



52J025W0001 63.5663 FOURBAY LAKE

010

OP 89-4, 11, 12

Work Report For

PROJECT JESSIE LAKE GOLD SHOWING

LOCATION AND ACCESS

Jessie Lake is just south of Highway 599 and can be reached easily from Ignace or Savant Lake.

Jessie Lake is 2½ mi. N.E. of Cobb's Bay on Sturgeon Lake.

There is about a 3 chain portage from Highway 599 to an arm of Jessie Lake.

It is about 1½ miles South on the lake to the gold property.

A prospector model aluminum canoe and either paddles or a small motor is the most feasible way to reach the property.

GEOLOGY AND WORK PERFORMED

The gold showing is a qtz. carbonate vein in meta-volcanics and was found in 1947 by prospectors working for Northern Canada Gold Mines.

It was a well regarded property at the time.

The country rock is mafic volcanics.

Extensive panning was carried out on the vein and the surrounding shearing.

Gold pan assays from .08 to over an ounce were obtained.

The old pit is right on the lake shore and badly caved-in.

From a preliminary inspection of the pit area it appears that a qtz. carbonate vein mineralized with pyrite and chalcopryrite is hosted by severely schisted volcanic "Poker Chip Schist" striking into the lake.

It was impossible in the time spent to determine how wide the qtz. vein is.

Prospecting was carried on inland from the showing and mineralized zones were found.

The area around Jessie Lake is in the same major burn that devastated the area around Cobb's Bay, and travelling is extremely tough.

A small qtz. system was found on the lake shore to the east, mineralized with chalcopyrite and pyrite.

Roasting and panning indicates that this material will assay .15 oz. per T AU.

### SUMMARY

Time ran out on us and not nearly enough prospecting was done on the property.

Things have changed drastically in this area since 1947, with burns, blowdowns, etc., and there are large areas exposed that were not seen by prospectors at that time.

Assays of six samples sent Warnocks Hersey, Winnipeg from the pit assayed as follows:

Sample 1931	- .155 oz.	AU	grab - vein material
" 1932	- .140 "	"	" " " "
" 1933	- .120 "	"	" " " "
" 1934	- .135 "	"	" " " "
" 1935	- .220 "	"	rusty schist hanging wall
" 1936	- .055 "	"	vein material

Four claims were staked to protect the showing.

### CONCLUSIONS

This property is virtually unprospected and it is in a favorable gold area and the gold found to date and the mineralized zones noted give a lot of encouragement to the possibilities of more gold finds on the Jessie Lake property.

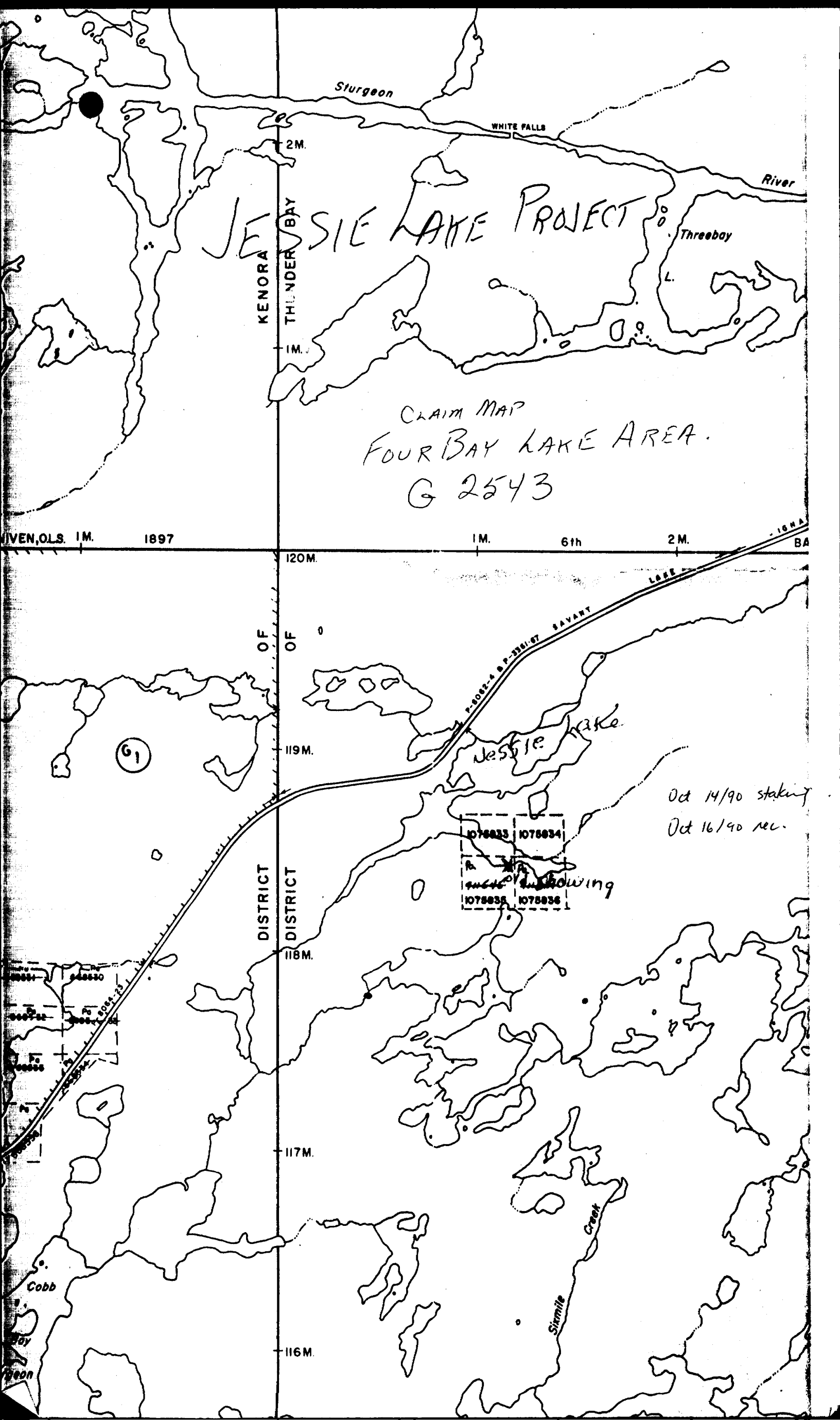
As noted previously, conditions have changed and a lot of prospecting remains to be done.

This is a high priority area for the coming season.

Mining Companies have already expressed a desire to inspect the property in the spring.

Respectfully Submitted,

*W. C. Read*  
W. C. Read  
*Arthur J. ...*



# JESSIE LAKE PROJECT

CLAIM MAP  
FOUR BAY LAKE AREA.  
G 2543

1078833	1078834
1078835	1078836

showing

Oct 14/90 staking  
Oct 16/90 rec.

KENORA  
THUNDER BAY

DISTRICT  
DISTRICT

2M.

1M.

120M.

119M.

118M.

117M.

116M.

1M.

6th

2M.

16 NA  
BA

IVEN, OLS. 1M.

1897

Sturgeon

WHITE FALLS

River

Threebay

Jessie Lake

Sixmile  
Creek

Cobb

Bay

Sturgeon

61



## Work Report For

PROJECT HILLTOP SHOWINGSLOCATION AND ACCESS

The Hilltop showing is about 25 mi. south on Highway No. 502. A turn West is made at an M.N.R. Gravel pit onto a GLP Pulp Road.

This is a fairly good Main Haul gravel road.

A turn South is made about 4000' West on this road onto a strip road leading into the main Haul road.

This strip road is little more than a trail through the cut over area and worsened by the fact that the area has been scarified by GLP.

Only brave souls with four wheel drives would attempt to traverse this cut over area.

This trail traverses bad hills and valleys in a general S.W. direction for about  $1\frac{1}{2}$  miles. It ends on the top of a high hill overlooking a swampy valley with creeks and small swamp lakes.

The new showing called the Hilltop No. 1 Showing occurs on the west slope of this hill angling S.W. down into the creek valley. Overburden covers about half of the hillside at this location.

Another showing, Hilltop No. 2, outcrops about 1000' N.E. of Hilltop No.1 at the bottom of the hill at the creek.

West, across the creek and small lake on another GLP strip road lies the "Road Showing".

Access can be gained to the Road Showing from Hilltop No. 2 by traversing a beaver dam north on the creek.

This area has been almost "clear cut", then scarified and foot travel is very tough.

Read 17 days  
Stam Johns 18 days

GEOLOGY OF THE AREA AND WORK PERFORMED

The Showings are at the boundary of an intrusion of Gabbro with Mafic Meta-volcanics, hereinafter called the Mountdew L. Pluton.

The volcanics and Gabbro have themselves been intruded by bodies and dikes of quartz porphyry.

The quartz porphyry is sheared and altered in places and very rusty from iron carbonate and iron sulphides. Quartz carbonate veins fill fractures in the porphyry and often contain iron pyrite, chalcopryrite and arsenopyrite. Gold can be panned from some of these qtz. carbonate veins and the surrounding mineralized qtz. porphyry.

The hill, hosting Hilltop No. 1&2, is composed of Mafic Meta-volcanics with qtz. porphyry dikes intruding on the East and North sides.

The hill lies on the east flank of the Mountdew L. Pluton.

Hilltop No. 1 was found by detailed prospecting in this area using the pace and compass method.

Rust, under an upturned tree revealed that a large sheared zone in the Mafic Metavolcanics on the west slope of the hill contained an important looking sulfide zone striking S.W. down the hill and into the creek bottom, mostly covered by overburden of various depths.

Digging along this zone showed considerable rusty, oxidized material along with some qtz. stringers.

Some of this material panned gold.

The Cobra gas plugger was subsequently brought in and an attempt was made to blast the zone to fresh material.

Three pits about 3' deep were blasted. At this depth the zone was still badly oxidized but pyrite chalcopryrite and zinc blend was found in some of the blasted material.

Hilltop No. 2 was stripped off and 2 pits were blasted in the rusty zone. It was not as heavily oxidized as Hilltop No. 1 and the blasted material appeared to be Meta-basalt mineralized with pyrite, pyrrhotite and sparse chalco.

A pit in a more sheared section showed a little more chalcopryrite with malachite in the oxidized material.

SUMMARY

Two samples from Hilltop No. 1 were sent to Warnock Hersey, assay office, Winnipeg, with the following results:

Sample No. 1901	----	Gold	----	.005	-silver	-	.05	-	cu	-	.038	
									zn	-	.125	
Sample NO. 1902	----	Gold	----	.005	-	silver	-	.05	-	cu	-	.053
									zn-		.255	

The Gold Mines around Gold Rock lie 3 to 4 miles to the west of the Mountdew Lake Pluton and the Manitou Straits fault ( a well known major structural feature coming up the Manitou Lakes, past Dinorwic and Wabigoon Lakes and beyond) lies immediately to the east. Gold is associated with this fault zone for many miles throughout its length.

A considerable number of samples were roasted and panned from showings found around the area, some of which showed low to medium gold values, .05 - .10 gold ( gold pan assay).

Also a large number of rusty zones were panned ( not necessitating roasting), some of which showed gold in the pan in varying amounts.

Six claims were staked to protect the showings.

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CONCLUSION

The Mountdew Lake Pluton has proved to be a favorable place to prospect for gold.

The results from limited work on Hilltop No. 1 & 2 shows that base metals may also be found around this Gabbro intrusion, in conjunction with the Manitou Straits Fault.

The fact that we're sandwiched between the gold bearing structures of the old mines and prospects at Gold Rock on the west and right on the boundary of the Manitou Strait Fault on the east, generates a lot of optimism for our future work around our Hilltop showings and this area in general.

Respectfully submitted,

*H. Johnson*  
*Sheridan Johnson*  
*W. C. Reed*







Work Report For  
PROJECT PIKE LAKE PLUTON

LOCATION AND ACCESS

The Pike Lake Pluton is very accessible by Highway #642 from Sioux Lookout or Highway #599 from Ignace.

Quite a number of good bush roads traverse most of the Pluton.

The Silver Dollar Motel and Restaurant is at the junction of Highway 599. Both roads go through the claims.

The Highway to Mattabi Mines is only a couple of hundred feet North of the Silver Dollar on Highway 599.

The Pike Lake Pluton has been clear cut by G.L.P. in most places and travelling is good.

GEOLOGY AND WORK PERFORMED

Almost all the Pike Lake Pluton is a coarse gabbro. A small body of granodiorite mixed with gabbro occurs on the north claims. Blue Opalescent Qtz, eyes are quite prominent in this altered section of the gabbro. This is likely due to the proximity of the Shanty Lake Granite Pluton.

A number of old trenches was found at this location, very close to Highway 599.

The material in the trenches appears to be a meta-gabbro or diorite mineralized with pyrite, chalcopyrite and pyrrhotite.

Some of this material reacts strongly for nickel with Demethylglyoxime

Some old trenches show considerable chalcopyrite.

The Cobra gas plugger was taken in and some new pits blasted in some of the zones with the following results:

Sample No. 1913	cu	.67-NI	.50-Pt	.30 PPB
			Pd	.50 PPB
Sample No. 1914	- NI -	.09 -	Pt.	.50 PPB

Other mineralized zones were found in the southern part of the Pluton.

These were new finds and pits blasted with the cobra assayed as follows:

Sample 1937	- cu	.46	- NI	.04	Pt.	N.D.	
Sample 1938					Pt.	N.D.	
Sample 1939	- cu	-.39	- NI	.03	Pt	N.D.	
Sample 1940	- cu	-.12	- NI	.09	Pt	N.D.	Pd .30 PPB.
Sample 1941	- cu	-.27	- NI	.14	Pt	N.D.	Pd .70 PPB.

Another pit gave the following results:

Sample 1915	- AU	.005	- Pt	Nil	- CU	.031
Sample 1916	- AU	Tr.	- Pt	Nil	- CU	.055
Sample 1917	- AU	.01	- Pt	Nil	- CU	4.15
Sample 1918	- AU	.02				
Sample 1919	- AU	Tr.	- Pt	Nil	- CU	.50
Sample 1920	- AU	Tr.	- Pt	Nil		

This pit was an old pit that was reblasted with the Cobra.

In places there were sections of massive chalcopyrite.

Noramco inspected the property and the assay results are enclosed.

#### SUMMARY

Low nickel-platinum-palladium and copper values are widespread in this Gabbro Pluton and in one place and possibly more the copper values are high grade.

Only a very small portion of the favorable formation has been prospected to date.

Twenty-one claims have been staked to protect the showings.

#### CONCLUSIONS

More sulphide zones have been found that were not opened up in the time frame allotted to this project.

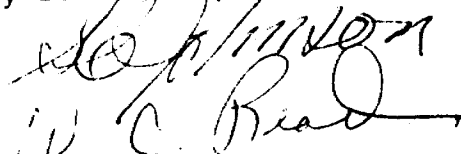
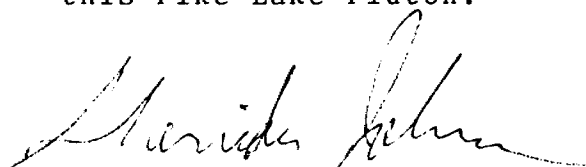
This is a priority for the coming season.

Also other mining companies have shown an interest in inspecting the property but were unable to do so on account of the lateness of the season.

This will be followed up next summer.

On account of the encouragement we have had so far, we are confident that an important nickel-copper-platinum showing could be found in this Pike Lake Pluton.

Respectfully submitted,



PROJECT  
PIKE LAKE PLUTION

**ASSAY SAMPLE DESCRIPTIONS**

PROPERTY: PIKE LAKE  
 AREA: STURBORN LAKE  
 MAP: \_\_\_\_\_

LD. NUM:	ASSAY:	WIDTH OF MINERALIZED STRUCTURE	DESCRIPTIONS:
111258	Cu 0.10% Ni 0.01% Pd < 10ppb	GRAB	SHOWING A FG GABBRO, 5% BLUE QTZ GRAINS, 1-3% VFG-FG DISS PD, TR DISS & AGG CPY
111259	Cu 0.3% Ni 0.02% Pd < 10ppb	GRAB	SHOWING A F-MG QTZ GABBRO, 5% STRIN- GER/AGG CPY, 1-2% DISS PD
111260	Cu 0.5% Ni 0.07% Pd 32ppb	GRAB	SHOWING B MG GABBRO, 1% BLUE QTZ, 2-3% DISS/AGG CPY, 2% AGG PD
111261	Cu 0.3% Ni 0.1% Pd 30ppb	GRAB	SHOWING B F-MG GABBRO, 3% AGG CPY, MINOR CU-OXIDE, 3-4% AGG PD
111262	Cu 0.03% Ni 0.01% Pd < 10ppb	GRAB	SHOWING B MG-PEGMATOIDAL QTZ GABBRO, 1/2% VFG-FG CPY
111263	Cu 7.1% Ni 0.3% Pd 60ppb	GRAB	SHOWING B F-MG QTZ GABBRO, 5% AGG/ STRINGER CPY, 5% AGG PD
111264		GRAB	SHOWING B MG QTZ GABBRO W. 4cm THK OXIDE (MAGNETITE, + Ti?, + Cr?), RICH LAYER, TR CPY
111265	Cu 0.02% Ni 0.04% Pd 12ppb	GRAB	SHOWING C M-CG ANORTHOYTIC GABBRO (LEUCOGABBRO), 2-3% MG AGG PD, TR CPY
			NB ALL ALL < 0.001 ppt ALL PT < 30ppb

<b>SAMPLE NUMBERS</b>		<b>Copper</b>	<b>Nickel</b>
<b>Accuracy</b>	<b>Customer</b>	<b>ppm</b>	<b>ppm</b>
506521	111258	990	100
506522	111259	3100	150
506523	111260	5000	670
506524	111261	2700	1200
506525	111262	330	120
506526	111263	>10000	3300
506527	111265	210	420

Per: \_\_\_\_\_

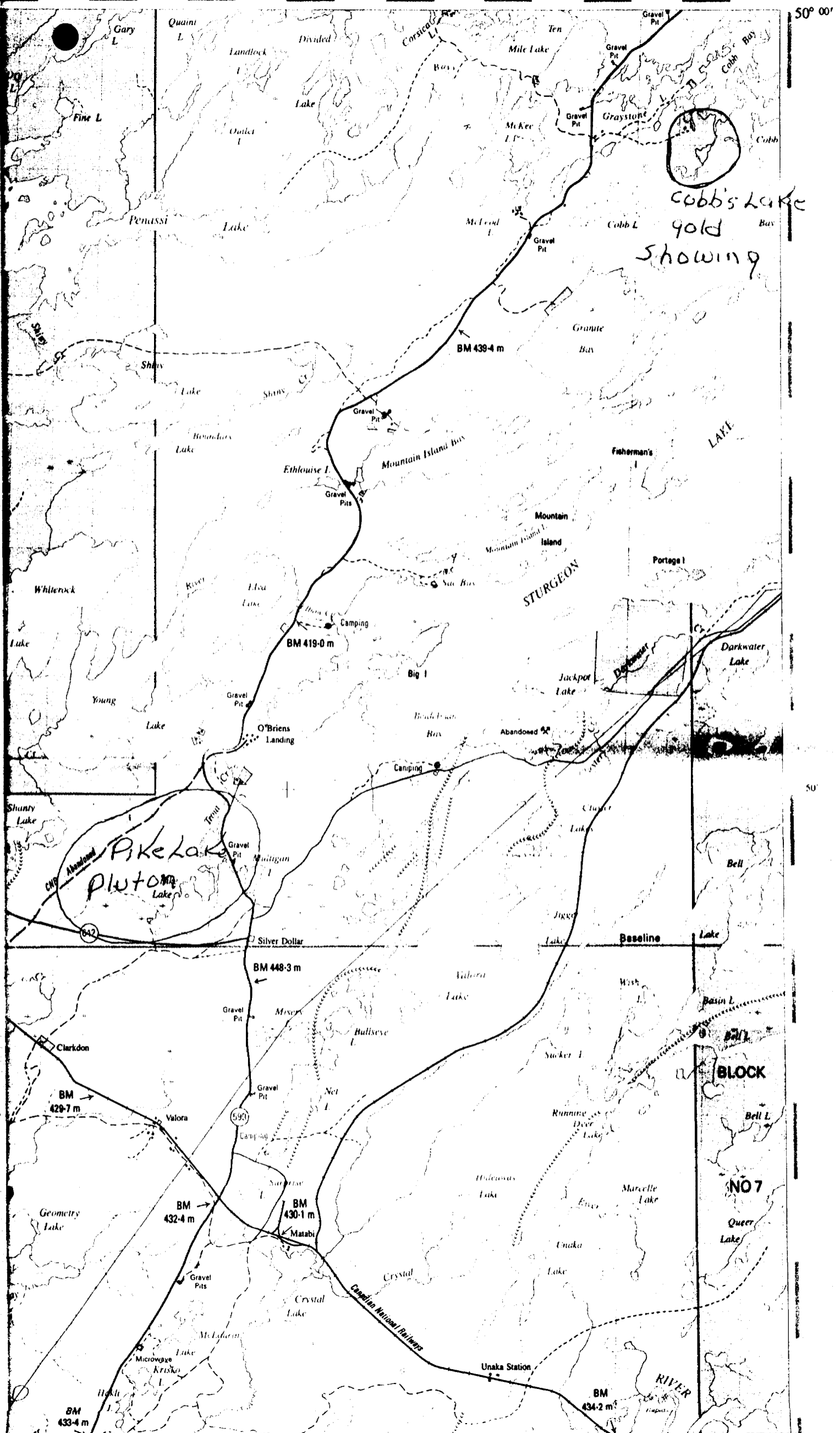
*Andrew Smith*

# PROJECT - PIKE LAKE PLUTON

10'

91° 00'

50° 00'





52J025W0001 63.5663 FOURBAY LAKE

Work Report For

PROJECT G.L.P. ROAD NO. 38

LOCATION AND ACCESS

Road No. 38 goes south from Highway 17 between Dryden and Ignace, about 40 miles East of Dryden.

It runs South for about 22 miles and then swings West. A branch also swings East at this point.

This is a very good gravel road.

GEOLOGY AND WORK PERFORMED:

For about 15 miles S. the formation is Hornblendite here and there intruded by granite dikes.

In many places along the road the hornblendite is sheared and mineralized. Some places very rusty for a mile at a time.

Extensive prospecting along some of these zones revealed that it was mineralized with pyrrhotite carrying subordinate amounts of chalcopryrite and molybdenite

Qtz. veins are found in shear zones, in places carrying abundant pyrite and arsenopyrite. Some of the granite dikes are heavily mineralized with pyrite and sparse molybdenite.

About 15 miles south the formation changes to mica schist.

At this distance a large body of massive pyrrotite crosses the road.

The pyrrhotote carried very sparse chalcopryrite and no nickel or gold.

Granite becomes more abundant from here to the branch at 22 miles.

Some quite nice molybdenite was found in a granite rock-cut at this location.

A considerable amount of prospecting was done in the hornblendite section.

Some sections had encouraging amounts of chalcopryrite and molybdenite.

The mineralized quartz veins also looked very encouraging for gold.

SUMMARY

Road No. 38 is quite a long road with no shortage of outcrops and areas to prospect.

Mineralization is widespread and carries valuable minerals.

The road is good and can be traversed by either a car or truck.

One sample sent for assay was as follows: AU - Nil  
Silver trace  
CU - .11  
NI - .03  
Pt. Nil.

*no location?*

CONCLUSIONS

The abundance of mineralization in the hornblendite makes this area an exciting place to prospect.

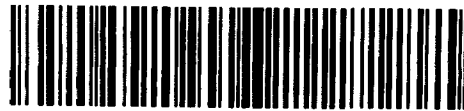
Much more work is planned for the coming season.

We have located some mineralized zones that we intend to open up with the Cobra.

No other prospectors appear to have worked this area.

Respectfully submitted,

*W. A. Read*  
*Steve Johnson*



Work Report For

PROJECT RALEIGH LAKE LITHIUM

LOCATION AND ACCESS

Raleigh Lake is about 45 miles East of Dryden on the right hand side of Highway 17.

~~Osaquau Top~~ Raleigh Lake

A short road runs from the Highway to the lake.

There is a good boat launch at the lake.

GEOLOGY AND WORK PERFORMED

In 1965 a spodumene pegmatite dike was found off Raleigh Lake while prospecting for base metals.

There was no interest in lithium at the time so nothing was done about it until this summer.

With interest reviving in lithium an attempt was made to locate the spodumene bearing dike.

The dike also contains Tantalum and Niobium.

A boat and motor was taken to Raleigh Lake and traverses made across the area where memory said the dike should be.

A considerable number of traverses were made but the dike has not been found to date.

Some nice looking mineralization was found carrying chalcopyrite and pyrite in mica schist.

No gold was found after roasting and panning.

SUMMARY AND CONCLUSIONS

In 1965 a large sample bag of spodumene samples was brought out and the material looks like very good ore.

Every effort is going to be made this summer to find this dike.

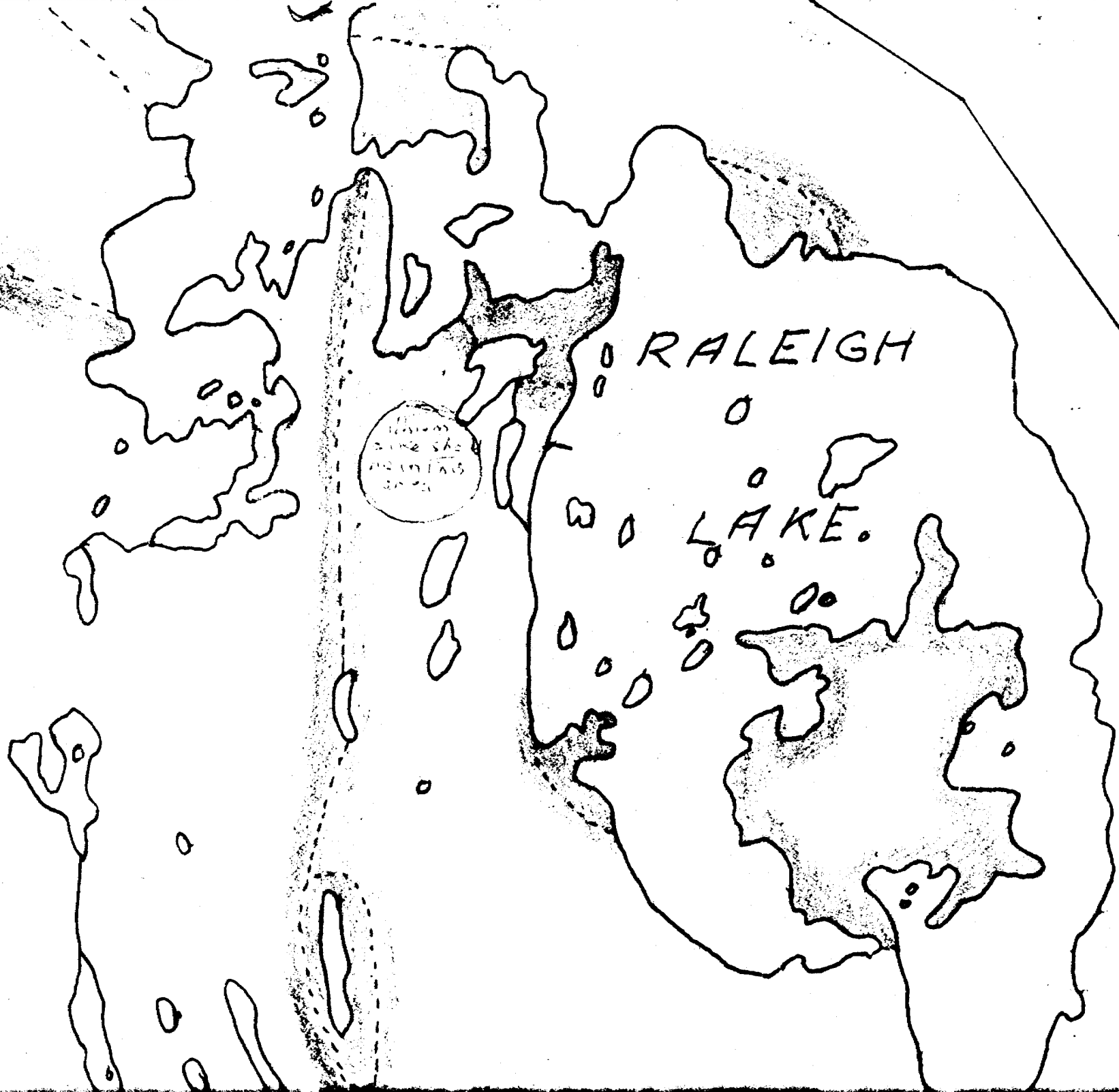
We may cut a grid across the area and do very detailed prospecting.

Respectfully submitted,

*Stan Johnson*  
*Sherridon Johnson*  
*W. A. Reed*

7 days Stan Johnson  
7 days Sherridon Johnson





RALEIGH

LAKE.

LITTLE LAKES  
SOME SHAD  
MOUNTAIN  
SAND



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## Work Report For

PROJECT COBBS BAY AREALOCATION AND ACCESS

The area under consideration can be reached by taking Highway 599 from Ignace and travelling north to the Cobbs Bay turn-off, a distance of about 55 - 60 miles.

Cabins can be rented for a reasonable price at the "Cobbs Bay Camp" at the entrance to Cobbs Bay on Sturgeon Lake.

The showings are a distance of about 2 - 3 miles south by boat from the Cobbs Bay Camp.

Trails have been cut from the shore to the showings and the travelling is good.

GEOLOGY AND WORK PERFORMED

The showings occur at the contact of a fairly large body of qtz. porphyry with mafic-meta-volcanics.

Iron carbonate rust is very pronounced in some sheared sections of the contact and in these favorable areas sulphides and gold bearing qtz. veins have been found.

In the No. 1 location quartz veins of various sizes ramify in all directions and carry pyrite-chalcopyrite and visible gold. The meta-volcanics are bleached and rusty.

The No. 2 showing is about 300 feet west of No. 1 and is similar with the addition of fuchite mica.

The Cobra was brought in and pits put down at these locations.

A gas stove was also brought in and set up at the showing for roasting sulphide ore.

The sulphide samples were ground to powder with a mortar and pestle, put in a can and roasted on the stove's hottest burner. The procedure takes about 40 minutes roasting time.

Water for panning was brought from the lake with a pack pump and panning done in a small tub.

With experience a very close estimate can be made as to the assay value of the sample.

Location No. 3 is about 1/2 mile south of No. 1 and 2 and the showings are mineralized qtz. veins in the porphyry.

The mineralization is pyrite sparse chalcopyrite and occasional tourmaline.

Visible gold occurs here also.

The Cobra was packed in to this location and pits blasted in the mineralized sections.

Besides the qtz. veins, the porphyry is also mineralized.

The gas stove was taken in and the same procedure followed as at No. 1&2.

Quite a number of rusty sheared zones were noted in the porphyry in this area and not all have been opened up as yet.

Noramco Exploration, Asarco Explorations and Rio Algom Explorations have all examined the property. Also Noranda.

Their assays and remarks are included.

Our own preliminary assays are as follows:

LOCATIONS NO. 1

Sample No. 1922 - AU	.139 oz
Sample No. 1923 - AU	.100 oz
Sample No. 1924 - Au	.120 oz
Sample No. 1927 - AU	.06 oz
Sample No. 1928 - AU	.62 oz
Sample No. 1929 - AU	.66 oz
Sample No. 1930 - AU	.48 oz

LOCATIONS NO. 2

Sample No. 1925 - AU	.020
Sample No. 1926 - AU	.015

SUMMARY

The Cobbs Bay area in the vicinity of Location No 1, 2 and 3 is in a burn and foot travel away from a cut trail is very tough.

Getting to the property by road and boat is quite easy.

The quartz porphyry appears to be quite large and there are other sheared rusty zones besides the ones we opened up.

On account of the tough travelling prospecting will be fairly slow.

CONCLUSIONS

On account of the qtz. systems and mineralization carrying gold in association with the qtz. porphyry that we have already found the possibilities of this area for gold appear very promising.

Field men for mining Cos. who have looked at the property liked the situation but would like to see more work done.

This is understandable and we intend to spend as much time as possible in the coming season to open up and extend the zones already found and possibly find others.

The accessibility of the area is a plus in our favor and we intend to take advantage of it.

Respectfully submitted,

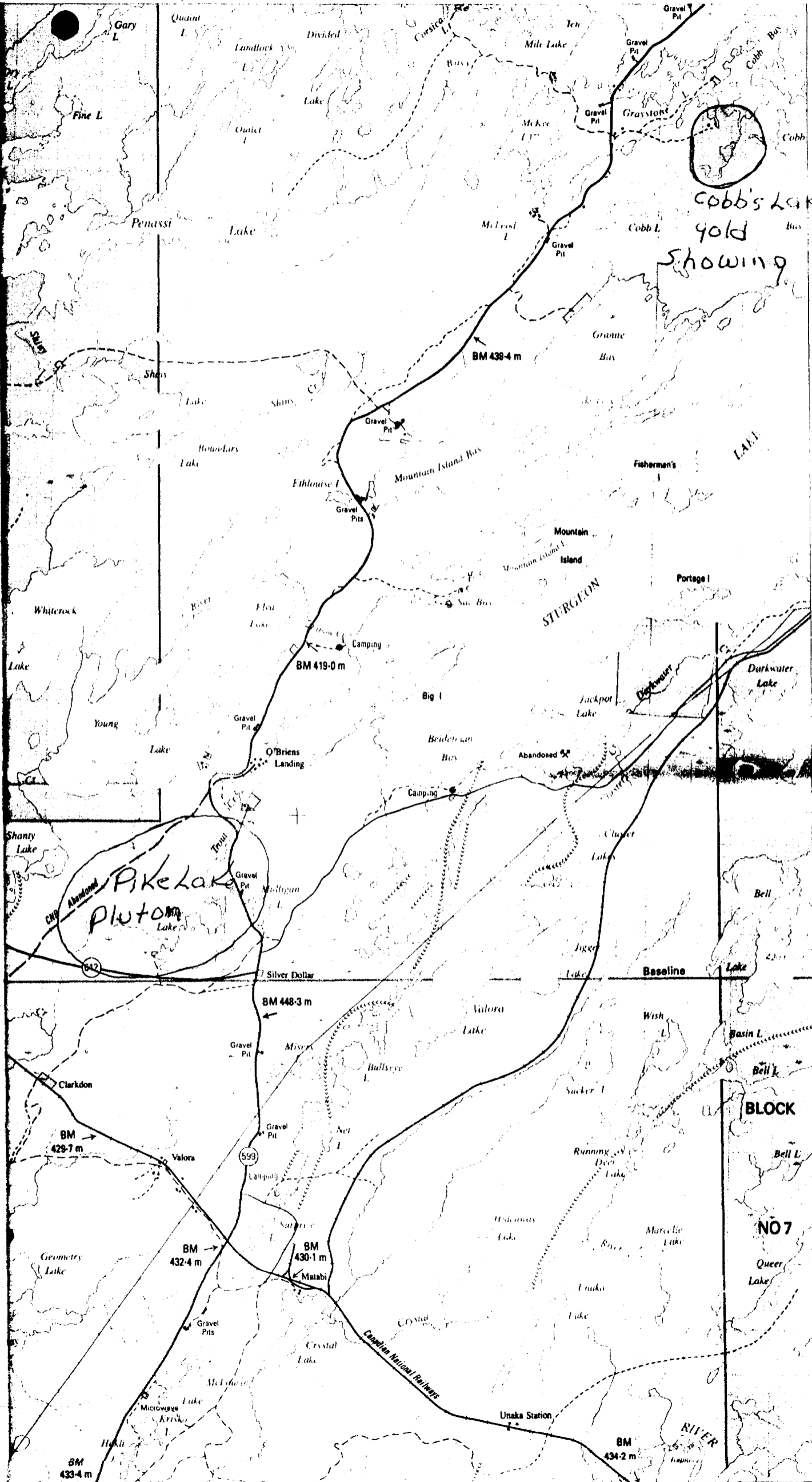
*See below*  
*Shankar J. J. J.*  
*W. C. Reed*

# PROJECT COBB BAY

Savani Lake 39 km

91° 00'

50° 00'



Cobb's Lake gold showing

Pike Lake  
Pluton Lake

BLOCK

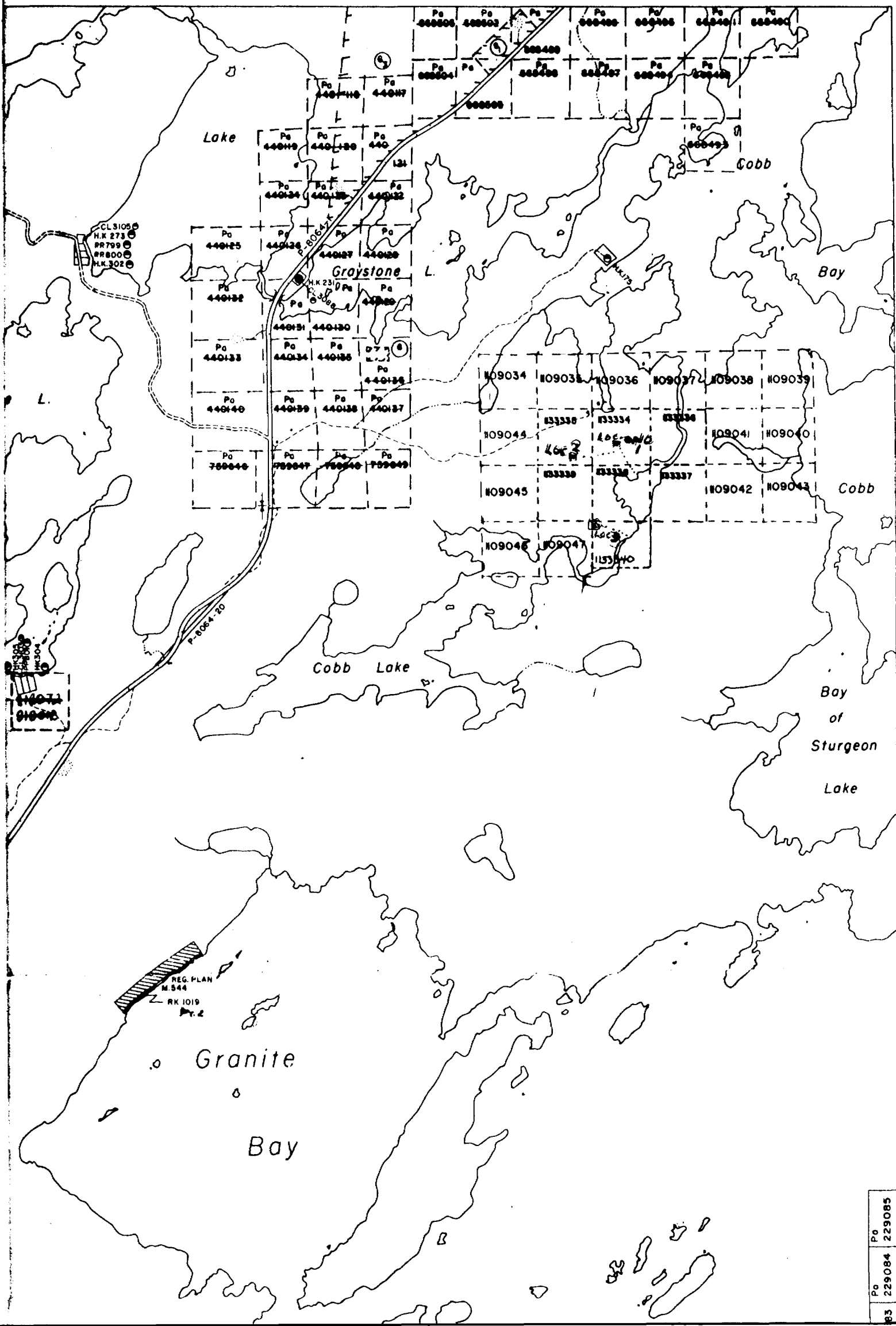
NO7

RIVER

50'

# PROJECT - COBB'S BAY

91°C



# ASSAY SAMPLE DESCRIPTIONS

PROPERTY: CORR. BAY  
 AREA: STURGEON LAKE  
 MAP: \_\_\_\_\_

LD. NUM:	ASSAY:	WIDTH OF MINERALIZED STRUCTURE	DESCRIPTIONS:
111251	AC 0.58 ppm BC 0.48 ppm	1.2 m CHIP	SHOWING A SIL QV EGNS, TR-5% F-MG DISS CUBIC PY, MINOR QTE STRINGS
111252	AC 0.58 ppm BC 1.86 ppm	0.75 m CHIP	SHOWING A SIMILAR TO 111251, 10%+ QV, CONTIGUOUS WITH 111251
111253	AC 9.18 ppm BC 26.02 ppm	0.80 m CHIP	SHOWING A SIMILAR TO 111251-252, 5% M-CG EU DISS PY. SEPARATE FROM 252 BY 1m OF QUARRIE COVERED EONE
111254	AC 0.75 ppm BC 0.76 ppm	COMP GRAB	SHOWING A HEMATIZED, SIL QFP, TR- 3% F-MG DISS EU PY, 10%+ QV
111255	AC 0.17 ppm BC 0.11 ppm	1.5 m CHIP	SHOWING B SIL MG MAFIC VOL, TR-3% FG DISS EU PY LOC ASSOC. WITH QTE STRINGS, CARB, SER
111256	AC 0.07 ppm BC 0.11 ppm	1 m CHIP	SHOWING B MOD SHD MG MAFIC VOL, TR- 1% DISS PY, 5% DISS PY AND MINOR GREEN MICA LOC ASSOC. W. QV
111257	AC 0.31 ppm BC 0.38 ppm	1 m CHIP	SHOWING C SHD, FRIABLE QP, LOC ROUND SER, 10% QV, 1-3% DISS F-MG EU PY, TR QPY, TR GALENA
	AC- ACCURASSAY BC- BONDAR-CLEGG ALL ASSAYS BY PULP METALLICS		

W. J. Page & Company Ltd.  
J.C. Stock Road  
Widnes, Cheshire  
K17 8XS  
(013) 740-2220 Telex 053-3233



# Certificate of Analysis

A DIVISION OF INDUSTRIAL INSPECTION & TESTING SERVICES

REPORT: 089-53192.4

PROJECT: 4000

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	AU-150 PPM	AU+150 PPM	AU AVE PPM	-150WT gms	+150WT gms
111251		0.411	1.816	0.481	285.5	14.87
111252		1.337	14.592	1.858	239.6	9.80
111253		4.954	671.442	26.023	180.5	6.06
111254		0.720	1.964	0.757	217.3	6.62
111255		0.103	0.138	0.105	246.0	14.53
111256		0.103	0.173	0.106	260.9	11.53
111257		0.377	0.371	0.377	255.2	8.08

  
The Corran Chief Assayer





# ACCURASSAY LABORATORIES LTD.

P.O. BOX 804  
KIRKLAND LAKE, ONTARIO, CANADA P2N 3J5  
TEL.: (705) 567-8343

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.O.S.T.

## Certificate of Analysis

Page: 1

28839

Mr. Art Murdy  
Noramco Exploration  
1275 Main Street W.  
North Bay, Ontario  
P1B-2W7

Date: August 11 19 89

Work Order # : T890236  
Project : 4000

### METALLIC GOLD

Accurassay Customer	#1 Pulp Assay Oz/T	#2 Pulp Assay Oz/T	Metallics Assay Oz/T	Total Oz/T	% Met. in pulp
506514	111251	0.011	0.012	0.011	1.28
506515	111252	0.015	0.020	0.017	1.50
506516	111253	0.098	0.087	0.093	No Met.
506517	111254	0.022	0.023	0.022	1.59
506518	111255	0.005	0.004	0.005	No Met.
506519	111256	0.002	0.003	0.002	1.91
506520	111257	0.009	0.009	0.009	No Met.



52J02SW0001 63.5663 FOURBAY LAKE

900

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**noramco**  
*explorations inc.*



*explorations*  
**noramco inc.**

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September 12, 1989

Mr. S. Johnson  
Box 20 Group 24  
R.R. #2  
Dryden, Ontario  
P8N 2Y5

Dear Sir:

As requested, I am sending data we collected on your Cobb Bay and Pike Lake properties.

I am still interested in Cobb Bay but as indicated, I am not able to provide a definite decision this week.

Yours truly

A. Murdy  
Regional Manager-Central Canada

August 1, 1989

TO: Don Jones - Govt Geologist - Sioux Lookout  
FROM: Paul Claude Delisle, Govt Geologist - Kenora

COBB BAY OCCURRENCE

The new occurrence found by S.P. Johnson consists of bleached mafic volcanic rock withankerite, 5-8% pyrite, trace of chalcopyrite and V.G. surrounding the pyritic cube over a minimum width of 1.5 m. The zone is impregnated of quartz veinlets stockwork. Sulphides and V.G. were observed in the quartz material.

The zone lies beside a QFP dike which suggest that the alteration zone is caused by the QFP intrusion. Several felsic dikes which trend N-S, display more and less the same alteration product with this surrounding rock. In addition to the alteration product, silicification and fuschite chlorite could be also observed.

Gold yielded from 0.2 g/t to 1 g/t (estimated by Stan Johnson from panning). So far, four felsic dikes has been found which two of them were in an old trench. Quartz veinlets were noted in the felsic dike. Gold is also reported with felsic dike.

## Asarco Exploration

**R.S. Gray**  
Manager

September 6, 1989

Mr. Sherridon Johnson  
Box 20, Group 24, R.R. #2  
Dryden, Ontario  
P8N 2Y5

**JRJ Property**  
**Cobb Bay Occurrence**  
Ontario 52 G/14

Dear Sir,

First, we must apologize for the long delay in responding to your offer of an option on the Cobb Bay property. We have today, finally received assay results from the field examination you arranged for Asarco in early August. Four boxes of samples containing assays for gold from several properties throughout northwestern Ontario disappeared into Air Canada's network in early August, only to be discovered several days ago. We understand the property may have already been dealt and/or examined by our competitors but we feel obligated to report to you our immediate results and decision on your ground.

A total of twelve samples were collected from your property and all submitted for assays on gold (oz/ton). Four samples collected at the primary blast site we first visited ran 0.24, 0.12, 0.20 and 0.026 oz/ton Au. These were all bleached mafic volcanic rocks containing 5-8% pyrite.

A barren porphyry outcrop we traversed enroute to the second trench site assayed 0.001 oz/ton Au. At the second trench (old) site an altered volcanic rock with minor pyrite and fuschite assayed 0.002 oz/ton Au.

Across the bay along an exposed quartz-feldspar porphyry dike several blast holes and outcrop were sampled. Two samples from the first blast site reached via a trail off an existing portage assayed 0.018 and 0.18 oz/ton Au. Both samples were porphyry containing 5-10% pyrite. A second blast hole a short distance away exhibited the same mineralized (py) porphyry further south ran 0.041 oz/ton Au. Two samples collected from the end of a grown-in trench and old blast hole ran 0.005 and 0.006 oz/ton Au respectively. A weakly mineralized (py) sample collected along the porphyry ridge assayed 0.025 oz/ton Au.

-2-

We conclude that there does appear to be minor gold mineralization locally within the porphyry but the initial showing in bleached mafic volcanics appears to contain appreciable values in gold warranting further stripping and trenching. Although several meters away barren volcanic rock exists, the extent of the mineralized zone itself has as yet not been determined. Before committing heavy equipment and expenditures we feel more prospecting and additional hand stripping/blasting would clarify the geological setting and extent of mineralization along the ridge in the immediate vicinity of the primary blast site. Unfortunately Asarco has decided not to pursue this work commitment and is unable to meet your downpayment requirements on the limited information available to-date. We wish you the best of luck in securing a willing partner to explore this new discovery zone and thank you once again for help and co-operation in arranging a field trip to the property.

Yours truly,



R.J. Dean

RJD:mi

Noranda Exploration Company, Limited  
(no personal liability)  
P.O. Box 2658, 960 Alloy Drive  
Thunder Bay, Ontario P7B 5G2

**noranda**

Telephone (807) 623-4339

November 16, 1989

JRJ Exploration Ltd.  
Sherridon Johnson  
Box 20, Group 24, R.R.2  
Dryden, Ontario P8N 2Y5

Dear Sherridon:

Enclosed please find the results of the work carried out on your claims in October.

In summary, we staked 14 claims, did 2 lines of IP and carried out sampling (humus and rock) and geology. We were hoping to find some coincidence in the IP and gold values, however the gold values appear to be confined to the smaller quartz veins and the sulphides as mapped by the IP did not carry any Au from our limited sampling.

As discussed on the phone, we cannot option the claims at this time. The claims have good potential and our limited work by no means is conclusive. Our main purpose was to see if we could find a distinguishable zone near the main trenches. There are still a lot of gold anomalies on the property and more work may come up with a mineralized zone.

Thank you for the opportunity to work the claims and I look forward to looking at other properties in the future. I hope our work has been of some help to you.

Yours truly,

NORANDA EXPLORATION COMPANY, LIMITED  
(no personal liability)

*Wayne Reid*

Wayne Reid  
District Geologist - Red Lake  
Northwestern Ontario Division

GP:hmi  
Enclosure  
c.c. File 1313

Dear Sheridan,

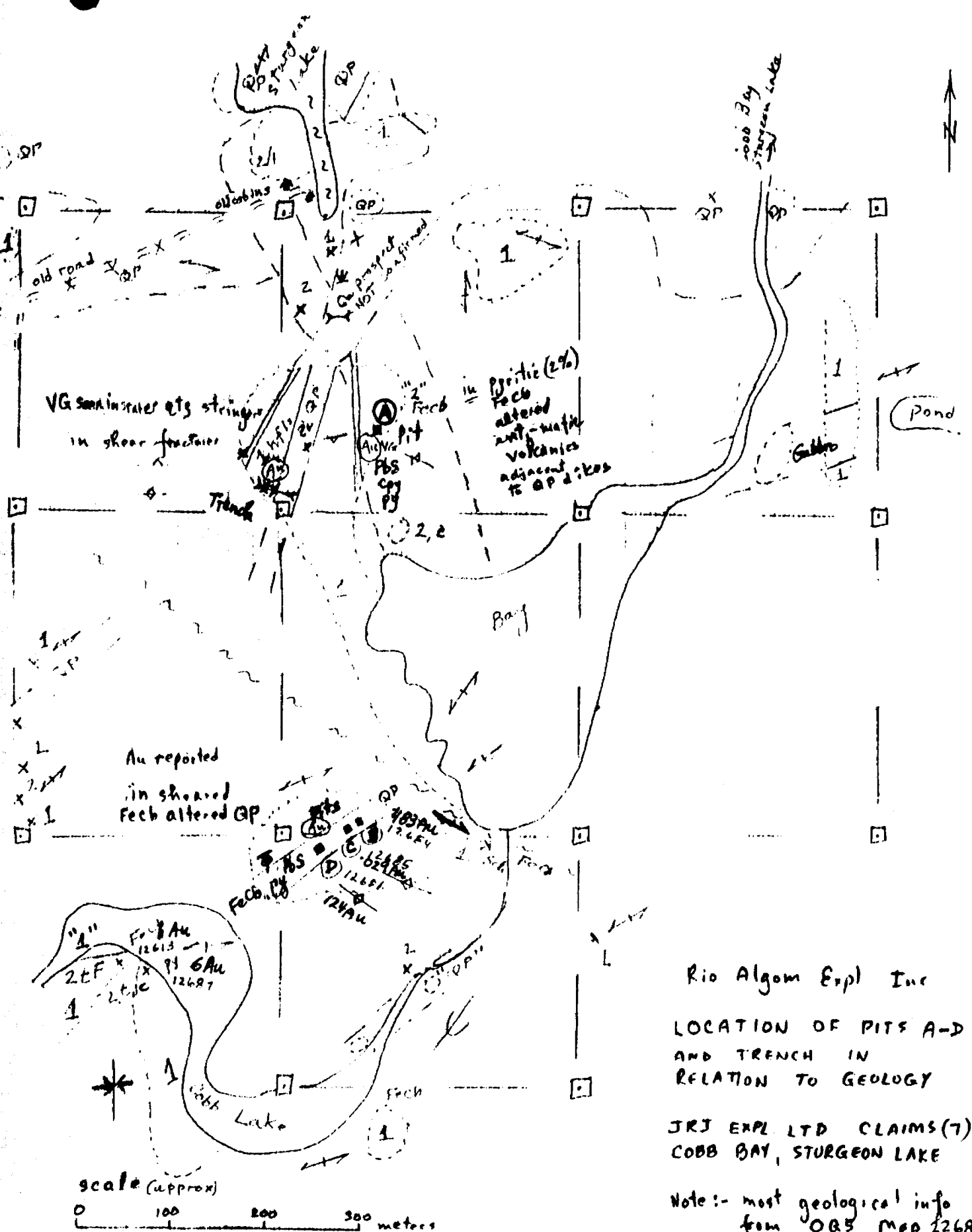
As we may not be able to see you for a few days, am sending you the Cobb Bay data in the mail.

I have been informed that the company is not interested in taking an option on your prospect at the moment.

I thought this was a good discovery and no doubt more gold will be uncovered here in due course.

Please keep in touch with us.

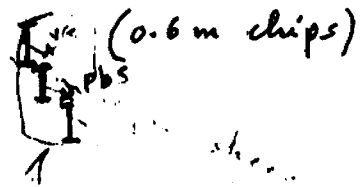
Bob van Deger.



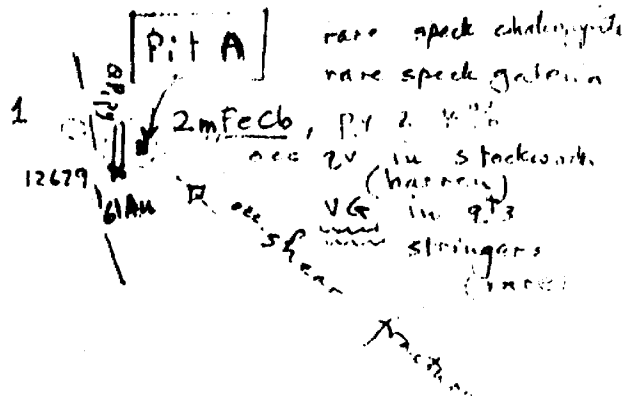
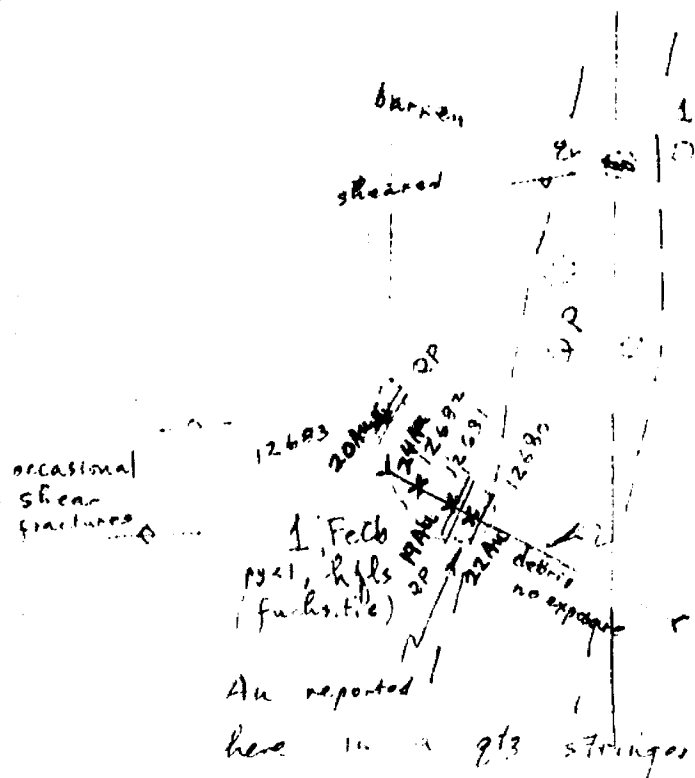
Rio Algom Expl Inc  
 LOCATION OF PITS A-D  
 AND TRENCH IN  
 RELATION TO GEOLOGY  
 JRJ EXPL LTD CLAIMS (7)  
 COBB BAY, STURGEON LAKE  
 Note:- most geological info  
 from OGS map 1268  
 R.T. W.W. Aug. 12/89



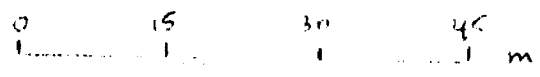
059 Au 12676  
 120 Au 12677  
 270 Au 12678



Claim line  
 old prospect line



scale (approx)



- Note: 1, hfls - "hornfelsic" spotted mafic volcanic  
 2 - maybe intermediate volcanic  
 QP - quartz porphyry

LOCATION OF SAMPLES  
 PIT A AND TRENCH 11

IRI PROSPECT, COBB BAY

R.D. WIN Aug 11 '77

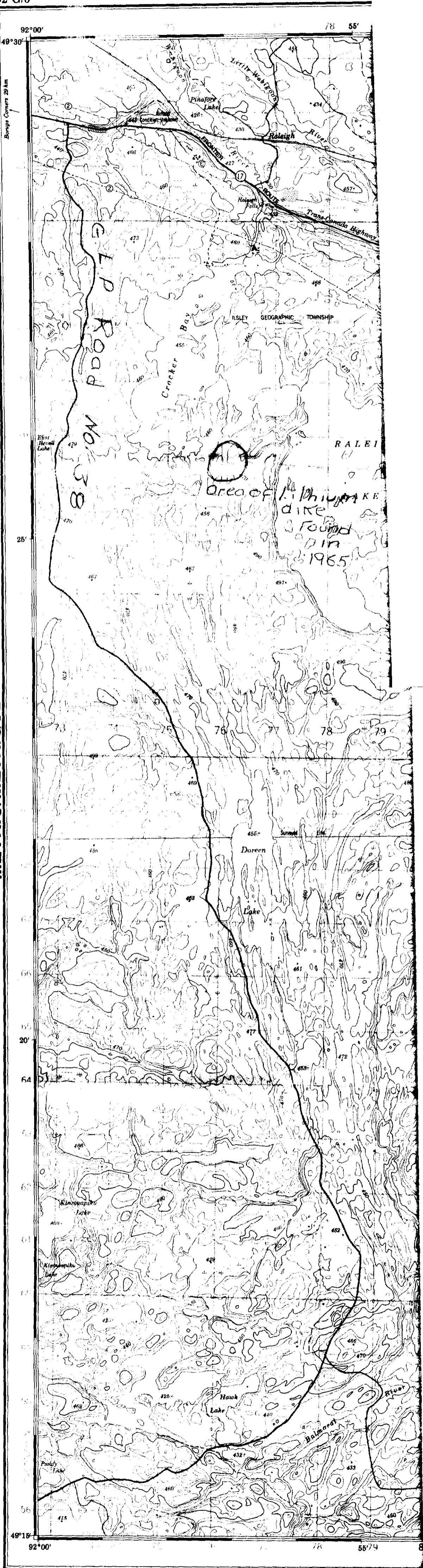
# RALEIGH LAKE LITHIUM PROJECT

Q 89-34/13  
63 5663

52 G/5

EDITION 3

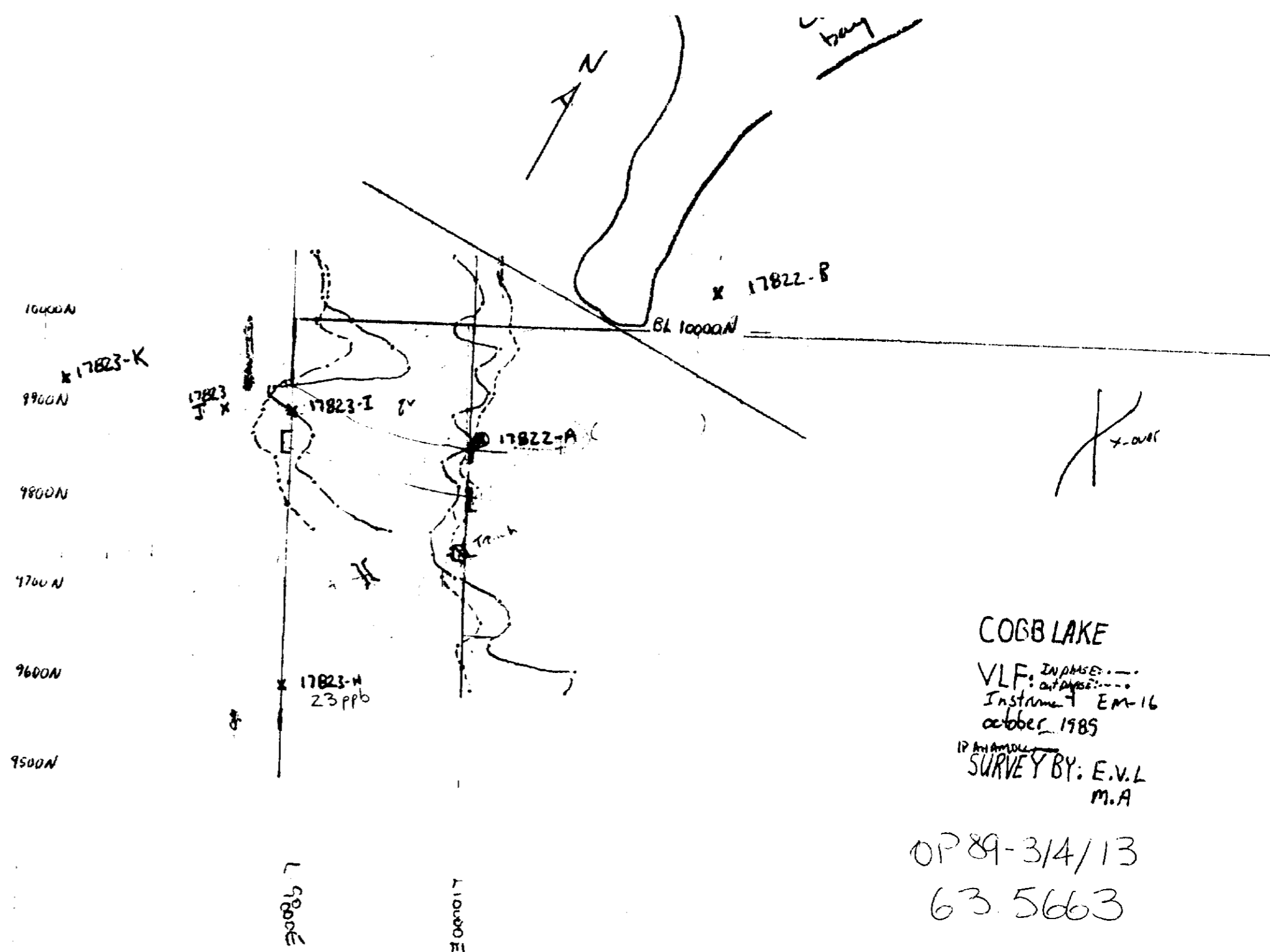
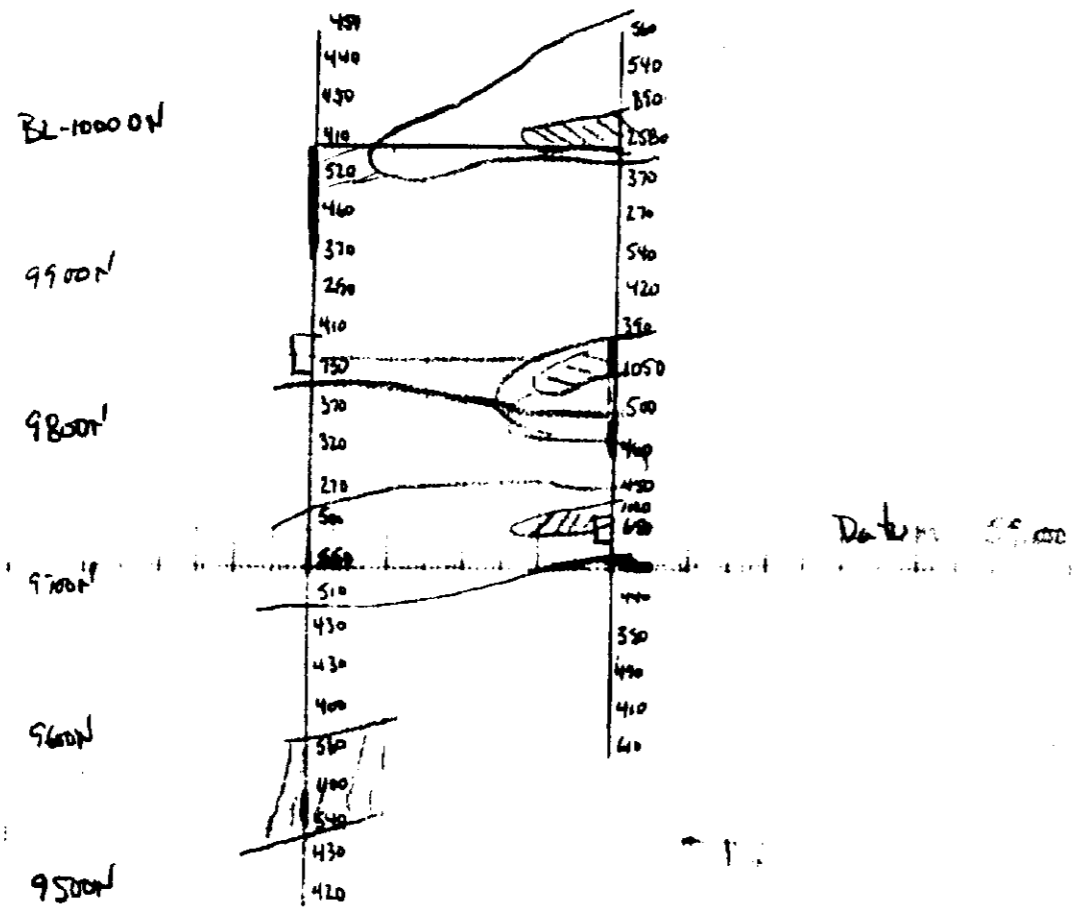
METRIC/MÉTRIQUE



52J02S10001 63.5663 FOURBAY LAKE

200

G (OTTAWA),  
SOURCES:  
1982 AND  
IAP OFFICE,  
S. OTTAWA,  
IF CANADA  
RCES.



COBB LAKE  
 VLF: IN PHASE: ---  
 VLF: OUT OF PHASE: ---  
 Instrument EM-16  
 October 1985  
 SURVEY BY: E.V.L  
 M.A.

OP 89-3/4/13  
 63.5663

