COMINCO LTD

EXPLORATION WESTERN DISTRICT

REPORT ON PERCUSSION DRILLING MISSEZULA PROPERTY

LOG 1-8 CLAIMS

NTS 92H/15E

(WORK PERFORMED BETWEEN MAY 20 AND MAY 27 1992)

LATITUDE: 49° 47' N LONGITUDE: 120° 34' W

Sept 2 1992

R. J. Aulis

TABLE OF CONTENTS

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PERCUSSION DRILLING REPORT
MISSEZULA PROPERTY
LOG 1 - 8 CLAIMS
NICOLA MINING DIVISION
NTS 92H/15E

Latitude 49° 47' N Longitude 120 34'W

SUMMARY

Eight percussion drill holes were completed on the Missezula property to test gaps from previous drilling for economic-grade centres. The holes, targetted to 91.5 m (300'), were spaced 100 to 200m from pre-existing holes. Anomalous geochemical values for Cu and Au were encountered in most of the holes. Mineralization grade/thicknesses were similar to or less than previously encountered with no economic-grade centres having been defined. The best hole recorded an average of 2595ppm Cu / 124ppb Au over 81.4m. A 62 sample soil geochem line was run on the west side of the property to follow up several anomalous samples collected by Quintana Minerals Corp Ltd. in 1976. One geochem high of 146ppm Cu was noted, with no other anomalies detected. No further work is recommended.

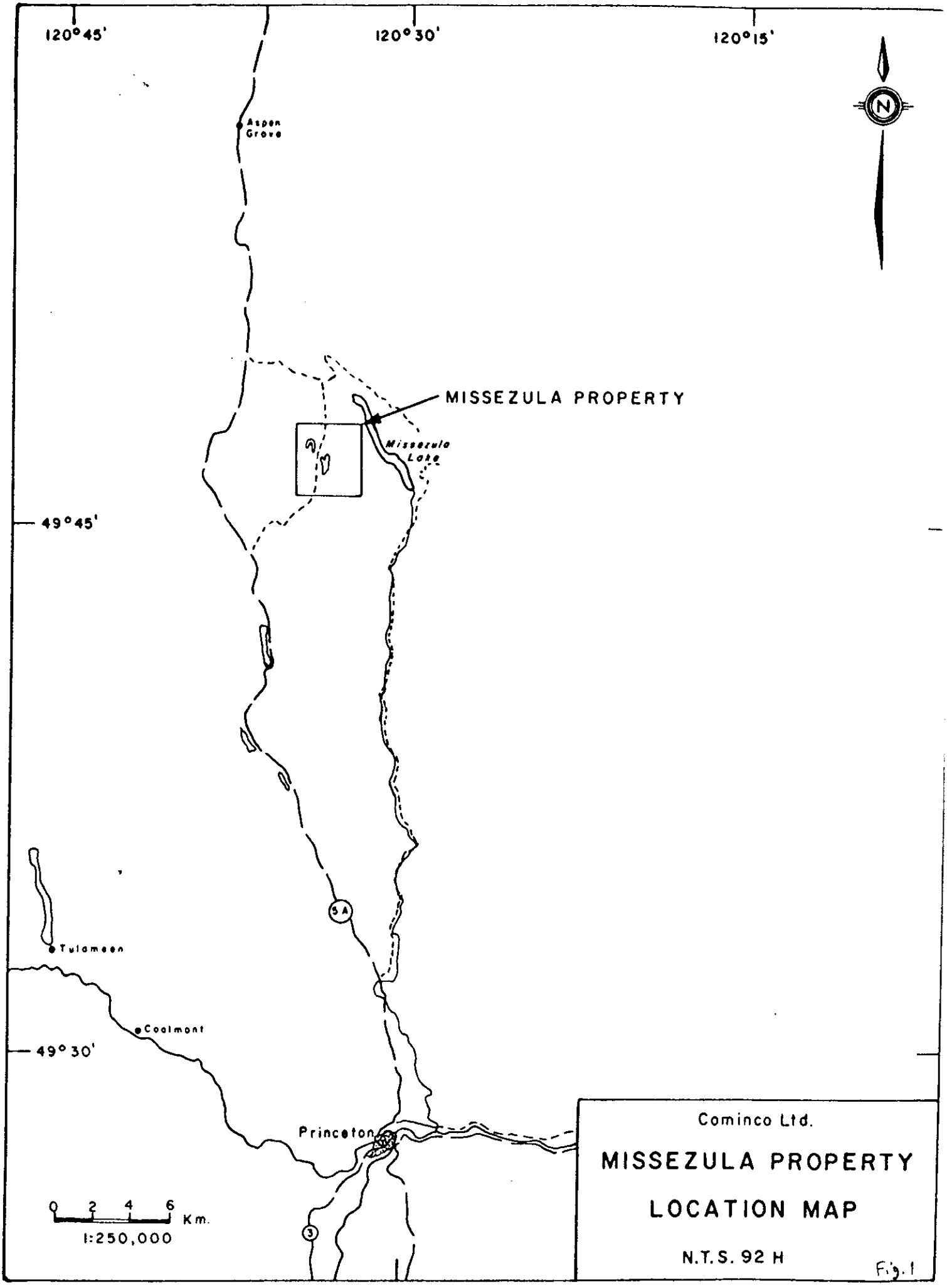
INTRODUCTION

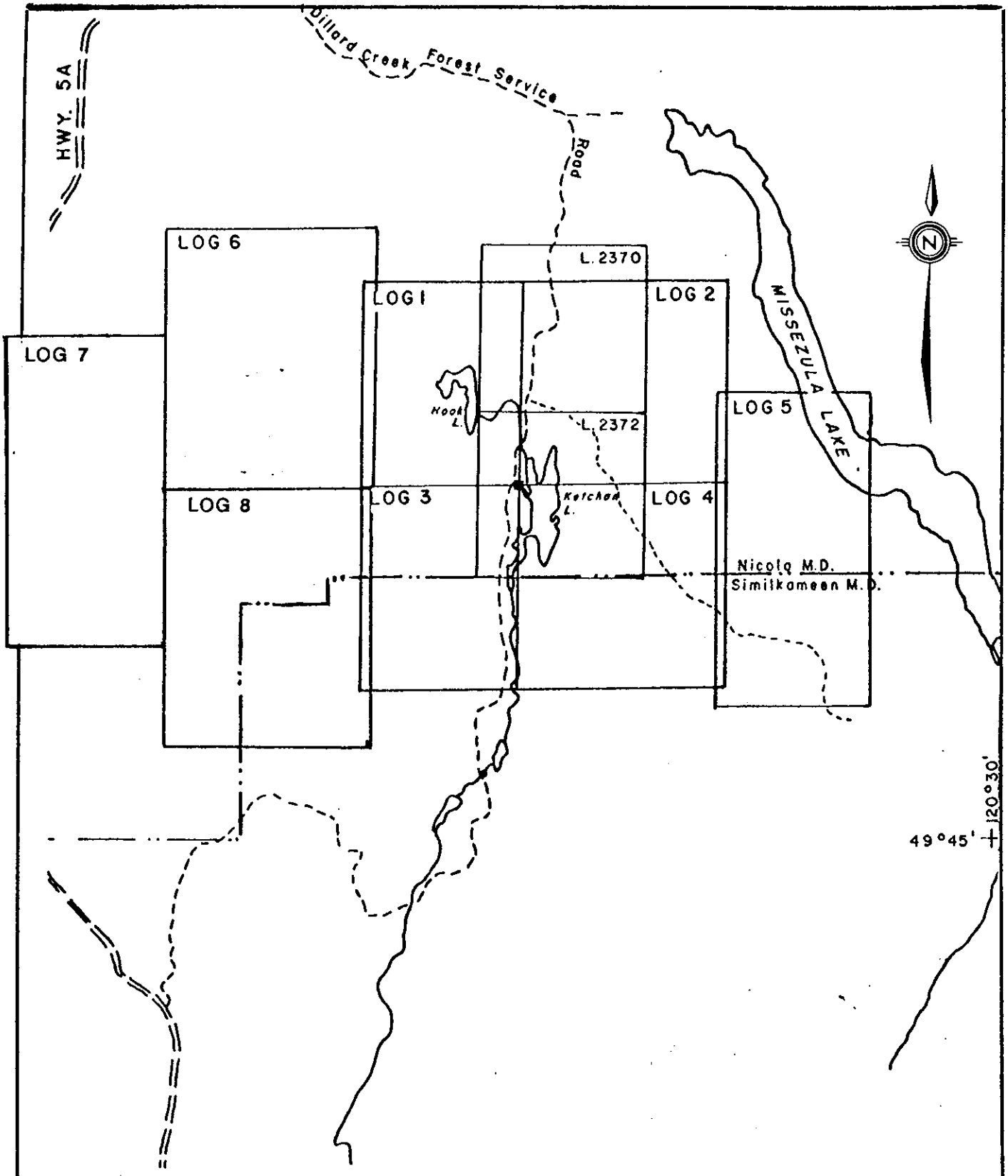
The Missezula property, comprising the LOG group of claims, is located approximately midway between Princeton and Merritt, B.C. It is an alkaline-porphyry Cu-Au prospect within the Princeton-Merritt copper belt of south central B.C. that was first acquired by Bethlehem Copper Corp. in 1973 and later transferred to Cominco Ltd.in 1981.

Most of the surface rights are privately owned by the Douglas Lake Cattle Co. Eight holes were drilled in 1992 to further test a partially drilled, large IP anomaly measuring 2 km by 0.5-0.75 km, open to the east and west. More specifically, the holes were located about and between existing holes (drilled for Cominco in 1991) in an attempt to define an economic grade centre of mineralization. The drilling was performed by A. Miller Percussion Drilling Ltd. of Barriere, B.C. during the period of May 22 - May 26 1992.

LOCATION AND ACCESS

The LOG claims cover a north-south trending valley which contains Ketchan and Hook Lakes, situated about 3 km west of Missezula Lake (see Figure 1.). The centre of the claims (LCP) is at 49degs 47' north; 120degs 33' west. Access to the property is by a well maintained logging road (Dillard Creek Road) running SE of Hwy 5A from about 43 km south of Merritt. About 4 km along the Dillard


120°45'
120°30'
120°15'
N
Aspen Grove
MISSEZULA PROPERTY
Missezula Lake
49°45'
3A
Tulameen
Coalmont
49°30'
Princeton
3
0 2 4 6 Km.
1:250,000
Cominco Ltd.
MISSEZULA PROPERTY
LOCATION MAP
N.T.S. 92 H
Fig. 1



Drawn by:		Traced by:		MISSEZULA PROPERTY CLAIM MAP		
Revised by	Date	Revised by	Date			
				Scale: 1 : 50,000	Date: Nov. 1991	Plate: Fig. 2

Creek Road the Ketchan Lake Road diverges to the south. The claims lie about 9 km from the highway. On the property, numerous old logging and drill roads access the east half of the claims. To the west the claims are reached by recreation site access roads and a Hydro line road.

TOPOGRAPHY

North-south trending rolling hills of moderate relief crest at about 1400 m ASL (4600') east and west of a wide swampy valley occupied by Ketchan (Duke) Lake and Hook Lake (approx 1200 m ASL). Most of the claim area has been logged off and is in various stages of regrowth. Lodgepole pine and the occasional grove of aspen are the dominant flora.

TENURE

The present Missezula property consists of the following eight claims, all 100% Cominco owned (see Figure 2):

Claim	Size (#units)	Record Date	Expiry Date
LOG 2	16.0	1975/08/28	1999/08/28
LOG 3	12.0	1975/08/28	1999/08/28
LOG 1	12.0	1975/08/28	1999/08/28
LOG 4	16.0	1975/08/28	1999/08/28
LOG 5	18.0	1991/07/08	1996/07/08
LOG 6	20.0	1991/07/06	1996/07/06
LOG 7	18.0	1992/01/28	1997/01/28
LOG 8	20.0	1992/01/29	1997/01/29
	132.0 total		

GEOLOGY

The geology of the area was described in Dept. of Energy Mines and Petroleum Resources Bulletin 69 by V.A. Preto (1979).

The principal formations on the property are Upper Triassic Nicola volcanics and related dioritic intrusions. The volcanics range from andesitic flows to crystal-lithic tuffs to coarse heterolithic breccias. The intrusives, occurring in the centre of the property, comprise medium grained syenite to diorite. It is within this area of intrusives that the vast majority of drilling has taken place. On the western margin of the property black fissile argillite occurs. There are abundant float boulders of grey vesicular lava of Tertiary age and drillhole data indicate the presence of Tertiary flow rock under the overburden in the centre of the valley.

Faults on the property tend to parallel the steeply dipping major N-S trending Summers Creek and Allison faults. Dips are generally to the east, reflecting the position of the units on the west limb of the major N-S trending Missezula syncline.

PREVIOUS EXPLORATION

The LOG group of claims was acquired by Bethlehem Copper Corp. in December 1973 as a result of a large scale regional exploration program carried out in the Merritt-Princeton area in 1970 and 1972. The area was previously worked in the mid-sixties as the Lorna, Strike and Nor claims by Adera Mining/Plateau Metals. Adera/Plateau Metals drilled several percussion and diamond drill holes on the property but all records have been lost.

In 1974 the property was drilled by 10 percussion, 1 rotary and 4 diamond drill holes. This drilling tested only a portion of a large 2 km by 0.5-0.75 km IP anomaly trending NNW-SSE. Four of the holes intersected significant Cu mineralization grading 0.1-0.2% Cu over 140-390 ft with some 30-80 ft intervals of 0.4-0.5% Cu. No gold analyses were done on the core or outcropping mineralization.

Two parallel west, northwesterly trending IP anomalies were outlined on the claims in 1979 and tested by a further two diamond drillholes west of Ketchan Lake. Later the same year the IP survey was extended to confirm the east and west extensions of the original 1974 IP anomalies.

The LOG claims were transferred to Cominco Ltd. when Cominco acquired Bethlehem Copper Corporation in 1981.

To maintain the claim, in 1987 Cominco conducted a geochemical survey on the property to test for gold and arsenic. Low anomalous values for gold were found north of the IP anomaly.

In 1991, 15 percussion drillholes were completed over previously untested portions of the IP anomaly/porphyry Cu-Au system. Four of the holes drilled on a coincident IP/soil geochemical anomaly in the eastern part of the property intersected Cu-Au mineralization averaging greater than 0.1%Cu and 0.1 g/t Au.

PERCUSSION DRILLING

Eight drill holes were completed on the LOG 4 claim of the Missezula property this year. The drilling was conducted from May 22 through May 26 1992 by A. Miller Percussion Drilling of Barriere B.C.. Cominco personnel present during drilling were; A.P.Roberts (Technician), H.C. Schultz (Geologist). The Senior Geologist for the program was A.M. Pauwels and the report was written by R.J. Aulis (Geologist). Total metreage drilled for 1992 was 640m (2100').

Drill hole data is detailed in Table 1 below. Drill hole geochemistry results can be found in Appendix B.

TABLE 1

1992 DRILL HOLE DATA

Hole #	Claim	O/B(m)	Depth(m)	Sample Interval
M92-1	LOG 4	2.1	91.5	89.4
M92-2	LOG 4	4.6	91.5	86.9
M92-3	LOG 4	5.2	91.5	86.3
M92-4	LOG 4	10.1	91.5	81.4
M92-5	LOG 4	4.9	45.7	40.8
M92-6	LOG 4	2.4	91.5	89.1
M92-7	LOG 4	4.3	39.6	35.3
M92-8	LOG 4	7.3	97.5	90.2
		TOTAL	640.1m	599.4m

Bedrock chips remain to be logged at the time of writing this report. Cursory visual examinations indicate that lithologies are similar to those encountered in adjacent percussion holes drilled in 1991; moderate to strongly propylitically altered volcanics and intrusives with variable potassic alteration. Spacing between the 1991 and 1992 holes is 100-200 metres.

Samples for analysis were taken every 3.05m (approx 1/12 split of total cuttings) and sent to Cominco Exploration Research Laboratory at 1486 Pender St. E., Vancouver. A total of 193 samples were taken. Analysis for gold and copper was done using Aqua Regia decomposition and atomic absorption spectrometry.

Results indicated elevated Cu values in most of the samples with values of between 200 and 600ppm being the "background" for this anomalous zone. Where Cu values were less than 600-800ppm the corresponding gold values tended to be <10ppb. Significantly elevated gold values, however, were present and correlated quite well with the higher copper values. Generally, where Cu values exceeded 1000 ppm the corresponding Au values ranged from 50 - 200 ppb, averaging 70 - 90 ppb. The best gold value was 418 ppb Au in hole M92-6, corresponding to a Cu high of 3340 ppm. The highest Cu value was 5910 ppm occurring at 50' in hole M92-4. Highlights of the geochem analysis are given below in Table 2.

TABLE 2
1992 GEOCHEMICAL ANALYSIS HIGHLIGHTS

Drillhole	Interval(m)	Thickness(m)	Cu ppm	Au ppb
M92-1	42.7 - 91.5	48.8 (open)	1889	99
M92-4	10.1 - 91.5	81.4 (open)	2595	124
M92-6	2.4 - 91.5	89.1	1563	155
M92-8	30.5 - 51.8	21.3	1723	57

SOIL GEOCHEMISTRY

A small soil geochem program was run concurrent with drilling and was carried out by; S.B. Noakes (Geologist), D.W. Wagner (Geologist), and J. Schiavon (assistant). Sixty-two soil samples were collected over LOG 6 and 8 claims from May 24 to May 26 1992. This work was planned to test an area of anomalous Cu in soils of the valley bottom, outlined by Quintana Minerals Corp. in 1976. Samples were collected from B horizon at a depth of 20 - 30 cm along the 4000' elevation contour and spaced 50 metres apart. All samples were analysed for copper at Cominco Exploration Research Laboratory at 1482 Pender St E., Vancouver. Cu was determined by atomic absorption spectrophotometry after a 20% HNO_3 digestion.

All Cu values fall within background range except for one isolated anomalous sample (146ppm Cu) at the northeast corner of the LOG 6 claim. The location of the soil geochem line is plotted on Figure 3; analysis results are tabulated in Appendix C.

CONCLUSIONS AND RECOMMENDATIONS

Eight percussion drill holes were completed between existing holes in a large NNW - SSE trending IP/soil geochem anomaly known to host significant Cu - Au mineralization. The holes were targetted to find a higher (economic) grade centre in an area of >0.1% Cu measuring 1000 x 400 metres as defined by 6 widespaced existing percussion/diamond drill holes.

The 1992 percussion holes intersected altered alkaline rocks with elevated copper and gold contents. This drilling confirmed grades and thicknesses obtained the previous year but neither extended them nor found a higher grade zone of potential economic interest. The best 1992 intersection was 2595ppm Cu, 124ppb Au over 81.4m in hole M92-4; significantly lower than the 1991 high of hole B-10 with 86.6m of 3786ppm Cu, 76ppb Au. With drill hole spacing of 100 - 200 metres, it is apparent from the 1992 program that no space remains for a deposit of significant size or grade within the 0.4 km^2 area of anomalous Cu/Au as outlined by I.P., soil geochemistry and drill holes. At best, an area of 400 x 200m of 0.2% to 0.4% Cu has been outlined and closed off. This does not warrant follow-up.

A 62 sample contour soil geochemistry line on the west side of the property yielded no Cu anomalies. No follow-up is warranted.

No further work is recommended for this property at this time.

Reported by:

R.J. Aulis
Geologist

Approved for release:

W.J. Wolfe
Manager, Exploration
Western Canada.

APPENDIX A
MISSEZULA EXPENDITURES

For Work in Period May 20 - May 27 1991

Salaries:

A.M. Pauwels,	Sr. Geologist	4 days @ $425/day.....	$1700.00
A.P. Roberts,	Technician	8 days @ $270/day.....	$2160.00
H.C.Schultz,	Geologist	7 days @ $270/day.....	$1890.00
S.B.Noakes	Geologist	4 days @ $325/day.....	$1300.00
D.Wagner	Geologist	3 days @ $300/day.....	$900.00
J. Schiavon	Assistant	2 days @ $170/day.....	$340.00

Domicile

26 man days @ 90.00/day.....$2340.00

Geochemical Analysis

193 perc chip geochem for Cu, Au plus
62 Cu soil geochem $3207.00

Transportation

two 4x4 trucks - 10 days @ 200/day.....$1602.67
Freight - transport truck to/from
Merritt - Robo Transport..... $1820.00
fuel..... $154.37
$3577.04

Percussion Drilling (2100').....$17,850.00

Drill Site Preparation (Sanders & Co., Merritt)..... $1285.00

Preparation/Report Writing

16 man days @ $270.00/day..... .$4320.00

Total $40869.04

APPENDIX B

DRILL HOLE GEOCHEMISTRY DATA

MISSEZULA LAKE/WD

Job V 92-0225R

M92 1,2,3,4

Report Date 10 JUN 1992

LAB NO	FIELD NUMBER	DRILL INTERVAL FROM (METRES)	TO	Cu PPM	Au PPB	Wt Au GRAM
R9206990	M92-1	7.00	20.00	205	36	5
R9206991	M92-1	20.00	30.00	341	80	5
R9206992	M92-1	30.00	40.00	179	20	5
R9206993	M92-1	40.00	50.00	201	<10	5
R9206994	M92-1	50.00	60.00	321	<10	5
R9206995	M92-1	60.00	70.00	185	<10	5
R9206996	M92-1	70.00	80.00	149	<10	5
R9206997	M92-1	80.00	90.00	248	24	5
R9206998	M92-1	90.00	100.00	347	<10	5
R9206999	M92-1	100.00	110.00	106	<10	5
R9207000	M92-1	110.00	120.00	87	<10	5
R9207001	M92-1	120.00	130.00	236	<10	5
R9207002	M92-1	130.00	140.00	222	<10	5
R9207003	M92-1	140.00	150.00	2430	70	5
R9207004	M92-1	150.00	160.00	2420		
R9207005	M92-1	160.00	170.00	2180	76	5
R9207006	M92-1	170.00	180.00	2130	280	5
R9207007	M92-1	180.00	190.00	2040	110	5
R9207008	M92-1	190.00	200.00	2030	80	5
R9207009	M92-1	200.00	210.00	1730	50	5
R9207010	M92-1	210.00	220.00	1730	80	5
R9207011	M92-1	220.00	230.00	1590	118	5
R9207012	M92-1	230.00	240.00	1410		
R9207013	M92-1	240.00	250.00	1390	100	5
R9207014	M92-1	250.00	260.00	1670	124	5
R9207015	M92-1	260.00	270.00	1690	100	5
R9207016	M92-1	270.00	280.00	1480	60	5
R9207017	M92-1	280.00	290.00	1700	58	5
R9207018	M92-1	290.00	300.00	2600	76	5
R9207019	M92-2	15.00	30.00	633	240	5
R9207020	M92-2	30.00	40.00	605	72	5
R9207021	M92-2	40.00	50.00	692	70	5
R9207022	M92-2	50.00	60.00	480	104	5
R9207023	M92-2	60.00	70.00	270	80	5
R9207024	M92-2	70.00	80.00	495	140	5
R9207025	M92-2	80.00	90.00	340	64	5
R9207026	M92-2	90.00	100.00	239	50	5
R9207027	M92-2	100.00	110.00	421	136	5
R9207028	M92-2	110.00	120.00	1460	320	5
R9207029	M92-2	120.00	130.00	644	44	5
R9207030	M92-2	130.00	140.00	799	82	5
R9207031	M92-2	140.00	150.00	845	60	5
R9207032	M92-2	150.00	160.00	1340	100	5
R9207033	M92-2	160.00	170.00	1130	78	5
R9207034	M92-2	170.00	180.00	636	36	5
R9207035	M92-2	180.00	190.00	798	76	5
R9207036	M92-2	190.00	200.00	799	304	5
R9207037	M92-2	200.00	210.00	825	80	5
R9207038	M92-2	210.00	220.00	890	120	5
R9207039	M92-2	220.00	230.00	1320	258	5
R9207040	M92-2	230.00	240.00	739	110	5

LAB NO	FIELD NUMBER	DRILL INTERVAL FROM (METRES)	TO	Cu PPM	Au PPB	Wt Au GRAM
R9207041	M92-2	240.00	250.00	744	190	5
R9207042	M92-2	250.00	260.00	753	140	5
R9207043	M92-2	260.00	270.00	782	96	5
R9207044	M92-2	270.00	280.00	756	82	5
R9207045	M92-2	280.00	290.00	659	70	5
R9207046	M92-2	290.00	300.00	544	70	5
R9207047	M92-3	17.00	30.00	1160	30	5
R9207048	M92-3	30.00	40.00	892	70	5
R9207049	M92-3	40.00	50.00	556	24	5
R9207050	M92-3	50.00	60.00	883	30	5
R9207051	M92-3	60.00	70.00	825	26	5
R9207052	M92-3	70.00	80.00	492	<10	5
R9207053	M92-3	80.00	90.00	453	<10	5
R9207054	M92-3	90.00	100.00	439	<10	5
R9207055	M92-3	100.00	110.00	496	<10	5
R9207056	M92-3	110.00	120.00	523	<10	5
R9207057	M92-3	120.00	130.00	525	<10	5
R9207058	M92-3	130.00	140.00	588	30	5
R9207059	M92-3	140.00	150.00	758	32	5
R9207060	M92-3	150.00	160.00	656	38	5
R9207061	M92-3	160.00	170.00	573	<10	5
R9207062	M92-3	170.00	180.00	560	40	5
R9207063	M92-3	180.00	190.00	467	30	5
R9207064	M92-3	190.00	200.00	393	<10	5
R9207065	M92-3	200.00	210.00	351	24	5
R9207066	M92-3	210.00	220.00	367	<10	5
R9207067	M92-3	220.00	230.00	497	<10	5
R9207068	M92-3	230.00	240.00	427	<10	5
R9207069	M92-3	240.00	250.00	387	<10	5
R9207070	M92-3	250.00	260.00	445	30	5
R9207071	M92-3	260.00	270.00	776	70	5
R9207072	M92-3	270.00	280.00	905	30	5
R9207073	M92-3	280.00	290.00	1130	40	5
R9207074	M92-3	290.00	300.00	903	52	5
R9207075	M92-4	33.00	50.00	1530	54	5
R9207076	M92-4	50.00	60.00	5910	112	5
R9207077	M92-4	60.00	70.00	3070	230	5
R9207078	M92-4	70.00	80.00	3680	344	5
R9207079	M92-4	80.00	90.00	3030	186	5
R9207080	M92-4	90.00	100.00	2150	240	5
R9207081	M92-4	100.00	110.00	2380	280	5
R9207082	M92-4	110.00	120.00	1970	106	5
R9207083	M92-4	120.00	130.00	1490	80	5
R9207084	M92-4	130.00	140.00	1250	90	5
R9207085	M92-4	140.00	150.00	1420	84	5
R9207086	M92-4	150.00	160.00	1800	310	5
R9207087	M92-4	160.00	170.00	2640	116	5
R9207088	M92-4	170.00	180.00	2420	140	5
R9207089	M92-4	180.00	190.00	3030	110	5
R9207090	M92-4	190.00	200.00	4760	100	5
R9207091	M92-4	200.00	210.00	4040	150	5
R9207092	M92-4	210.00	220.00	3740	178	5
R9207093	M92-4	220.00	230.00	3050	210	5
R9207094	M92-4	230.00	240.00	2710	130	5

LAB NO	FIELD NUMBER	DRILL INTERVAL FROM (METRES)	TO	Cu PPM	Au PPB	Wt Au GRAM
R9207095	M92-4	240.00	250.00	2810	200	5
R9207096	M92-4	250.00	260.00	2570	100	5
R9207097	M92-4	260.00	270.00	2340	120	5
R9207098	M92-4	270.00	280.00	2260	96	5
R9207099	M92-4	280.00	290.00	2170	80	5
R9207100	M92-4	290.00	300.00	1850	120	5

I=INSUFFICIENT SAMPLE X=SMALL SAMPLE E=EXCEEDS CALIBRATION C=BEING CHECKED R=REVISED
IF REQUESTED ANALYSES ARE NOT SHOWN /RESULTS ARE TO FOLLOW.

ANALYTICAL METHODS

Cu AQUA REGIA DECOMPOSITION / AAS

Au AQUA REGIA DECOMPOSITION / SOLVENT EXTRACTION / AAS

Wt Au THE WEIGHT OF SAMPLE TAKEN TO ANALYSE FOR GOLD (GEOCHEM)

MISSEZULA LAKE/WD

JOB U 92-0240R

M92-5,6,7,8

REPORT DATE 10 JUN 1992

LAB NO	FIELD NUMBER	DRILL INTERVAL FROM (METRES)	TO	CU PPM	AU PPB	WT AU GRAM
R9207318	M92-5	16.00	30.00	1360	50	5
R9207319	M92-5	30.00	40.00	832	24	5
R9207320	M92-5	40.00	50.00	1330	40	5
R9207321	M92-5	50.00	60.00	1190	36	5
R9207322	M92-5	60.00	70.00	715	24	5
R9207323	M92-5	70.00	80.00	828	30	5
R9207324	M92-5	80.00	90.00	812	38	5
R9207325	M92-5	90.00	100.00	758	32	5
R9207326	M92-5	100.00	110.00	710	20	5
R9207327	M92-5	110.00	120.00	753	24	5
R9207328	M92-5	120.00	130.00	842	26	5
R9207329	M92-5	130.00	140.00	1040	34	5
R9207330	M92-5	140.00	150.00	1110	36	5
R9207331	M92-6	8.00	20.00	1800	90	5
R9207332	M92-6	20.00	30.00	1140	80	5
R9207333	M92-6	30.00	40.00	825	50	5
R9207334	M92-6	40.00	50.00	875	80	5
R9207335	M92-6	50.00	60.00	404	40	5
R9207336	M92-6	60.00	70.00	935	76	5
R9207337	M92-6	70.00	80.00	995	44	5
R9207338	M92-6	80.00	90.00	2930	120	5
R9207339	M92-6	90.00	100.00	1840	100	5
R9207340	M92-6	100.00	110.00	1440	276	5
R9207341	M92-6	110.00	120.00	1320	200	5
R9207342	M92-6	120.00	130.00	652	84	5
R9207343	M92-6	130.00	140.00	733	80	5
R9207344	M92-6	140.00	150.00	1300	64	5
R9207345	M92-6	150.00	160.00	966	66	5
R9207346	M92-6	160.00	170.00	1640	182	5
R9207347	M92-6	170.00	180.00	2060	200	5
R9207348	M92-6	180.00	190.00	1240	150	5
R9207349	M92-6	190.00	200.00	1320	100	5
R9207350	M92-6	200.00	210.00	1630	110	5
R9207351	M92-6	210.00	220.00	1530	90	5
R9207352	M92-6	220.00	230.00	1610	172	5
R9207353	M92-6	230.00	240.00	1740	200	5
R9207354	M92-6	240.00	250.00	3070	400	5
R9207355	M92-6	250.00	260.00	3340	418	5
R9207356	M92-6	260.00	270.00	2090	264	5
R9207357	M92-6	270.00	280.00	2400	230	5
R9207358	M92-6	280.00	290.00	1860	250	5
R9207359	M92-6	290.00	300.00	1680	270	5
R9207360	M92-7	14.00	30.00	910	<10	5
R9207361	M92-7	30.00	40.00	1600	30	5
R9207362	M92-7	40.00	50.00	2620	64	5
R9207363	M92-7	50.00	60.00	1710	44	5
R9207364	M92-7	60.00	70.00	967	<10	5
R9207365	M92-7	70.00	80.00	836	<10	5
R9207366	M92-7	80.00	90.00	735	<10	5
R9207367	M92-7	90.00	100.00	608	<10	5
R9207368	M92-7	100.00	110.00	631	<10	5

LAB NO	FIELD NUMBER	DRILL INTERVAL FROM (METRES)	TO	Cu PPM	Au PPB	Wt Au GRAM
R9207369	M92-7	110.00	120.00	510	<10	5
R9207370	M92-7	120.00	130.00	530	<10	5
R9207371	M92-8	24.00	40.00	146	<10	5
R9207372	M92-8	40.00	50.00	791	70	5
R9207373	M92-8	50.00	60.00	535	100	5
R9207374	M92-8	60.00	70.00	668	80	5
R9207375	M92-8	70.00	80.00	688	40	5
R9207376	M92-8	80.00	90.00	506	30	5
R9207377	M92-8	90.00	100.00	456	32	5
R9207378	M92-8	100.00	110.00	1380	60	5
R9207379	M92-8	110.00	120.00	1910	80	5
R9207380	M92-8	120.00	130.00	1380	42	5
R9207381	M92-8	130.00	140.00	1770	50	5
R9207382	M92-8	140.00	150.00	1860	66	5
R9207383	M92-8	150.00	160.00	2000	42	5
R9207384	M92-8	160.00	170.00	1260	60	5
R9207385	M92-8	170.00	180.00	738	44	5
R9207386	M92-8	180.00	190.00	763	30	5
R9207387	M92-8	190.00	200.00	563	<10	5
R9207388	M92-8	200.00	210.00	581	<10	5
R9207389	M92-8	210.00	220.00	584	<10	5
R9207390	M92-8	220.00	230.00	790	36	5
R9207391	M92-8	230.00	240.00	905	50	5
R9207392	M92-8	240.00	250.00	956	44	5
R9207393	M92-8	250.00	260.00	855	40	5
R9207394	M92-8	260.00	270.00	832	50	5
R9207395	M92-8	270.00	280.00	864	62	5
R9207396	M92-8	280.00	290.00	789	30	5
R9207397	M92-8	290.00	300.00	771	40	5
R9207398	M92-8	300.00	310.00	647	36	5
R9207399	M92-8	310.00	320.00	642	40	5

I=INSUFFICIENT SAMPLE X=SMALL SAMPLE E=EXCEEDS CALIBRATION C=BEING CHECKED R=REVISED
IF REQUESTED ANALYSES ARE NOT SHOWN /RESULTS ARE TO FOLLOW

ANALYTICAL METHODS

Cu AQUA REGIA DECOMPOSITION / AAS

Au AQUA REGIA DECOMPOSITION / SOLVENT EXTRACTION / AAS

Wt Au THE WEIGHT OF SAMPLE TAKEN TO ANALYSE FOR GOLD (GEOCHEM)

APPENDIX C

SOIL GEOCHEMISTRY DATA

MISSEZULA LAKE/WD

JOB V 92-02265
REPORT DATE 9 JUN 1992

EXP LAB NUMBER	FIELD NO	MAP ZONE	EAST	NORTH	# MAT'L ORIG	SITE	COLOUR	SIZE	ORG	DEPTH WET CM	SLOPE	WIDTH HORIZ	FLOW PPT	pH	Cu PPM
S9204514	190016		A	+700	1 SOIL	GLAC	BRN-GREY	SILT	LOW	DRY 30	LOW	B		.	10
S9204515	190017		A	+750	1 SOIL	GLAC	MED-BROWN	SANDY -SILT	MED	M'ST 30	LOW	B		.	146 X
S9204516	190018		A	+800	1 SOIL	GLAC	BRN-GREY	SILT	LOW	M'ST 30	LOW	B		.	37
S9204517	190019		A	+850	1 SOIL	GLAC	MED-BROWN	SILT	LOW	M'ST 25	LOW	B		.	38
S9204518	190020		A	+900	1 SOIL	GLAC	MED-BROWN	SANDY -SILT	LOW	M'ST 30	LOW	B		.	16
S9204519	190021		A	+950	1 SOIL	GLAC	BRN-GREY	SANDY -SILT	LOW	DRY 30	LOW	B		.	15
S9204520	190022		A	+1000	1 SOIL	GLAC	MED-BROWN	SANDY -SILT	LOW	DRY 30	LOW	B		.	19
S9204521	190023		A	+1050	1 SOIL	GLAC	MED-BROWN	SANDY -SILT	LOW	M'ST 30	MED	B		.	33
S9204522	190024		A	+1100	1 SOIL	GLAC	BRN-GREY	SANDY -SILT	LOW	DRY 20	STEEP	B		.	18
S9204523	190025		A	+1150	1 SOIL	GLAC	LT -BROWN	SANDY -SILT	LOW	M'ST 30	STEEP	B		.	29
S9204524	190026		A	+1200	1 SOIL	GLAC	MED-BROWN	SANDY -SILT	LOW	M'ST 30	MED	B		.	13
S9204525	190027		A	+1250	1 SOIL	GLAC	BRN-RED	SANDY -SILT	LOW	M'ST 30	MED	B		.	23
S9204526	190028		A	+1300	1 SOIL	GLAC	BRN-GREY	SANDY -SILT	MED	DRY 15	MED	B		.	15
S9204527	190029		A	+1350	1 SOIL	GLAC	GRY-BROWN	SANDY -SILT	MED	DRY 30	MED	B		.	24
S9204528	190030		A	+1364	1 SOIL	ALLUV ACTIVE	DK -BROWN	SAND	MED	WET 20	1.2M	B1		.	32
S9204529	190031		A	+1400	1 SOIL	GLAC	LT -BROWN	SANDY -SILT	MED	M'ST 15	MED	B		.	60
S9204530	190032		A	+1450	1 SOIL	GLAC	GRY-BROWN	SANDY -SILT	MED	DRY 20	LOW	B		.	24
S9204531	190033		A	+1500	1 SOIL	GLAC	DK -BROWN	SANDY -SILT	MED	DRY 15	LOW	B		.	19
S9204532	190034		A	+1550	1 SOIL	GLAC	GRY-RED	SANDY -SILT	HIGH	DRY 20	LOW	B		.	7

EXP LAB NUMBER	FIELD NO	MAP ZONE	EAST	NORTH	#	MAT'L	ORIG	SITE	COLOUR	SIZE	ORG	DEPTH WET CM	WIDTH SLOPE	FLOW HORIZ	PPT	PH	Cu PPM
S9204533	190035		A	+1600	1	SOIL	GLAC		LT -BROWN	SANDY -SILT	LOW	DRY 30	MED	B		.	8
S9204534	190036		A	+1650	1	SOIL	GLAC		GRY-BROWN	SANDY -SILT	LOW	DRY 30	MED	B		.	10
S9204535	190037		A	+1700	1	SOIL	GLAC		RED-BROWN	SANDY -SILT	MED	DRY 30	MED	B		.	23
S9204536	190038		A	+1750	1	SOIL	GLAC		MED-BROWN	SANDY -SILT	LOW	DRY 30	MED	B		.	19
S9204537	190039		A	+1800	1	SOIL	GLAC		MED-BROWN	SANDY -SILT	MED	DRY 30	MED	B		.	24
S9204538	190040		A	+1850	1	SOIL	GLAC		LT -BROWN	SANDY -SILT	MED	DRY 30	MED	B		.	14
S9204539	190041		A	+1900	1	SOIL	GLAC		GRY-BROWN	SANDY -SILT	MED	DRY 15	LOW	B		.	19
S9204540	190042		A	+1950	1	SOIL	GLAC		LT -BROWN	SANDY -SILT	LOW	DRY 30	MED	B		.	17
S9204541	190043		A	+2000	1	SOIL	GLAC		MED-BROWN	SANDY -SILT	LOW	DRY 30	LOW	B		.	27
S9204542	190044		A	+2050	1	SOIL	GLAC		LT -BROWN	SANDY -SILT	MED	DRY 30	MED	B		.	17
S9204543	190045		A	+2100	1	SOIL	GLAC		GRY-BROWN	SANDY -SILT	MED	DRY 30	MED	B		.	21
S9204544	190046		A	+2150	1	SOIL	GLAC		GRY-BROWN	SANDY -SILT	MED	DRY 15	MED	B		.	13
S9204545	190047		A	+2200	1	SOIL	GLAC		RED-BROWN	SANDY -SILT	LOW	DRY 25	MED	B		.	18
S9204546	190048		A	+2250	1	SOIL	GLAC		RED-BROWN	SANDY -SILT	LOW	DRY 30	MED	B		.	24
S9204547	190049		A	+2300	1	SOIL	GLAC		GRY-BROWN	SANDY -SILT	LOW	DRY 30	MED	B		.	21
S9204548	190050		A	+2350	1	SOIL	GLAC		GRY-BROWN	SILT	LOW	DRY 25	MED	B		.	28
S9204549	190051		A	+2400	1	SOIL	GLAC		GRY-BROWN	SILT	LOW	DRY 30	MED	B		.	29
S9204550	190052		A	+2450	1	SOIL	GLAC		GRY-BROWN	SILT	MED	DRY 30	MED	B		.	25
S9204551	190053		A	+2500	1	SOIL	GLAC		MED-BROWN	SANDY -SILT	LOW	DRY 25	LOW	B		.	28
S9204552	190054		A	+2550	1	SOIL	GLAC		LT -BROWN	SANDY -SILT	MED	DRY 20	LOW	B		.	35
S9204553	190055		A	+2600	1	SOIL	GLAC		RED-BROWN	SANDY -SILT	LOW	DRY 30	MED	B		.	19
S9204554	190056		A	+2650	1	SOIL	GLAC		LT -BROWN	SANDY -SILT	LOW	DRY 30	MED	B		.	19
S9204555	190057		A	+2700	1	SOIL	GLAC		GRY-BROWN	SILT	MED	DRY 15	MED	B		.	14
S9204556	190058		A	+2750	1	SOIL	GLAC		GRY-BROWN	SANDY -SILT	LOW	DRY 30	MED	B		.	20
S9204557	190059		A	+2800	1	SOIL	GLAC		GRY-BROWN	SANDY -SILT	MED	DRY 30	MED	B		.	23
S9204558	190060		A	+2850	1	SOIL	GLAC		GRY-BROWN	SANDY -SILT	LOW	DRY 30	LOW	B		.	30
S9204559	190061		A	+2900	1	SOIL	GLAC		RED-BROWN	SANDY -SILT	LOW	DRY 30	LOW	B		.	26
S9204560	190062		A	+1950	1	SOIL	GLAC		BRN-GREY	SANDY -SILT	LOW	DRY 30	MED	B		.	29
S9204561	190063		A	+3000	1	SOIL	GLAC		BRN-GREY	SANDY -SILT	MED	DRY 30	MED	B		.	20
S9204562	190064		A	+3050	1	SOIL	GLAC		MED-BROWN	SANDY -SILT	MED	DRY 15	LOW	B		.	49
S9204563	190065		A	+3100	1	SOIL	GLAC		BRN-GREY	SILT	MED	DRY 20	LOW	B		.	15
S9204564	190066		A	+3150	1	SOIL	GLAC		BRN-GREY	SANDY -SILT	MED	DRY 25	LOW	B		.	21
S9204565	190067		A	+3200	1	SOIL	GLAC		BRN-RED	SANDY -SILT	LOW	DRY 30	LOW	B		.	25
S9204566	190068		A	+3250	1	SOIL	GLAC		BRN-GREY	SANDY -SILT	MED	DRY 15	LOW	B		.	18
S9204567	190069		A	+3300	1	SOIL	GLAC		DK -BROWN	SILT	MED	DRY 30	LOW	B		.	68
S9204568	190070		A	+3350	1	SOIL	GLAC		BRN-GREY	SANDY -SILT	LOW	DRY 15	LOW	B		.	11

EXP LAB NUMBER	FIELD NO	MAP ZONE	EAST	NORTH	# MAT'L ORIG	SITE	COLOUR	SIZE	ORG	DEPTH WIDTH FLOW WET CM	SLOPE	HORIZ	PPT	pH	Cu PPM
S9204569	190071		A	+3400	1	SOIL	GLAC	BRN-GREY	SANDY -SILT	LOW	DRY	20	LOW	B	.	25
S9204570	190072		A	+3450	1	SOIL	GLAC	BRN-GREY	SILT	MED	DRY	30	LOW	B	.	14
S9204571	190073		A	+3500	1	SOIL	GLAC	BRN-GREY	SANDY -SILT	LOW	DRY	30	LOW	B	.	16
S9204572	190074		A	+3550	1	SOIL	GLAC	BRN-GREY	SANDY -SILT	LOW	DRY	30	LOW	B	.	20
S9204573	190075		A	+3600	1	SOIL	GLAC	BRN-GREY	SANDY -SILT	LOW	DRY	20	LOW	B	.	17
S9204574	190076		A	+3650	1	SOIL	GLAC	BRN-GREY	SANDY -SILT	MED	DRY	30	LOW	B	.	16
S9204575	190077		A	+3700	1	SOIL	GLAC	BRN-GREY	SANDY -SILT	MED	DRY	30	LOW	B	.	18

I=INSUFFICIENT SAMPLE X=SMALL SAMPLE E=EXCEEDS CALIBRATION C=BEING CHECKED R=REVISED
IF REQUESTED ANALYSES ARE NOT SHOWN /RESULTS ARE TO FOLLOW

ANALYTICAL METHODS
Cu 20% HNO3 DECOMPOSITION / AAS

APPENDIX D
AFFIDAVIT

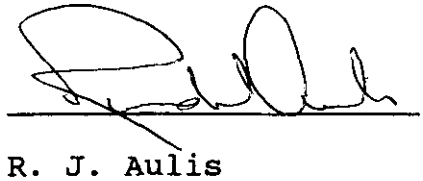
In the matter of the B.C. Mineral Act and in the matter of a percussion drill program carried out on the LOG 1 - 8 mineral claims located in Nicola mining division of British Columbia, specifically, in NTS sheet 92H/15E;

I Randal J. Aulis of the city of New Westminster in the province of British Columbia, do make oath and say:

1. that I am employed as a geologist by Cominco Ltd. and as such have personal knowledge of the facts to which I hereinafter depose.

2. that annexed hereto and marked as Appendix A to this my affidavit is a true copy of expenditures incurred in a percussion drill program on LOG 1 - 8 mineral claims.

3. that the said expenditures were incurred between the 20th day of May and the 27th day of May, 1992, for the purpose of mineral exploration on the above noted claims.



R. J. Aulis
Geologist,
Cominco Ltd.

APPENDIX E
STATEMENT OF QUALIFICATIONS

I, Randal J. Aulis , with a business address in Vancouver, British Columbia and a residential address in New Westminster, British Columbia hereby certify that:

1. that I have been employed as a geologist since 1985 by Cominco Ltd. with a business address at 700 - 409 Granville St., Vancouver, British Columbia, V6C-1T2.

2. that I graduated with a B.Sc. (Hons) Earth Sciences degree from the University of Waterloo in 1986.

3. that I personally supervised the 1992 program on the LOG claims and have interpreted the data.

R. J. Aulis
Geologist
Cominco Ltd.

LOG 6

L.2366

L.2369

LOG 1

LOG 2

L.2370

L.2372

LOG 3

LOG 4

LOG 5

LOG 8

L.2374

Hook Lake

Ketchan Lake

POWER LINE

4000

4500

49°47'

120°34'

LCP

L.C.P.

(27.4) PC-74-5

(24.4) PC-74-1

(16.8) (21.6) L-75-2,2A

(15.2) PC-74-8

(3.0) PC-74-9

(P1) (P2) (P3)

(A4)

(18.0) B-6

(18.3) PC-74-2

(18.3) PC-74-6

(3.0) PC-74-7

(3.6) L-79-5

(4.6) B-4

(10.7) B-5

(7.0) L-75-1

(5.3) L-75-3

(3.0) L-75-4

(A6)

(4.3) M92-7

(8.2) B-15

(4.9) M92-5

(2.1) M92-1

(2.4) M92-6

(2.7) B-8

(4.9) B-10

(0.3) B-9

(4.6) M92-2

(A2)

(0.9) B-13

(A3)

(3.6) PC-74-3A

(>30.4) PC-74-3

(10.1) M92-4

(5.2) M92-3

(11.0) B-12

(A1)

(39.6) B-16

(A5)

(39.6) B-7

(7.3) M92-8

(28.9) B-11

(3.3) B-14

(3.3) L-79-6

(27.4) PC-74-4

GEOCHEM —SOIL SAMPLING

○ 23 Cu in ppm

Lot boundary

Claim boundary

1992 PERCUSSION HOLE

(0.9) B-13 Overburden depth in metres, Hole no.

Drill hole no.	Type	Year	Company	
△ (P1,P1A,P2)	Diamond	1962	Plateau Metals Ltd.	limited data available
△ (P3)	Diamond	1966	Plateau Metals Ltd.	
△ (A1 to A6)	Diamond	1966	Adera Mining Ltd.	
○ PC-74-1 to 9	Percussion	1974	Bethlehem Copper Corp.	
△ L-75-1 to 3	Diamond	1975	Bethlehem Copper Corp.	
△ L-75-4	Rotary/diamond	1975	Bethlehem Copper Corp.	
△ L-79-5,6	Diamond	1979/80	Bethlehem Copper Corp.	
○ B-1 to B-16	Percussion	1991	Cominco Ltd.	
● M92-1 to 92-8	Percussion	1992	Cominco Ltd.	

GEOLOGICAL BRANCH
ASSESSMENT REPORT

22,555

N.T.S. 92 H/15

MISSEZULA PROPERTY

Drawn by: APR	Traced by:	
Revised by: APR	Date: Sept.1992	Acad file: MISSE21

1992 WORK

SCALE: 1:5000 | DATE: Jan.1992 | PLATE NO:

0 100 200 Metres