BRITISH COLUMBIA

PROSPECTORS ASSISTANCE PROGRAM

MINISTRY OF ENERGY AND MINES

GEOLOGICAL SURVEY BRANCH

PROGRAM YEAR:	1996/1997
REPORT #:	PAP 96-57
NAME:	LAWRENCE HEWITT

BRITISH COLUMBIA
PROSPECTORS ASSISTANCE PROGRAM
PROSPECTING REPORT FORM (continued)

B. TECHNICAL REPORT

- One technical report to be completed for each project area.
- **Refer to Program Requirements/Regulations, section 15, 16 and 17.**
- If work was performed on claims a copy of the applicable assessment report may be submitted in lieu of the supporting data (*see* section 16) required with this TECHNICAL REPORT.

Name LAWRENCE Hewitt Reference Number 96/97 P122

LOCATION/COMMODITIES

Project Area (as listed in Part A) COB CLAIMS - SATURDAY MINFILE No. if applicable

Location of Project Area NTS 93L/16W Lat 54°52'N Long 126° 25'W

Description of Location and Access NW END OF FULTON LAKE, SECONDARY LOGGING ROAD OFF BABINE LAKE MAIN HAUL ROAD.

Main Commodities Searched For CU - AU

Known Mineral Occurrences in Project Area SATURDAY LAKE - CU, MO

WORK PERFORMED

1. Conventional Prospecting (area) 1½ K X 5 K. plus 20 K. ROADS.
2. Geological Mapping (hectares/scale)
3. Geochemical (type and no. of samples) SOILS, 60 SAMPLES. ROCK, 45 SAMPLES
4. Geophysical (type and line km)
5. Physical Work (type and amount)
6. Drilling (no. holes, size, depth in m, total m)
7. Other (specify)

SIGNIFICANT RESULTS

Commodities NO SIGNIFICANT RESULTS Claim Name 5 of COB-1 + COB-2

Location (show on map) Lat 54°52'W Long 126° 25'W Elevation 3,000 FT.

Best assay/sample type 10 - 15 ppb AU IN SOILS

Description of mineralization, host rocks, anomalies AU, CU - BFP - WEAK AU, 10 - 15 ppb SOIL ANOMALY 200 M X 1,000 M.

Supporting data must be submitted with this TECHNICAL REPORT

Information on this form is confidential for one year from the date of receipt subject to the provisions of the *Freedom of Information Act*.

COB PROJECT

RECONNAISSANCE PROSPECTING AND SOIL GEOCHEM REPORT

OMINECA MINING DIVISION

BRITISH COLUMBIA

NTS 93 L/16

Latitude 54 degrees 52 minutes North
Longitude 126 degrees 25 minutes West

For
B.C. PROSPECTORS ASSISTANCE PROGRAM

Reference No. 96/97 P122

By

LAWRENCE HEWITT

January 14, 1997

TABLE OF CONTENTS

List of Figures

List of Appendices

THE COB PROJECT

The Aim of the Program

The aim of the program was to investigate, by means of reconnaissance style prospecting and soil sampling, the environs of an old porphyry prospect for indications of the presence of additional mineralization satellitic to the original showing, and the existence of peripherally related gold bearing structures. As the Saturday Lake prospect was situated in an area that had been identified as having anomalous AU lake sediment geochemistry (Earle, I994), and in an area that was recognized as being geologically favorable (Bailey, 1995), it was chosen as the target.

Location, General Description and Access

The **COB** mineral claims are located on the North side of the West end of Fulton Lake, a prominent northwest trending lake about 21k South of the Bell Copper Mine. The general location is shown in Figure I and the claim configuration is shown in Figure 2. The claims are centered at about 54 52` N and 126 25` W on NTS map 93L/16 at about 3000 feet elevation, 500 feet above Fulton Lake. The topography shows a northwesterly-southeasterly grain, the results of glacial processes. The area is covered both, by a mixture of pine, spruce and fir, and low lying swamps. Travel is moderately difficult except in areas of recent logging where considerable ground disturbance and debris combines with wind-throw adjacent to clear cuts.

The claims are accessible from the town of Smithers by means of the Babine Lake road to the haul road on the North side of Fulton Lake, about 55k, and East for about 21k. The town of Smithers, about one and a half hr. drive to the south west is the nearest service centre with daily air-service to Vancouver.

Claims and Ownership

The claims comprise the **COB** mineral claims, the details of which are listed below, and are owned 50% Lawrence Hewitt and 50% by Valley Gold, a private holding company.

CLAIM NAME	RECORD #	# OF UNITS	DUE DATE
COB - 1	341110	20	26 OCT `96

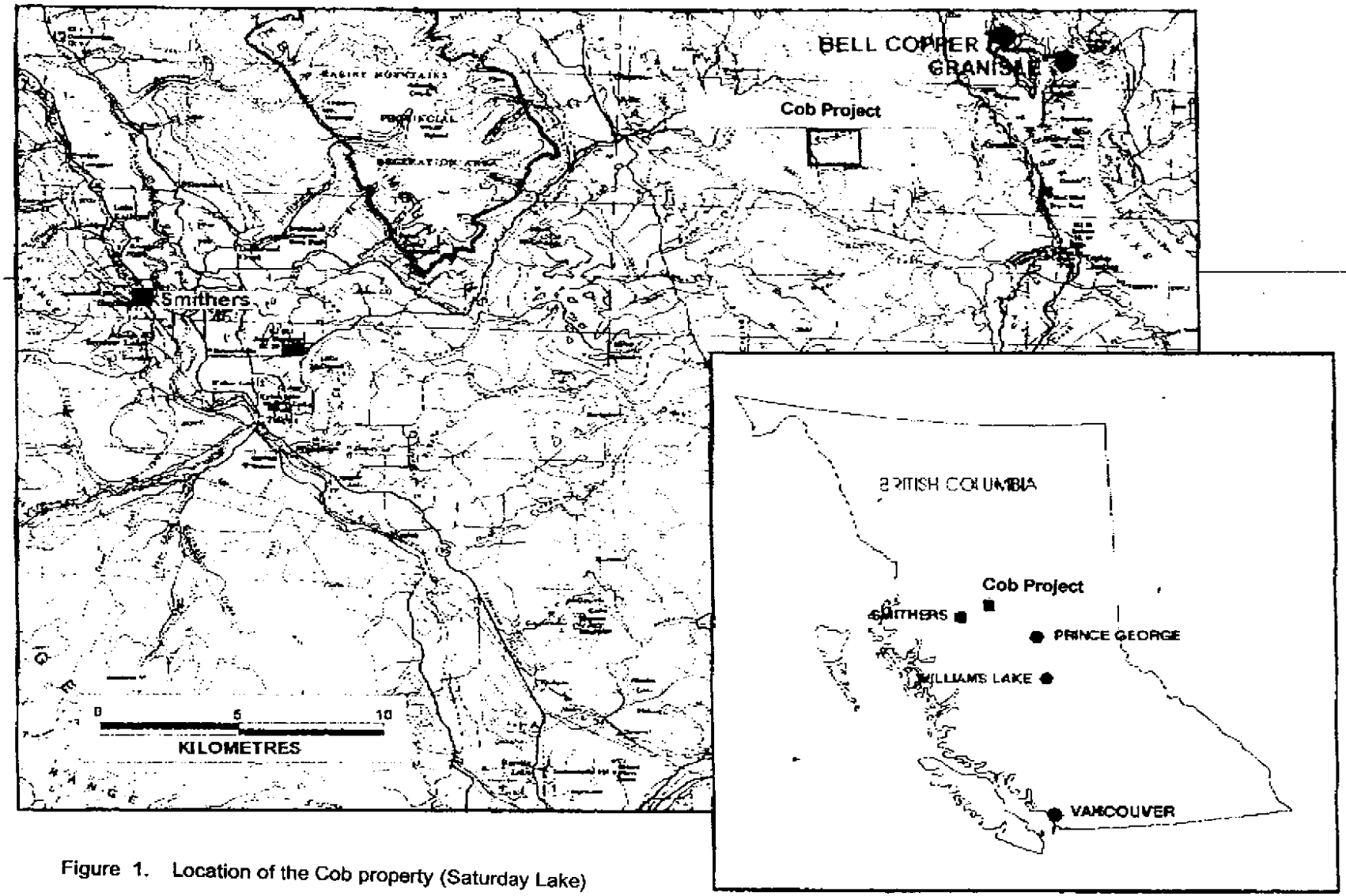


Figure 1. Location of the Cob property (Saturday Lake)

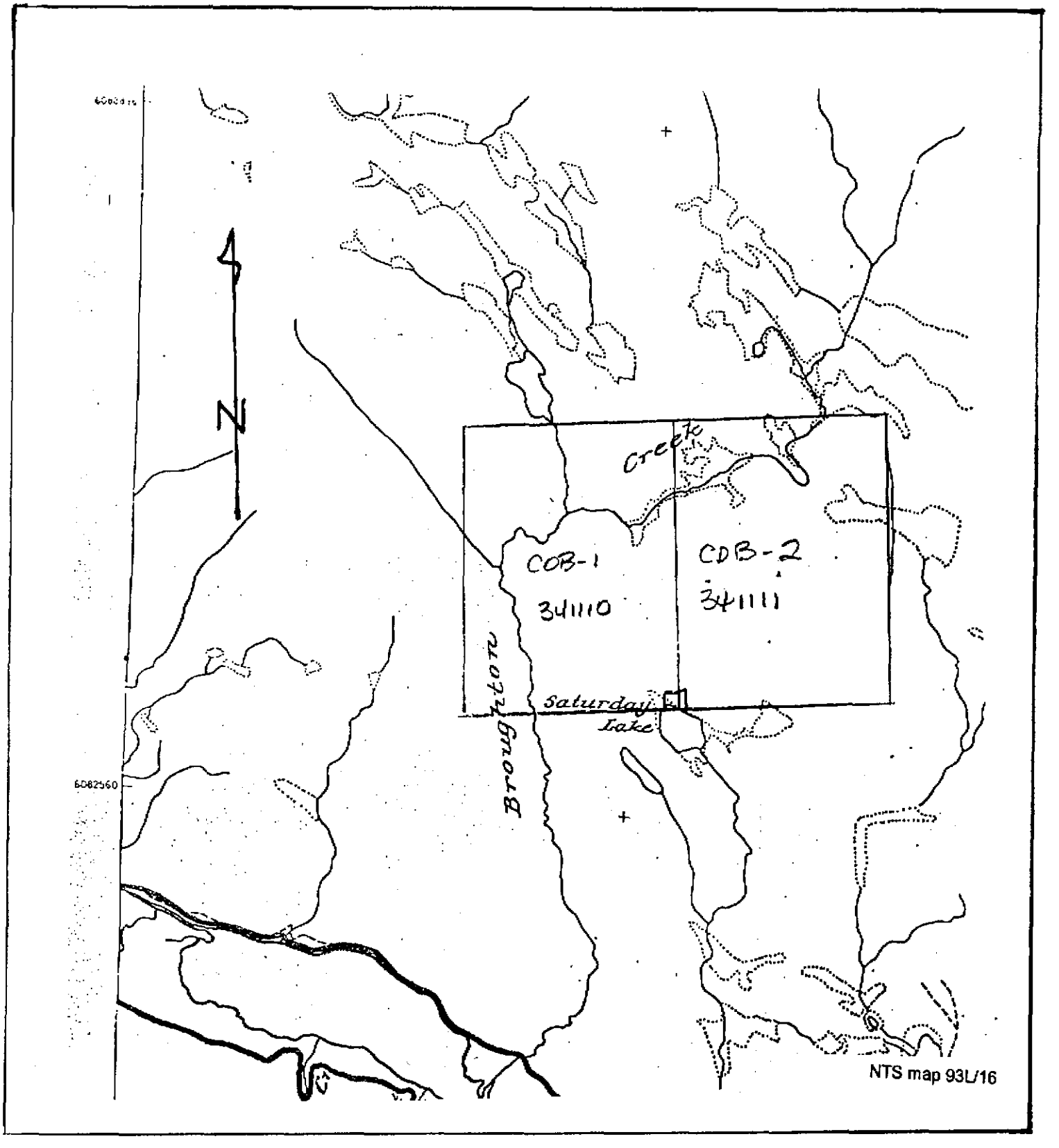


Figure 2 The Claim Map

Summary of Work

Work in the area was carried out between May 25, 26 and 28; and Sept. 17 to Oct. 2 by Lawrence Hewitt. Robin Day worked in the area Sept. 17 - Oct. 2. Kaaren Soby worked in the area Sept. 19 - 20, 25-Oct 1. The work consisted initially of several days early in the season of determining access to the various portions of the target area while looking at road cuts, and primarily of prospecting and soil sampling. A late spring, including remaining patches of snow and wet, muddy and unsettled roads precluded an early start in this area. Of the rocks collected 45 were sent for analysis. Soil sampling involved obtaining a clay rich sample from the top portion of the C Horizon. 49 soil samples were submitted for analysis. 41 man days were involved in the project of which 4 man days were committed for mob and demote.

Regional Geology

The Cob property lies within the northern Nechako Plateau area of central British Columbia. This region is largely underlain by Lower Jurassic volcanics of Eocene age and Miocene basalt. Intruding Hazelton Group strata and to some extent Eocene volcanics are porphyritic biotite quartz monzonite, quartz diorite and granodiorite of the Babine Intrusive Suite. These stocks and dyke complexes are associated with all known copper mineralization of the region.

The emplacement of the stocks and dykes of BFP is controlled by fault zones which strike north northwest. All known zones of BFP-hosted copper and copper-gold mineralization occur within this context. Three north northwest-striking fault zones have been identified, they are the zone striking through the Hautete Lake - Dorothy zones to the east of Babine Lake, the zone which includes Hearne Hill and the Morrison, and the zone along which the Bell Copper and the Granisle occur.

Geology of the Claims Area

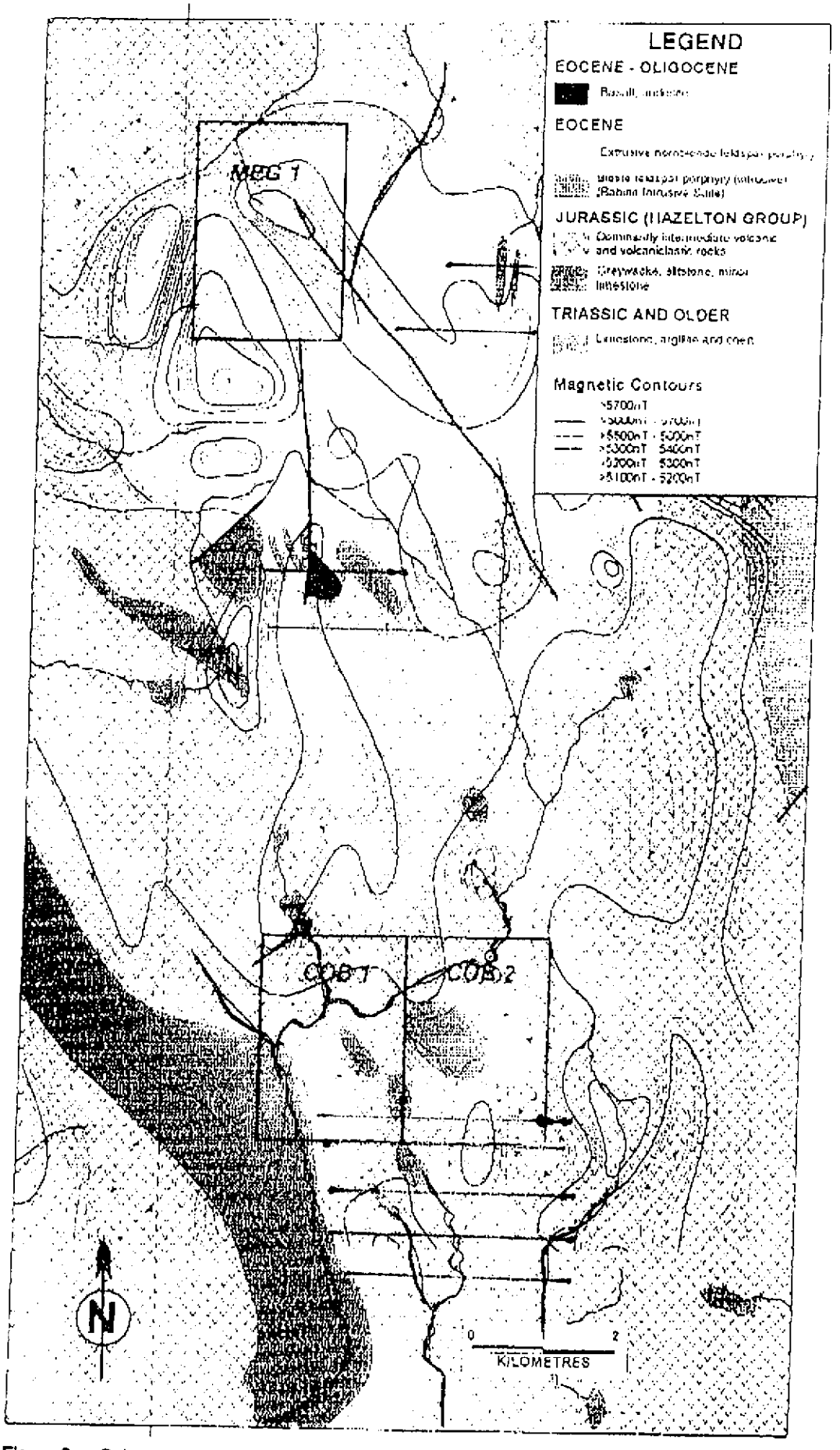


Figure 3. Cob property (Saturday Lake) Generalized geology of the area and contours of magnetic susceptibilities.

The Cob property lies to the west of the Bell Copper zone and likely lies on a fourth north northwest-striking fault zone which has not yet been completely defined by geological or geophysical mapping. Due to the widespread nature of the fluvioglacial and glacial cover, there is a scarcity of outcrop which has hindered the understanding of the geology of the Cob property. From previous work it appears that most of the property is unerlain by volcanic and sedimentary rocks of the Hazelton Group. Several outcrops of BFP have been recognized. Included as a part of the Cob Project was the southeasterly margin of a volcanic pile north of the Cob which hosted several BFP intrusions.

Geochemistry

Documented showings of copper mineralization within the area consisted of chalcopyrite and minor secondary copper minerals occurring within the pyritic zone accompanied by propylitic alteration within and adjacent to a BFP intrusion. This zone appears to be coincident with a magnetic low which suggests magnitite destructive alteration. In contrast, at the Bell and Granisle mines, magnitite is an important secondary mineral associated with the copper-gold mineralization and the ore bodies are characterized by magnetic highs. As there are magnetic highs within the Cob property it was a possibility that there would be encouraging geochemical results.

Soil samples were taken at l00m intervals at an average depth of .6 meters, there was 500m between lines. 60 samples were sent to Min-En Labs of North Vancouver for standard 31 element ICP analyses, wet-gold. Line 40, the northern most line had weakly anomalous AU at Stations 25,26,31 and 45W. Line 35 had weakly anomalous AU at Stations 26,27,28, 40 and 45W. Line 30 had, again weakly anomalous AU at Station 25,26,27, 39 and 40W. Of the anomalous samples, 13 were 10ppb and one was 15ppb. Cu values were uniformly low, ranging form a low of 17ppm to a high of 48ppm. Arsenic values were likewise low, the majority being 1ppm, and four being greater than 12ppm, to a single high of 27ppm. Zinc ranged from a low of 36ppm to a high of 119ppm. Samples averaged 1000g on submittal.

Rock samples collected and submitted for analysis numbered 45. Cu values were uniformly low, over half being 33ppm or lower. 4 samples were over 100ppm with one being a high of 449 ppm. Zinc values ranged form a low of 1 ppm to a high of 341ppm. Arsenic values were low, with over 33% running 1 ppm, 3 samples were greater than 100ppm, with a high of 144ppm. The AU values were likewise low, 39 samples being 5ppb and one being the high of 70 ppb.

Conclusions and Recommendations

A weak gold anomaly exists on the western edge of the grid area peripheral to the magnetic anomaly South of the Cob claims. The anomaly runs North-south for 1000 meters and 200 meters east-west. Singe anomalous values at the extreme eastern end of lines 40N and 35N suggests the possibilities of the development of another weak gold anomaly. Copper values are uniformly low, as are the zinc and arsenic. No coincident copper/zinc or gold/arsenic anomaly exists in the soil geochemistry.

The paucity of angular or subangular float in the grid area prevents any definitive statement being made beyond the fact that 1) all values were uniformly low, 2) no rock was found that evidenced mineralized breccia (i.e., a breccia pipe), or contained massive sulphide, 3) the magnetic highs associated with the Cob Property appear to be the result of magnetic andesite. The south eastern margin of the volcanic pile to the north of the Cob was similarly disappointing.

In light of the uniformly low values of the geochemistry and the weakness of the gold anomaly no further work is recommended.

Actively prospecting for the past twelve years.
Petrology for Prospectors, Smithers - 1992
Kamloops - 1993
Smithers - 1994
Biogeochemical Sampling short course, Spokane - l993
Prospecting in Driftcovered and Mountainous Terrain short course, Vancouver - 1994
Enzyme Leach Method For Geochemical Sampling short course, Vancouver - 1994
Ore Deposit Models short course, Vancouver - l996

Prospecting Assistants:

Robin Day, BSC
Actively prospecting since receiving degree in Geology in 1976.
Prospecting in Driftcovered and Mountainous Terrain short course, Vancouver - 1994
Ore Deposit Models short course, Vancouver - 1996

Kaaren Soby, BA
Actively prospecting for the past eight years.
Advanced Prospecting Course, Cowichan Lake -l988
Petrology for Prospectors, Smithers - 1992
Kamloops - 1993
Smithers - 1994
Biogeochemical Sampling short course, Spokane - l993

Bibliography

Bailey, D.; 1995: Summary Report: The Cob (Saturday Lake) Prospect, British Columbia: **Unpublished geological report dated November 15, l995.**

Earle, E.; 1994: Lake Sediment Geochemistry Versus Stream Sediment Geochemistry For Regional Mineral Exploration In The Interior Plateau Of British Columbia. *In* **Drift Exploration in Glaciated and Mountainous Terrain (A short course presented during the Cordilleran Roundup `94) Environmental Geology Section, British Columbia Geological Survey Branch, Ministry of Energy, Mines and Petroleum Resources, p 194 - 204.**

APPENDIX 1

ROCK SAMPLE DESCRIPTIONS

LR-96-01	CARBONATE-QUARTZ ALTERATION, WITH SALADINITE? SHEARED, SOME IRON CARBONATE.
LR-96-02	QUARTZ CARBONATE BRECCIA AND VEIN BOULDER, NO APPARENT SULPHIDE.
LR-96-03	WEAKLY MAGNETIC BIOTITE QUARTZ MONZONITE.
LR-96-04	CARBONATE ALTERED VOLCANIC WITH 2% DISSEMINATED PYRITE.
LR-96-05	CHERTY HORNFELS WITH 1% DISSEMINATED PYRITE.
LR-96-06	CHERTY HORNFELS, MINOR CARBONATE, 1-2% DISSEMINATED PYRITE
NOTE:	OBSERVED BOULDER OF AGGLOMERATE-HEMATITE ALTERED, CONTAINS ANGULAR AND ROUNDED CLASTS UP TO 6cm IN SIZE.
NOTE:	UNALTERED, UNMINERALIZED QUARTZ-BIOTITE MONZONITE; CARBONATE, HEMATITE ALTERED VOLCANICS OBSERVED IN FLOAT ALONG ROADS IN CUT BLOCK; MINOR LIMESTONE.
LR-96-07	QUARTZ, IRON CARBONATE VEIN IN COBBLE ABOUT 12cm
LR-96-08	MODERATE BIOTITE ALTERED VOLCANIC, .5% DISSEMINATED PYRITE, WEAK CARBONATE ALTERATION.
LR-96-09	SKARN, 3-5% PYRITE, BLEBS OF MAGNETITE, ORIGINALLY LIMEY SILTSTONE.
LR-96-10	QUARTZ-IRON-CARBONATE VEIN ROCK, FLOAT.
NOTE:	AREA SOUTH OF CAMP TO CLEAR CUT, ABOUT 800m, NO SULPHIDE FLOAT FOUND; UN-ALTERED QUARTZ MONZONITE HEMATITE ALTERED VOLCANICS, TUFFS, MINOR LIMESTONE.

LR-96-11 SILICEOUS FELDSPAR PORPHYRY, ABOUT 1% DISSEMINATED PYRITE.

KR-96-01 WEAK CARBONATE ALTERATION, ABOUT .5% DISSEMINATED PYRITE IN PORPHYRITIC ANDESITE?

LR-96-12 MODERATE CARBONATE ALTERATION, QUARTZ FELDSPAR PORPHYRY WITH ABOUT 1% DISSEMINATED PYRITE- SOME MINOR GREY (CU ?) SULPHIDE.

KR-96-02 AS ABOVE

LR-96-13 1-2% FINE DISSEMINATED PYRITE IN HORNFELSED (SILICEOUS) DARK GREY SILTSTONE.

KR-96-03 WEAK CARBONATE ALTERATION, .5% DISSEMINATED PYRITE, TRACE GREY (CU?) SUPHIDE.

LR-96-14 UNALTERED, HORNBLENDE-QUARTZ-MONZONITE WITH MAGNETITE, SUB-ANGULAR TO SUB-ROUNDED-MAY BE EXPLANATION OF MAG ANOMOLY.

NOTE: .5 METER SUB-ANGULAR TO SUB-ROUNDED MAGNETIC ANDESITE/DIORITE BOULDER AT ABOUT 250m - COULD ALSO BE ROCK TYPE CAUSING AIRBORNE MAG ANOMALY.

NOTED: MAGNETIC ANDESITE BOULDER, 30cm, SUB-ANGULAR, 170m FROM START OF SKID ROAD.

LR-96-15 FELDSPAR PORPHYRY?, SILICIFIED WITH DISSEMINATED AND STRINGER PYRITE.

KR-96-04 BIOTITE, CHLORITE ALTERED QUARTZ FELDSPAR PORPHYRY WITH MINOR DISSEMINATED PYRITE.

NOTE: LARGE BOULDERS OF HORNBLENDE FELDSPAR PORPHYRY IN LOGGING BLOCK - VOLCANIC EQUIVALENTS OF INTRUSIVE; HEMATITE ALTERED VOLCANICS.

LR-96-16 QUARTZ-CARBONATE ALTERED TUFF WITH ABOUT 1% DISSEMINATED PYRITE.

LR-96-17 MODERATELY CARBONATE ALTERED FELDSPAR PORPHYRY WITH ABOUT 1% DISSEMINATED PYRITE.

LR-96-18 SILICIFIED FELDSPAR PORPHYRY WITH 10 - 20% FINE PYRITE-RUSTY BOULDER, ABOUT 30 cm.

KR-96-05 CARBONATE BRECCIA WITH 2-3% DISSEMINATED PYRITE.

KR-96-06 SILICIFIED ARGILLITE WITH ABOUT 1% DISSEMINATED PYRITE.

LR-96-19 CARBONATE ALTERATION, WEAK SERICITE ALTERATION, WITH ABOUT 1% DISSEMINATED PYRITE IN A FELDSPAR PORPHYRY.

KR-96-07 IRON-CARBONATE ALTERED FELDSPAR PHORPHYRY WITH 1% DISSEMINATED PYRITE, WEATHERED.

KR-96-08 HEMATITE-CARBONATE ALTERED INTRUSIVE? WITH TRACE PYRITE.

LR-96-20 SUBCROP OF INTENSE CARBONATE-SERICITE ALTERATION IN FELDSPAR PORPHYRY?, TRACE OF PYRITE.

KR-96-09 FINE GRAINED QUARTZ-CARBONATE WITH GYPSUM ON FRACTURES, ALSO MINOR PYRITE.

KR-96-10 CARBONATE ALTERED FELDSPAR PORPHYRY WITH 2-3% DISSEMINATED PYRITE.

KR-96-11 WEATHERED BFP WITH L5% DISSEMINATED PYRITE.

LR-96-21 SILICIFIED (TUFF?) WITH ABOUT 1% DISSEMINATED PYRITE.

LR-96-22 WEATHERED BFP.

LR-96-23 ANDESITE BRECCIA WITH 2% STRINGER PYRITE, SILICIFIED.

KR-96-12 ARGILLIC ALTERED FELDSPAR PORPHYRY.

KR-96-13 BASALT WITH MAGNETITE.

KR-96-14 SILICIFIED FELDSPAR PORPHYRY WITH .5 % DISSEMINATED

PYRITE.

KR-96-15 SILICIFIED ANDESITE WITH .5% DISSEMINATED PYRITE - SINGLE BLEB OF CHALCOPYRITE.

RR-96-01 PYRITIC (~1%) FELSIC TUFF, ANGULAR.

RR-96-02 WEAKLY SILILCIFIED FELSIC TUFF, .5% PYRITE.

KR-96-16 ANDESITE, MINOR PYRITE.

KR-96-17 WEAK CARBONATE ALTERED FELDSPAR PORPHYRY WITH MINOR PYRITE.

RR-96-03 SILICIFIED TUFF WITH ABOUT 3% DISSEMINATED PYRITE.

LR-96-24 EXTRUSIVE HORNBLENDE FELDSPAR PORPHYRY.

KR-96-18 SILLICIFED TUFF, .5% DISSEMINATED PYRITE.

APPENDIX 2

ROCK AND SOIL SAMPLE ANALYTICAL RESULTS

COMP: HEWITT CO & ASSOC.
PROJ: COB
ATTN: Larry Hewitt

MIN-EN LABS — ICP REPORT

8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8
TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 6S-0202-RJ1
DATE: 96/10/
* * (ACT:F3

SAMPLE NUMBER	AG PPM	AL %	AS PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	GA PPM	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SN PPM	SR PPM	TH PPM	TI %	U PPM	V PPM	W PPM	ZN PPM	Au-wet PPB
KR-96-01	1.6	3.62	1	104	.1	1	4.06	.1	28	23	135	6.34	1	.02	33	1.79	1600	20	.05	26	650	1	12	9	19	1	.27	1	151.7	1	58	5
KR-96-02	.3	.93	66	168	.1	1	.70	.1	16	43	7	2.55	1	.03	8	1.23	554	8	.05	20	1240	1	1	4	29	1	.01	1	70.3	1	228	5
KR-96-03	.2	.37	1	230	.1	1	1.60	.1	8	45	24	2.27	1	.24	2	.39	1463	7	.02	13	690	1	1	3	17	1	.01	1	9.6	1	46	5
KR-96-04	.2	.76	1	73	.1	1	1.05	.1	6	64	13	2.45	1	.12	5	.47	989	8	.03	17	770	1	3	3	17	1	.01	1	43.4	3	33	5
KR-96-05	.5	.32	1	42	.1	1	7.41	.1	15	26	25	3.81	1	.05	3	.48	764	9	.04	20	650	1	1	5	10	1	.01	1	48.2	1	19	10
KR-96-06	.7	5.20	42	330	.1	1	2.99	.1	18	59	55	3.82	1	.79	14	.98	519	20	.59	25	1210	27	33	5	234	1	.06	1	95.6	1	128	5
KR-96-07	.1	.40	1	76	.1	1	1.01	.1	8	59	19	3.03	1	.19	1	.07	1041	10	.02	13	1370	12	5	3	16	1	.01	1	6.9	1	46	5
KR-96-08	.3	.40	49	350	.1	1	2.21	.1	6	36	5	1.30	1	.14	1	.42	612	4	.04	10	460	1	1	2	216	1	.01	1	21.4	1	28	5
KR-96-09	.9	.19	144	79	.1	1	6.82	.1	14	42	20	3.09	1	.01	1	2.73	1151	9	.05	37	30	1	1	5	99	1	.01	1	14.4	1	91	5
KR-96-10	.7	.24	13	134	.1	3	2.43	.1	7	46	449	1.93	1	.11	1	.42	921	6	.04	12	190	1	1	3	11	1	.01	1	16.6	1	66	5
KR-96-11	.1	.96	1	186	.1	1	.25	.1	8	29	20	3.00	1	.21	3	.34	107	8	.06	12	920	1	4	3	70	1	.04	1	32.2	1	20	5
KR-96-12	.7	1.34	90	219	.1	1	1.72	.1	14	34	20	3.51	1	.11	12	1.24	2209	11	.03	30	1180	87	2	5	49	1	.01	1	69.0	1	341	5
KR-96-13	.7	1.40	105	107	.1	1	1.27	.1	15	89	33	3.09	1	.07	9	1.75	534	13	.09	28	1090	1	1	5	73	1	.10	1	89.7	1	65	5
KR-96-14	1.0	.54	1	143	.1	1	1.75	.1	10	30	39	2.62	1	.12	4	.61	626	9	.03	15	1020	1	1	3	54	1	.01	1	10.2	1	22	5
KR-96-15	.1	1.39	1	26	.1	1	2.38	.1	45	49	107	6.48	1	.03	6	.55	1640	17	.04	28	1080	1	5	8	2	1	.01	1	54.7	1	12	5
KR-96-16	.1	.66	1	40	.1	1	1.19	.1	25	48	3	3.93	1	.05	4	.69	664	12	.04	19	960	1	1	4	15	1	.01	1	4.4	1	11	5
KR-96-17	.3	.21	1	39	.1	1	.06	.1	3	85	4	2.62	1	.15	1	.09	2085	11	.01	15	20	10	3	3	1	1	.01	1	1.1	4	186	5
KR-96-18	1.0	2.23	1	144	.1	7	.21	.1	15	73	143	4.24	1	.82	22	.93	322	13	.05	21	390	1	9	5	24	1	.23	1	150.9	3	35	5
LR-96-01	.1	.28	1	260	.1	1	1.20	.1	11	51	4	3.42	1	.13	1	.07	1827	8	.03	16	520	3	2	4	16	1	.01	1	22.4	1	51	5
LR-96-02	.3	.11	84	45	.1	1	2.21	.1	4	137	12	1.79	1	.02	1	.53	428	12	.02	35	260	1	1	2	97	1	.01	1	60.2	7	47	5
LR-96-03	.6	.90	11	273	.1	1	.58	.1	9	48	17	2.31	1	.20	19	.69	343	8	.06	14	1000	1	1	3	85	1	.09	1	48.9	2	54	5
LR-96-04	.3	.23	3	352	.1	1	2.09	.1	4	61	6	1.30	1	.20	1	.12	1137	4	.03	9	180	2	2	2	82	1	.01	1	4.0	2	11	5
LR-96-05	.2	.46	1	209	.1	1	.27	.1	2	69	4	1.02	1	.11	9	.05	449	9	.04	5	150	10	7	1	36	5	.01	1	1.9	3	21	5
LR-96-06	.5	.23	1	89	.1	1	1.04	.1	3	60	76	.97	1	.12	1	.10	127	4	.03	5	220	7	1	1	94	6	.01	1	1.1	2	86	5
LR-96-07	.1	.18	32	53	.1	1	.50	.1	3	193	9	1.41	1	.02	1	.23	565	5	.03	21	290	5	1	1	53	1	.01	1	24.7	10	49	5
LR-96-08	.1	1.29	18	192	.1	1	1.04	.1	14	79	23	3.85	1	.09	9	1.24	617	12	.07	24	1000	1	1	5	45	1	.02	1	50.8	1	74	5
LR-96-09	.1	2.64	1	85	.1	1	2.82	.1	16	47	28	6.41	1	.03	17	1.63	2707	25	.06	37	910	1	8	8	30	1	.06	1	81.3	1	95	5
LR-96-10	.2	.26	141	42	.1	1	2.32	.1	6	122	8	1.67	1	.02	2	1.01	507	10	.03	38	290	1	1	3	291	1	.01	1	82.4	6	198	5
LR-96-11	.1	.49	2	213	.1	1	.73	.1	4	99	53	1.41	1	.13	4	.17	119	7	.05	8	240	5	2	1	42	4	.01	1	4.4	4	25	5
LR-96-12	.1	.30	1	312	.1	1	1.31	.1	6	56	57	1.65	1	.11	1	.15	862	5	.03	11	590	2	1	2	38	1	.01	1	8.8	2	238	5
LR-96-13	.4	2.00	86	39	.1	1	.42	.1	13	49	49	3.76	1	.16	26	1.35	369	12	.04	27	740	1	6	5	30	1	.03	1	35.5	1	104	5
LR-96-14	.3	.75	17	201	.1	1	.51	.1	8	50	15	2.14	1	.12	17	.56	266	7	.06	11	1000	1	1	3	51	1	.07	1	44.9	2	38	5
LR-96-15	.6	.11	1	34	.1	1	.02	.1	4	133	8	3.64	1	.11	1	.02	608	30	.01	15	10	15	4	3	1	1	.01	1	1.2	6	309	25
LR-96-16	.1	.22	1	77	.1	1	.39	.1	3	122	4	1.07	1	.08	1	.01	206	3	.05	8	120	3	2	1	4	1	.01	1	3.5	6	13	5
LR-96-17	.3	.26	1	91	.1	1	1.39	.1	8	105	4	1.15	1	.10	1	.11	487	7	.05	9	220	1	2	1	22	1	.01	1	3.0	5	10	5
LR-96-18	.1	.23	1	51	.1	1	.01	.1	9	41	33	5.45	1	.04	2	.01	26	13	.02	16	10	11	3	5	34	1	.01	1	8.0	1	1	5
LR-96-19	.3	.30	7	51	.1	1	1.53	.1	6	107	16	1.89	1	.07	2	.31	596	7	.05	14	670	1	1	2	82	1	.01	1	17.6	5	30	5
LR-96-20	.5	2.32	77	45	.1	1	2.70	.1	7	26	24	1.79	1	.02	11	.62	508	9	.08	13	390	1	16	3	84	1	.01	1	38.5	1	34	5
LR-96-21	.9	.18	7	105	.1	1	.03	.1	2	180	11	1.55	1	.21	1	.01	75	4	.01	11	20	41	2	1	8	1	.01	1	1.1	9	10	70
LR-96-22	.3	1.01	46	143	.1	1	2.13	.1	8	22	12	2.06	1	.12	5	.70	1079	7	.04	17	930	1	3	3	45	1	.02	1	47.6	1	67	5
LR-96-23	1.1	5.19	1	56	.1	1	3.94	.1	19	28	519	6.91	1	.08	4	.25	232	21	.24	18	1110	42	53	8	193	1	.05	1	92.0	1	23	40
LR-96-24	.5	.83	36	191	.1	4	.69	.1	8	54	18	1.85	1	.16	2	.49	258	10	.13	11	1160	1	4	2	95	1	.08	1	44.5	3	33	5
RR-96-01	1.1	.24	31	103	.1	1	.04	.1	2	98	5	1.64	1	.20	1	.01	31	4	.01	7	20	3	4	1	7	1	.01	1	1.7	4	6	5
RR-96-02	.1	.46	1	278	.1	1	.43	.1	8	50	13	1.81	1	.16	4	.06	700	8	.03	18	870	2	6	2	20	1	.01	1	14.8	2	56	5
RR-96-03	.1	.90	1	94	.1	1	.14	.1	13	79	144	2.22	1	.11	7	.29	93	9	.02	17	390	1	5	2	14	1	.01	1	6.1	3	14	15

COMP: HEWITT CO & ASSOC.
PROJ: COB
ATTN: Larry Hewitt

MIN-EN LABS — ICP REPORT

8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8
TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 6S-0202-SJ1+
DATE: 96/10/1
* * (ACT:F31

SAMPLE NUMBER	AG PPM	AL %	AS PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	GA PPM	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SN PPM	SR PPM	TH PPM	TI %	U PPM	V PPM	W PPM	ZN PPM	Au-wet PPB
L30N 25W	.2	1.21	1	173	.1	1	1.08	.1	11	17	23	2.54	1	.03	9	.53	742	10	.03	19	830	11	5	3	68	1	.04	1	53.3	1	62	10
L30N 26W	.5	1.75	1	304	.1	1	1.19	.1	9	22	51	2.92	1	.03	11	.53	637	11	.02	25	650	5	8	3	65	1	.03	1	58.3	1	66	10
L30N 27W	.4	1.15	1	177	.1	1	.77	.1	7	16	16	1.96	1	.02	6	.42	446	7	.02	17	490	1	6	2	48	1	.04	1	43.3	1	47	10
L30N 28W	.2	1.87	1	350	.1	1	.59	.1	10	17	27	3.12	1	.02	11	.51	1411	11	.02	21	240	6	10	4	28	1	.05	1	63.3	1	84	5
L30N 29W	.4	1.09	1	155	.1	1	.63	.1	6	14	13	2.04	1	.02	8	.37	438	7	.02	15	430	2	5	3	34	1	.05	1	46.6	1	49	5
L30N 30W	.2	2.41	1	221	.1	1	.26	.1	12	20	33	3.39	1	.02	9	.54	404	12	.01	24	570	2	14	4	24	1	.06	1	73.2	1	67	5
L30N 31W	.6	1.91	1	204	.1	1	1.13	.1	16	30	40	4.35	1	.03	13	1.12	504	13	.02	29	1010	1	4	5	54	1	.08	1	90.5	1	87	5
L30N 32W	.2	1.86	1	217	.1	1	.33	.1	12	17	24	3.00	1	.04	7	.45	1204	10	.01	21	940	12	11	4	28	1	.05	1	64.0	1	89	5
L30N 33W	.4	1.45	1	222	.1	1	.70	.1	9	18	25	2.47	1	.02	8	.44	480	8	.02	19	410	3	8	3	46	1	.06	1	57.4	1	58	5
L30N 34W	.2	1.66	1	178	.1	1	.23	.1	9	16	20	2.73	1	.03	8	.40	476	9	.01	19	870	10	9	3	27	1	.04	1	56.8	1	77	10
L30N 35W	.1	2.23	1	273	.1	1	.26	.1	11	19	28	3.32	1	.03	10	.51	381	11	.01	23	790	1	12	4	28	1	.04	1	72.8	1	68	10
L30N 36W	.2	1.99	1	237	.1	1	.36	.1	12	18	35	3.28	1	.02	9	.52	429	11	.02	24	790	3	10	4	30	1	.05	1	74.9	1	62	5
L30N 37W	.3	1.28	1	155	.1	1	.37	.1	9	14	24	2.45	1	.02	7	.35	385	8	.02	16	320	2	7	3	25	1	.05	1	59.2	1	55	5
L30N 38W	.2	1.16	1	165	.1	1	.31	.1	7	13	16	1.96	1	.02	7	.38	265	7	.01	14	230	1	6	2	32	1	.03	1	48.8	1	42	5
L30N 39W	.1	1.63	1	218	.1	1	.28	.1	9	16	23	2.75	1	.02	8	.44	352	9	.01	19	620	2	9	3	24	1	.04	1	56.8	1	67	5
L30N 40W	.2	1.91	1	222	.1	1	.31	.1	11	18	27	3.12	1	.03	9	.48	437	10	.01	22	540	4	10	4	28	1	.05	1	71.0	1	59	5
L30N 41W	.4	1.54	1	190	.1	1	1.13	.1	10	21	30	2.72	1	.03	9	.61	552	9	.02	21	550	1	7	3	62	1	.05	1	59.4	1	72	5
L30N 42W	.2	1.36	1	170	.1	1	.33	.1	9	17	15	2.70	1	.03	10	.41	413	8	.02	19	590	1	7	3	30	1	.06	1	61.1	1	84	5
L30N 43W	.3	1.46	1	238	.1	1	.53	.1	9	17	22	2.31	1	.03	8	.36	503	8	.02	16	280	3	8	3	49	1	.05	1	57.4	1	69	5
L30N 44W	.4	1.01	3	157	.1	1	.70	.1	7	14	21	1.68	1	.02	6	.40	621	6	.02	15	220	1	4	2	48	1	.05	1	41.9	1	48	5
L30N 45W	.3	1.17	1	163	.1	1	.40	.1	7	12	15	1.96	1	.01	7	.37	216	6	.02	12	190	1	6	2	32	1	.04	1	49.8	1	36	5
L35N 25W	.2	2.00	1	216	.1	1	.33	.1	10	16	19	3.01	1	.03	7	.41	351	10	.01	20	440	4	12	3	26	1	.04	1	59.2	1	61	5
L35N 26W	.3	1.14	1	124	.1	1	.49	.1	11	15	29	2.75	1	.05	6	.41	594	8	.01	20	810	6	5	3	35	1	.06	1	61.9	1	59	10
L35N 27W	.3	1.54	1	177	.1	1	.46	.1	12	17	30	3.08	1	.03	9	.50	709	9	.01	22	570	2	8	4	34	1	.06	1	72.0	1	79	10
L35N 28W	.2	1.34	1	156	.1	1	.49	.1	9	14	22	2.46	1	.03	8	.51	502	8	.01	19	360	1	6	3	37	1	.06	1	55.5	1	52	10
L35N 29W	.1	2.12	1	233	.1	1	.35	.1	12	14	26	3.53	1	.06	12	.51	512	11	.01	21	700	2	12	4	31	1	.07	1	69.7	1	69	5
L35N 30W	.6	1.62	11	245	.1	1	1.52	.1	9	19	48	2.68	1	.04	10	.64	537	8	.03	23	840	1	8	3	74	1	.06	1	58.1	1	70	5
L35N 31W	.4	1.21	1	135	.1	1	.81	.1	8	15	20	2.20	1	.03	7	.48	331	7	.02	17	600	1	5	3	51	1	.08	1	54.3	1	54	5
L35N 32W	.3	1.43	2	159	.1	1	.65	.1	8	16	23	2.43	1	.03	8	.52	382	8	.02	19	290	1	7	3	48	1	.07	1	58.6	1	47	10
L35N 33W	.2	1.15	1	116	.1	1	.36	.1	7	13	17	2.07	1	.02	6	.38	297	6	.02	13	150	1	6	2	30	1	.06	1	52.6	1	37	5
L35N 34W	.1	1.78	1	231	.1	1	.71	.1	11	18	30	3.01	1	.03	9	.59	513	10	.02	24	460	1	8	4	52	1	.05	1	72.2	1	57	5
L35N 35W	.1	1.39	1	251	.1	1	.42	.1	9	14	23	2.72	1	.03	8	.46	868	8	.01	17	670	1	7	3	31	1	.05	1	59.7	1	48	5
L35N 36W	.1	1.70	1	173	.1	1	.24	.1	10	17	22	2.80	1	.02	6	.42	476	9	.01	19	650	2	10	3	25	1	.06	1	67.4	1	62	5
L35N 37W	.1	1.48	1	183	.1	1	.31	.1	6	13	16	2.04	1	.03	8	.36	212	7	.01	13	370	1	9	2	28	1	.03	1	48.8	1	52	5
L35N 38W	.2	1.92	1	226	.1	1	.41	.1	10	18	29	2.78	1	.03	9	.49	556	9	.01	18	820	2	11	3	34	1	.05	1	68.8	1	73	5
L35N 39W	.3	1.14	27	112	.1	1	.59	.1	7	13	14	1.89	1	.03	6	.48	377	6	.02	13	620	1	5	2	42	1	.07	1	50.0	1	40	5
L35N 40W	.1	2.20	1	261	.1	1	.39	.1	12	21	25	3.56	1	.05	11	.52	399	11	.01	26	730	1	12	4	37	1	.06	1	82.8	1	80	5
L35N 41W	.2	1.86	1	235	.1	1	.44	.1	9	16	23	2.48	1	.02	10	.48	274	9	.02	17	470	1	11	3	44	1	.05	1	59.2	1	54	10
L35N 42W	.3	1.28	21	133	.1	1	.46	.1	7	14	16	1.96	1	.02	8	.51	288	6	.02	15	240	1	5	2	37	1	.07	1	52.8	1	39	5
L35N 43W	.4	1.21	13	134	.1	1	.59	.1	7	14	17	1.97	1	.03	8	.54	335	7	.02	14	370	1	5	3	46	1	.07	1	51.1	1	40	5
L35N 44W	.4	1.39	1	198	.1	1	.81	.1	9	17	29	2.30	1	.03	7	.59	416	8	.02	17	560	4	6	3	62	1	.06	1	56.7	1	55	5
L35N 45W	.2	1.76	1	218	.1	1	.42	.1	9	17	25	2.66	1	.03	10	.51	426	9	.01	19	540	1	10	3	39	1	.04	1	63.0	1	65	10
L40N 25W	.2	2.25	1	276	.1	1	.39	.1	11	20	33	3.17	1	.02	9	.57	326	11	.01	22	380	1	14	4	35	1	.05	1	76.3	1	61	10
L40N 26W	.1	1.47	1	144	.1	1	.21	.1	7	12	15	2.30	1	.02	7	.28	286	8	.01	15	450	4	10	3	19	1	.04	1	59.9	1	60	15
L40N 27W	.2	1.96	1	282	.1	1	1.38	.1	10	21	34	3.34	1	.03	9	.67	668	12	.02	25	830	2	10	4	77	1	.03	1	68.2	1	66	5
L40N 29W	.1	1.65	1	186	.1	1	.38	.1	11	20	27	3.25	1	.03	8	.54	439	10	.02	22	400	1	9	4	38	1	.07	1	75.1	1	62	5
L40N 30W	.2	1.77	1	216	.1	1	.46	.1	10	16	33	2.86	1	.03	10	.58	437	9	.01	20	500	1	9	3	39	1	.06	1	67.7	1	57	5
L40N 31W	.4	1.51	1	207	.1	1	.59	.1	8	17	31	2.36	1	.03	8	.43	394	8	.02	17	280	3	9	3	47	1	.04	1	57.9	1	66	10

COMP: HEWITT CO & ASSOC.
PROJ: COB
ATTN: Larry Hewitt

MIN-EN LABS — ICP REPORT

8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8
TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 6S-0202-BJ1
DATE: 96/10/15
* * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL %	AS PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	GA PPM	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SN PPM	SR PPM	TH PPM	TI %	U PPM	V PPM	W PPM	ZN PPM	Au-wet PPB
L40N 28W	.5	.93	1	270	.1	1	3.55	.1	2	7	44	1.09	1	.01	1	.12	135	5	.01	11	950	9	6	1	107	1	.01	1	15.4	1	38	5

COMP: HEWITT CO & ASSOC.
PROJ: COB
ATTN: Larry Hewitt

MIN-EN LABS — ICP REPORT

8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8
TEL:(604)327-3436 FAX:(604)327-3423

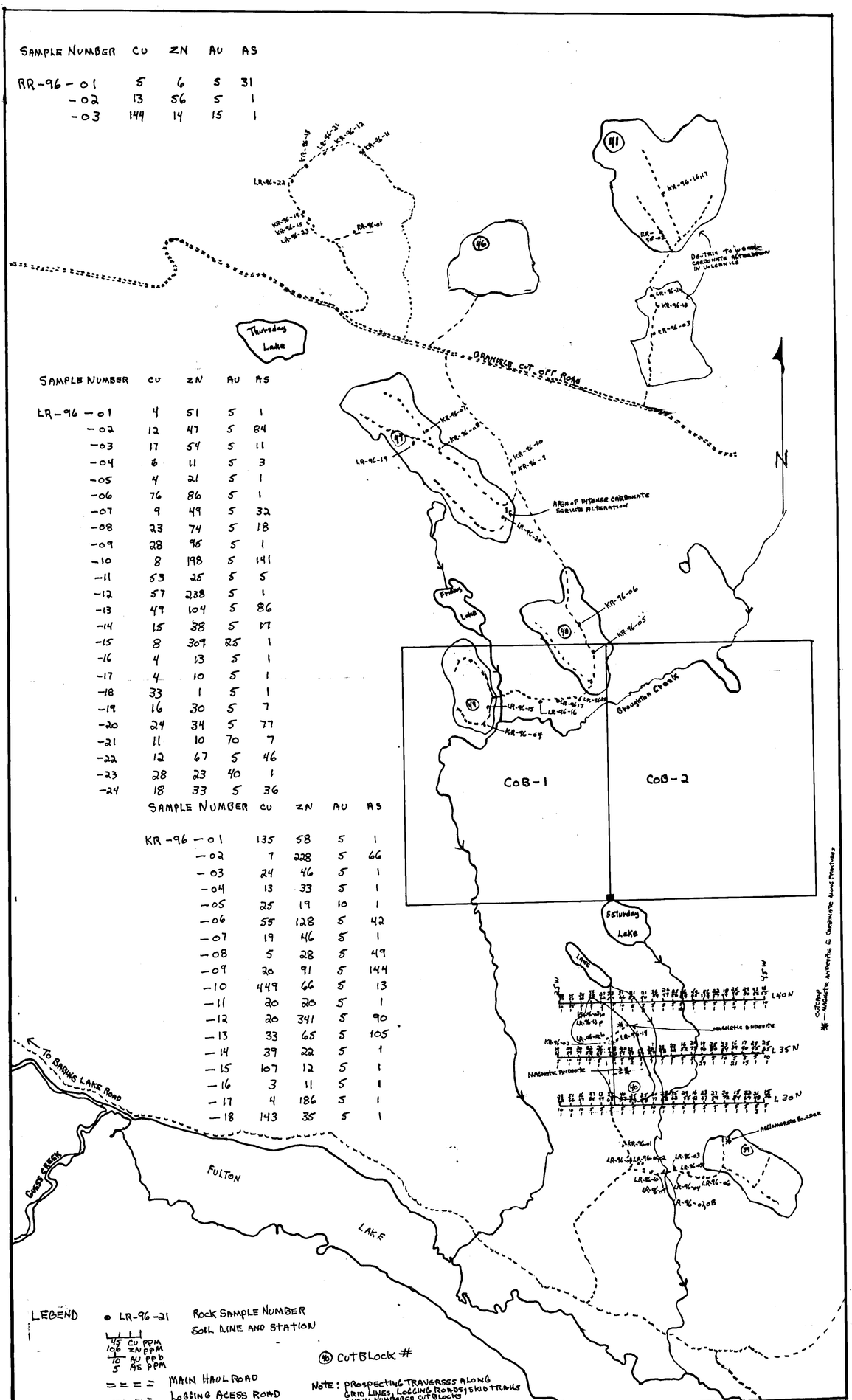
FILE NO: 6S-0202-SJ3
DATE: 96/10/15
* * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL %	AS PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	GA PPM	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SN PPM	SR PPM	TH PPM	TI %	U PPM	V PPM	W PPM	ZN PPM	Au-wet PPB
L40N 32W	.1	1.74	1	193	.1	1	.89	.1	16	22	21	3.72	1	.03	12	.94	1106	11	.02	25	740	1	4	5	52	1	.07	1	74.1	1	82	5
L40N 33W	.1	1.55	2	198	.1	1	.84	.1	9	18	21	2.40	1	.03	9	.62	1328	8	.02	22	790	1	7	3	63	1	.06	1	57.8	1	50	5
L40N 34W	.1	1.90	1	314	.1	1	.89	.1	10	17	36	2.82	1	.04	9	.59	623	9	.02	24	440	1	10	3	50	1	.04	1	66.8	1	59	5
L40N 35W	.1	1.82	1	228	.1	1	.41	.1	11	16	26	2.87	1	.03	9	.49	398	9	.01	18	520	1	10	3	29	1	.05	1	70.8	1	49	5
L40N 36W	.1	1.72	1	191	.1	1	.31	.1	11	18	25	2.84	1	.03	8	.50	435	9	.01	21	460	1	10	3	27	1	.06	1	69.0	1	56	5
L40N 37W	.1	1.53	16	159	.1	1	.54	.1	9	14	16	2.01	1	.03	8	.48	409	7	.02	16	390	4	8	2	44	1	.05	1	57.3	1	64	5
L40N 38W	.3	1.93	1	225	.1	1	1.12	.1	12	22	40	3.26	1	.04	11	.78	1141	12	.02	27	1010	1	9	4	69	1	.07	1	72.7	1	65	5
L40N 39W	.1	2.06	1	334	.1	1	.88	.1	18	23	46	4.02	1	.06	12	.71	1096	13	.02	27	750	18	10	5	79	1	.08	1	94.5	1	119	5
L40N 40W	.1	1.32	1	153	.1	1	.42	.1	8	15	22	2.55	1	.04	8	.40	422	8	.01	16	640	2	8	3	33	1	.05	1	61.6	1	57	5
L40N 41W	.1	1.33	1	132	.1	1	.40	.1	8	14	18	2.28	1	.03	8	.51	400	7	.01	17	240	1	6	3	31	1	.04	1	55.6	1	49	5
L40N 42W	.2	1.61	7	171	.1	1	.62	.1	11	19	25	2.44	1	.03	8	.58	841	8	.02	21	400	1	8	3	61	1	.05	1	65.4	1	45	5
L40N 43W	.1	1.99	1	163	.1	1	.49	.1	11	19	29	3.00	1	.05	10	.58	496	11	.02	22	480	1	10	4	45	1	.05	1	79.1	1	80	5
L40N 44W	.3	2.19	1	196	.1	1	.82	.1	12	23	43	3.16	1	.04	10	.78	787	11	.02	27	620	1	11	4	73	1	.07	1	79.0	1	56	5
L40N 45W	.1	1.55	1	122	.1	1	.34	.1	8	16	18	2.39	1	.03	10	.51	282	8	.02	17	260	1	8	3	36	1	.05	1	59.3	1	55	10

SAMPLE NUMBER	CU	ZN	AU	AS
RR-96-01	5	6	5	31
-02	13	56	5	1
-03	144	14	15	1

SAMPLE NUMBER	CU	ZN	AU	AS
LR-96-01	4	51	5	1
-02	12	47	5	84
-03	17	54	5	11
-04	6	11	5	3
-05	4	21	5	1
-06	76	86	5	1
-07	9	49	5	32
-08	23	74	5	18
-09	28	96	5	1
-10	8	198	5	141
-11	53	26	5	5
-12	57	238	5	1
-13	49	104	5	86
-14	15	38	5	17
-15	8	309	25	1
-16	4	13	5	1
-17	4	10	5	1
-18	33	1	5	1
-19	16	30	5	7
-20	24	34	5	77
-21	11	10	70	7
-22	12	67	5	46
-23	28	23	40	1
-24	18	33	5	36

SAMPLE NUMBER	CU	ZN	AU	AS
KR-96-01	135	58	5	1
-02	7	228	5	66
-03	24	46	5	1
-04	13	33	5	1
-05	25	19	10	1
-06	55	128	5	42
-07	19	46	5	1
-08	5	28	5	49
-09	20	91	5	144
-10	449	66	5	13
-11	20	20	5	1
-12	20	341	5	90
-13	33	65	5	105
-14	39	22	5	1
-15	107	12	5	1
-16	3	11	5	1
-17	4	186	5	1
-18	143	35	5	1



96-57 (1)

COB PROJECT

NTS 93L/16

FIGURE 4