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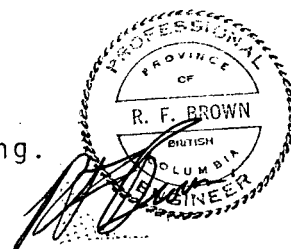
LAC MINERALS LTD.

Geochemical, Road Building and Trenching
Assessment Report on the
BOB #1-4 Claims
Cariboo Mining Division
N.T.S. 93B/13E

Latitude: 52° 55'

Longitude: 123° 37'

Owner and Operator: Lac Minerals Ltd.
Report By: Robert F. Brown, P.Eng.
Date: January, 1985.



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

13,478

BOB CLAIMS

TO WHOM IT MAY CONCERN:

Please keep this data confidential for the longest period of time possible (3 years?).

*Drilling + assays
or regional only*

1 yr. TEK,

LAC MINERALS LTD.

Robert F. Brown, P.Eng.

January, 1985

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* Update Table #2 - #4 from - Geochemical Assessment Report on the BOB #1-#4 Mineral claims, August, 1984 by Robert F. Brown, P.Eng. LAC MINERALS LTD.

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INTRODUCTION:

The Bob #1-4 claims (80 units) were staked in 1983 to cover an area of Au, As anomalous soil samples. Line cutting, soil sampling and soil profile pits were dug during the autumn of 1983 and the spring of 1984 (Turna, April 1984; Brown, August 1984). This report details recent exploration by road building and trenching with subsequent soil profiling and rock chip sampling.

Road building and subsequent sampling took from August 18-27, 1984. Backhoe trenching was done between November 24 and December 5, 1984. Logging, skidding and stacking as required by the Forestry Service was done November 24-28, 1984. Appendix #4 contains all the pertinent completed assessment forms; Appendix #2 has the trenching dimensions and Appendix #3 is an expenditures breakdown.

Location and Access

The Bob #1-4 Claims are located 75km west of Quesnel, B.C. on N.T.S. 93B/13 (Fig. 1). Access year round from Quesnel is on the paved then gravel Nazko road, then onto the gravel Michelle Creek logging road.

Topography

The area of the Bob claims is characterized by low rolling hills with elevations between 900-1170 meters. Michelle Creek which flows eastward through the claims forms a broad low area of swamp and thick glacial till deposition. Otherwise drainage is good with the gentle relief cut by post glacial erosional gulchs. The prominent hill near the N.W. corner of Bob #2 claim shows some outcrop and minor cliffs. The only other outcrop is the N.E. corner of Bob #2 as a series of E.N.E. trending ridges. Hills on Bob #1 and Bob #3, 4 are glacial.

The claims are forested by coniferous (spruce, pine) and deciduous (alder) trees from post forest fire growth to mature harvestable stands. An epidemic of pine beetles is presently destroying most of the mature wood, as such logging of these 'big kill' areas is going on feverously. Between June-December 1984 the N.W. corner of Bob 1 and S.W. corner of Bob 2 were clear cut.

General Geology

The area was originally mapped by H. W. Tipper with the G.S.C. in 1957 (Map 12-1959). Tipper's mapping is correct with one set of outcrops being found on a prominent hill between L30-L42N, 10-25W (Fig. #2 for locations) and another smaller area of outcrop between L35-L40N, 0-3W. The former area is polymitic conglomerate, and sandstone with minor siltstone and argillite. The latter outcrop area along the east side of Bob #2 claim is massive basalt lava flows and breccia.

Several quartz feldspar rhyolite porphyries have been found by trenching and surface sampling, some have north south trends, but generally the attitudes of the porphyry dykes cannot be discerned.

It was only with the backhoe and road building that an idea of structure and stratigraphy in the sediments is allowed. Attitudes and dips are quite variant showing some evidence of folding.

The prominent conglomerate cliffs in N.W. Bob #2 claim seem to be overlain by a somewhat folded sequence of sandstones, pebble sandstones, siltstone and argillite, then another thick conglomerate unit.

Hematite and limonite are ubiquitous to the area but seem to have little correlation with the geochemically more anomalous samples.

Tipper has indicated the conglomerates to be of Juro-Cretaceous age, the basalts of Tertiary Paleocene age. The rhyolite porphyries are of unknown age but certainly post-Juro-Cretaceous.

GEOCHEMICAL SURVEY

All samples from 1984 (except backhoe trenching) and previous years work including rock, soil and soil profiles are plotted on Fig. 2, 3, 4. The rock analysis are also tabulated on Tables #3,4. Soil profile details are compiled on Table #2. About half of the 1984 soils were run for copper but as it added nothing to the definition of the anomalous area copper analysis was dropped, the copper values are not plotted. Best soil anomaly definition and rock correlation is given by Au and As (Fig. #3,4). All soils and soil profile samples were run Au, As; rocks were run Au, Ag, As, Hg, Sb and in some cases Pb, Zn, Cu (only for background data).

Only three days were spend soil and soil profiles sampling for this report, the bulk of the work was rock sampling related to road building and trenching. Pat Coyle soil sampled August 18-20, 1984 while R.F. Brown assisted on August 18, 19, 1984.

Soil Sampling

Soil sampling was done using a Swedish tree planting maddock which serves doubly well as a soil sampling impliment. Soils were taken at a 20cm depth in a typically poor residual "B" horizon, developed in silty clayey to silty sandy till. Samples were taken on compassed, hip chained lines, at 50m intervals, lines were cut on a east-west orientation about 150-200m apart. About ½ kg. samples were collected in kraft envelopes and sent unprepared to Bondar-Clegg Co. Ltd. for analysis.

Soil Profiles :

Pits were dug under some of the more interesting anomalous soil samples (Table #2) generally they were dug to 0.7 - 1m depth with 2 or 3 samples being taken, usually at the 0.4m depth, the top of the till under the poor "B" soil, and at the pit bottom. About ½ kg samples were collected in kraft envelopes and sent unprepared to Bondar Clegg Co. Ltd. for analysis. The same sample size was used when tills were sampled at the bottom of backhoe trenches.

Rocks:

Rock sampling was concentrated within the conglomerate unit where there was outcrop coincident with anomalous soil values. Generally the outcrops were chip sampled over 10-25 M widths in an E-W direction. Small outcrops, the odd fracture zone, and boulders were grab sampled (Table #3). Samples of 2-4kg weight were bagged and sent to Bondar Clegg Co. Ltd. for analysis.

Sampling on the exposed road outcrops was done over 5 - 25m widths (width down road) along with more detailed geology. Back hoe trench sampling gave much excellent rock exposure. Sampling where convenient was done over 5m intervals (Fig #4 - #7).

Labratory Methodology:

Soil and silt samples were dried at 60°C and sieved to -80 mesh. Rock samples were pulverized to -150 mesh.

Geochemical Analysis for Cu, Pb, Zn, Mo, Ag.

0.5 gram samples are digested in hot aqua regia and diluted with demineralized water. Extracted metals are determined by atomic absorption. Background correction is made for Ag and Pb.

Geochemical Analysis for Au:

10.0 grams samples that have been ignited overnight at 600°C are

digest in hot aqua regia and diluted with demineralized water.
Determination is by atomic absorption.

Geochemical Analysis for As:

As is extracted from the sample using $\text{HClO}_4\text{-HNO}_3$ arsine.
Method of analysis is colourmetric.

Geochemical Analysis for Sb:

Sb is determined by energy dispersive x-ray fluorescence.

Geochemical Analysis for Hg:

0.5 gram samples are digested in aqua regia and diluted with
20% HCl . Hg is determined by closed cell, flameless atomic
absorption.

ROAD BUILDING

Field Methodology

Road building was done by P & B Contracting from Quesnel, B.C. between August 20-27th, 1984. It consisted of using a D-8 bulldozer with rippers following a ribboned centre line. The timber was pushed aside as the road was being built, outcrop areas were ripped open then cleaned off as well as possible. The roads were labeled RdA, RdB, RdC, RdD (see Figure #8,9,10).

Road E to the south of RdA was made by logging contractors. Cost to Lac Minerals for the D-8 mobilization and road work was \$4,841.25. The roads are 5m wide and total 4166 meters in length.

Rock Sampling

Rock exposure from bulldozer road building was extended as far as possible using the rippers along the road. Subsequently the exposures were mapped and sampled (Fig. #8-#10).

Road Clearance:

After a lengthy period of time Lloyd Stonewaller of Shamrock Cattle Co. Ltd. Nazko was contacted about cutting and stacking the timber pushed over by the D-8. The B.C. Forest Service demands all salvagable timber be stacked then auctioned (not Lac Minerals Ltd. concern). L. Stonewaller completed the work between November 24-28, 1984 at a cost of \$2,240.00.

TRENCHING

Field Methodology

The high Au, As soil highs were tested by trenching along RdA, RdC RdD, and RdE. McCluskie Excavating of Quesnel using a 580 CASE backhoe did the work between November 25 - December 5, 1984.

Frost at the time was minimal so the trench was dug down the centre of the road. Till to clay till overburden proved to be very difficult and hard to dig through. Therefore if bedrock was not found within 2 meters depth the backhoe would move down the road and try again. After the trenches were sampled and mapped they were filled. Trenches and pits were 1m wide, with a total length of 610m.

Rock and Till Sampling:(Fig #8-#10) Where the overburden was generally less than 2 meters thick trenches were dug exposing bedrock. The bedrock was then mapped and sampled down the length of the trench. In some cases, especially near the the westend of RdA bedding was near horizontal, none the less sampling was done down the length of the trench. If the till cover became to thick (>2 meters), the backhoe would move 40-50m down the road and start a pit, if no bedrock was found in the pit a till sample was taken at the pit bottom and the depth of sample recorded. If outcrop was hit trenching was continued. Road A was especially amiable to trenching, RdB was sampled by pits and a few trenches. A summary of the trenching dimensions is found in Appendix #2.

DISCUSSION:

Road building and subsequent backhoe trenching parallel to L30N and L35N (14-26W) have exposed a good section of clastic sediments cut by rhyolite porphyry. The ubiquitous hematite found throughout the clastic sediments gives no indication of anomalous tenor, hematite just seems to form a large halo with enhanced Au, As, Hg, Sb, Ag. Not enough rock sampling has been done to postulate on zoning in the hematite halo. (Fig. #8-10)

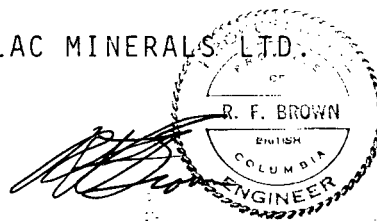
The soil samples taken were from L73-50N, L75N, L80N, and east extensions of L38N, L34N, L32N. Profile pits were dug on L35N between 8W-11W on a weak N-S trending Au soil anomaly. Gold values were found in the profiles and in the area L30N-L40N, 9-11W.

CONCLUSIONS:

The backhoe trenching continued to find hematitic (Appendix 1) clastic sediments and minor rhyolite porphyry with anomalous coincident Au, Ag, As, Hg, Sb. An excavator will be used for trenching during the summer of '85 as the backhoe had difficulties in the compacted tills.

Enough assessment work was completed to keep the Bob #3,#4 claims for one (1) year making their expiry year 1989. (Table #1) and the Bob #1,#2 claims for two (2) years making their expiry year 1990.

LAC MINERALS LTD.



Robert F. Brown, P.Eng.

REFERENCES

- Tipper, H.W.; 1959; Geology, Quesnel Map Sheet, MAP 12-1959,
Geological Survey of Canada
- Tipper, H.W.; 1961; Geology, Prince George Map Sheet, MAP 49-1960,
Geological Survey of Canada.
- Turna, R.: April 1984; Geochemical Assessment Report on the BOB
CLAIM GROUP, Cariboo M.D., LAC MINERALS LTD.
- Brown, R.F.; August 1984, Geochemical Assesement Report on the BOB
#1-4 Claims Group, Cariboo M.D., LAC MINERALS LTD.

TABLE #1

BOB CLAIMS GROUP STATUS AS OF JANUARY 1985

<u>Claim Number</u>	<u>Units</u>	<u>Record Number</u>	<u>Expiry Date</u>
BOB 1	50	4851	May 20, 1988
BOB 2	20	4852	May 20, 1988
BOB 3	20	5069	August 16, 1988
BOB 4	20	5068	August 16, 1988

- Assessment work from this report is: one (1) year, Bob 3, 4
:two (2) years, Bob 1, 2

APPENDIX #2

METRIC DIMENSIONS OF TRENCHES AND PITS

BOB #2 CLAIM

November-December, 1984

APPENDIX #2

Metric Dimensions of Trenchs and Pits, Bob #2 Claim

November - December, 1984

(see Figure #8,9,10 for location)

<u>SAMPLE #</u>	<u>TRENCH LENGTH (meters)</u>	<u>APPROX. DEPTH (meters)</u>	<u>LOCATION</u>
BOB 4000-4008	39.0	1.5	RdC 470-509
BOB 4009 (PIT)	5.0	2.5	RdC 450
BOB 4010 (PIT)	8.0	2.0	RdC 420
BOB 4011 (PIT)	8.0	2.0	RdC 375
" 4012 (PIT)	8.0	1.5	RdC 340
" 4013-4015	20.0	1.5	RdC 290-310
" 4016 (PIT)	5.0	2.5	RdC 260
" 4017 (PIT)	5.5	1.6	RdC 225
" 4018 (PIT)	7.0	1.5?	RdC 195
" 4019-4020	12.0	2.0	RdC 165
" 4022 (PIT)	8.0	2.6	RdC 165
" 4023 (PIT)	16.0	2.0	Rdc 125
" 4025 (PIT)	6.0	3.2	RdC 85
" 4027 (PIT)	6.0	3.0	RdC 50
" 4028	6.0	0.4	RdC 112-118
" 4029-4032	30.0	1.5	RdC 80-110
" 4033-4034	20.0	1.5	RdC 56-76
" 4035 (PIT)	11.0	2.5	RdD 46-57
" 4036 (PIT)	2.0	3.0	RdD 15
" 4037-4055	105.0	1.0	RdA 1807-1912
" 4056-4078	146.0	1.0	RdA 1622-1718
" 4079 (PIT)	7.0	2.7	RdA 1590
" 4080 (PIT)	7.0	3.3	RdA 1560
" 4081 (PIT)	6.0	3.4	RdA 1520
" 4082-4083 (PIT)	6.0	3.6	RdA 1505
" 4085-4087	2.0	2.0	RdA 1457-78
" 4088	9.0	1.5?	RdA 1450

Appendix 2 continued...

<u>SAMPLE #</u>	<u>TRENCH LENGTH (meters)</u>	<u>Approximate DEPTH (meters)</u>	<u>LOCATION</u>
BOB 4088	9.0	1.5(?)	RdA 1450
BOB 4089-4115	147.0	1.5	RdA 1280-1427
BOB 4016 (PIT)	7.0	2.7	RdA 1255
BOB 4017 (PIT)	6.0	2.2	RdA 1219
BOB 4018 (PIT)	6.0	2.9	RdA 1195
BOB 4019 (PIT)	6.0	3.0	RdE 1300
BOB 4021 (PIT)	6.0	3.0	RdE 1200

Length of Trenching = 695.5m

Volume of Trenching = 1081.m³

APPENDIX #3

BOB CLAIM GROUP EXPENDITURES

August 17-25, 1984

November 23 - December 2, 1984

APPENDIX #3

BOB CLAIM GROUP EXPENDITURES

Expenditures for Bob 1, 2 for the year May 20, 1984-1985

" " " 3, 4 " " " August 16, 1984-1985

Salaries

Patrick Coyle August 17-25/84 @ \$77/day x 8 = \$616.00

Gary Payie November 23 - December 2/84
(geologist) @ \$81.20/day x 10 = \$812.00

York Ming So November 23 - December 2/84
(geologist) @ \$100/day x 10 = \$1000.00

Robert Brown August 17-25/84
P.Eng. (geologist) November 23 - December 2/84
@ \$130/day x 18 = \$2340.00

Analysis - Bondar Clegg & Company Ltd. Reports 124-2700, 124-4087
\$1612.55 + \$2855.75 = \$4468.30

Drafting by Fred Chong \$288.00

Appendix #3 continued...

Food, Meals @ Frontier Trading Post, Nazko

August = \$463.71
November = \$1057.99

travelling:

August 17, = \$127.52
August 27, 1984 = \$34.25
November 24,25, 1984 = \$109.59
December 2, 1984 = \$58.85

Truck Rental - Rentways Ford Bronco @ \$30/day x 18 = \$540.00
Aug 17-25, Nov 23-Dec 2

Gas: August = \$ 93.00
November = \$183.13

Bulldozer Rental - P & B Contracting, Quesnel, B.C.

August 1984 - 33 hours @ \$119.25/hr = \$3935.25
Hauling cost = \$ 906.00

Backhoe - CASE 580 Rental, McCluskie Excavating,
Quesnel, B.C. November-December/84

92 hours @ \$45/hour = \$4140.00
hauling costs \$360.00

Logging - road clearance, Shamrock Cattle Co. Ltd.,

24 hours falling @ \$30/hour = \$ 720.00
38 hours skidding @ \$40/hour = \$1520.00

Report Writing - 5 days @ \$130/day by R.F. Brown = 650.00

GRAND TOTAL = 24,423.59

APPENDIX #4

STATEMENT OF EXPLORATION AND DEVELOPMENT

TABLE #2

SOIL PROFILES 1984

From Bondar-Clegg Reports: #124-0782
124-0877, 124-0977, 124-1166, 124-2700, 124-4087

TABLE #2

SOIL PROFILES (See Fig. #2, #3, #4,)

<u>SITE</u>	<u>SAMPLE #</u>	<u>DEPTH</u>	<u>SOIL TYPE</u>
L65N, 24W	BOB 3117	20cm	"B"
" "	3621	0.4m	sandy till
" "	3622	0.9m	" "
L65N, 23W	BOB 3115	20cm	"B"
" "	" 3622A	0.4cm	sandy till
" "	" 3623	0.7m	" "
L65N, 22W	BOB 3113	20cm	"B"
" "	" 3624	0.4m	silty sandy till
" "	" 3625	0.8m	" " "
L65N, 20+50W	BOB 3110	20cm	"B"
" "	" 3626	0.4m	silty sandy till
" "	" 3627	0.8m	" " "
L65N, 20W	BOB 3109	20cm	"B"
" "	" 3628	0.35m	sandy till
" "	" 3629	0.8m	" "
L65N, 19W	BOB 3107	20cm	"B"
" "	" 3630	0.4m	sany till
" "	" 3631	0.8m	silty till
L65N, 18N	BOB 3105	20cm	"B"
" "	" 3632	0.3m	silt-sand till
" "	" 3633	0.7m	silty till

TABLE #2

SOIL PROFILES (See Figures #2, #3, #4,)

<u>SITE</u>	<u>SAMPLE #</u>	<u>DEPTH</u>	<u>SOIL TYPE</u>
L60N, 24+50W	BOB 3120	.2m	"B"
" "	" 3619		silt-sand till
" "	" 3620		sandy till
L60N, 23+50W	BOB 3121	0.2m	"B"
" "	" 3617	0.4m	silt-sandy till
" "	" 3618	0.7m	sandy-till
L60N, 22+50W	BOB 3122	.2m	"B"
" "	" 3615	0.5m	sandy till
" "	" 3616	1.0m	" "
L60N, 21+50W	BOB 3123	.2m	"B"
" "	" 3613	0.6m	silty till
" "	" 3614	1.0m	sandy silty till
L60N, 20+50NW	BOB 3124	.2m	"B"
" "	" 3611	0.4m	sandy till
" "	" 3612	0.8m	silty till
L60N, 19+50W	BOB 3125	.2m	"B"
" "	" 3609	0.45	silt-sandy till
" "	" 3610	0.9m	silt till
L60N, 18+50W	BOB 3126	.2m	"B"
" "	" 3607	0.4m	silty till
" "	" 3608	0.7m	silty "
L60N, 17+50W	BOB 3127	.2m	"B"
" "	" 3605	.5m	sandy gravel till
" "	" 3606	1.0m	silty till

TABLE #2

SOIL PROFILES (See Figures #2, #3, #4)

<u>SITE</u>	<u>SAMPLE #</u>	<u>DEPTH</u>	<u>SOIL TYPE</u>
L60N, 16+50W	BOB 3128	.2m	"B"
" "	" 3603	0.4m	silty till
" "	" 3604	0.9m	" "
L60N, 15+50W	" 3129	.2m	"B"
" "	" 3601	.4m	silty till
" "	" 3602	.95m	" "
L55N, 22+50W	BOB 2298	.2m	"B"
: "	" 2945	.4m	silt clay till
" "	" 2946	.9m	clay till
L55N, 21+50W	BOB 2300	.2m	"B"
" "	" 2947	.4m	rocky clay till
" "	" 2948	.9m	hard clay till
L55N, 19W	BOB 2305	.2m	"B"
" "	" 2951	.4m	rocky clay till
" "	" 2952	.9m	" " "
L55N, 17+50W	BOB 2308	.2m	"B"
" "	" 2953	.4m	clay rocky till
" "	" 2954	.95m	clay rocky till
L55N, 17W	BOB 2309	.2m	"B"
" "	" 2955	.4m	gravel till
" "	" 2956	.9m	" "
L55N, 16W	BOB 2311	.2m	"B"
" "	" 2957	.4m	gravel till
" "	" 2958	.55m	hard pan, clay till
L55N, 15W	" 2283	.2m	"B"
" "	" 2959	.4m	rocky clay till
" "	" 2960	.7m	" " "

TABLE #2

SOIL PROFILES (See Figures #2, #3, #4)

<u>SITE</u>	<u>SAMPLE #</u>	<u>DEPTH</u>	<u>SOIL TYPE</u>
L40N, 24W	BOB 2092	.2m	"B"
" "	" 2358	.4m	sandy till
" "	" 2359	.9m	sandy till
L40n, 23W	" 2091	.2m	"B"
" "	" 2360	.5m	gravel till
" "	" 2361	1.0m	" "
L40N, 22W	" 2090	.2m	"B"
" "	" 2362	.3m (bedrock)	till
L40N, 21W	BOB 2089	.2m	"B"
" "	" 2363	.3m	gravel till
" "	" 2364	.6m	sandy till
L40N, 20W	BOB 2088	.2m	"B"
" "	" 2365	.3m	sandy till
" "	" 2366	.75m	" "
L40N, 19W	BOB 2087	.2m	"B"
" "	" 2367	.3m	sandy till
" "	" 2368	.75m	" "
L40N, 18W	BOB 2086	.2m	"B"
" "	" 2369	.3m	sandy till
" "	" 2370	.7m	silty till
L40N, 17W	BOB 2085	.2m	"B"
" "	" 2371	.3m	sandy till
" "	" 2372	.75m	" "

TABLE #2

SOIL PROFILES (See Fig. #2, #3, #4)

<u>SITE</u>	<u>SAMPLE #</u>	<u>DEPTH</u>	<u>SOIL TYPE</u>
L40N, 16W	BOB 2084	.2m	"B"
" "	" 2373	.3m	sandy till
" "	" 2374	.7m	" "
L40N, 15W	BOB 2063	.2m	"B"
" "	" 2375	.3m	gravel till
" "	" 2376	.65m	" "
L35N, 24W	BOB 1124	.2m	" "
" "	" 2338	.4m	clay silt till
" "	" 2339	.8m	silt-sand clay till
L35N, 23W	" 1125	.2m	"B"
" "	" 2340	.35m	silt till
" "	" 2341	.7m	sand till
L35N, 22W	" 1126	.2m	"B"
" "	" 2342	.25m	silty till
" "	" 2343	.6m	silty sandy till
L35N, 21W	BOB 1127	.2m	"B"
" "	" 2344	.35m	sandy till
" "	" 2345	.35m	outcrop rhyolite
L35N, 20W	" 1128	.2m	"B"
" "	" 2346	.45m	sand till
" "	" 2347	1.0m	silt till
L35N, 19W	BOB 1129	.2m	"B"
" "	" 2348	.5m	sandy till
" "	" 2349	1.0m	" "

TABLE #2

SOIL PROFILES (See Figures #2, #3, #4)

<u>SITE</u>	<u>SAMPLE #</u>	<u>DEPTH</u>	<u>SOIL TYPE</u>
L35N, 18W	BOB 1130	.2m	"B"
" "	" 2350	.25m	"B"
" "	" 2351	.5m	sandy till
L35N, 17W	BOB 1131	.2m	"B"
" "	" 2352	.5m	sandy till
" "	" 2353	1.0m	" "
L35N, 16W	BOB 1132	.2m	"B"
" "	" 2354	.4m	sandy till
" "	" 2355	.8m	" "
L35N, 15W	BOB 1133	.2m	"B"
" "	" 2356	.45m	" "
" "	" 2357	.9m	" "
L30N, 24W	BOB 2118	0.2m	"B"
" "	" 3261	0.35m	clay till
" "	" 3262	0.7m	" "
L30N, 23W	BOB 2117	0.2m	"B"
	3259	0.5m	sandy till
	3260	1.0m	" "
L30N, 22W	BOB 2116	0.2m	"B"
" "	" 3257	0.5m	sandy till
" "	" 3258	1.0m	" "
L30N, 21W	BOB 2115	0.2m	"B"
" "	" 3255	0.4m	clay till
" "	" 3256	0.7m	" "
L30N, 20W,	BOB 2114	0.2m	"B"
	" 3253	0.5m	sand till
	" 3254	1.0m	" "

TABLE #2

SOIL PROFILES (See Figures #2, #3, #4)

<u>SITE</u>	<u>SAMPLE #</u>	<u>DEPTH</u>	<u>SOIL TYPE</u>
L30N, 19W	BOB 2113	0.2m	"B"
" "	" 3251	0.5m	sandy till
" "	" 3252	0.6m	" "
L30N, 18W	BOB 2112	0.2m	"B"
" "	" 3249	0.5m	clay silt till
" "	" 3250	0.8m	clay till
L30N, 17W	BOB 2111	0.2m	"B"
" "	" 3247	0.5m	clay till
" "	" 3248	0.9m	clay till
L30N, 16W	BOB 2110	0.2m	"B"
" "	" 3245	0.4m	silty till
" "	" 3246	0.8m	clay till
L30N, 15W	" 2009	0.2m	"B"
" "	" 3243	0.35m	silty clay till
" "	" 3244	0.8m	" " "
L25N, 24W	BOB 1173	0.2m	"B"
" "	" 2941	0.4m	clay till
" "	" 2942	0.9m	" "
L25N, 23W	BOB 1172	0.2m	"B"
" "	" 2939	0.4m	sandy till
" "	" 2940	1.0	blackish sandy till
L25N, 22W	BOB 1171	0.2m	"B"
" "	" 2810	0.15m	"B"
" "	" 2811	0.45m	gravel till

TABLE #2

SOIL PROFILES (See Figures #2, #3, #4)

<u>SITE</u>	<u>SAMPLE #</u>	<u>DEPTH</u>	<u>SOIL TYPE</u>
L25N, 21W	BOB 1170	0.2m	"B"
" "	" 2807	0.15m	"B"
" "	" 2808	0.45m	gravelly till
" "	" 2809	0.75m	clay-till
L25N, 20W,	BOB 1169	0.2m	"B"
" "	" 2804	0.15m	"B"
" "	" 2805	0.45m	sandy till
L25N, 19W	BOB 1168	8.2m	"B"
" "	" 2800	0.15m	"B"
" "	" 2801	0.45m	"B" till
" "	" 2802	0.75m	gravel till
" "	" 2803	1.2m	hematitic clay till
L25N, 18W	BOB 1167	0.2m	"B"
" "	" 2937	0.4m	reddish clay till
" "	" 2938	0.9m	" " " , rocky
L25N, 17W	BOB 1166	0.2m	"B"
" "	" 2935	0.4m	rocky clay till
" "	" 2936	0.8m	rocky clay till
L25N, 16W	BOB 1165	0.2m	"B"
" "	" 2934	0.4m	clay till
" "	" 2935	0.7m	" "
L25N, 15W	BOB 1164	0.2m	"B",
" "	2932	0.4m	sandy clay till
" "	2933	0.8m	" " "
L20N, 24W	" 1059	0.2m	"B"
" "	" 2943	0.4m	clay till
" "	BOB 2944	0.7m	" "

TABLE #2

SOIL PROFILES (See Figures #2, #3, #4)

<u>SITE</u>	<u>SAMPLE #</u>	<u>DEPTH</u>	<u>SOIL TYPE</u>
L20N, 23W	BOB 1060	0.2m	"B"
" "	" 2321	0.5m	silty clay till
" "	" 2322	0.9m	" " "
L20N, 22W	BOB 1061	0.2m	"B"
" "	2323	0.4m	silty clay till
" "	2324	0.75m	" " "
L20N, 21W	BOB 1062	0.2m	"B"
" "	" 2325	0.4m	sandy clay till
" "	" 2326	0.9m	" " "
L20N, 20W	BOB 1063	0.2m	"B"
" "	" 2327	0.5m	sandy clay till
" "	" 2328	1.0m	" " "
L20N, 19W	BOB 1064	0.2m	"B"
" "	" 2329	0.35m	sandy clay till
" "	" 2330	0.75m	" " "
L20N, 18W	BOB 1065	0.2m	"B"
" "	" 2331	0.4m	sand till
" "	" 2332	0.8m	sand till
L20N, 17W	BOB 1066	0.2m	"B"
" "	" 2333	0.5m	gravel sand till
" "	" 2334	1.0m	" " "
L20N, 16W	" 1067	0.2m	"B"
" "	" 2335	0.5m	gravel sand till
" "	" 2336	1.0m	" " " (water table)

TABLE #2

SOIL PROFILES (See Figures #2, #3, #4)

<u>SITE</u>	<u>SAMPLE #</u>	<u>DEPTH</u>	<u>SOIL TYPE</u>
L20N, 15W	BOB 1068	0.2m	"B"
" "	" 2337	0.6m	sand gravel till (water table)

Soil Profiles, August 1984, BONDAR CLEGG Report 124-2700:

L35N, 11W	BOB 1137	0.1m	"B"
	BOB 2455	0.3m	till
	" 2456	0.7m	till
	" 2457	1.0m	till
L35N, 8W	BOB 1140	0.1m	"B"
	" 2459	0.6m	rocky till
	" 2460	0.1m	till
L35N, 9W	BOB 1139	0.1m	"B"
	" 2461	1.0m	till
	" 2462	0.7m	till
	" 2463	0.3m	till
L35N, 10W	BOB 1138	0.1m	"B"
	" 2464	1.0m	till
	" 2465	0.7m	till
	" 2466	0.3m	till

Backhoe Pits, November 1984, Bondar Clegg Report 124-4087
(see sketches Fig. #15-28)

RdC 420m	BOB 4010	2.0m	till, clay
RdC 375m	" 4011	2.0m	" "
RdC 340m	" 4012	1.5m	" "
RdC 260m	" 4016	2.5m	" "
RdC 225m	" 4017	1.6m	" "
RdC 160m	" 4022	2.6m	" "
RdC 120m	" 4024	2.5m	" "
RdC 80m	" 4026	3.2m	" "
RdC 45m	" 4027	3.0m	" "
RdD 10m	" 4036	3.0m	" "
RdA 1560m	" 4080	3.3m	" "
RdE 1300m	" 4120	3.1m	" "
RdE 1200m	" 4121	2.9m	" "

TABLE #3

ROCK ANALYSIS 1984

From Bondar-Clegg Reports #124-0717 -
124-0784, 124-0877, 124-0977, 124-1166, 124-1326, 124-2700, 124-4087

BOB CLAIMS ROCK ANALYSIS - 1984

Table #3

(See Figures #2,3,4,5,8,9, 10, 11)

SAMPLE #	Au (ppb)	As (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Hg (ppb)	Sb (ppm)
BOB 2173	< 5	3	11			< 0.2		
BOB 2314	< 5	3	24	4	110	< 0.2	20.	2
BOB 2315	< 5	14	5	5	24	< 0.2	25.	2
BOB 2316	20	105	44	10	16	0.3	20.	5
BOB 2317	760	1000	49	51	78	1.8	1550.	43
BOB 2318 A	15	150	28	3	195	0.2	165.	5
BOB 2318 B	15	550	251	3	115	0.2	2050.	26
BOB 2320	135	850	74	73	315	1.9	800.	145
BOB 2345	10	25						
BOB 2500								
BOB 2501								
BOB 2502								
BOB 2503								
BOB 2504	215	> 1000	71					
BOB 2505	5	32	43					
BOB 2506	65	> 1000	18					
BOB 2507	10	280	52					
BOB 2508	< 5	63	39					
BOB 2509	140	400	75					
BOB 2541								
BOB 2897	10	550	94			0.8		
BOB 2898	< 5	14	7			< 0.2		

BOB CLAIMS ROCK ANALYSIS - 1984
 (See Figures #2,3,4,5,8,9,10,11)

Table #3

<u>SAMPLE #</u>	<u>Au (ppb)</u>	<u>As (ppm)</u>	<u>Cu (ppm)</u>	<u>Pb (ppm)</u>	<u>Zn (ppm)</u>	<u>Ag (ppm)</u>	<u>Hg (ppb)</u>	<u>Sb (ppm)</u>
BOB 2899	<5	47	550			1.9		
BOB 2900	<5	7	7			< 0.2		
BOB 2901	<5	400	84			0.6		
BOB 2902	10	58	280			1.2		
BOB 2903	130	290	27	15	122	1.0	160	58
BOB 2904	15	300	64	12	8	0.6	650	27
BOB 2905	25	275	72	23	5	1.2	1100	33
BOB 2906	35	350	21	38	2	1.5	600	31
BOB 2907	25	150	17	56	3	2.8	1300	33
BOB 2908	45	300	57	58	35	1.3	750	115
BOB 2909	155	260	62	27	18	1.7	400	36
BOB 2910	20	125	40	4	40	0.2	65	15
BOB 2911	10	60	14	8	8	0.2	45	23
BOB 2912	15	57	20	4	18	0.2	95	15
BOB 2913	20	170	27	14	26	0.5	160	51
BOB 2914	25	150	23	34	10	0.2	140	32
BOB 2915	20	75	40	4	164	0.2	60	10
BOB 2916	40	380	70	14	239	0.2	90	12
BOB 2917	10	60	56	41	43	0.5	90	30
BOB 2918	5	60	30	20	18	0.6	60	24
BOB 2919	5	110	65	31	8	0.9	280	34
BOB 2920	20	50	49	16	22	2.3	850	35

BOB CLAIMS ROCK ANALYSIS - 1984

Table #3

(See Fig. #2, 3, 4, 5, 8, 9, 10, 11)

SAMPLE #	Au (ppb)	As (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Hg (ppb)	Sb (ppm)
BOB 2921	5	50	34	7	51	0.4	800	15
BOB 2922	15	42	37	3	5	<0.2	25	17
BOB 2923	20	40	40	4	22	<0.2	40	6
BOB 2924	30	155	73	45	132	0.5	300	28
BOB 2925	5	50	40	16	7	0.5	120	15
BOB 2926	15	110	85	12	206	0.6	410	17
BOB 2927	20	105	46	23	76	0.6	375	13
BOB 2928	50	33	29	5	134	0.2	110	11
BOB 2929	15	80	23	51	89	0.2	90	10
BOB 2930	50	300	41	173	60	1.2	390	3
BOB 2931	25	80	28	46	55	0.8	190	8
BOB 2961	25	400	38	8	99	<0.2	1200	145
BOB 2962	10	78	24	16	93	0.4	390	16
BOB 2963	10	400	39	58	20	3.1	470	40
BOB 2964	50	> 1000	74	82	160	1.2	700	66
BOB 2965	5	170	63	8	49	0.3	40	12
BOB 2970	5	550	19	24	330	2.0	80	20
BOB 2971	<5	410	39	23	470	4.4	115	36
BOB 2972	<5	110	81	11	68	2.8	45	5
BOB 2973	5	105	33	11	120	0.4	40	11
BOB 2974	75	>1000	206	145	7	7.9	1600	250
BOB 2975	150	750	194	81	740	0.7	200	21

BOB CLAIMS ROCK ANALYSIS - 1984

Table #3

(See Fig. #, 2, 3, 4, 5, 8, 9, 10, 11)

<u>SAMPLE #</u>	<u>Au (ppb)</u>	<u>As (ppm)</u>	<u>Cu (ppm)</u>	<u>Pb (ppm)</u>	<u>Zn (ppm)</u>	<u>Ag (ppm)</u>	<u>Hg (ppb)</u>	<u>Sb (ppm)</u>
BOB 2975A								
BOB 2976	245	650	54	165	162	0.6	185	115
BOB 3222								
BOB 3223								
BOB 3224								
BOB 3225								
BOB 3226								
BOB 3227	55	575	101	15	65	0.8	1050	20
BOB 3228	25	280	146	4	155	<0.2	2300	9
BOB 3229	110	200	175	3	40	<0.2	1550	9
BOB 3230	5	32	28	8	4	0.6	440	16
BOB 3231	35	550	18	28	3	1.5	380	34
BOB 3232	75	550	25	56	3	3.5	1350	80
BOB 3233	10	270	95	45	71	3.2	210	170
BOB 3234	20	300	51	55	5	2.5	115	61
BOB 3235	60	575	56	124	10	2.4	375	53
BOB 3236	65	650	50	60	73	0.7	200	37
BOB 3237	115	600	52	42	79	0.5	280	33
BOB 3238	120	400	30	58	125	0.8	240	43
BOB 3239	80	230	21	23	91	0.5	190	11
BOB 3240	115	500	33	30	130	0.6	520	25
BOB 3241	5	60	12	6	93	0.2	80	6

BOB CLAIMS ROCK ANALYSIS - 1984

Table #3

(See figures #2,3,4,5,8,9,10,11)

SAMPLE #	Au (ppb)	As (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Hg (ppb)	Sb (ppm)
BOB 3263	5	120	35	35	7	1.2	225	11
BOB 3264	25	310	54	16	8	0.5	350	21
BOB 3265	50	310	80	10	40	0.4	2450	46
BOB 3266	265	400	80	19	31	0.3	700	16
BOB 3267	80	> 1000	68	39	59	2.6	390	38
BOB 3268	365	> 1000	29	126	52	1.0	60	63

BONDAR-CLEGG Report 124-2700 Road/Building August/1984 (for descriptions see Fig. #2,3,4,5,8,9,10,11 and Fig. #15-28)

BOB 2427	<5	4				<0.2	60	<2
2458	5	9				<0.2	1200	3
2467	30	120				<0.2	40	18
2468	5	25				<0.2	70	8
2469	5	58				0.2	110	4
2470	35	50				<0.2	130	5
2471	25	65				0.2	130	6
2472	20	25				0.2	700	9
2473	30	10				<0.2	800	11
2474	10	27				<0.2	135	8
2475	35	225				0.4	265	30
2476	20	100				0.2	170	12
2477	30	105				0.4	300	10
2478	20	400				0.6	500	15

BOB CLAIMS ROCK SAMPLES - 1984

TABLE #3

<u>SAMPLE #</u>	<u>Au</u> <u>(ppb)</u>	<u>As</u> <u>(ppm)</u>	<u>Cu</u> <u>(ppm)</u>	<u>Pb</u> <u>(ppm)</u>	<u>Zn</u> <u>(ppm)</u>	<u>Ag</u> <u>(ppm)</u>	<u>Hg</u> <u>(ppm)</u>	<u>Sb</u> <u>(ppm)</u>
BOB 2479	110	1000				3.3	600	55
2480	90	750				0.4	40	25
2481	25	225				1.5	275	50
2482	25	800				1.0	400	60
2483	10	45				0.3	90	40
2484	20	350				<0.2	225	7
2485	20	300				0.6	700	12
2486	10	41				0.2	105	8
2487	140	250				0.5	300	15
2488	25	165				1.5	1000	18
2489	75	800				4.8	1100	100
2490	15	175				0.7	150	20
2491	<5	13				0.8	2800	9
2492	20	85				0.2	130	18
2493	10	20				<0.2	110	9
2494	20	50				<0.2	45	6
2495	40	63				<0.2	155	30

BONDAR-CLEGG REPORT #124-4087 Backhoe Trenching November/1984 (for description see Fig. #8, 9, 10,11 and Figures #15-28)

BOB 4000	80	63				0.2	455	16
4001	10	62				0.2	625	14
4002	25	160				0.5	370	12

BOB CLAIMS ROCK SAMPLES - 1984TABLE #3

<u>SAMPLE #</u>	<u>Au</u> <u>(ppb)</u>	<u>As</u> <u>(ppm)</u>	<u>Cu</u> <u>(ppm)</u>	<u>Pb</u> <u>(ppm)</u>	<u>Zn</u> <u>(ppm)</u>	<u>Ag</u> <u>(ppm)</u>	<u>Hg</u> <u>(ppm)</u>	<u>Sb</u> <u>(ppm)</u>
BOB 4003	30	200				0.5	260	31
4004	60	310				0.7	265	26
4005	<5	17				<0.2	510	3
4006	30	125				0.4	270	15
4007	25	400				0.4	265	40
4008	15	40				<0.2	1300	10
4009	45	800				0.7	380	72
4013	220	13				0.2	850	14
4014	210	20				0.2	950	11
4015	360	13				0.3	700	12
4018	150	400				2.1	2300	33
4019	15	85				1.6	800	9
4020	20	57				1.2	400	17
4021	170	93				0.4	110	14
4023	200	300				1.6	250	10
4025	320	58				0.7	410	30
4028	35	50				<0.2	200	9
4029	35	58				<0.2	155	12
4030	35	82				<0.2	130	7

BOB CLAIMS ROCK SAMPLES - 1984

TABLE #3

<u>SAMPLE #</u>	<u>Au</u> <u>(ppb)</u>	<u>As</u> <u>(ppm)</u>	<u>Cu</u> <u>(ppm)</u>	<u>Pb</u> <u>(ppm)</u>	<u>Zn</u> <u>(ppm)</u>	<u>Ag</u> <u>(ppm)</u>	<u>Hg</u> <u>(ppm)</u>	<u>Sb</u> <u>(ppm)</u>
BOB 4031	20	30				<0.2	520	6
4032	50	25				<0.2	60	4
4033	25	43				0.2	110	15
4034	25	65				<0.2	570	18
4035	<5	19				0.4	285	8
4037	10	57				0.2	380	7
4038	30	115				0.3	415	10
4039	5	80				0.2	330	8
4040	5	80				0.2	370	3
401	10	400				0.2	650	8
4042	15	800				0.2	480	34
4043	5	120				0.2	1000	15
4044	5	120				0.2	1350	10
4045	5	190				0.2	350	14
4046	10	100				0.2	310	3
4047	5	270				0.4	240	23
4048	10	370				0.3	290	7
4049	15	103				0.4	210	9
4050	10	105				0.2	240	7
4051	15	150				0.2	215	5
4052	75	1000				0.8>	2450	17
4053	15	600				0.3	340	29
5054	5	280				0.3	470	13

BOB CLAIMS ROCK SAMPLES - 1984

TABLE #3

<u>SAMPLE #</u>	<u>Au</u> <u>(ppb)</u>	<u>As</u> <u>(ppm)</u>	<u>Cu</u> <u>(ppm)</u>	<u>Pb</u> <u>(ppm)</u>	<u>Zn</u> <u>(ppm)</u>	<u>Ag</u> <u>(ppm)</u>	<u>Hg</u> <u>(ppm)</u>	<u>Sb</u> <u>(ppm)</u>
BOB 4055	10	210				0.2	230	10
4056	10	130				0.4	90	15
4057	220	1000				3.4>	1100	140
4058	130	1000				4.4>	1250	200
4059	50	425				1.9	700	52
4060	55	1000				4.4>	270	73
4061	70	600				1.9	350	46
4062	20	103				0.6	190	23
4063	20	300				2.2	180	32
4064	25	320				1.4	280	37
4065	30	310				1.9	340	68
4066	20	150				1.6	350	64
4067	780	1000				16.0>	2350	455
4068	50	425				2.0	900	41
4069	10	110				0.2	170	43
4070	40	300				3.8	2900	205
4071	10	73				0.9	400	51
4072	20	250				1.2	950	63
4073	<5	11				0.2	140	24
4074	10	30				0.2	180	31
4075	10	80				<0.2	310	33
4076	5	190				0.2	445	20
4077	5	105				<0.2	230	31

BOB CLAIMS ROCK SAMPLES - 1984

TABLE #3

<u>SAMPLE #</u>	<u>Au</u> <u>(ppb)</u>	<u>As</u> <u>(ppm)</u>	<u>Cu</u> <u>(ppm)</u>	<u>Pb</u> <u>(ppm)</u>	<u>Zn</u> <u>(ppm)</u>	<u>Ag</u> <u>(ppm)</u>	<u>Hg</u> <u>(ppm)</u>	<u>Sb</u> <u>(ppm)</u>
BOB 4078	5	60				0.7	290	28
4079	25	400				0.4	265	33
4081	300	400				1.8	1300	30
4082	5	21				0.2	540	13
4083	110	100				0.7	950	17
4084	5	300				0.4	380	10
4085	20	82				0.3	180	5
4086	50	400				0.6	290	35
4087	260	105				0.2	145	6
4088	5	24				0.2	100	42
4089	15	23				<0.2	170	30
4090	10	20				<0.2	120	19
4091	35	78				<0.2	165	30
4092	35	90				0.5	260	58
4093	10	90				0.2	140	36
4094	90	425				0.2	1600	25
4095	10	120				<0.2	360	9
4096	5	73				<0.2	180	10
4097	10	53				0.2	210	10
4098	10	57				0.2	350	14
4099	10	60				0.3	1150	19
4100	5	38				<0.2	435	15
4101	10	37				<0.2	285	11
4103	5	40				0.2	190	27

BOB CLAIMS ROCK SAMPLES - 1984TABLE #3

<u>SAMPLE #</u>	<u>Au</u> <u>(ppb)</u>	<u>As</u> <u>(ppm)</u>	<u>Cu</u> <u>(ppm)</u>	<u>Pb</u> <u>(ppm)</u>	<u>Zn</u> <u>(ppm)</u>	<u>Ag</u> <u>(ppm)</u>	<u>Hg</u> <u>(ppm)</u>	<u>Sb</u> <u>(ppm)</u>
BOB 4104	15	60				0.3	395	43
4104A	10	40				<0.2	1200	26
4105	55	310				0.4	900	26
4106	30	83				0.4	750	27
4107	20	200				0.5	300	20
4108	15	80				0.3	250	32
4109	5	22				<0.2	135	34
4110	10	11				0.2	205	22
4111	25	17				<0.2	70	55
4112	10	47				0.3	180	39
4113	<5	42				0.3	350	36
4114	<5	40				<0.2	220	32
4115	<5	27				<0.2	175	33
4116	10	30				<0.2	570	18
4117	<5	32				<0.2	400	7
4118	85	600				1.9	1150	42
4119	<5	5				<0.2	170	<2
4122	<5	30				0.2	320	7

TABLE #4

ROCK SAMPLE SITES AND DESCRIPTIONS

From BONDAR-CLEGG REPORTS:

#124-0717, 0784, 0877, 0977, 1166, 1326

BOB CLAIMS ROCK SAMPLES - 1984

Table #4

<u>SAMPLE #</u>	<u>SAMPLED MATERIAL</u>	<u>SAMPLE TYPE</u>	<u>SAMPLE SITE</u>	<u>SAMPLED WIDTH</u>	<u>ANALYSED</u>	<u>OFFICE SAMPLE</u>	<u>ROCK DESCRIPTION</u>
BOB 2173	boulder	grab	L25N,21W		NO	YES	
2314	"	"	20m N of L40N, 5+50W	-	YES	NO	MAFIC VOLCANIC
2315	"	"	15m S of L40N, 7+50W	-	YES	NO	HEMATIZED RK.
2316	outcrop (o/c)	"	L40N, 22+30W	-	"	"	RHY. PORY.
2317	"	chip	20-50m S of L40N, 21+30W	30m	"	"	CONGL.
2318A, T.S.	boulder	grab	L38N, 21+85W	-	"	"	AND. BRXY
2318B,	outcrop	"	L34N, 18+30W	-	"	"	CONGL.
2320	boulder	"	L47N, 15W	-	"	"	
2345	boulder	"	L35N, 21W	-	"	"	RHY
2500	"	"	L0N, 17W	-	NO	YES	BASALT
2501	"	"	L20N, 15+20W	-	"	"	CONGL.
2502	outcrop	"	150m S.E. of 4403 sign	-	"	"	BASALT
2503	"	"	L35N, 0W	-	"	"	"
2504 T.S.	boulder	"	L20N, 19+40W	-	YES	YES	CONGL. (Ferruginized Brxy. Chert)
2505 T.S.	outcrop	"	L25N, 9+10W	-	"	"	"
2506	boulder	"	L30N, 10+50W	-	"	NO	"
2507 T.S.	outcrop	chip	L34N, 25W	10m?	"	YES	"
2508 T.S.	"	grab	L35N, 20+8W	-	"	"	"
2509 T.S.	boulder	"	1.8km. E of jtn. old Baezaeko Rd.	-	"	"	"

BOB CLAIMS ROCK SAMPLES - 1984

Table #4

<u>SAMPLE #</u>	<u>SAMPLED MATERIAL</u>	<u>SAMPLE TYPE</u>	<u>SAMPLE SITE</u>	<u>SAMPLED WIDTH</u>	<u>ANALYSED</u>	<u>OFFICE SAMPLE</u>	<u>ROCK DESCRIPTION</u>
BOB 2541	T.S. outcrop	grab	L35N, 18+15W	-	YES	YES	CONGL.
2897	T.S. boulders	"	540m S on Spur Rd off old Baezaeko Rd.	-	"	"	CONGL. + PORPHYRY
2898	T.S. "	"	150m E of T/L 60N	-	"	"	(MAGNETITE, CHERT BRXY)
2899	T.S. "	"	" " " " "	-	"	"	BRXY CONGL.
2900	outcrop	"	L80N, 19W	-	"	"	BASALT
BOB 2901	boulder	"	L80N, 14.5W	-	"	"	BRXY CONGL.
2902	boulder	"	50m W of T/L on old Baezaeko Rd.	-	"	NO	" "
2903	outcrop	chip	L40N, 16+60-16+80W	20m	"	NO	CONGL.
2904	outcrop	"	L40N, 17+20-17+45W	25m	"	"	"
2905	"	"	L40N, 17+45-17+70W	25m	"	"	"
2906	"	"	L40N, 17+90-18+15W	25m	"	"	"
2907	"	"	L40N, 18+70-18+85W	15m	"	"	"
2908	"	"	35mN. L40N, 18+90W -19W	10m	"	"	"
2909	"	"	60m N " , 19-19+20W	20m	155ppb Au"	"	"
2910	"	"	L35N, 12+05-12+15W	10m	"	"	"
2911	"	"	20mN. L35N, 12+20-12+30W	10m	"	"	"
2912	"	"	50mS, L35N, 11+90-12-05W	15m	"	"	"
2913	"	"	" " , 12+05-12+20W	15m	"	"	"
2914	"	"	30mS, L35N, 13W	5m	"	"	"
2915	"	"	60m S, L35N, 17+80-17+95W	15m	"	"	"
2916	"	"	15mS, L35N, 18+15-18+35W	20m	"	"	"

BOB CLAIMS ROCK SAMPLES - 1984

Table #4

<u>SAMPLE #</u>	<u>SAMPLED MATERIAL</u>	<u>SAMPLE TYPE</u>	<u>SAMPLE SITE</u>	<u>SAMPLED WIDTH</u>	<u>ANALYSED</u>	<u>OFFICE SAMPLE</u>	<u>ROCK DESCRIPTION</u>
BOB 2917	outcrop	chip	L35N, 20+60-20+85W	25m	YES	NO	CONGL.
2918	"	"	" , 20+85-21+05W	20m	"	"	"
2919	"	"	" , 21+20-21+45W	25m	"	"	"
2920	"	"	L34N, 25+25W	5m	"	"	"
2921	"	"	" , 24+40-24+55W	15m	"	"	"
2922	"	"	" , 24W	5m	"	"	"
2923	"	"	" , 24+75W	2m	"	"	"
2924	"	"	70mN, L34N, 21W	10m	"	"	"
2925	"	"	25mS, L34N, 20+50W	10m	"	"	"
2926	"	"	20mN, L34N, 19+25W		"	"	"
2927	"	"	L34N, 18+60W-18+80W	20m	"	"	"
2928	"	"	L34N, 18+20-18+40W	20m	"	"	"
2929	"	"	L34N, 18+05-18+20w	15m	"	"	"
2930	"	"	L34N, 17+80-18+05W	25W	"	"	"
2931	T.S.	"	" , 17+35-17+80W	45m	"	"	"
2961	"	grabs	50mS, L35N, 12W	-	YES	YES	"
2962	"	"	L34N, 17+50W	-	YES	YES	"
2963	"	grabs	100mN, L35N, N21W	40m	YES	NO	"
2964	"	"	50mN, L30N, 20W	-	YES	NO	"
2965	boulders	"	20mN, L32N, 21W	-	YES	NO	"

BOB CLAIMS ROCK SAMPLES - 1984

Table #4

<u>SAMPLE #</u>	<u>SAMPLED MATERIAL</u>	<u>SAMPLE TYPE</u>	<u>SAMPLE SITE</u>	<u>SAMPLED WIDTH</u>	<u>ANALYSED</u>	<u>OFFICE SAMPLE</u>	<u>ROCK DESCRIPTION</u>
BOB 2970	outcrop	chip	L42N, 22+75W	-	"	NO	CONGL.
2971	"	"	25mN, L42N, 22+50-22+25W	25m	"	"	"
2972	"	"	25mN, " , 22+25W	0.35m	"	"	"
2973	"	"	L42N, 22+15-21+90W	25m	"	"	"
2974	"	"	L40N, 18+50W	1m	"	"	"
2975	"	"	50mN, L40N, 19+50W	3m	"	"	fault in Congl.
2975A , T.S.	"	"	" " "	-	NO	YES	" " "
2976	"	"	L40N, 19+75-19+50W	25m,245ppb Au	YES	NO	CONGL.
3222	"	grab	20mN, L32N, 13W	-	NO	YES	"
3223	"	"	15mN, L32N, 13W	-	NO	YES	"
3224 T.S.	"	"	10mN, L32N, 18W	-	NO	YES	"
3225	"	"	100mN, L32N, 20+50W	-	"	"	"
3226	boulder	grab	T/L,29N,	-	YES	NO	"
3227	outcrop	chip	L38N, 21+80-21+55W	25m	"	"	"
3228	outcrop	chip	L38N, 21+81W	1m	"	YES	"
3229	"	grab	" "	1m	"	NO	PORY.DYKE
3230	"	chip	L38N, 21+55-21+35W	20m	"	"	CONGL.
3231	"	"	" , 21+35-21+10W	25m	"	"	"
3232	"	"	" , 21+10-20+85W	25m	"	"	"
3233	"	"	30mN, L38N, 20+20-20+45W	25m	"	"	"
3234	"	"	" " " "	"	"(duplicate)"	"	"

BOB CLAIMS ROCK SAMPLES - 1984

Table #4

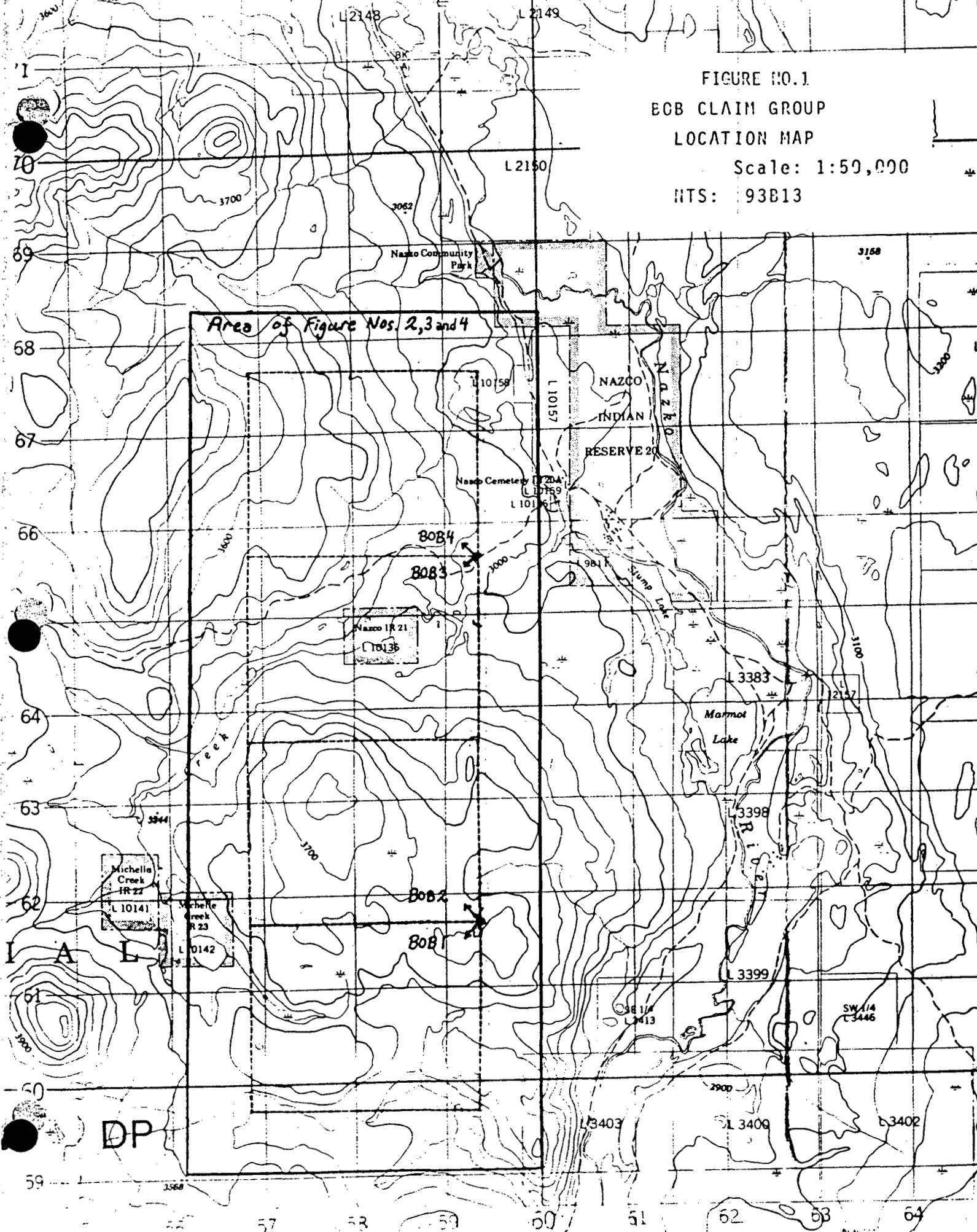
<u>SAMPLE #</u>	<u>SAMPLED MATERIAL</u>	<u>SAMPLE TYPE</u>	<u>SAMPLE SITE</u>	<u>SAMPLED WIDTH</u>	<u>ANALYSED</u>	<u>OFFICE SAMPLE</u>	<u>ROCK DESCRIPTION</u>
BOB 3235	outcrop	chip	L38N, 18+20-18+05W	15m	YES	NO	CONGL.
3236	"	"	L40N, 19+75-20N	25m	"	"	"
3237	"	"	L40N, 20-20+25W	"	"	"	"
3238	"	"	L40N, 20+25-20+50W	"	"	"	"
3239	"	"	L40N, 20+50W-20+75W	"	"	"	"
3240	"	"	15mS, L40N, 20+95-21+25W	30m	"	"	"
3241	"	"	L40N, 24+75	25m	"	"	"
3263	"	"	L38N, 22W	15m	"	"	"
3264	"	"	L38N, 22W	15m	"	"	"
- sample BOB 3264 taken 12-14m vertically below BOB 3263 on cliff face.							
3265	outcrop	chip	90-100m S, L40N, 21+50W	10m	"	"	"
3266	"	"	" " , " , " "	10m	"	"	"
- sample BOB 3266 taken 15-20m vertically below BOB 3265							
3267	T.S. outcrop	grab	L35N, 17W, 40Wm S. of Stn	-	NO	YES	" (rhy-dacite Ø dyke not sampl
3268	T.S. boulder	grab	50mS, L40N, 16W	-	YES	"	" but used as T

For rocks of B.C.C. Report 124-2700 and 124-4087 see Figure #15-28 for description, site sample width etc..

FIGURE NO.1
ECB CLAIM GROUP
LOCATION MAP

Scale: 1:50,000

HTS: 93B13



Area of Figure Nos. 2, 3 and 4

NAZCO
INDIAN
RESERVE 20

Nazco Cemetery (L 10134)
L 10159
L 10157
L 10159
L 10161

8084
8083

Nazco IR 21
L 10135

Marmot
Lake

L 3383
L 3398

Michelle
Creek
IR 22
L 10141

Michelle
Creek
IR 23
L 10142

8082
8081

L 3399

L 3413

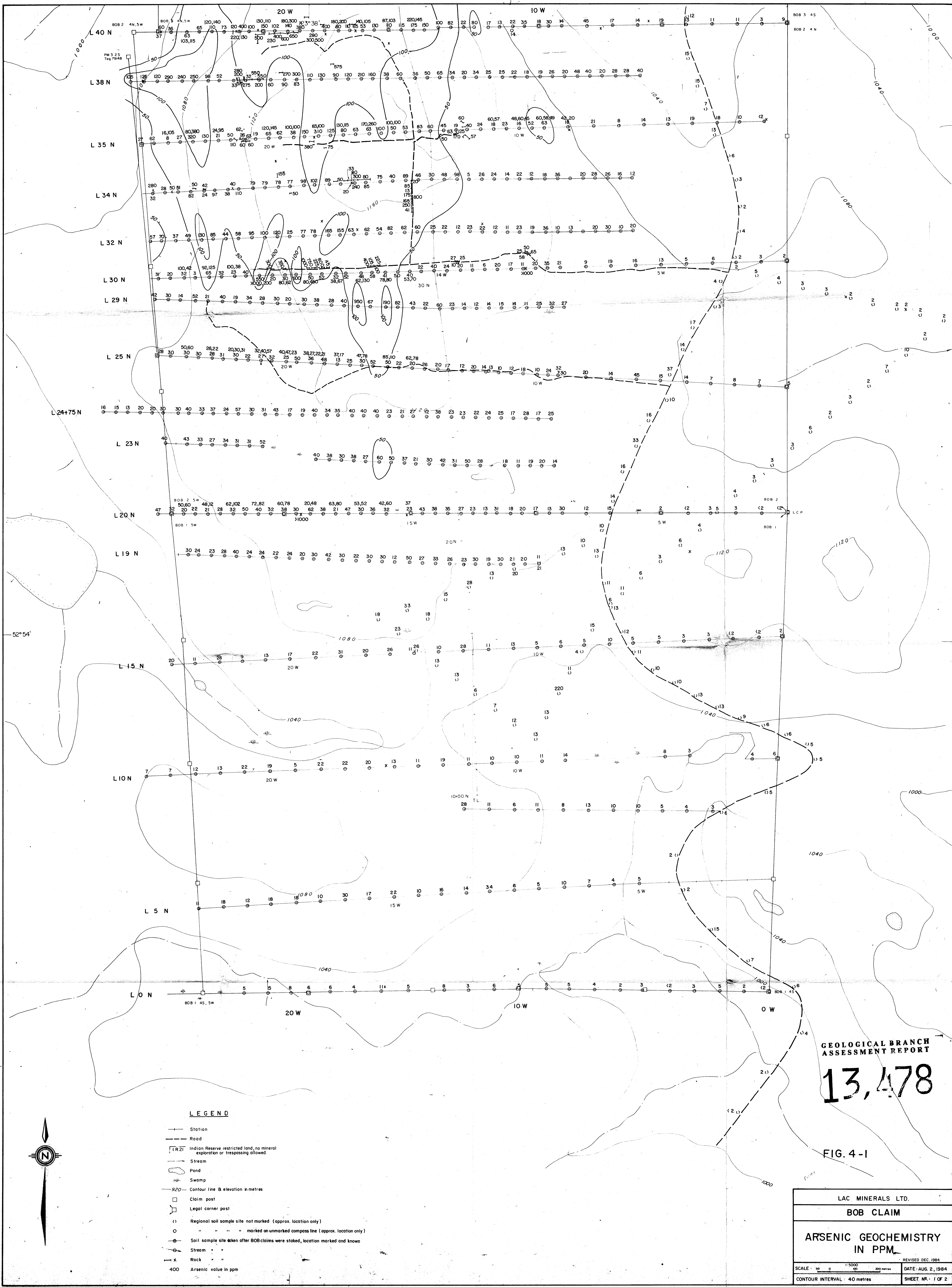
SW A14
L 3446

DP

L 3403

L 3409

L 3402



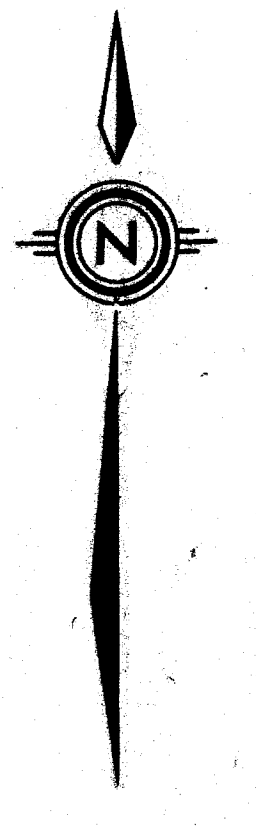
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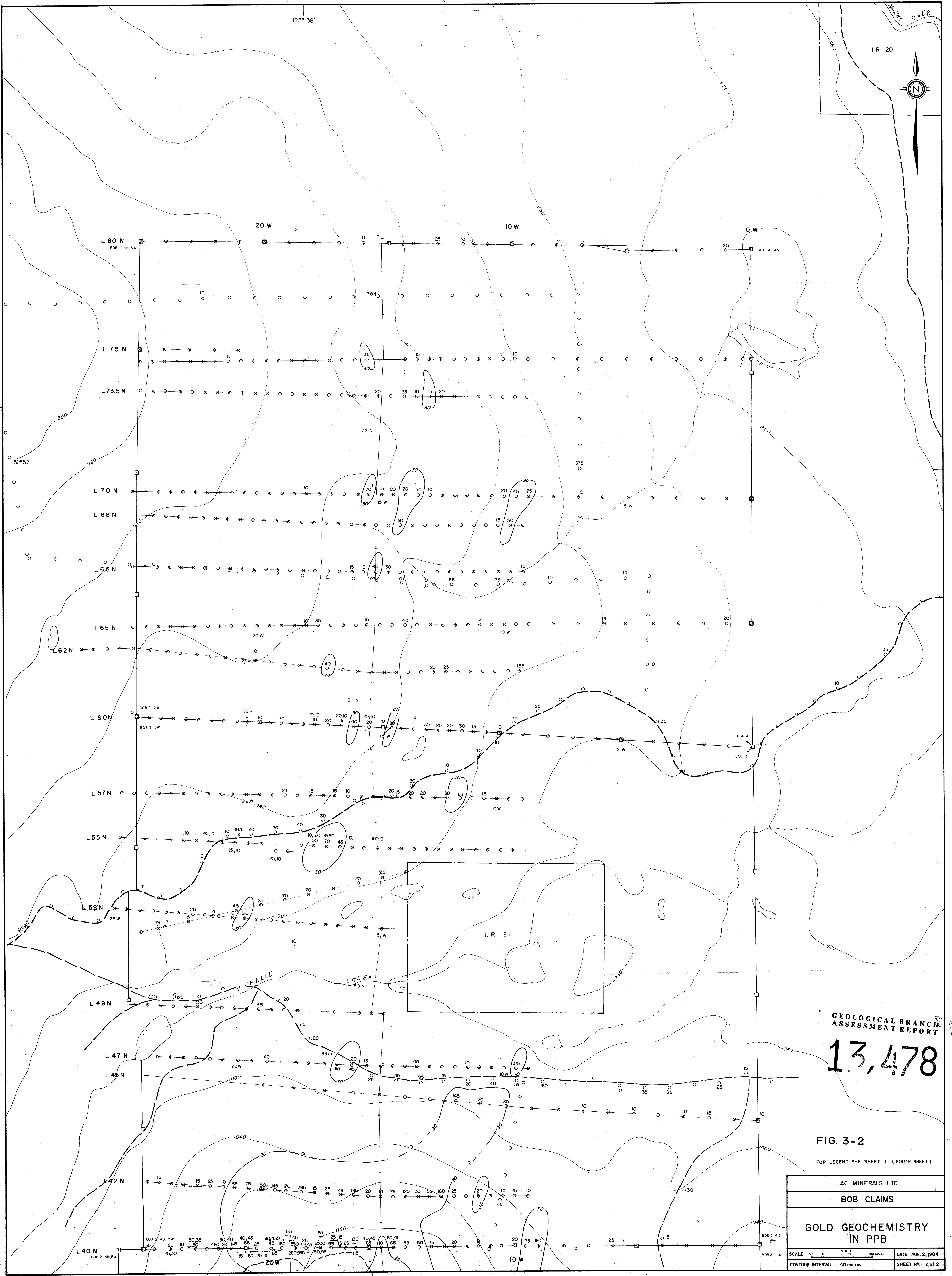
FIG. 4-1

LEGEND

- Station
- Road
- Indian Reserve restricted land, no mineral exploration or trespassing allowed.
- Stream
- Pond
- Swamp
- Contour line & elevation in metres
- Claim post
- Legal corner post
- Regional soil sample site not marked (approx. location only)
- " " " " marked on unmarked compass line (approx. location only)
- Soil sample site taken after BOB claims were staked, location marked and known
- Stream
- Rock
- 400 Arsenic value in ppm



LAC MINERALS LTD.	
BOB CLAIM	
ARSENIC GEOCHEMISTRY IN PPM	
SCALE: 1:5000	REVISED DEC. 1984
DATE: AUG. 2, 1984	SHEET NO. 1 OF 2



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FIG. 3-2

FOR LEGEND SEE SHEET 1 (SOUTH SHEET)

LAC MINERALS LTD.	
BOB CLAIMS	
GOLD GEOCHEMISTRY IN PPB	
SCALE: 1:5000	DATE: AUG. 2, 1984
CONTOUR INTERVAL: 40 metres	SHEET NO.: 2 of 2

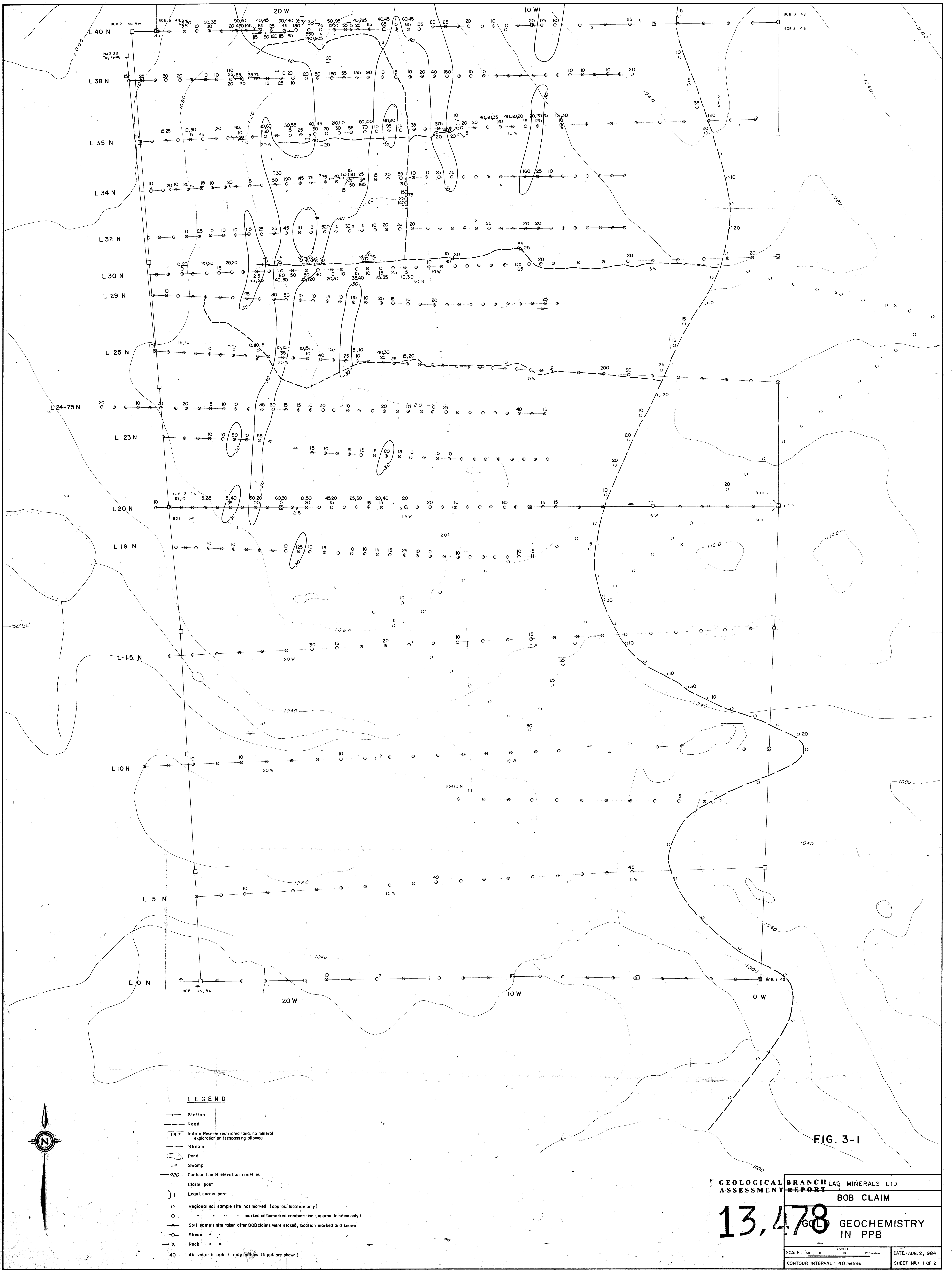


FIG. 3-1

LEGEND

- Station
- Road
- Indian Reserve restricted land, no mineral exploration or trespassing allowed
- Stream
- Pond
- Swamp
- Contour line & elevation in metres
- Claim post
- Legal corner post
- Regional soil sample site not marked (approx. location only)
- marked on unmarked compass line (approx. location only)
- Soil sample site taken after BOB claims were staked, location marked and known
- Stream
- Rock
- 40 Au value in ppb (only values >5 ppb are shown)

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ASSESSMENT REPORT

BOB CLAIM

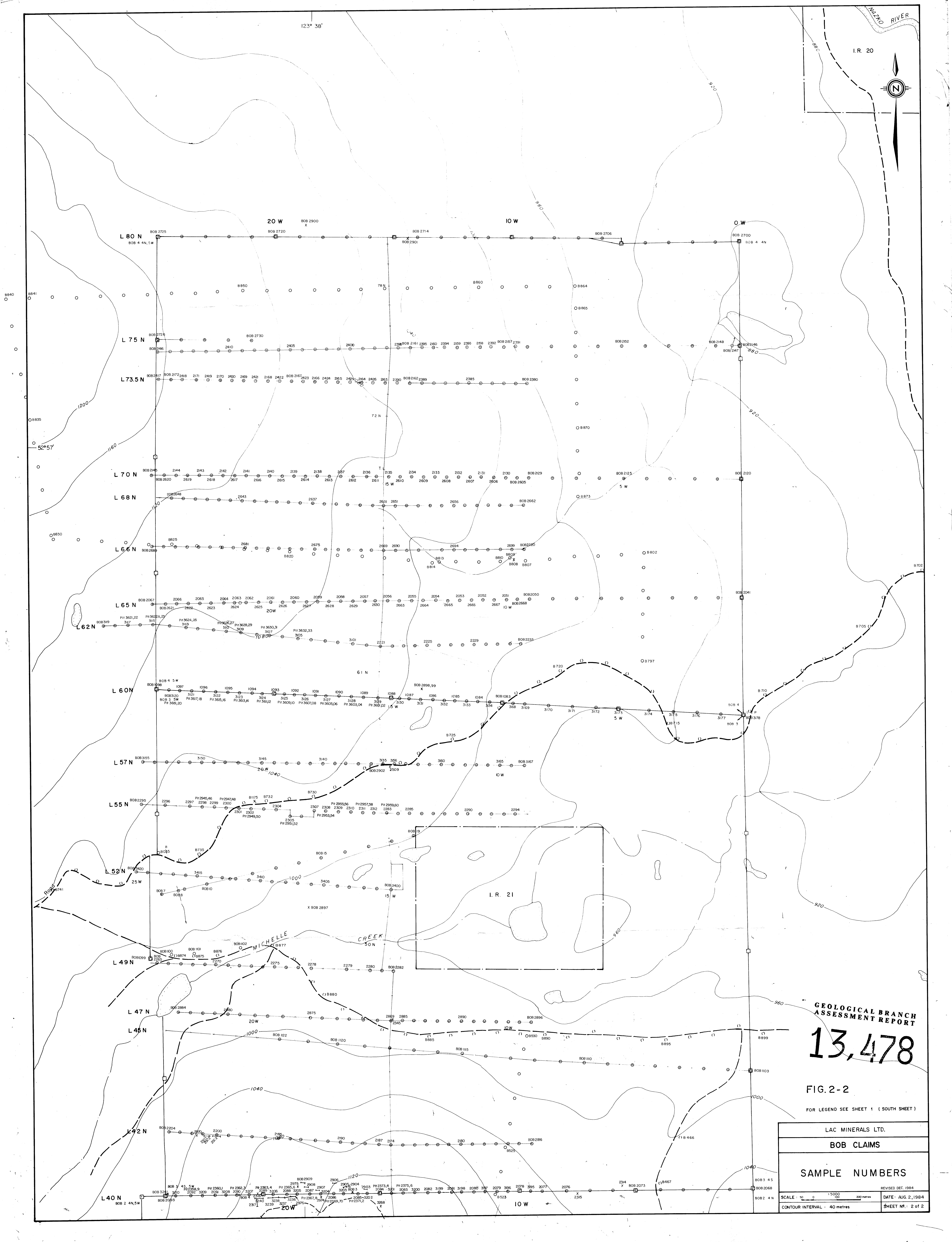
13,478

GEOCHEMISTRY
IN PPB

SCALE: 1:5000 DATE: AUG. 2, 1984
CONTOUR INTERVAL: 40 metres SHEET NO.: 1 OF 2

123° 38'

I.R. 20



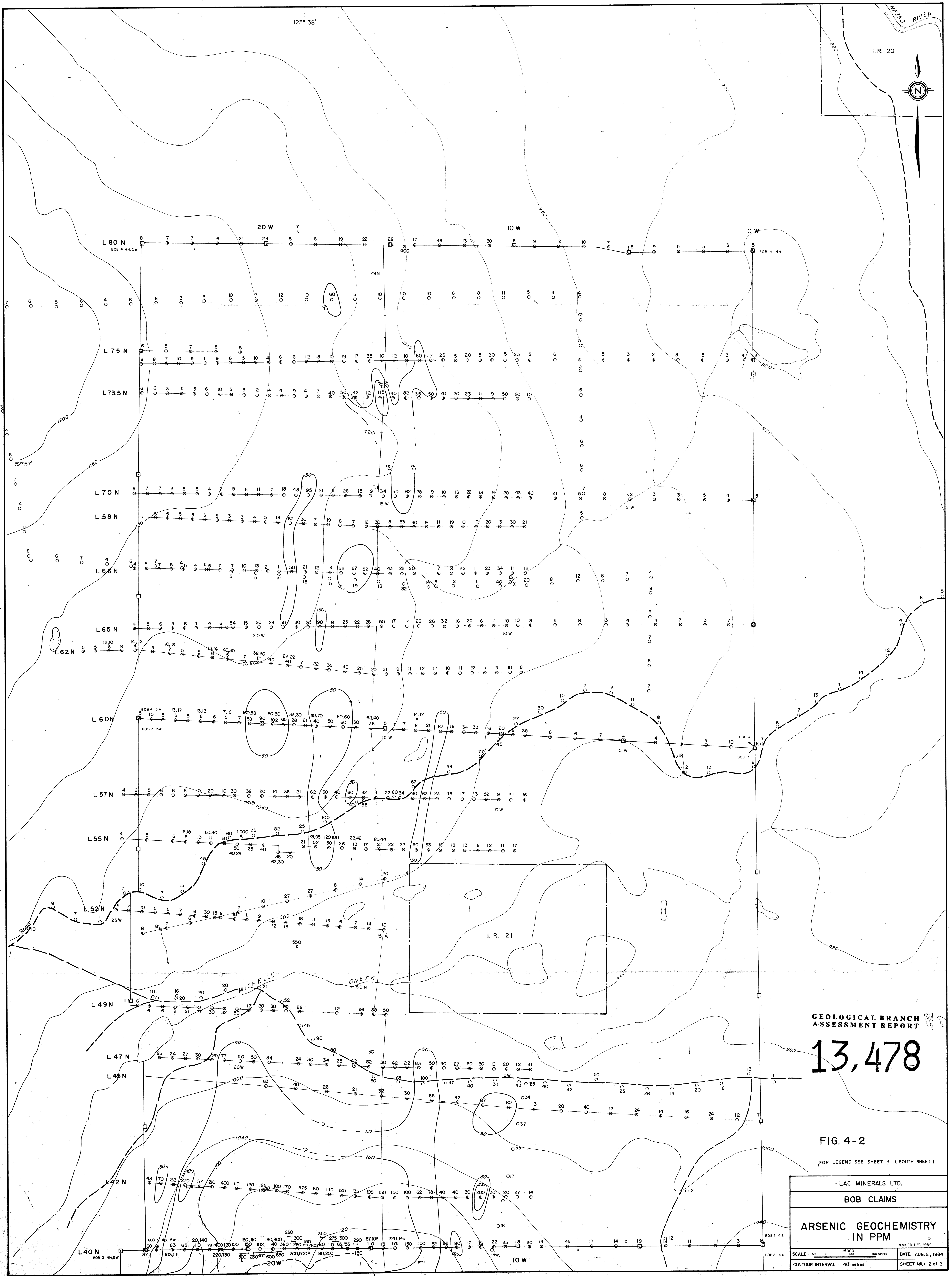
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FIG.2-2

FOR LEGEND SEE SHEET 1 (SOUTH SHEET)

LAC MINERALS LTD.	
BOB CLAIMS	
SAMPLE NUMBERS	
SCALE: 1:5000	REVISED DEC 1984
CONTOUR INTERVAL: 40 metres	DATE: AUG. 2, 1984
SHEET NO. 2 of 2	



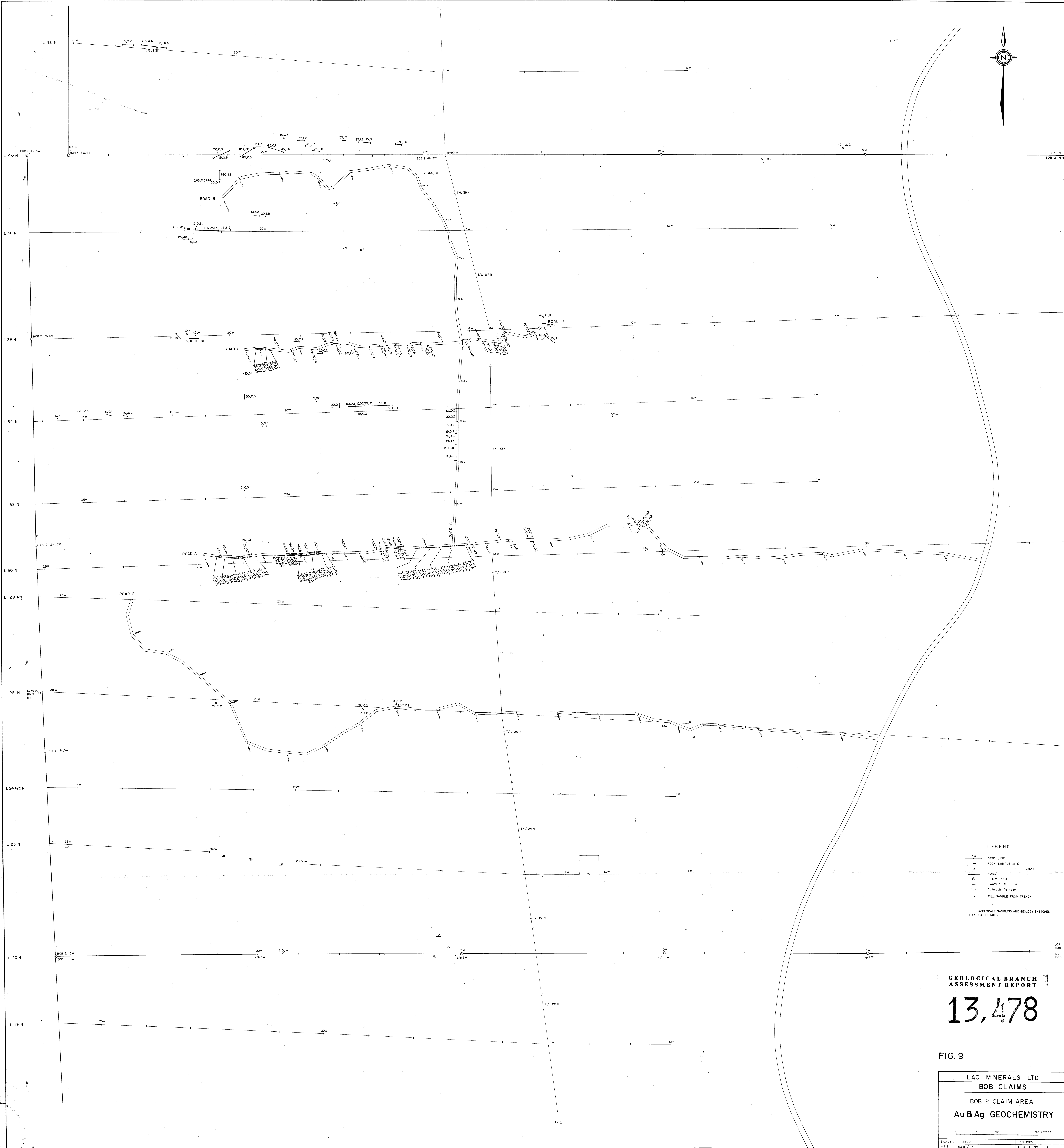
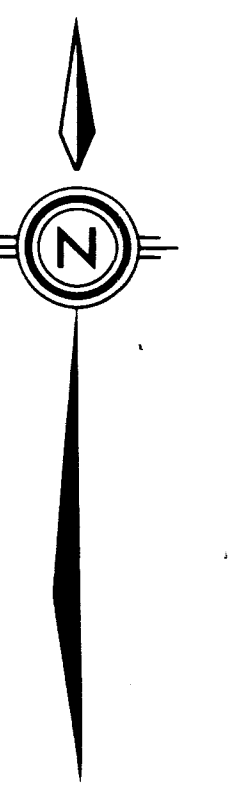
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FIG. 4-2

FOR LEGEND SEE SHEET 1 (SOUTH SHEET)

LAC MINERALS LTD.	
BOB CLAIMS	
ARSENIC GEOCHEMISTRY IN PPM	
SCALE: 1:5000	DATE: AUG. 2, 1984
CONTOUR INTERVAL: 40 metres	SHEET NO.: 2 of 2



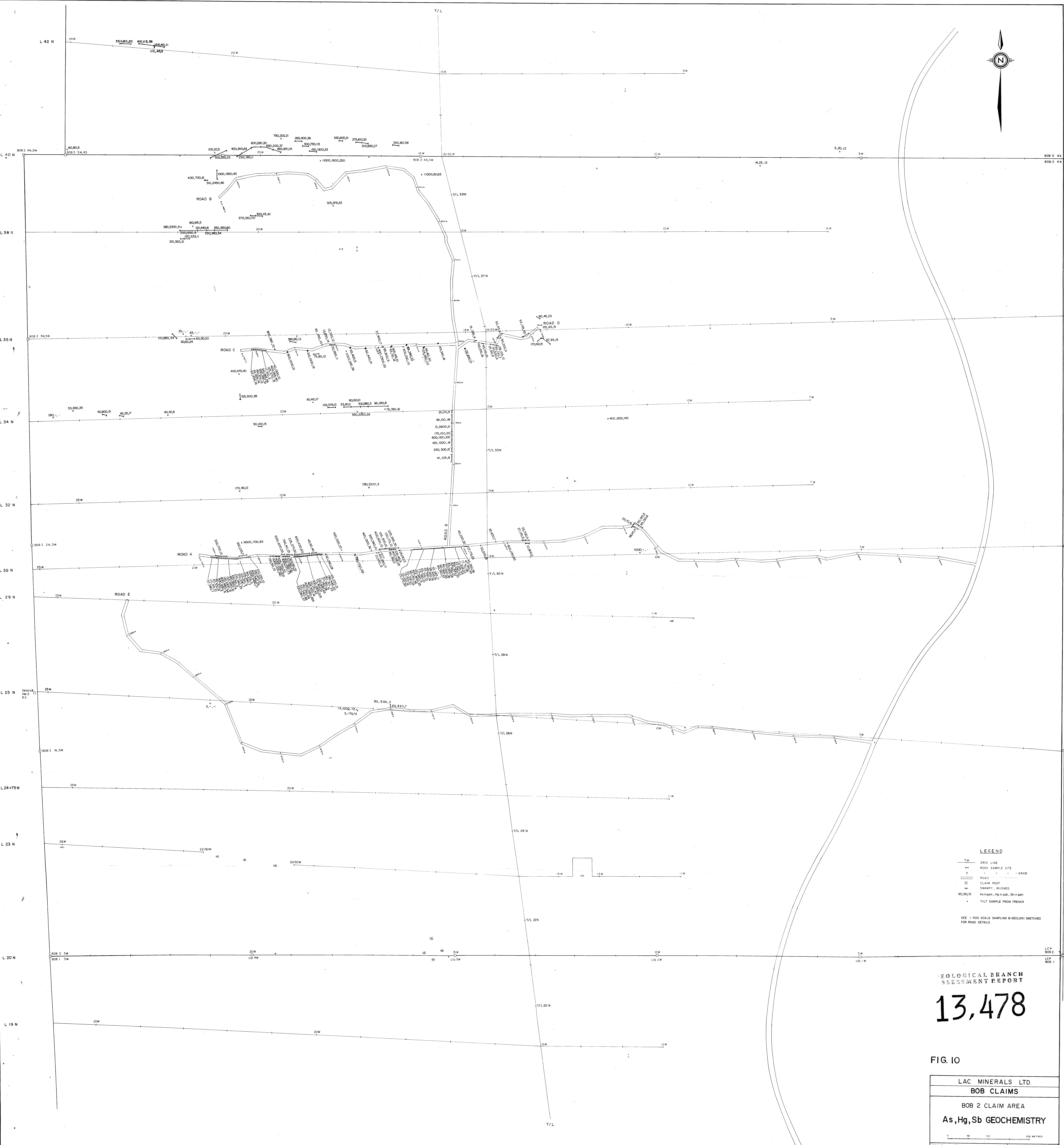
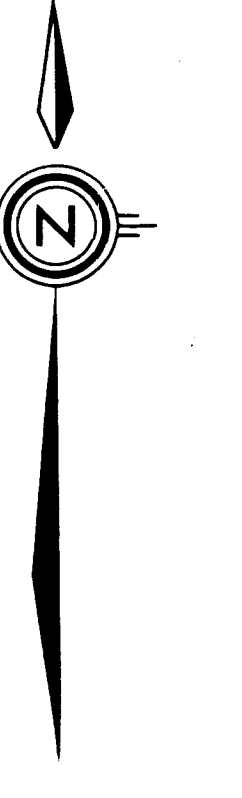
- LEGEND**
- GRID LINE
 - X ROCK SAMPLE SITE
 - ROAD
 - CLAIM POST
 - ⊞ SWAMPY - MUSKEG
 - 25.05 Au in ppb, Ag in ppm
 - TILL SAMPLE FROM TRENCH
- SEE 1:400 SCALE SAMPLING AND GEOLOGY SKETCHES FOR ROAD DETAILS

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FIG. 9

LAC MINERALS LTD.	
BOB CLAIMS	
BOB 2 CLAIM AREA	
Au & Ag GEOCHEMISTRY	
SCALE: 1:2500	
DATE: 1985	
NTS: 358/13	
FIGURE NO: 9	



LEGEND

- GRID LINE
- ROCK SAMPLE SITE
- X — GRAB
- ROAD
- CLAIM POST
- SWAMPY - MUSKEG
- 65/30/5 As ppm, Hg in ppb, Sb in ppm
- TILT SAMPLE FROM TRENCH

SEE 1:400 SCALE SAMPLING & GEOLOGY SKETCHES FOR ROAD DETAILS.

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FIG. 10

LAC MINERALS LTD.	
BOB CLAIMS	
BOB 2 CLAIM AREA	
As, Hg, Sb GEOCHEMISTRY	
SCALE 1:2500	DATE JULY 1995
NTS 33.8 / 13	FIGURE NO 10