report of work. 25

Date: Feb 14/85 Recorded Holder of Agent (Signature): James R. Burden

For Office Use Only: Total Days Cr. Recorded 1316, Date Recorded Feb 19/1985, Mining Recorder M. J. May / Acting Branch Director.

Certification Verifying Report of Work: I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto... Name and Postal Address of Person Certifying: LORNE D. BURDEN 27 HOLLINGWORTH DR. SCARBOROUGH ONTARIO M1P 1E1. Date Certified: Feb 14/85.

March 7, 1985

File: 2.7813

Silver Lake Resources Inc
Suite 4650
Box 77
Toronto-Dominion Centre
Toronto, Ontario
M5K 1E7

Dear Sirs:

RE: Data for Assaying on Mining Claims
K 690678, et. al., in the Area of
Rowan Lake

Please provide copies of cancelled cheques or
signed receipts for \$4,738.50 as verification
for your assay costs.

When submitting this material, please quote
file 2.7813.

For further information, please contact Dennis Kinvig
at (416)965-4888.

Yours sincerely,

S.E. Yundt
Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: (416)965-4888

D. Kinvig:mc

cc: Mining Recorder
Kenora, Ontario
File: 34/85

O.K.

Work performed on Claim(s)

K690673,

K690692 - K690695 inclusive,

K690699 - K690701 inclusive,

K690757,

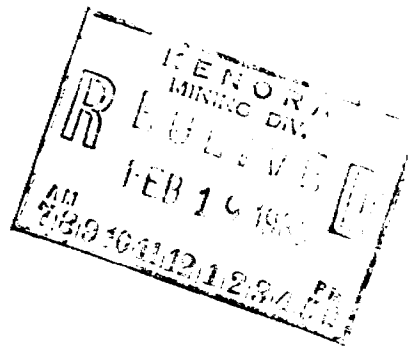
K690783,

K690788,

K690794 - K690795 inclusive,

K690799,

K690800.



1985 02 23

Your File:
Our File: 2.7813

Mining Recorder
Ministry of Natural Resources
808 Robertson Street
Box 5080
Kenora, Ontario
P9N 3X9

Dear Madam:

We received reports and maps on February 15, 1985 for a Geological and Geochemical Survey submitted under Special Provisions (credit for Performance and Coverage) on Mining Claims K 690678 et al in the Area of Rowan Lake.

This material will be examined and assessed and a statement of assessment work credits will be issued.

We do not have a copy of the report of work which is normally filed with you prior to the submission of this technical data. Please forward a copy as soon as possible.

Yours sincerely,

S.E. Yundt
Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3
Phone:(416)965-6918

A. Barr:sc

cc: Silver Lake Resources Inc
Box 77
T.D. Bank Tower
Toronto, Dominion Centre
Toronto, Ontario
M5K 1E7
Attn: Lorne Burden.

SILVER LAKE RESOURCES INC.

Suite 50, Box 77, T.D. Bank Tower
Toronto-Dominion Centre
Toronto, Ontario M5K 1E7
Telephone: (416) 361-0212

February 14, 1985

Ministry of Natural Resources
Mining Lands Section
Whitney Block, Room 6610
99 Wellesley Street West,
Queen's Park
Toronto, Ontario
M7A 1W3

Dear Sirs,

In compliance with Ministry of Natural Resources requirements, enclosed are two geotechnical reports covering 25 mining claims in the Kenora Mining Division, Rowan Lake area (M2580). A summary of claim numbers and work performed are listed on the Technical Data Statement attached to the back of each report.

Should you require any further information, or clarification concerning these reports, please feel free to contact me at the above listed address.

Yours truly,



Lorne Burden

RECEIVED

FEB 15 1985

MINING LANDS SECTION

P.S. The "Report of Work" form was sent to the mining recorder in Kenora today.

LB/is
Enclosure



GEOPHYSICAL - GEOLOGICAL - GEOCHEMICAL
TECHNICAL DATA STATEMENT

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s) Geological & Geochemical
Township or Area Rowan Lake Area
Claim Holder(s) Silver Lake Resources Inc.
Suite 4650, T.D. Bank Tower
Survey Company Silver Lake Resources Inc.
Author of Report Lorne Burden
Address of Author 27 Hollingworth Dr., Scarborough
Covering Dates of Survey June 19/84 to June 29/84
(linecutting to office)
Total Miles of Line Cut 22.7 miles

MINING CLAIMS TRAVERSED
List numerically

K690678	K690798
(prefix)	(number)
K690679	K690799
K690680	K690800
K690681	
K690692	
K690693	
K690694	
K690695	
K690699	
K690700	
K690701	
K690757	
K690783	
K690788	
K690790	
K690791	
K690792	
K690793	
K690794	
K690795	
K690796	
K690797	
TOTAL CLAIMS	25

If space insufficient, attach list

<u>SPECIAL PROVISIONS</u> <u>CREDITS REQUESTED</u>		DAYS per claim.
ENTER 40 days (includes line cutting) for first survey.	Geophysical	
	-Electromagnetic	_____
	-Magnetometer	_____
	-Radiometric	_____
ENTER 20 days for each additional survey using same grid.	-Other	_____
	Geological	20
	Geochemical	20

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)

Magnetometer _____ Electromagnetic _____ Radiometric _____
(enter days per claim)

DATE: Feb 14/85 SIGNATURE: J. Burden
Author of Report or Agent

Res. Geol. _____ Qualifications _____

<u>Previous Surveys</u>			
File No.	Type	Date	Claim Holder

OFFICE USE ONLY

GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS – If more than one survey, specify data for each type of survey

Number of Stations _____ Number of Readings _____

Station interval _____ Line spacing _____

Profile scale _____

Contour interval _____

MAGNETIC

Instrument _____

Accuracy – Scale constant _____

Diurnal correction method _____

Base Station check-in interval (hours) _____

Base Station location and value _____

ELECTROMAGNETIC

Instrument _____

Coil configuration _____

Coil separation _____

Accuracy _____

Method: Fixed transmitter Shoot back In line Parallel line

Frequency _____
(specify V.L.F. station)

Parameters measured _____

GRAVITY

Instrument _____

Scale constant _____

Corrections made _____

Base station value and location _____

Elevation accuracy _____

**INDUCED POLARIZATION
RESISTIVITY**

Instrument _____

Method Time Domain Frequency Domain

Parameters – On time _____ Frequency _____

– Off time _____ Range _____

– Delay time _____

– Integration time _____

Power _____

Electrode array _____

Electrode spacing _____

Type of electrode _____

SELF POTENTIAL

Instrument _____ Range _____

Survey Method _____

Corrections made _____

RADIOMETRIC

Instrument _____

Values measured _____

Energy windows (levels) _____

Height of instrument _____ Background Count _____

Size of detector _____

Overburden _____
(type, depth – include outcrop map)

OTHERS (SEISMIC, DRILL WELL LOGGING ETC.)

Type of survey _____

Instrument _____

Accuracy _____

Parameters measured _____

Additional information (for understanding results) _____

AIRBORNE SURVEYS

Type of survey(s) _____

Instrument(s) _____
(specify for each type of survey)

Accuracy _____
(specify for each type of survey)

Aircraft used _____

Sensor altitude _____

Navigation and flight path recovery method _____

Aircraft altitude _____ Line Spacing _____

Miles flown over total area _____ Over claims only _____

GEOCHEMICAL SURVEY – PROCEDURE RECORD

Numbers of claims from which samples taken K690678, 690679, K690681, K690692 - 690701
K690692 - 690701, K690757, K690783, K690788, K690790 - 690799, K690800.

Total Number of Samples 1115
 Type of Sample Soil
(Nature of Material)
 Average Sample Weight 1.5 lbs
 Method of Collection shovel
 Soil Horizon Sampled B horizon
 Horizon Development poor
 Sample Depth 4 - 8 inches
 Terrain undulating
 Drainage Development good
 Estimated Range of Overburden Thickness thirty feet

SAMPLE PREPARATION

(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis -80 mesh

General Samples were screened to -80 mesh, 10 gram portions of this Fraction were used to produce a dore bead. Dore beads were redissolved into solution with aqua-regia and than tested for gold by atomic absorption.

ANALYTICAL METHODS

Values expressed in: per cent
 p. p. m.
 p. p. b.

Cu, Pb, Zn, Ni, Co, Ag, Mo, As, -(circle)

Others Au

Field Analysis (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Field Laboratory Analysis

No. (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Commercial Laboratory (_____ tests)

Name of Laboratory Bell-White Labs Ltd.

Extraction Method Fire assay

Analytical Method Atomic Absorption

Reagents Used aqua regia

General _____

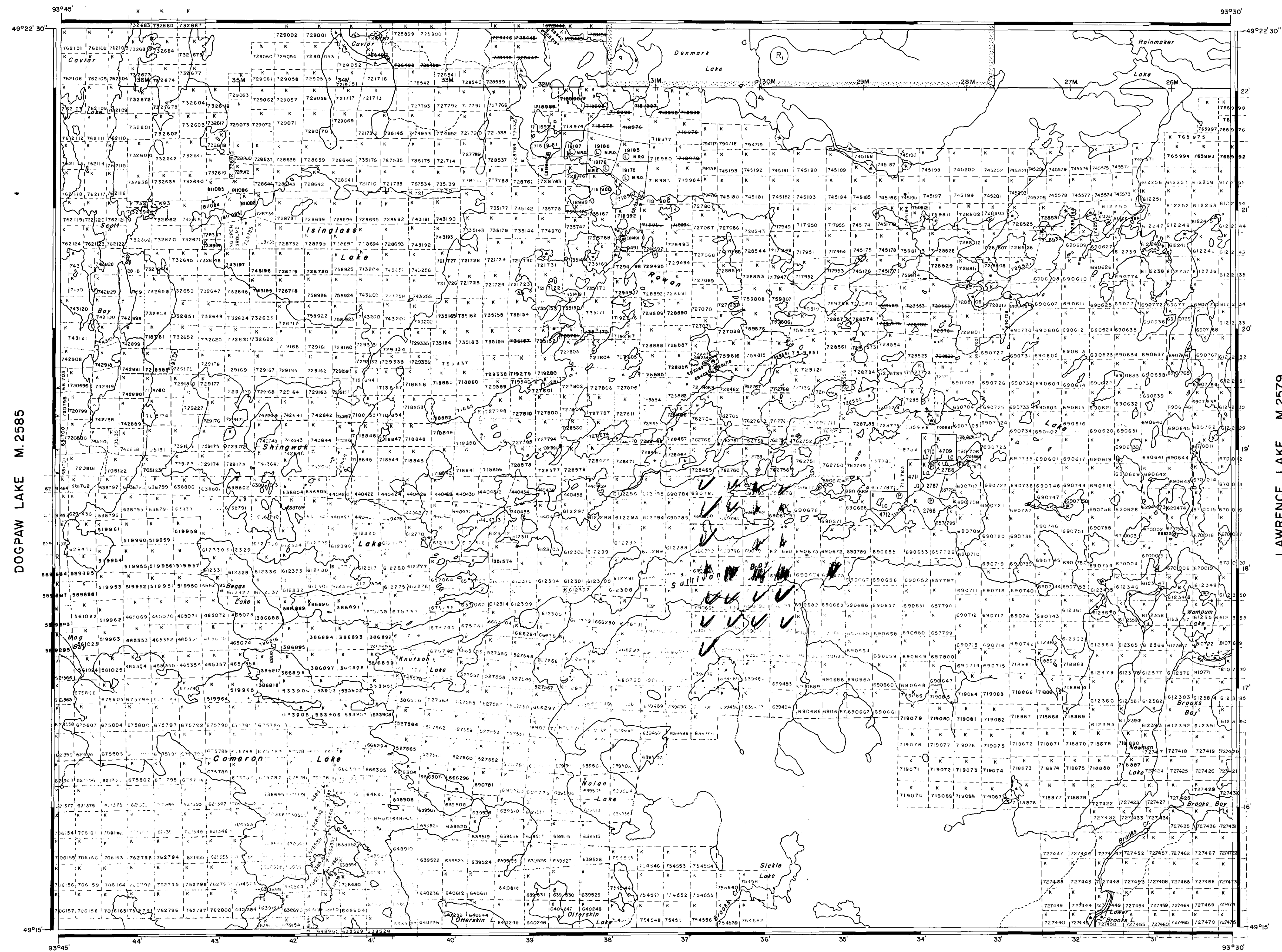
2.7813

	Geol.	Geodes.		Geol.	Geodes.		Geol.	Geodes.
K-690678	1/2	3/4	690699	✓	✓	690792	3/4	0
79	3/4	0	700	✓	1/4	93	1/2	0
80	3/4	0	690701	✓	~✓	94	✓	>1/4
690681	0	0	690757	~✓	~1/4	95	1/2	1/2
690692	✓	1/4	690783	~✓	~✓	96	1/2	3/4
93	3/4	3/4	690788	~✓	1/4	97	0	0
94	3/4	3/4	690790	0	0	98	3/4	0
690695	3/4	3/4	690791	3/4	0	99	1/4	1/2
				1/4	3/4	690800	✓	✓
							1/4	1/4
PRO RATE Geol. -			PRO RATE Geodes. -					
$(20 \times 22) \div (22 + 3/4) = 14.78 \approx 15$			$(20 \times 16) \div (16 + 3/4) = 14.54 = 15$					
			D.K.					

082S-M

082S-M

ATIKWA LAKE (GRAPNEL BAY) M.2629



DOGPAW LAKE M.2585

LAWRENCE LAKE M.2579

BROOKS LAKE M.2473

AREA OF
ROWAN LAKE
 DISTRICT OF KENORA
 KENORA MINING DIVISION
 SCALE: 1-INCH = 40 CHAINS

LEGEND

- PATENTED LAND
- CROWN LAND SALE
- LEASES
- LOCATED LAND
- LICENSE OF OCCUPATION
- MINING RIGHTS ONLY
- SURFACE RIGHTS ONLY
- ROADS
- IMPROVED ROADS
- KING'S HIGHWAYS
- RAILWAYS
- POWER LINES
- MARSH OR MUSKEG
- MINES
- CANCELLED
- PATENTED S.R.O.

NOTES

400' Surface Rights Reservation along the shores of all lakes and rivers.

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. - MINING RIGHTS ONLY
 S.R.O. - SURFACE RIGHTS ONLY
 M.+S. - MINING AND SURFACE RIGHTS

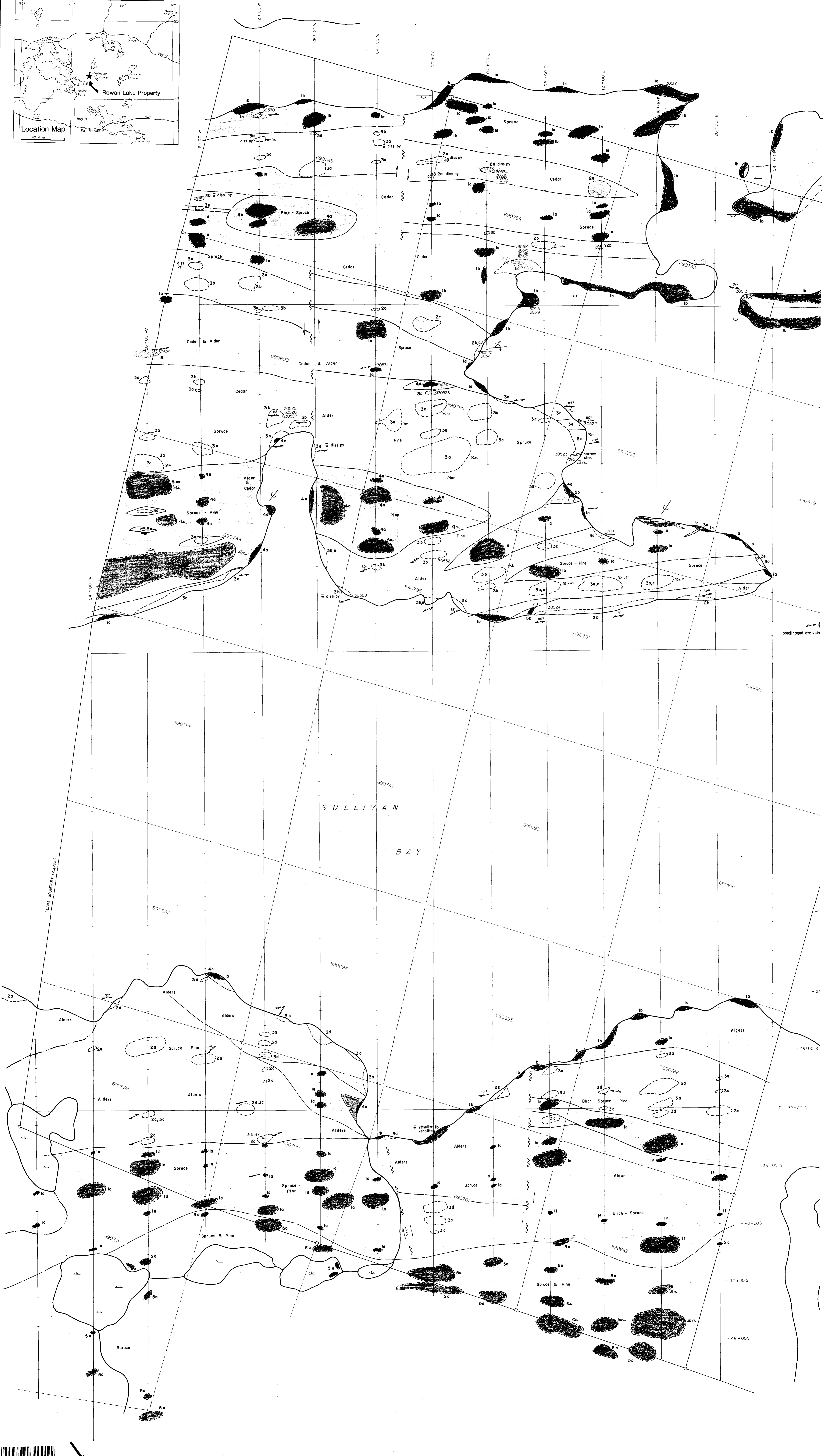
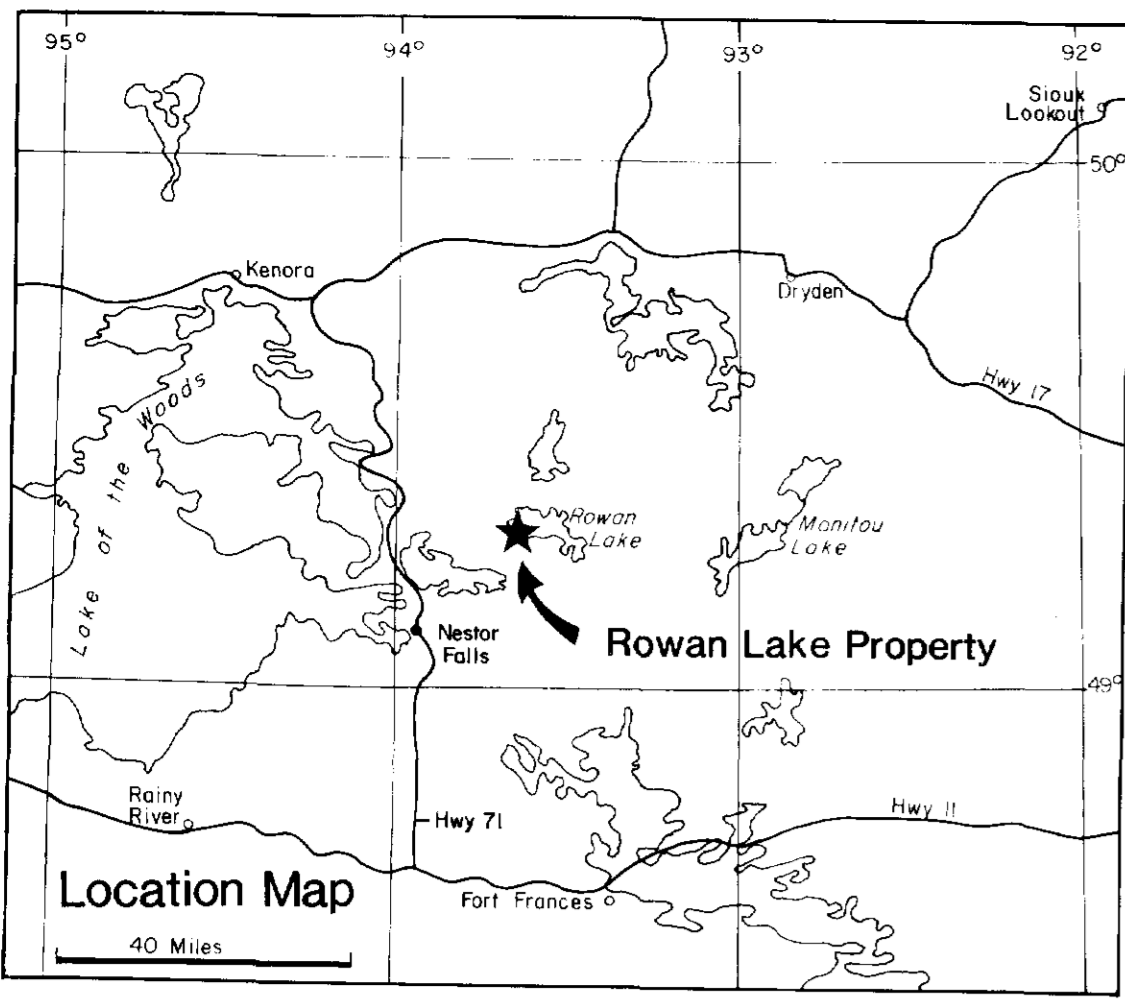
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SEC 36/80	W.16/83	26/6/83	M.B.S.	18521

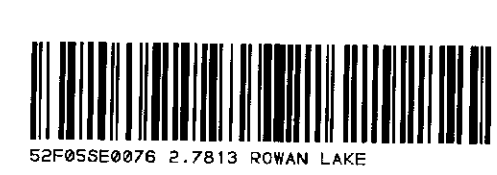
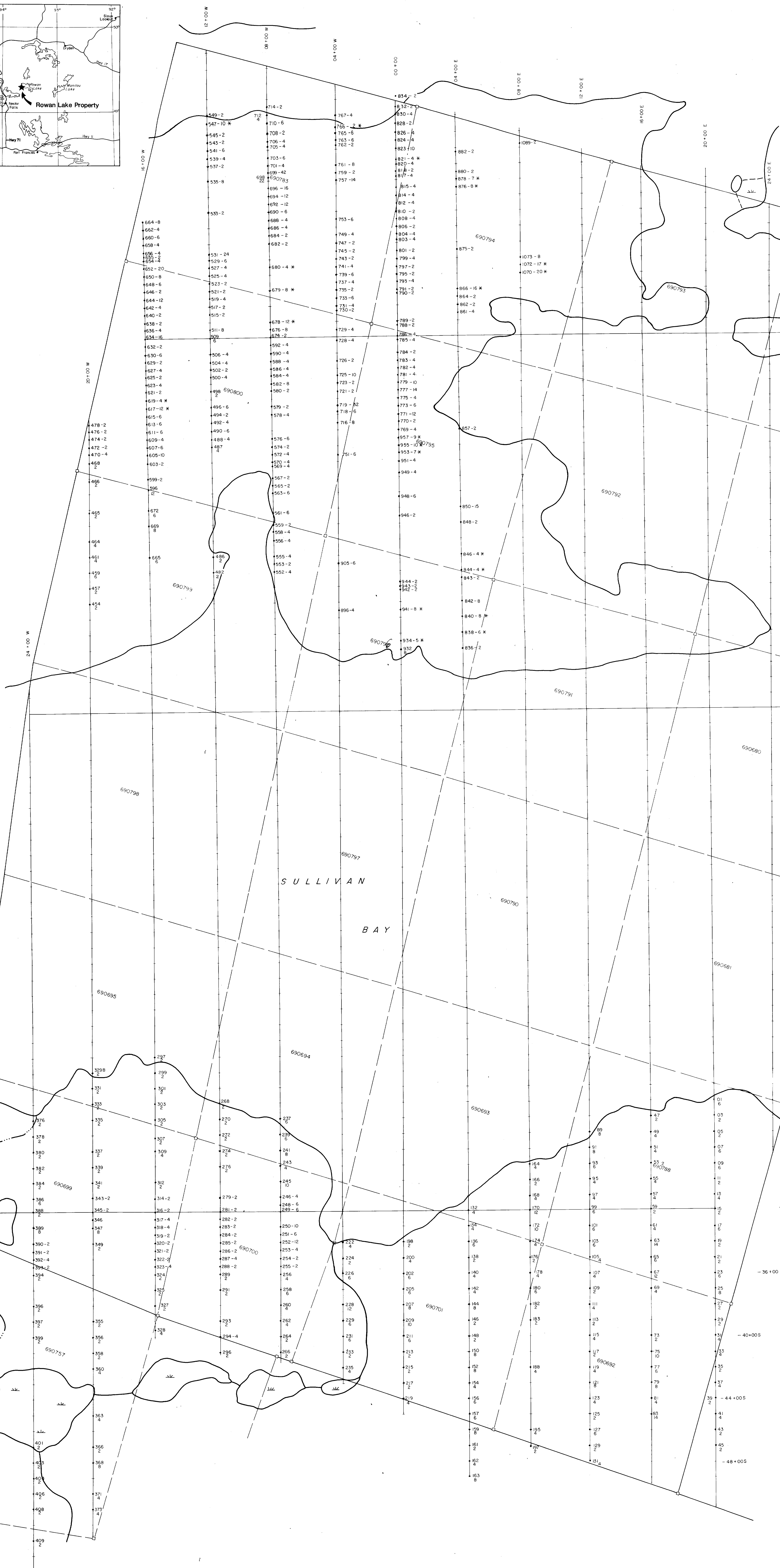
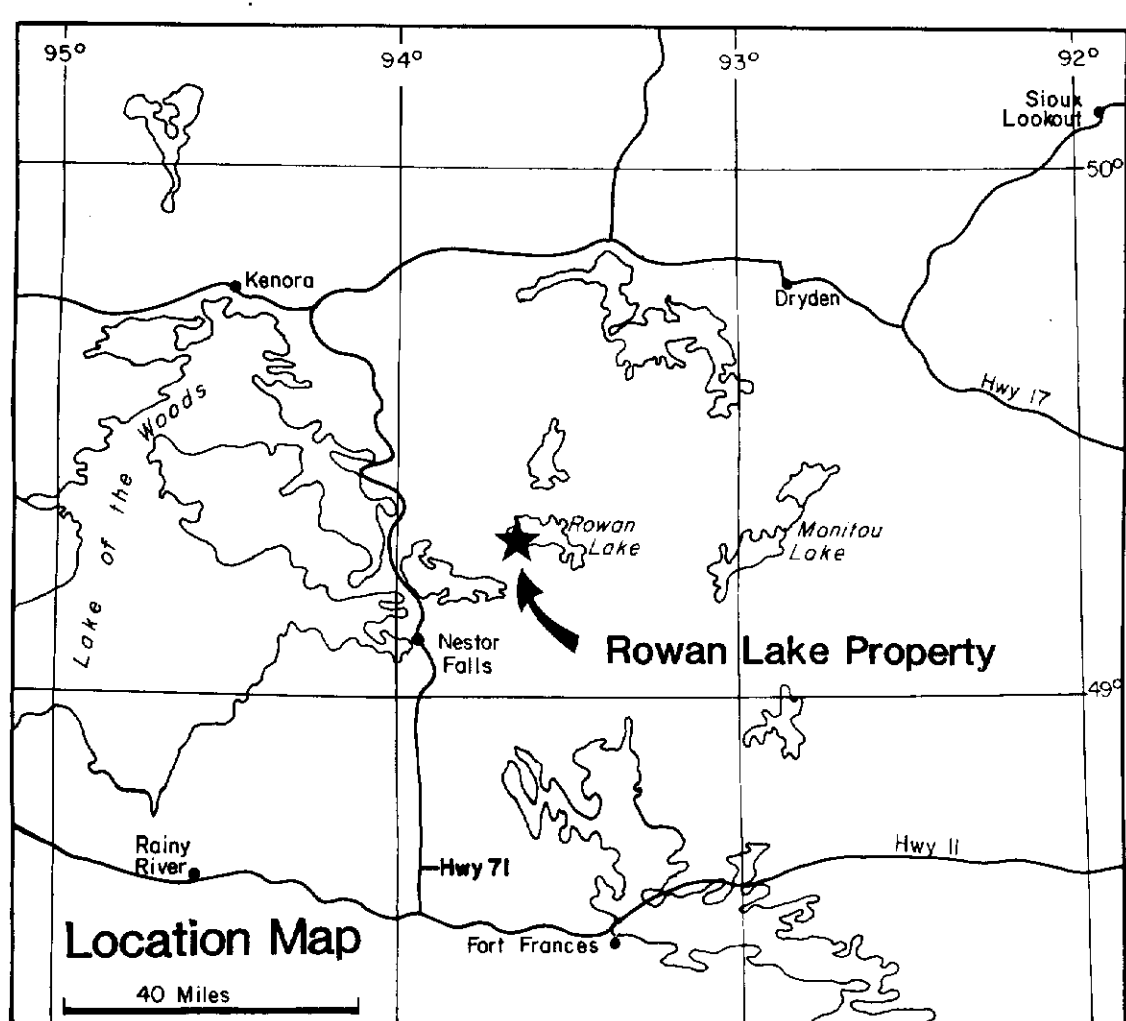
NATIONAL TOPOGRAPHIC SERIES 52F5
PLAN NO. M.2580
 ONTARIO
 MINISTRY OF NATURAL RESOURCES
 SURVEYS AND MAPPING BRANCH

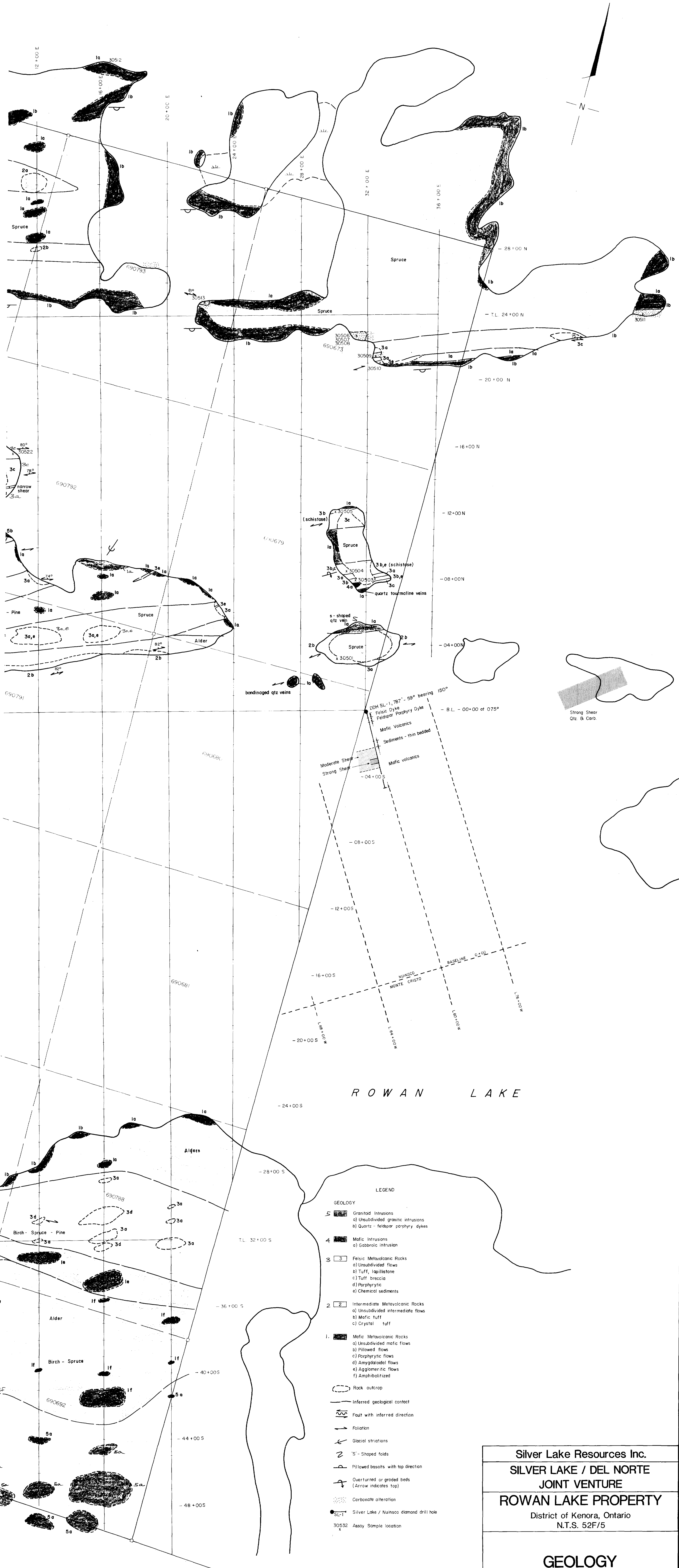


082S-M

082S-M







- LEGEND**
- GEOLOGY**
- 5 [Symbol] Granitoid Intrusions
 - a) Unsubdivided granitic intrusions
 - b) Quartz - feldspar porphyry dykes
 - 4 [Symbol] Mafic Intrusions
 - a) Gabbroic intrusion
 - 3 [Symbol] Felsic Metavolcanic Rocks
 - a) Unsubdivided flows
 - b) Tuff, lapillstone
 - c) Tuff breccia
 - d) Porphyritic
 - e) Chemical sediments
 - 2 [Symbol] Intermediate Metavolcanic Rocks
 - a) Unsubdivided intermediate flows
 - b) Mafic tuff
 - c) Crystal tuff
 - 1 [Symbol] Mafic Metavolcanic Rocks
 - a) Unsubdivided mafic flows
 - b) Pillowed flows
 - c) Porphyritic flows
 - d) Amygdaloidal flows
 - e) Agglomeritic flows
 - f) Amphibolitized
- [Symbol] Rock outcrop
 - [Symbol] Inferred geological contact
 - [Symbol] Fault with inferred direction
 - [Symbol] Foliation
 - [Symbol] Glacial striations
 - [Symbol] 'S'-Shaped folds
 - [Symbol] Pillowed basalts with top direction
 - [Symbol] Overturned or graded beds (Arrow indicates top)
 - [Symbol] Carbonate alteration
 - SL-1 Silver Lake / Nunisco diamond drill hole
 - 30532 Assay Sample location

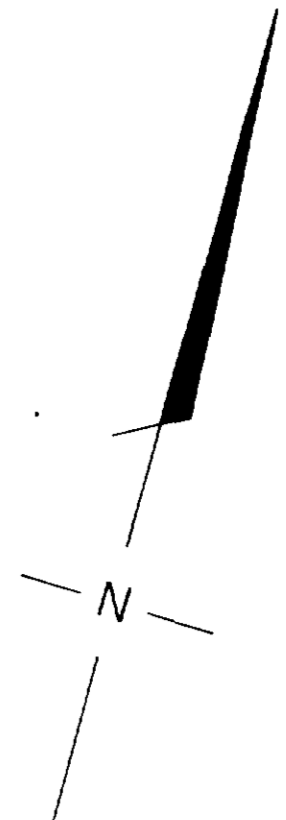
Silver Lake Resources Inc.
SILVER LAKE / DEL NORTE
JOINT VENTURE
ROWAN LAKE PROPERTY
 District of Kenora, Ontario
 N.T.S. 52F/5

GEOLOGY
 17813

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

feet 200 0 200 400 600 feet

CHECKED BY	DRAWN BY J.M. & Associates Ltd. Geology & Cartographic Services	DATE JAN. 14 1985	PLAN No. 1
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LEGEND
Sample Location * 166 Sample Number ppb Au
* - indicates insufficient sample

Silver Lake Resources Inc.
SILVER LAKE / DEL NORTE
JOINT VENTURE
ROWAN LAKE PROPERTY
District of Kenora, Ontario
N.T.S. 52F/5

SOIL GEOCHEMISTRY
GOLD
2.7813

Scale: 1 inch=200 feet (1:2400)
feet 200 0 200 400 600 feet

CHECKED BY DRAWN BY DATE JAN 14 1985 PLAN No. 2