83-#646-11543

FALCONBRIDGE LIMITED
6415 - 64th Street, Delta, B.C., Canada V4K 4E2
Tel. (604) 946-0441
Telex 04-357583

November 7, 1983

Chief Gold Commissioner
Ministry of Energy, Mines and
Petroleum Resources
Victoria, B.C.

Dear Sir:

Enclosed are two copies of an assessment report on the Nimpkish Group in the Nanaimo Mining Division.

Yours truly,
Falconbridge Limited

Tor Bruland

TB/bjl

ASSESSMENT REPORT

GEOCHEMICAL AND VLF - EM SURVEY OF THE

NIMPKISH GROUP

NANAIMO MINING DIVISION

LONGITUDE: 127° 07' W

LATITUDE: 50° 15' N

NTS: 92L/6E

OWNER: Falconbridge Limited

OPERATOR: Falconbridge Limited

AUTHOR: TOR BRULAND

DATE SUBMITTED: November 7, 1983

TABLE OF CONTENTS

FIGURES

The Nimpkish Group of mineral claims consists of:

Marino: 18 units, recorded May 7/1982 and the following two post claims recorded May 18/82.

Fido A, Fido B, Fido C, Fido D, Fido E, Fido F, Fido G, Fido H, Kilpala 1, Kilpala 2, Kilpala 3, Kilpala 4, Kilpala 5, and Kilpala 6. This makes up a total of 32 units (Figure 1).

The property is located on Northern Vancouver Island on the west shore of Nimpkish Lake, 12 km south of Port McNeil (Figure 2). The elevation of the property varies between sea level and 750 m and it is almost completely logged off, which gives good access to all parts of the property by logging roads.

Access to the property is gained by using Canadian Forest Products logging road, the Kilpala main line, which intersects the Island Highway at the north end of Nimpkish Lake.

The property was staked by E. Specogna and L. Specogna in May 1982 and optioned by Falconbridge Ltd. in January 1983. The 100% interest in the property was bought by Falconbridge Ltd., May 25/83 through Canamin Resources Ltd. Chevron Canada Resources Ltd. did a property evaluation in April 1983, and they located a couple of small Au, Zn, Cu, and Mo anomalies.

Sphalerite - chalcopyrite - pyrite - quartz ± molybdenite veins are located in Karmutsen volcanics. Rock samples submitted from mineralized quartz veins in 1982, ran .27% Mo, .14% Cu, 15.4 g/t Au, and 65.2 g/t Ag and .83% Cu, 11.5% Zn, 31.0 g/t Au and 48.0 g/t Ag and in 1983 39.1 g/t Au and 52.0 g/t Ag.

CLAIM MAP

FIGURE 1: Claim map of the Nimpkish Group, NTS 92L/6E.

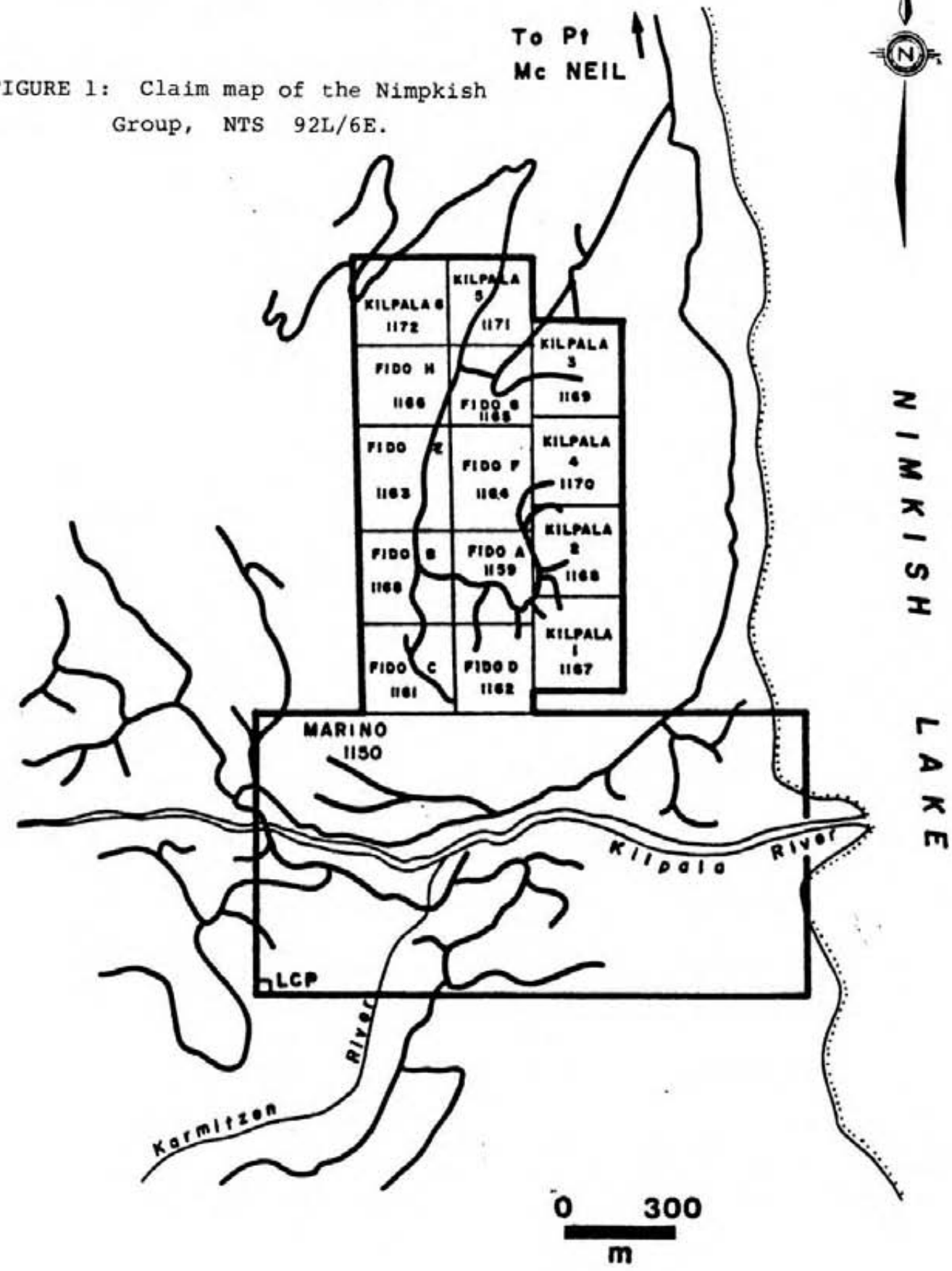
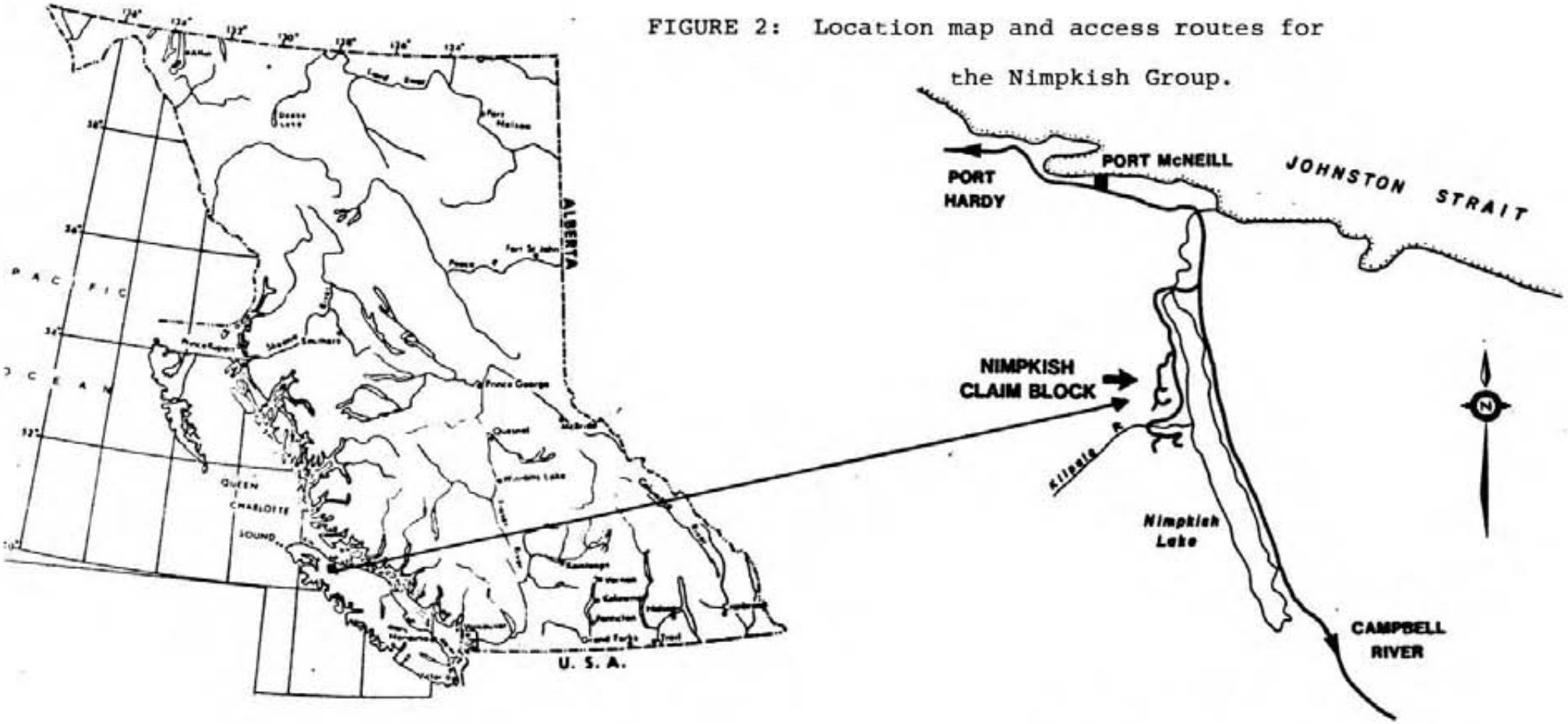


FIGURE 2: Location map and access routes for the Nimpkish Group.



The purpose of the present program was to detail the anomalies found by Chevron Canada Resources Ltd, with soil sampling and VLF -EM. 693 soil samples were collected on an east-west grid for a total of 42 line-kms with 100m and 200m spacing and 50m and 100m stations. The soil samples were analysed by ICP and Au and Hg were done by AA.

13 line-kms of VLF - EM Survey were done over the main showing (Figure 1) with 50m and 100m spacing and 25m and 50m stations.

GENERAL GEOLOGY

The property covers volcanics of the Karmutsen Formation and quartz monzonite of the Island Intrusions (Figure 3).

The Karmutsen Formation found on the property, forms massive and amydaloidal flows. The flows appear fresh green and dark green, fine grained with occassional feldspar phenocrysts and amygdules filled with quartz and epidote. The flows varies in thickness from 0.6m to more than 3.0m and they have a shallow dip to the west. Chlorite, sericite and quartz veining alteration is found in north-south shear zones.

The quartz monzonite is a medium grained equi-granular granitic rock with potassium feldspar, plagioclase, quartz and hornblende and it is located in the southern part of the property.

The mineralization is found within quartz veining in the Karmutsen Formation.

All geology information from G. Walton 1983, Geological and geochemical program Marino, Kilpala 1-6 and Fido A-H mineral claims Nimpkish Lake, B.C. (unpublished report)

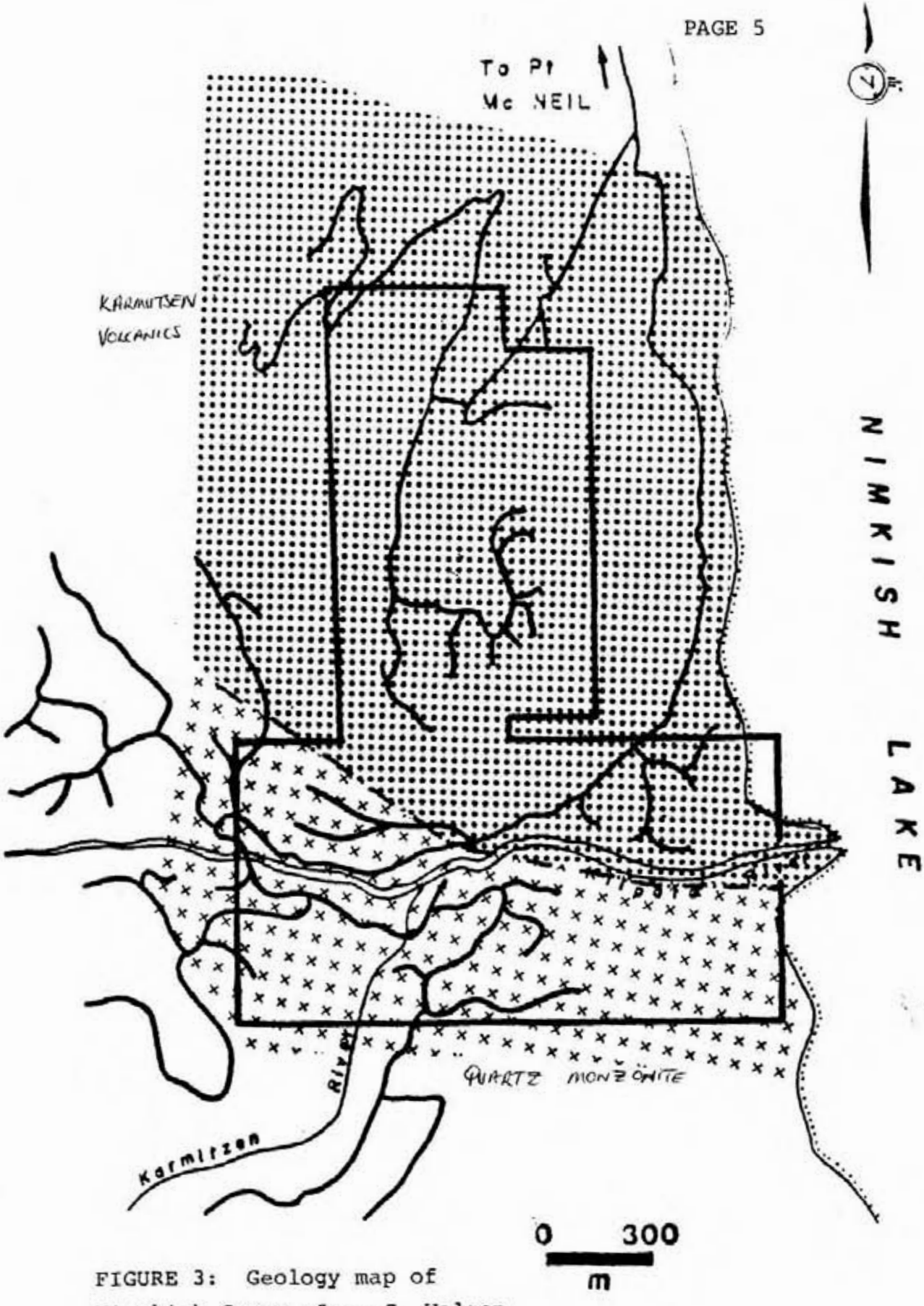


FIGURE 3: Geology map of
Nimpkish Group after G. Walton

GEOCHEMICAL INTERPRETATION

693 soil samples were collected from the B horizon at usually 10-20 cm depth, where no B horizon was found no samples were taken. The samples were placed in kraft sample bags and sent to ACME Analytical Labs. Ltd. Vancouver, for geochemical analysis for Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, U, Au, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Ti, B, Al, Na, K, and W and AA for Au and Hg.

A .500 gram sample is digested with 3 ml of 3:1:3 HCL to HNO_3 to H_2O at 90° for 1 hour. The sample is diluted to 10 mls with water, and is aspirated by Inductively Coupled Argon Plasma (ICP). Determination is by a direct reading ICP Emission Spectrometer. This leach is partial for Ca, P, Al, Ti, La, Na, K, W, Sr, Cr, and B. Very little Ba is dissolved. The Au detection limit is 3 ppm so an additional Au analysis is done by AA from a 10 gram sample and Hg analysis is done by flameless AA from a .500 gram sample.

Mo, Cu, Pb, Zn, Ag, As, Au, and Hg have been plotted on grid lines and contoured (Figure 4 to Figure 11). None of the other elements shows any significant anomalies.

Significant anomalies of Mo (92 ppm), Cu (751 ppm, Zn (496 ppm) and Hg (580 ppb) as well as Au (80 ppb) and As (27 ppm) are located in the southeastern corner of the property, adjacent to a massive sulphide showing with chalcopyrite and molybdenite, with a east-west strike. Smaller anomalies of these elements are located along strike to the west where overburden is thicker indicating a considerable strike extent.

Significant anomalies of Mo (46 ppm), Zn (298 ppm) Ag (1.2 ppm), Au (230 ppb) and Hg (430 ppb) are located

on both sides along strike and down slope from the main showing of quartz veins with chalcopyrite, sphalerite± molybdenite indicating a strike length of the quartz veining of up to 1100m.

Two Ag anomalies with highs of 2.1 ppm and 3.9 ppm were found. The anomaly in the north eastern part of the property is related to Au (85 ppb) and Hg (1000 ppb) anomalies. These anomalies are in steep slopes with wide line and station spacing and additional detail sampling should be done.

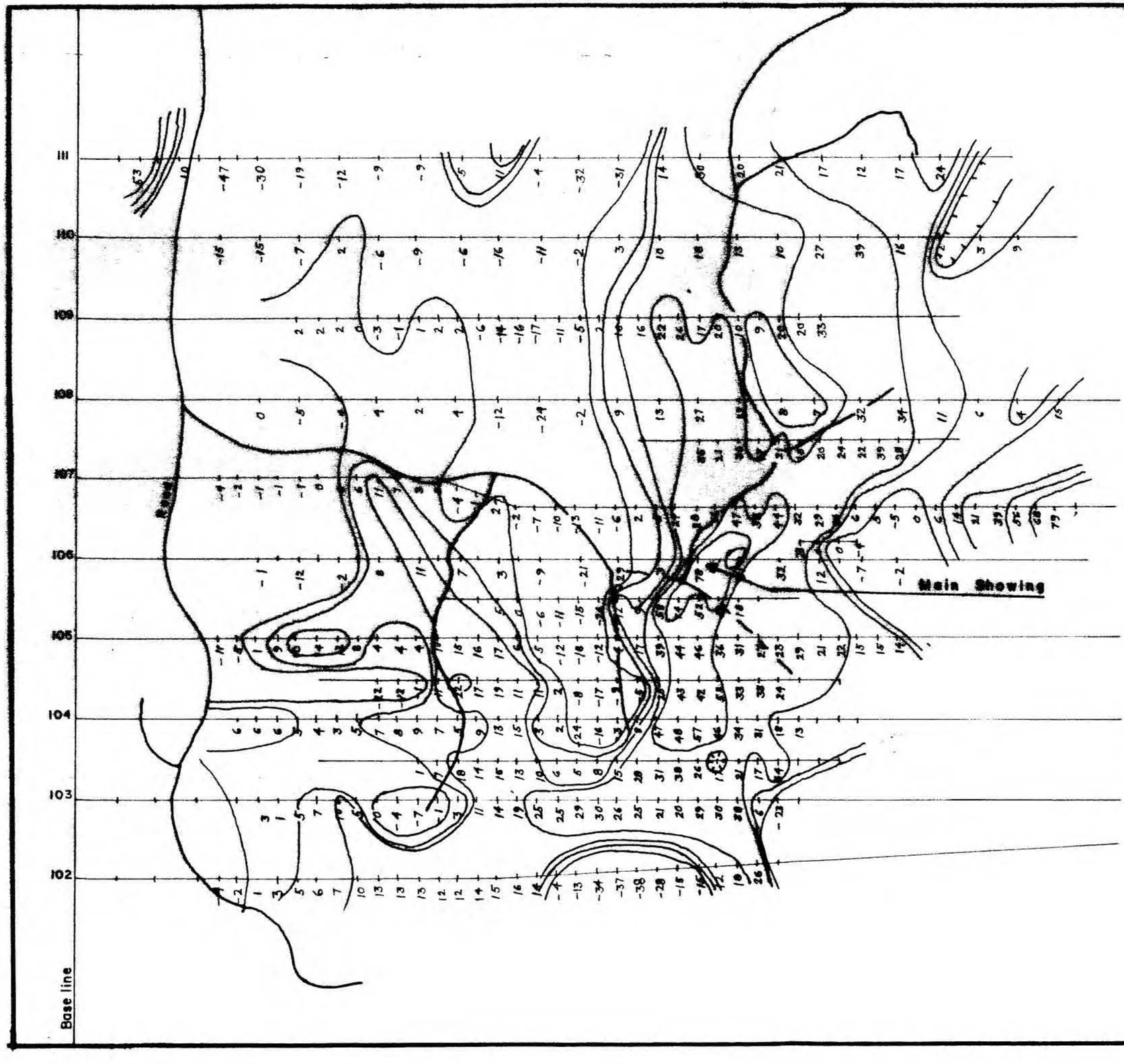
Several high Pb values were found, but too much emphasis cannot be put into these values since they are located in - or adjacent to logging areas where a lot of equipment could have caused comtamination.

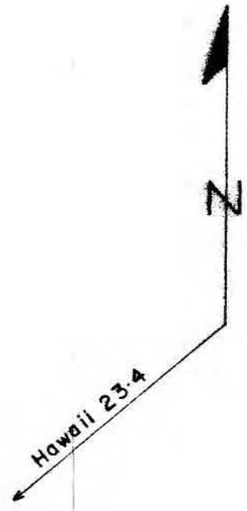
As anomalies follows, lines which suggest that they are contaminated or there have been analytical mistakes.

A number of Hg anomalies are found all over the property but most are small, and considering the mobility of the Hg, much emphasis cannot be put in them. A large anomaly is located in the north end of the property and additional sampling should be done here.

VLF - EM INTERPRETATION

The VLF-EM survey was done with an EM 16 tuned in to Hawaii with a frequency of 23.4kHz, located 6000km to the southwest. The VLF-EM data was Fraser Filtered for production of psuedo sections. Depending on the station spacing various levels from the pseudo sections were taken to produce two levels $2n_v$, at 50 m below surface, and 4n, at 100m below surface (Figure 12 and 13).





FALCONBRIDGE LIMITED

PROPERTY: Nimpkish

LOCATION: Vancouver Island

TYPE OF MAP: E.M.16 Fraser Filter
Pseudo section 2n

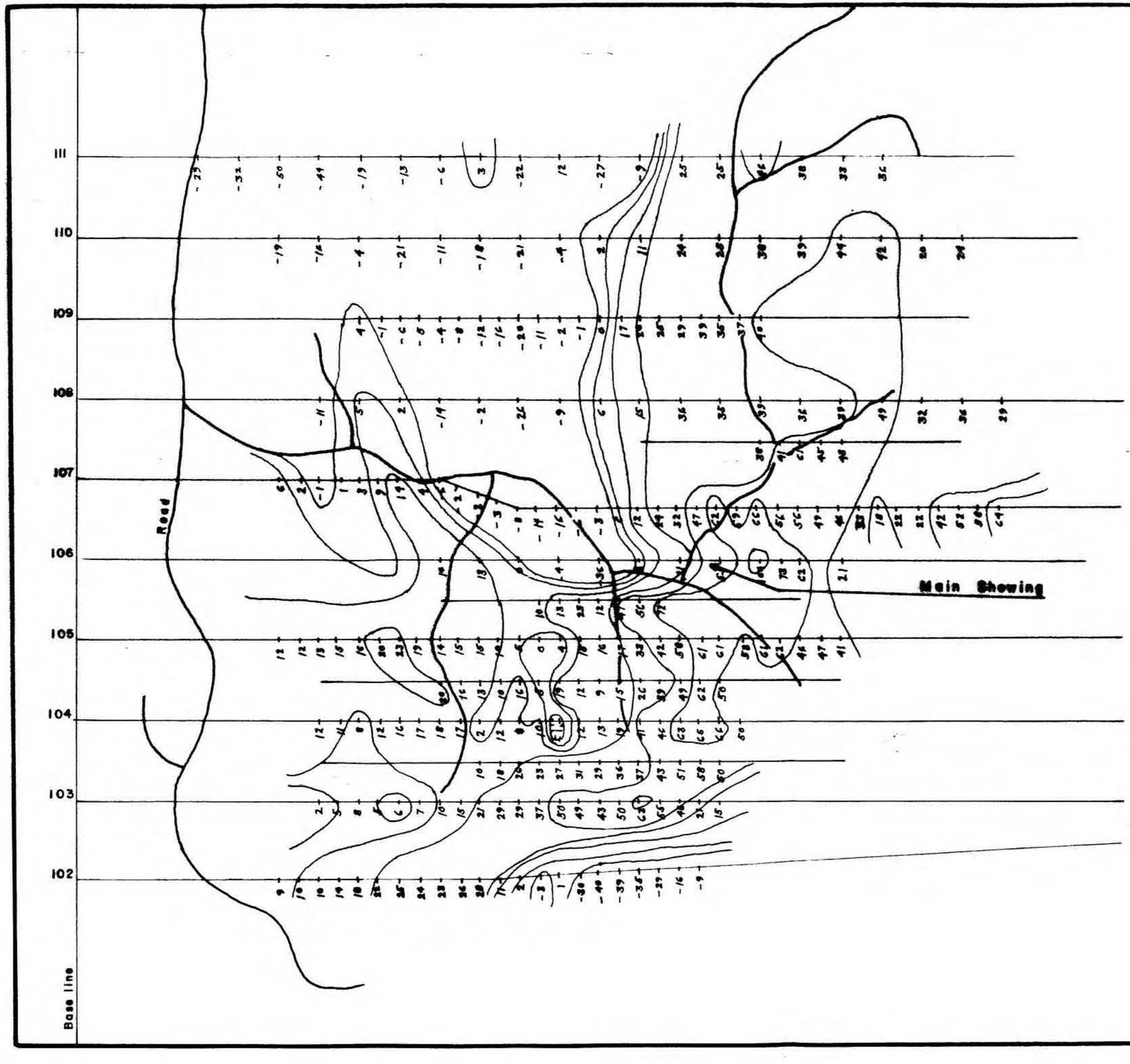
BASED ON: Fieldwork by T. B.

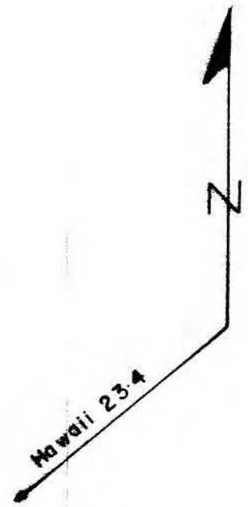
DRAWN BY: G.T Nov. 83

N.T.S. NO.: 92-L-6

100 0 100 200m.

SCALE. 1:5·000





FALCONBRIDGE LIMITED

PROPERTY: Nimpkish

LOCATION: Vancouver Island

TYPE OF MAP: E.M.16 Fraser Filter
Pseudo section 4n

BASED ON: Fieldwork by T.B.

DRAWN BY: G.T Nov. 83

N.T.S. NO.: 92-L-6

100 0 100 200 m.

SCALE. 1:5·000

Two conductors were outlined, one strong one underneath the main showing at about 800 m at N040E and a weaker one farther to the west at about 400 m at N330E. Additional work should be done with closer station spacing to give a better outline of the conductors. The VLF-EM grid should be extended to both sides since the strong conductor is open on both sides.

STATEMENT OF COSTS

A TRAVEL:	
Two trucks Horseshoe Bay-Nanaimo return	
Four men.	$ 92.60
B CAMP AND SAMPLING:	
Room and board 4 men for 20 days @ $25.00	2,000.00
Rent of 2 trucks for 20 days @ $30.00	1,200.00
Project Geologist, July 26/83 to August 14/83	
Total of 20 days @ $140.00	2,800.00
Geologist, July 26/83 to August 14/83.	
Toatal of 20 days @ $90.00	1,800.00
Two Assisstants, July 26/83 to August 14/83	
Total of 20 days @ $50.00	2,000.00
Rent of VLF-EM unit 20 days @ $15.00	300.00
C ANALYSING	
Analysing 693 samples	
693 sample preparation @ $1.75	1,212.75
693 ICP analysis @ $5.50	3,811.50
693 Au assays @ $3.75	2,598.75
693 Hg assays @ $3.00	2,079.00

continued on next page.....

D REPORT:

Compilation and report	
Project Geologist 4 days @ $140.00	560.00
Drafting and map preparation	
Geologist 7 days @ $90.00	630.00
TOTAL	21,084.60

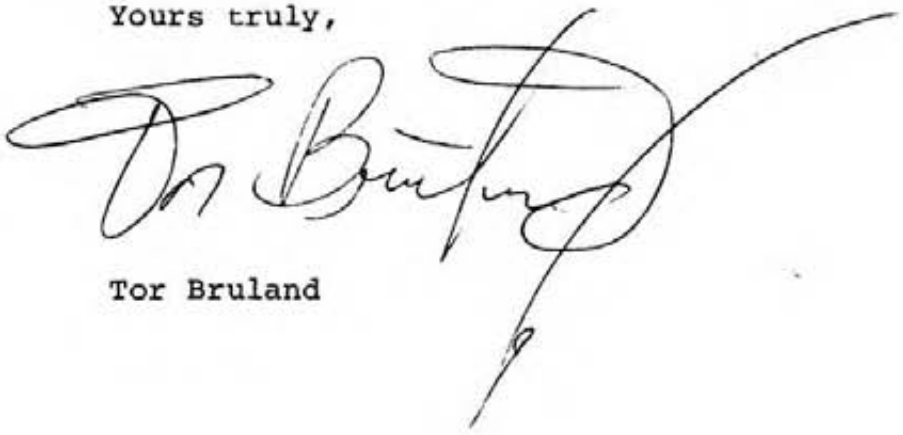
STATEMENT OF QUALIFICATIONS

FOR

TOR BRULAND

Mr. Tor Bruland graduated from the University of Bergen, Norway in 1977 with a Cand. Mag. (B. Sc.) and in 1980 with a Cand, Real (M. Sc.), and has worked as an exploration geologist in B.C. and the Yukon since 1980. He is a member of the Geological Association of Canada.

Yours truly,



Tor Bruland

APPENDIX A

GEOCHEMICAL RESULTS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS, VANCOUVER B.C. PH:253-3158 TELEX:04-53124

ICP GEOCHEMICAL ANALYSIS

A .500 GRAM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 90 DEG.C. FOR 1 HOUR. THE SAMPLE IS DILUTED TO 10 MLS WITH WATER.
THIS LEACH IS PARTIAL FOR: Ca,P,Mg,Al,Ti,La,Na,K,W,Ba,Si,Sr,Cr AND B. Au DETECTION 3 ppm.
AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE. Hg* ANALYSIS BY FLAMELESS AA FROM .500 GRAM SAMPLE. SAMPLE TYPE - SOIL

DATE RECEIVED AUG 18 1983 DATE REPORTS MAILED Aug 24/83 ASSAYER D Toye DEAN TOYE, CERTIFIED B.C. ASSAYER

FALCONBRIDGE FILE # 83-1699 GROUP - NB

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg* ppb
100 93E	1	47	8	29	.1	14	6	204	7.77	116	2	ND	2	8	1	3	2	250	.24	.05	3	78	.21	13	.57	2	4.34	.01	.02	2	5	260
100 93+50E	1	56	12	39	.1	20	9	236	7.14	131	2	ND	2	14	1	2	4	260	.35	.03	4	74	.32	25	.64	2	4.21	.01	.02	2	5	180
100 94E	1	127	7	40	.1	29	22	943	5.62	103	2	ND	2	18	1	2	3	165	.52	.05	8	67	.61	37	.46	5	5.48	.01	.03	2	5	190
100 94+50E	1	50	8	26	.1	14	6	377	5.66	93	2	ND	2	10	1	2	4	177	.30	.05	2	54	.27	16	.45	4	3.78	.01	.03	2	5	260
100 95E	1	54	5	30	.1	18	9	222	7.44	90	2	ND	2	7	1	2	3	184	.28	.05	3	85	.26	14	.47	2	6.38	.01	.02	2	5	260
100 95+50E	1	52	12	33	.1	17	8	234	7.81	134	10	ND	2	14	1	2	3	269	.46	.04	2	78	.25	22	.64	13	4.19	.01	.03	2	5	180
100 96E	1	78	10	42	.1	27	16	363	6.29	113	2	ND	2	14	1	2	3	208	.52	.05	3	76	.50	18	.57	3	5.19	.01	.02	2	5	150
100 96+50E	1	61	17	52	.1	22	14	315	8.91	147	5	ND	2	11	1	2	2	288	.37	.04	2	76	.26	24	.69	2	4.90	.01	.02	2	10	190
100 97E	1	45	14	61	.1	16	36	877	5.95	96	2	ND	2	22	1	2	5	180	.38	.03	3	44	.18	18	.48	3	2.27	.01	.03	2	20	140
100 97+50E	1	52	13	52	.1	24	60	2181	6.49	94	4	ND	2	17	1	2	3	207	.47	.07	2	43	.39	30	.50	3	2.86	.02	.03	2	15	160
100 98E	1	50	8	49	.1	35	15	541	5.78	89	5	ND	2	16	1	2	2	168	.39	.04	2	72	.67	17	.41	3	3.48	.02	.02	2	5	140
100 98+50E	1	106	9	58	.1	41	21	697	5.36	82	7	ND	2	13	1	2	2	149	.41	.06	2	64	.69	21	.39	3	5.07	.02	.03	2	5	240
100 99E	1	102	6	71	.1	60	23	484	5.97	76	2	ND	2	14	1	2	2	137	.35	.04	2	78	.66	21	.36	4	6.73	.02	.03	2	5	220
100 99+50E	1	50	13	39	.1	21	9	399	5.18	90	4	ND	2	22	1	2	3	158	.51	.05	2	53	.47	16	.44	4	3.25	.02	.02	2	5	100
105 109+50E	1	51	16	73	.1	20	9	438	7.59	112	2	ND	2	15	2	2	2	256	.53	.04	2	90	.38	15	.55	4	4.12	.01	.02	2	30	120
105 110E	1	13	16	19	.1	10	3	146	7.50	105	5	ND	2	15	1	2	2	250	.35	.02	2	73	.20	7	.49	2	1.49	.01	.01	2	5	40
105 110+50E	1	70	13	91	.1	26	12	285	8.53	121	2	ND	2	13	2	2	2	216	.38	.04	2	126	.62	16	.57	7	5.74	.01	.01	2	10	260
105 111E	1	23	21	57	.1	14	11	317	9.99	162	4	ND	2	12	1	2	2	325	.33	.02	2	85	.26	11	.76	2	1.99	.01	.01	2	15	80
105 111+50E	1	50	17	71	.1	17	8	233	8.67	149	5	ND	2	10	1	2	2	321	.34	.03	2	86	.27	13	.72	2	3.57	.01	.02	2	5	200
105 112E	1	63	14	80	.1	28	33	846	7.75	109	2	ND	2	12	1	2	2	233	.46	.03	2	83	.56	15	.50	3	3.61	.01	.01	2	5	120
105 113E	1	36	13	37	.1	30	9	411	7.39	118	2	ND	2	11	1	2	2	253	.38	.03	2	93	.99	11	.56	2	3.05	.01	.01	2	5	130
118 100E	1	29	19	25	.1	9	6	133	9.35	160	7	ND	2	8	1	2	2	374	.18	.01	2	61	.11	9	.79	3	1.78	.01	.01	2	5	60
118 101E	1	47	19	35	.1	14	9	212	9.57	174	6	ND	2	13	1	2	2	330	.30	.02	2	79	.36	9	.85	2	2.11	.01	.02	2	5	100
118 102E	1	43	23	24	.1	16	5	191	10.55	148	5	ND	2	11	1	2	2	326	.25	.02	2	102	.34	8	.71	2	2.94	.01	.01	2	5	440
118 103E	1	114	3	55	.1	43	15	298	6.10	99	2	ND	2	17	2	2	2	146	.41	.02	2	144	.86	11	.48	4	9.80	.01	.01	2	5	420
118 104E	1	67	15	53	.1	28	23	509	6.17	123	2	ND	2	19	2	2	2	194	.49	.02	2	103	.75	11	.59	3	4.00	.01	.01	2	15	210
118 105E	1	57	11	38	.1	19	7	161	5.96	133	3	ND	2	13	1	2	2	227	.37	.02	2	98	.38	13	.68	2	5.46	.02	.01	2	5	200
118 106E	1	126	10	37	.1	28	16	372	3.56	80	4	ND	2	29	1	2	2	104	.90	.02	3	45	.93	24	.38	3	2.73	.03	.02	2	5	70
118 107E	1	120	7	91	.1	61	39	1935	5.00	62	2	ND	2	37	1	2	2	127	1.06	.04	2	78	2.12	26	.30	8	3.59	.02	.03	2	45	1000
118 108E	1	58	23	15	1.1	16	6	200	14.00	158	5	ND	2	7	1	2	2	342	.23	.02	4	147	.26	10	.81	2	4.58	.01	.02	2	10	350
118 109E	1	72	15	38	.1	26	14	563	5.91	94	2	ND	2	17	1	2	3	182	.60	.04	2	78	.75	11	.47	4	3.71	.02	.03	2	5	380
118 110E	1	69	9	36	.1	20	12	225	8.93	141	4	ND	2	10	1	2	2	304	.28	.03	4	125	.33	14	.70	2	5.48	.01	.02	2	5	400
118 111E	1	100	8	46	.1	25	9	204	7.48	126	2	ND	2	10	1	2	3	249	.31	.03	4	119	.44	11	.63	2	6.21	.01	.02	2	5	340
118 112E	1	74	16	44	.1	24	25	330	8.77	137	4	ND	2	12	1	2	2	289	.43	.04	4	107	.42	16	.68	3	5.15	.01	.01	2	5	240
118 113E	1	78	11	51	.1	28	15	347	7.27	132	2	ND	2	12	1	2	5	246	.40	.03	4	107	.51	14	.64	4	5.46	.01	.02	2	5	280
120 100E	1	36	17	25	.1	19	6	138	8.67	107	8	ND	2	12	1	2	2	314	.19	.02	2	115	.43	7	.53	3	2.24	.01	.02	2	5	110
120 101E	1	140	20	51	1.3	21	9	390	16.48	161	3	ND	2	11	1	2	2	400	.24	.02	3	158	.42	9	.79	2	3.82	.01	.02	2	5	180
STD A-1	1	30	37	188	.3	36	13	1062	2.82	10	2	ND	2	36	1	2	2	56	.61	.10	8	71	.74	278	.08	6	2.00	.02	.19	2	5	55

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg* ppb
120 102E	1	94	10	53	.1	25	10	217	9.72	13	2	ND	2	7	2	2	2	229	.14	.03	2	173	.50	11	.60	4	8.14	.01	.01	2	5	430
120 103E	1	37	5	25	1.4	13	5	152	10.05	21	2	ND	2	8	1	2	3	393	.25	.02	2	126	.28	7	.90	2	2.67	.01	.01	2	5	210
120 104E	1	70	9	47	.1	19	12	251	7.28	15	2	ND	2	12	1	2	2	286	.30	.01	2	109	.50	11	.74	4	3.26	.01	.01	2	5	150
120 106E	1	35	5	14	.1	9	3	94	8.08	19	2	ND	2	6	1	2	2	295	.15	.02	2	80	.15	7	.67	4	3.14	.01	.01	2	5	370
120 107E	1	36	8	21	.1	11	5	167	9.69	15	2	ND	2	6	1	2	2	290	.13	.03	2	122	.12	8	.64	4	4.26	.01	.01	2	5	260
120 108E	1	233	9	80	.1	65	19	400	6.91	7	2	ND	2	11	1	2	2	202	.26	.03	4	118	1.13	56	.50	4	6.03	.01	.03	2	5	220
120 109E	1	35	10	14	2.1	11	3	99	11.25	15	2	ND	2	3	1	2	2	273	.12	.03	2	160	.17	4	.58	2	5.72	.01	.01	2	5	250
120 110E	1	79	4	22	.1	13	4	196	6.30	2	2	ND	2	6	1	2	2	150	.17	.04	2	117	.28	8	.36	6	8.59	.01	.01	2	85	290
120 111E	1	61	10	39	.1	23	12	315	7.58	24	3	ND	2	9	1	2	3	268	.39	.03	2	95	.44	16	.70	6	4.36	.01	.01	2	5	180
122 100E	2	114	10	51	3.2	27	9	204	13.42	24	2	ND	2	8	1	2	2	376	.18	.03	2	115	.53	12	.68	2	3.21	.01	.02	2	5	110
122 101E	1	44	7	44	.1	23	8	196	9.87	21	2	ND	2	10	1	2	2	398	.21	.02	2	119	.54	11	.78	2	2.81	.01	.01	2	5	120
122 102E	1	62	5	54	1.7	19	23	307	10.43	21	9	ND	2	11	2	2	2	324	.27	.03	2	109	.39	11	.80	2	3.04	.01	.01	2	5	100
122 104E	1	61	7	37	1.4	19	9	176	10.38	25	2	ND	2	8	1	2	2	301	.25	.02	2	139	.33	7	.78	2	4.39	.01	.01	2	5	190
122 105E	1	85	7	40	.1	25	14	215	7.73	18	2	ND	2	10	2	2	2	261	.28	.02	2	119	.44	9	.67	4	5.30	.01	.02	2	5	230
122 106E	1	34	4	24	.1	12	5	172	8.53	19	5	ND	2	8	2	2	2	344	.26	.03	2	106	.27	7	.79	4	2.84	.01	.01	2	5	200
122 107E	1	55	4	29	.1	16	7	198	6.31	8	2	ND	2	6	1	2	4	171	.22	.03	3	103	.27	9	.53	4	6.31	.01	.01	2	5	300
122 109E	1	43	5	26	.1	17	8	311	4.73	14	2	ND	2	10	1	2	3	164	.23	.03	2	83	.31	11	.51	5	3.86	.01	.01	2	5	260
122 110E	1	49	7	23	.1	12	3	105	6.69	13	2	ND	2	5	1	2	2	208	.12	.03	3	101	.19	9	.59	4	5.58	.01	.01	2	5	230
122 111E	1	78	7	35	.1	27	13	469	3.00	10	3	ND	2	21	1	2	2	100	.78	.04	2	38	.99	14	.28	5	2.11	.01	.01	2	5	60
124 100E	1	145	14	85	.1	30	52	1372	8.01	14	2	ND	2	10	1	2	2	198	.26	.04	4	107	.55	23	.48	4	6.52	.01	.01	2	5	380
124 101E	1	30	4	22	.1	13	6	275	8.40	21	6	ND	2	8	1	2	2	317	.30	.02	2	85	.28	8	.65	2	3.01	.01	.02	2	5	230
124 102E	1	33	10	97	1.6	23	68	4566	10.38	13	4	ND	2	8	1	2	2	281	.33	.03	2	121	.23	23	.41	2	3.77	.01	.01	2	15	150
124 104E	2	58	6	43	3.9	18	14	304	14.51	17	2	ND	2	8	1	2	2	359	.25	.02	2	136	.33	7	.83	2	4.34	.01	.01	2	5	160
124 105E	1	30	2	23	.1	13	6	157	6.79	20	3	ND	2	11	1	2	2	286	.32	.01	2	107	.24	8	.65	3	2.29	.01	.02	2	5	100
124 106E	1	71	7	35	.1	22	9	220	7.48	13	2	ND	2	10	1	2	2	214	.30	.03	3	131	.41	10	.60	2	5.80	.01	.01	2	5	240
124 107E	1	45	8	28	.1	18	8	298	8.38	13	4	ND	2	10	1	2	4	261	.29	.02	2	122	.38	9	.67	2	5.09	.01	.01	2	5	270
124 108E	1	26	2	14	.1	9	3	101	7.13	10	2	ND	2	7	1	2	2	307	.19	.01	3	89	.14	7	.69	3	3.10	.01	.01	2	5	280
124 109E	1	59	7	33	.1	19	8	147	6.21	2	2	ND	2	7	1	5	5	208	.20	.03	4	110	.30	8	.56	3	6.64	.01	.02	2	5	250
124 110E	1	80	4	36	.1	31	14	232	5.03	9	2	ND	2	14	1	2	5	174	.34	.01	3	83	.63	32	.55	3	4.51	.01	.01	2	5	240
124 111E	1	66	7	22	.1	16	5	139	9.32	5	2	ND	2	6	1	2	2	220	.18	.03	3	158	.30	9	.57	3	7.20	.01	.01	2	5	440
STD A-1	1	30	39	184	.3	35	13	1032	2.59	10	2	ND	2	36	1	2	2	56	.60	.10	8	72	.75	279	.09	7	2.06	.02	.20	2	5	55

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au# ppb	Hg# ppb
93 96E	1	109	8	37	.2	28	14	573	5.21	5	7	ND	2	17	1	2	3	160	.56	.04	6	62	.70	57	.41	4	5.00	.02	.02	2	5	160
93 96+50E	1	60	9	32	.2	20	8	209	6.96	10	9	ND	2	12	1	2	2	248	.43	.05	2	59	.42	26	.53	5	4.00	.01	.02	2	5	150
93 97E	1	69	8	36	.1	21	9	228	7.32	14	7	ND	2	13	1	2	2	241	.45	.05	2	70	.47	27	.56	3	4.75	.01	.02	2	5	190
93 97+50E	1	52	9	31	.1	20	10	239	7.41	7	3	ND	2	17	1	4	2	244	.50	.03	3	68	.47	35	.57	4	4.20	.02	.02	2	5	130
93 98E	1	58	3	23	.2	18	6	180	7.82	2	5	ND	2	8	1	3	2	248	.29	.04	3	77	.33	17	.54	3	6.05	.02	.02	2	5	210
95 100E	1	177	5	67	.1	40	21	2798	4.38	5	4	ND	2	43	1	4	2	122	1.18	.06	5	51	1.10	51	.24	6	3.67	.02	.04	2	10	100
95 100+50E P	1	4	3	10	.1	1	1	80	.08	2	2	ND	2	13	1	2	2	2	.31	.04	2	2	.05	16	.01	3	.06	.01	.04	2	5	110
95 101E	2	65	10	44	.2	16	11	503	6.93	8	4	ND	2	14	1	5	2	214	.41	.05	4	55	.41	22	.43	3	3.99	.01	.05	2	5	130
95 101+50E	1	74	3	47	.1	19	14	416	7.63	6	11	ND	2	11	1	4	3	266	.40	.08	3	75	.28	25	.57	3	5.47	.01	.02	2	70	240
95 102E	1	124	11	48	.1	25	18	543	6.40	7	3	ND	2	14	1	2	4	209	.56	.09	4	60	.47	26	.50	4	4.63	.01	.02	2	5	50
95 102+50E	2	218	8	43	.1	36	20	783	6.47	12	2	ND	2	14	1	2	2	216	.46	.06	6	82	.65	44	.44	3	5.72	.01	.04	2	10	230
95 103E	1	56	5	36	.2	17	8	266	5.98	2	3	ND	2	18	1	7	2	204	.43	.04	2	45	.31	26	.48	3	3.28	.02	.01	2	10	130
95 103+50E	1	215	6	55	.2	36	27	528	6.60	12	4	ND	2	26	1	2	2	206	.66	.07	6	67	.75	30	.43	3	6.48	.02	.02	2	5	160
95 105E	1	9	5	14	.1	8	3	111	2.87	2	6	ND	2	22	1	4	2	129	.33	.02	2	15	.18	14	.23	3	.62	.02	.01	2	5	60
95 105+50E	1	8	8	16	.1	7	3	127	2.70	2	2	ND	2	25	1	4	2	122	.32	.02	2	15	.18	14	.22	2	.60	.02	.02	2	5	50
95 106E P	1	5	2	13	.1	1	1	92	.07	2	2	ND	2	26	1	2	2	2	.39	.05	2	1	.07	17	.01	3	.07	.01	.05	2	5	120
95 106+50E	1	77	7	43	.1	17	14	355	6.62	7	4	ND	2	23	1	2	2	195	.45	.05	2	43	.34	20	.44	2	3.32	.02	.01	2	5	90
95 107+50E P	1	16	5	20	.1	16	5	124	2.67	4	2	ND	2	24	1	2	2	110	.46	.03	2	25	.33	17	.28	3	.96	.03	.04	2	5	100
95 108E P	1	5	2	12	.1	1	1	110	.11	2	2	ND	2	13	1	2	2	4	.36	.03	2	3	.05	25	.01	18	.10	.01	.04	2	5	120
95 108+50E	1	72	8	30	.1	14	24	273	4.95	3	2	ND	2	13	1	2	2	170	.34	.03	4	39	.19	25	.41	4	2.44	.01	.01	2	5	90
95 109E	1	102	9	36	.1	20	31	323	5.74	4	2	ND	2	15	1	2	2	184	.40	.04	5	47	.27	27	.43	3	3.39	.02	.01	2	10	80
95 109+50E	1	64	10	54	.2	23	14	350	8.23	12	4	ND	2	13	1	2	2	303	.49	.06	4	92	.45	21	.69	3	5.72	.02	.01	2	10	140
95 110E	1	102	4	49	.1	32	16	511	4.34	5	4	ND	2	30	1	2	2	137	1.05	.04	3	65	1.06	17	.38	4	3.41	.02	.01	2	5	60
95 110+50E	1	92	7	38	.3	22	10	283	5.36	12	7	ND	2	20	1	2	2	138	.45	.11	5	92	.52	15	.33	4	8.46	.01	.01	2	5	240
95 111E	1	188	8	69	.2	43	21	712	5.01	9	3	ND	2	54	1	2	2	144	1.32	.05	3	102	1.54	19	.41	3	5.06	.02	.02	2	5	80
95 111+50E	9	167	10	116	.2	37	28	841	7.10	7	10	ND	2	19	2	2	2	198	.97	.07	5	88	.93	15	.49	5	4.42	.01	.01	2	5	130
95 112E	18	545	11	496	.3	57	73	3636	7.46	11	2	ND	2	21	5	2	2	165	.62	.11	7	110	.88	37	.36	3	5.78	.01	.01	2	5	120
95 112+50E	1	77	7	56	.3	26	9	388	5.37	9	5	ND	2	23	1	2	2	172	.60	.07	2	94	.56	17	.44	4	4.34	.01	.01	2	5	150
95 113E	1	31	6	39	.2	16	6	364	4.57	4	2	ND	2	43	1	2	2	138	.67	.07	2	72	.55	10	.27	2	2.05	.02	.01	2	5	30
95 113+50E	1	44	6	32	.2	12	7	622	5.36	2	3	ND	2	11	1	2	2	144	.32	.16	2	60	.28	15	.26	4	5.14	.02	.02	2	5	300
95 114E	1	27	6	25	.1	12	5	248	6.32	2	2	ND	2	15	1	2	2	180	.35	.26	2	79	.31	10	.27	3	3.78	.01	.01	2	5	130
95 114+50E	1	32	6	33	.1	11	5	326	4.31	2	5	ND	2	17	1	3	2	140	.40	.08	2	43	.25	22	.25	4	2.85	.02	.05	2	5	30
95 115E	1	76	8	29	.3	14	4	153	7.30	13	9	ND	2	8	1	4	2	208	.23	.06	2	116	.31	10	.38	3	7.76	.01	.01	2	5	340
95 115+50E	1	252	3	28	.5	16	5	176	5.12	8	2	ND	2	10	1	2	3	127	.31	.05	3	92	.33	14	.32	4	7.91	.01	.01	2	5	360
95 116+50E	5	254	5	43	.1	15	4	193	5.44	12	6	ND	2	12	1	2	2	151	.25	.04	4	56	.24	22	.31	3	4.43	.02	.01	2	10	110
95 117E	12	339	7	47	.3	18	8	233	6.23	27	2	ND	2	11	1	2	2	160	.23	.08	2	90	.30	12	.31	3	8.28	.01	.01	2	5	280
95 118E	1	77	7	28	.1	18	6	275	5.98	5	2	ND	2	17	1	2	2	169	.24	.06	2	73	.57	8	.32	2	2.56	.02	.01	2	5	60
STD A-1	1	29	38	184	.3	35	12	989	2.78	10	2	ND	2	35	1	2	2	58	.56	.10	7	73	.72	280	.08	6	2.05	.02	.20	2	5	50

P -20 mesh pulverized. (not enough sal)

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg* ppb
95 118+50E	1	106	10	47	.3	13	7	300	4.95	4	4	ND	2	45	1	2	3	176	.69	.06	2	37	.41	13	.47	2	2.73	.01	.01	2	5	80
95 119E	1	92	10	51	.1	27	11	296	6.86	14	2	ND	2	12	1	2	2	248	.67	.13	2	96	.59	16	.52	4	6.31	.01	.01	2	5	140
95 119+50E	1	75	9	49	.1	27	14	386	6.78	9	6	ND	2	16	1	2	2	250	.72	.11	2	91	.51	15	.53	2	5.55	.01	.01	2	50	200
95 120E	1	129	9	41	.1	35	18	645	5.90	9	6	ND	2	13	1	2	2	228	.63	.14	2	85	.76	20	.49	4	6.96	.01	.01	2	10	250
95 120+50E	1	128	8	43	.1	37	18	655	5.90	11	4	ND	2	12	1	2	3	225	.68	.13	2	85	.82	18	.50	3	6.69	.01	.01	2	5	240
95 121E	1	125	9	44	.1	37	17	572	5.78	7	5	ND	2	14	1	2	2	220	.73	.12	2	81	.85	18	.50	3	6.39	.01	.01	2	5	180
96 99+50N	2	63	9	42	.1	21	11	864	4.17	6	2	ND	2	20	1	2	2	153	.53	.09	2	39	.49	70	.38	4	3.42	.02	.07	2	5	160
96 99N	2	50	11	30	.1	17	9	354	4.80	9	2	ND	2	16	1	2	2	151	.39	.05	3	41	.38	69	.34	3	4.45	.02	.02	2	5	120
96 98+50N	1	38	8	40	.1	13	7	251	5.67	9	2	ND	2	11	1	2	2	215	.28	.05	2	52	.24	27	.42	2	4.45	.02	.01	2	5	160
96 98N	1	44	6	33	.1	15	9	302	4.61	2	2	ND	3	17	1	2	2	158	.31	.04	4	45	.34	49	.30	3	4.91	.02	.02	2	5	200
96 97+50N	10	79	3	33	.1	24	14	608	4.16	3	4	ND	2	16	1	2	2	158	.60	.04	5	63	.59	25	.40	3	4.74	.01	.01	2	5	180
96 97N	2	39	13	32	.1	16	6	186	7.07	7	5	ND	2	6	1	2	2	222	.21	.03	2	108	.20	13	.48	4	8.46	.01	.01	2	5	220
99 99+50N	1	177	8	64	.1	36	14	679	5.48	10	2	ND	2	19	1	2	3	177	.43	.08	2	65	.68	29	.42	4	4.20	.02	.02	2	5	250
99 99N	1	95	8	72	.2	37	31	1091	5.15	5	2	ND	2	16	1	2	2	138	.33	.08	2	67	.63	32	.31	4	5.30	.02	.01	2	5	220
99 98+50N	1	43	7	36	.1	19	14	742	6.06	3	2	ND	2	18	1	2	2	272	.49	.13	2	71	.33	28	.50	5	2.82	.02	.02	2	5	140
99 98N	1	97	8	33	.1	23	15	549	7.19	8	4	ND	2	11	1	2	2	262	.37	.05	3	78	.37	23	.58	2	5.29	.01	.02	2	5	220
99 97+50N	1	62	7	42	.1	20	16	405	7.65	14	2	ND	2	15	1	2	4	272	.44	.05	2	68	.38	24	.59	2	3.61	.01	.01	2	10	160
99 97N	1	93	8	35	.1	29	17	481	6.63	7	2	ND	2	13	1	3	3	240	.43	.04	4	78	.55	27	.58	3	5.49	.02	.01	2	5	180
99 96+50N	9	95	10	48	.1	25	20	672	6.77	11	4	ND	2	11	1	2	3	238	.44	.06	5	83	.41	18	.62	3	5.59	.01	.03	2	5	340
99 96N	1	63	10	45	.1	26	16	452	7.24	7	2	ND	2	16	1	2	3	293	.52	.05	6	89	.48	29	.67	3	5.00	.01	.01	2	5	180
99 95+50N	1	77	5	48	.1	26	20	663	6.27	13	2	ND	2	13	1	2	4	242	.56	.07	4	96	.46	20	.59	5	6.16	.01	.01	2	5	230
99 95N	1	50	9	30	.1	16	9	284	6.10	3	2	ND	2	12	1	2	4	260	.40	.06	3	87	.24	17	.59	4	4.64	.01	.01	2	10	210
99 94+50N	1	49	10	25	.1	16	8	324	7.46	7	5	ND	2	10	1	5	3	300	.44	.05	2	96	.28	10	.70	2	4.53	.01	.01	2	5	240
99 93+50N	1	52	6	36	.1	19	11	302	6.66	12	2	ND	2	17	1	4	3	266	.55	.06	5	82	.29	29	.55	4	4.23	.01	.01	2	5	190
99 93N	1	49	14	26	.5	15	7	150	9.38	13	5	ND	2	9	1	3	2	435	.27	.04	5	92	.15	16	.74	2	5.36	.01	.01	2	10	170
99 100E P	1	63	7	93	.1	53	39	1441	4.79	6	2	ND	2	41	1	2	2	137	.66	.04	5	108	1.60	43	.18	3	5.63	.02	.03	2	5	180
99 101E	2	67	11	47	.1	40	42	212	4.83	10	2	ND	2	45	1	2	2	147	.44	.04	6	97	.67	18	.35	4	7.71	.02	.01	2	5	80
99 101+50E	2	44	12	57	.1	22	25	159	6.03	12	2	ND	2	42	1	3	2	210	.37	.04	3	72	.32	15	.52	2	4.35	.02	.01	2	5	70
99 102E	1	68	9	61	.1	30	16	307	6.34	12	2	ND	2	29	1	2	2	216	.36	.05	3	83	.49	30	.50	3	5.29	.01	.01	2	10	170
99 102+50E	1	6	5	45	.1	15	10	623	3.70	5	2	ND	2	43	1	2	2	109	.48	.03	2	60	.34	15	.31	3	1.32	.01	.01	2	90	80
99 103E	1	29	7	29	.1	17	7	693	5.18	8	3	ND	2	27	1	3	3	186	.47	.10	2	90	.52	10	.38	4	2.90	.01	.01	2	5	130
99 103+50E	1	52	13	40	.1	21	8	207	6.01	10	2	ND	2	24	2	2	2	219	.55	.04	2	88	.51	15	.54	3	3.23	.01	.01	2	5	120
99 104E	1	35	3	33	.1	13	5	184	6.63	3	2	ND	2	17	1	2	2	232	.32	.09	2	72	.32	13	.36	3	4.36	.01	.01	2	5	80
99 104+50E	1	85	10	48	.1	24	10	318	6.61	7	2	ND	2	21	2	2	2	218	.48	.07	2	90	.65	17	.52	2	5.77	.01	.01	2	5	220
99 105E	1	74	10	37	.1	21	9	243	5.98	9	2	ND	2	20	1	2	3	224	.51	.05	2	64	.54	18	.52	4	4.35	.01	.01	2	15	80
99 105+50E	1	11	9	35	.1	22	12	325	3.29	6	2	ND	2	48	1	2	6	159	.72	.02	2	80	.85	22	.50	2	1.53	.02	.01	2	5	60
99 106+50E	1	357	6	193	.1	35	15	376	4.83	16	5	ND	2	26	4	2	2	178	.75	.03	4	168	.65	13	.37	4	5.86	.02	.01	2	5	180
STD A-1	1	29	37	183	.3	37	12	1021	2.55	9	2	ND	2	34	1	2	2	60	.59	.10	7	74	.74	290	.08	6	2.10	.02	.20	2	5	50

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au# ppb	Hg# ppb
99 107E	1	52	5	36	.1	17	7	192	7.65	6	2	ND	2	15	1	2	5	262	.52	.04	2	70	.38	19	.61	2	3.52	.01	.01	2	15	120
99 107+50E	1	66	10	37	.1	15	6	191	6.90	10	3	ND	2	14	1	2	5	248	.50	.03	2	60	.28	13	.53	2	2.94	.01	.01	2	5	60
99 108E	1	28	7	21	.2	11	4	123	4.89	6	2	ND	2	16	1	2	3	192	.43	.01	2	39	.25	15	.43	3	1.69	.01	.01	2	5	40
99 108+50E	1	43	10	29	.2	18	6	164	7.74	11	2	ND	2	15	1	2	3	264	.55	.02	2	69	.35	13	.57	2	3,11	.02	.02	2	5	40
99 109E	1	83	11	34	.2	21	9	217	6.10	8	2	ND	2	15	1	2	2	207	.50	.04	2	74	.45	13	.47	5	4.58	.01	.01	2	5	170
99 109+50E	1	87	10	45	.1	25	14	798	6.94	10	2	ND	2	17	2	2	2	252	.78	.03	2	73	.51	18	.61	4	4.27	.01	.01	2	5	80
99 110E	2	182	8	81	.8	32	20	479	6.99	10	2	ND	2	15	2	2	2	218	.90	.07	5	87	.73	15	.55	4	6.58	.01	.01	2	5	280
99 110+50E	14	139	10	165	.1	23	26	382	7.59	9	2	ND	2	19	2	2	3	252	.69	.04	2	68	.55	17	.61	2	3.37	.01	.01	2	5	70
99 111+50E	12	63	11	47	.2	14	8	327	7.26	7	2	ND	2	19	1	2	4	225	.48	.05	2	59	.25	13	.50	3	2.74	.01	.01	2	5	60
99 112+50E	17	245	9	53	.3	43	35	402	6.24	12	3	ND	2	18	2	2	2	185	.88	.04	3	69	.63	16	.46	4	5.20	.01	.01	2	5	120
99 115E	12	59	12	46	.1	17	12	407	5.19	6	2	ND	2	28	1	3	5	161	.68	.04	2	38	.50	13	.44	2	2.58	.02	.01	2	5	50
99 115+50E	3	44	9	36	.1	12	5	195	5.60	2	2	ND	2	16	1	2	3	187	.46	.05	2	44	.29	13	.34	2	3.04	.01	.01	2	5	40
99 116E	92	407	7	65	.2	48	35	433	8.32	14	2	ND	2	41	1	2	2	194	.42	.13	2	66	.55	26	.23	4	7.07	.01	.03	2	10	120
99 116+50E	1	751	9	139	.4	75	24	693	7.48	12	4	ND	2	165	2	2	3	186	1.08	.09	2	172	2.39	30	.54	2	7.29	.01	.03	2	5	130
99 117+50E	1	34	4	29	.1	12	5	158	3.76	3	3	ND	2	18	1	2	3	113	.32	.03	3	31	.23	22	.25	2	2.96	.01	.01	2	5	80
99 118E	1	57	5	62	.2	32	14	304	5.22	5	2	ND	2	39	1	2	2	154	.47	.06	2	78	.69	33	.41	3	4.46	.01	.02	2	5	110
99 118+50E	1	78	9	42	.1	17	11	288	8.50	5	6	ND	2	11	1	2	3	301	.33	.07	3	87	.24	23	.63	2	5.42	.01	.01	2	5	270
99 119E	1	40	4	42	.1	16	13	316	9.05	12	3	ND	2	11	1	2	4	309	.29	.14	2	107	.20	23	.58	2	5.60	.01	.01	2	5	240
99 119+50E	1	40	7	35	.1	15	8	295	8.46	7	3	ND	2	13	1	2	4	329	.35	.11	2	83	.21	23	.55	2	3.93	.01	.02	2	5	150
99 120E	1	126	9	52	.4	35	15	299	6.80	4	4	ND	2	23	1	2	4	215	.51	.04	5	90	.66	68	.50	4	6.46	.01	.02	2	5	210
99 120+50E	1	93	6	61	.2	32	32	1072	4.86	4	2	ND	2	15	1	2	4	127	.51	.05	4	68	.48	27	.32	5	4.52	.01	.01	2	5	220
99 121E	1	104	10	84	.2	37	14	310	6.78	6	2	ND	2	22	1	2	3	190	.44	.03	4	82	.73	37	.48	2	5.75	.01	.02	2	5	180
100 100E	1	38	7	37	.1	17	7	355	6.40	10	2	ND	2	13	1	3	3	207	.34	.04	2	54	.35	18	.44	2	3.94	.01	.01	2	5	160
100 100+50E	1	33	4	34	.1	12	5	358	7.87	10	6	ND	2	13	1	2	5	259	.27	.05	2	79	.22	15	.51	2	4.52	.01	.01	2	5	180
100 101E	1	37	8	66	.2	19	43	1068	6.56	2	2	ND	2	21	1	2	3	182	.36	.05	3	70	.19	29	.37	2	2.99	.01	.02	2	5	120
100 101+50E	1	16	8	20	.1	11	4	156	6.93	5	2	ND	2	17	1	5	2	243	.34	.04	2	60	.24	13	.48	2	2.74	.01	.01	2	5	50
100 102E	1	29	5	26	.1	15	7	249	5.39	8	2	ND	2	28	1	2	2	201	.42	.03	2	65	.31	14	.39	3	2.75	.02	.01	2	15	50
100 102+50E	1	63	9	42	.1	24	11	233	6.34	7	4	ND	2	20	1	2	2	208	.36	.03	2	75	.43	23	.44	2	4.84	.01	.01	2	5	150
100 103E	1	82	9	48	.3	24	13	549	6.27	6	3	ND	2	21	1	2	2	206	.45	.04	3	64	.47	26	.47	3	4.47	.02	.02	2	5	450
100 103+50E	1	23	8	20	.1	10	4	210	6.46	8	2	ND	2	17	1	2	2	223	.36	.06	2	53	.22	8	.39	2	2.69	.01	.01	2	5	70
100 104E	1	60	9	53	.1	21	10	268	8.93	10	4	ND	2	28	1	2	2	232	.38	.09	2	117	.53	16	.44	2	4.03	.01	.02	2	5	80
100 104+50E	1	46	7	74	.1	17	12	315	6.05	9	2	ND	2	37	1	3	4	208	.39	.04	2	68	.41	18	.50	2	2.11	.01	.02	2	5	70
100 105E	1	18	7	24	.2	8	3	143	4.48	4	2	ND	2	20	1	2	4	191	.40	.02	2	42	.21	13	.37	2	1.49	.01	.01	2	5	40
100 106+30E	1	19	7	15	.2	8	3	108	3.29	5	2	ND	2	25	1	2	3	138	.47	.03	2	34	.18	10	.31	3	1.15	.01	.01	2	5	40
100 106+50E	1	90	7	30	.1	18	8	734	4.73	2	2	ND	2	27	1	2	5	158	.53	.07	2	61	.43	13	.36	3	2.67	.01	.01	2	10	80
100 107+50E	1	10	9	20	.3	9	3	139	4.18	4	2	ND	2	23	1	4	5	171	.52	.01	2	38	.20	13	.40	2	1.26	.01	.01	2	5	60
100 108+50E	1	44	6	90	.2	23	115	1487	3.39	2	2	ND	2	36	1	2	3	99	.77	.06	5	30	.34	32	.26	3	2.30	.01	.02	2	5	100
STD A-1	1	29	38	179	.3	36	12	1001	2.80	10	2	ND	2	36	1	2	2	59	.57	.10	7	73	.73	286	.08	5	2.23	.02	.16	2	5	55

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg* ppb
100 109E	1	114	7	47	.1	29	11	213	5.40	4	4	ND	2	27	1	3	3	179	.54	.02	2	64	.56	23	.47	2	3.62	.01	.03	2	5	130
100 109+50E	1	11	11	54	.1	11	7	333	4.61	4	2	ND	2	19	1	2	5	168	.71	.03	2	45	.25	29	.48	3	1.33	.01	.08	2	15	60
100 110+50E	1	34	10	128	.1	16	13	364	6.75	6	6	ND	2	15	2	2	2	237	.43	.03	2	63	.48	14	.48	2	2.25	.01	.01	2	90	80
100 111E	1	93	9	294	.1	27	22	434	6.52	10	2	ND	2	16	3	2	4	211	.55	.04	2	73	.59	16	.53	2	3.84	.01	.01	2	5	80
100 111+50E	2	129	8	85	.3	36	21	391	6.49	9	2	ND	2	15	2	2	2	209	.76	.04	3	79	.68	16	.51	2	5.29	.01	.01	2	5	150
100 112E	1	20	5	43	.1	14	6	241	4.09	4	2	ND	2	15	1	2	3	164	.49	.01	2	38	.38	13	.39	2	1.54	.01	.01	2	5	40
100 112+50E	3	101	3	43	.1	30	17	275	5.21	6	2	ND	2	14	1	2	2	160	.67	.03	2	61	.55	13	.38	2	3.96	.01	.01	2	5	150
100 113+50E	18	118	8	104	.1	28	18	463	5.70	5	2	ND	2	15	2	2	3	171	.45	.03	2	70	.52	17	.37	2	3.41	.01	.01	2	5	70
100 114+50E	5	181	7	103	.1	19	13	271	6.84	8	2	ND	2	15	2	2	2	201	.30	.04	2	58	.42	16	.53	2	4.54	.01	.01	2	5	150
100 116E	1	61	9	46	.2	16	10	193	4.79	4	2	ND	2	24	1	2	2	157	.39	.03	2	42	.41	13	.40	2	2.56	.01	.01	2	5	20
100 117E	1	32	5	24	.1	11	4	117	4.20	3	3	ND	2	13	1	2	2	144	.28	.04	2	32	.32	8	.29	2	2.03	.01	.01	2	5	40
100 117+50E	1	98	4	58	.1	28	10	307	4.68	6	6	ND	2	18	1	2	2	135	.33	.06	3	93	.77	17	.29	2	4.40	.01	.03	2	5	100
100 118E	1	67	9	46	.1	31	12	320	5.18	2	2	ND	2	53	1	2	2	162	.54	.07	2	112	.83	18	.48	2	3.99	.01	.01	2	5	80
100 118+50E	1	247	8	88	.1	31	19	742	5.01	6	2	ND	2	42	1	2	2	133	.45	.16	2	84	.86	47	.35	2	4.94	.01	.01	2	5	90
100 119E	1	234	7	62	.3	52	23	584	5.61	7	11	ND	2	24	1	2	2	147	.46	.03	7	86	1.40	134	.39	3	6.81	.02	.05	2	5	170
100 119+50E	4	77	11	33	.1	19	8	190	8.65	13	6	ND	2	7	1	2	2	340	.27	.03	3	106	.27	18	.70	2	5.76	.01	.01	2	5	280
100 120E	1	83	6	61	.1	44	19	451	5.85	9	4	ND	2	20	1	2	2	197	.72	.02	4	87	1.05	57	.52	3	4.78	.01	.01	2	5	100
100 120+50E	1	35	3	45	.1	14	9	246	6.04	8	3	ND	2	13	1	2	3	190	.41	.07	2	65	.28	15	.47	2	4.17	.01	.01	2	5	110
100 121E	1	24	4	29	.1	10	5	183	5.47	2	2	ND	2	13	1	2	3	162	.43	.08	2	49	.25	11	.31	2	2.72	.01	.01	2	15	80
105 100+25E	1	23	4	17	.1	11	4	112	9.11	3	6	ND	2	7	1	2	3	312	.19	.03	2	88	.20	8	.52	2	3.48	.01	.01	2	5	350
105 101E	1	48	8	24	.1	17	7	167	7.58	4	3	ND	2	15	1	2	5	297	.36	.02	2	78	.34	13	.56	2	3.49	.01	.01	2	15	100
105 101+50E P	1	7	4	39	.1	2	1	1072	.12	2	2	ND	2	15	1	2	3	4	.90	.07	2	2	.06	16	.01	7	.13	.01	.04	2	5	400
105 102+50E P	1	3	2	11	.1	2	1	41	.03	2	2	ND	2	17	1	4	2	2	.49	.05	2	2	.06	16	.01	3	.09	.01	.04	2	5	200
105 103+50E	1	7	3	18	.1	1	1	441	.14	2	2	ND	2	9	1	2	2	4	.48	.06	2	3	.07	13	.01	6	.13	.01	.05	2	5	230
105 104E P	1	5	1	12	.1	3	2	188	.61	2	2	ND	2	12	1	2	4	32	.27	.03	2	8	.14	6	.08	3	.29	.01	.01	2	5	110
105 104+50E	1	22	7	10	.1	7	3	102	7.72	9	2	ND	2	11	1	5	3	357	.29	.02	2	86	.15	5	.53	2	2.25	.01	.01	2	10	70
105 105E P	1	7	2	25	.1	1	1	480	.09	2	2	ND	2	10	1	2	2	4	.80	.06	2	3	.06	23	.01	4	.07	.01	.03	2	5	220
105 106+50E	1	47	8	29	.1	18	7	182	7.44	5	5	ND	2	12	1	2	4	272	.25	.03	2	138	.39	8	.57	2	4.62	.01	.01	2	5	140
105 107E	1	40	5	24	.1	18	6	311	6.76	6	4	ND	2	16	1	2	3	245	.42	.03	2	117	.42	8	.49	2	4.05	.01	.01	2	15	180
105 107+50E	1	63	3	26	.1	15	4	130	8.77	10	6	ND	2	6	1	2	2	235	.20	.03	2	156	.28	9	.55	2	7.45	.01	.01	2	5	240
105 108+50E P	1	4	1	5	.1	1	1	6	.03	2	2	ND	2	8	1	2	2	2	.34	.01	2	2	.04	5	.01	3	.05	.01	.04	2	5	40
105 109E	1	63	3	35	.1	16	39	5214	5.61	7	5	ND	2	19	1	2	4	202	.61	.06	2	87	.47	33	.34	4	2.98	.01	.04	2	5	170
STD A-1	1	30	38	183	.3	36	13	1025	2.81	9	2	ND	2	36	1	2	2	60	.59	.11	8	75	.75	282	.08	6	2.06	.02	.22	2	5	50

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg* ppb
93 98+50E	1	83	4	44	.1	37	14	292	6.59	11	2	ND	2	17	1	2	2	237	.65	.03	4	106	.63	20	.58	2	5.47	.01	.02	2	5	130
93 99E	1	83	5	49	.1	33	40	925	6.59	12	2	ND	2	18	1	2	2	263	.66	.03	4	129	.73	16	.59	2	5.01	.01	.02	2	5	140
93 99+50E	1	52	8	31	.1	20	8	272	7.03	15	2	ND	2	15	1	2	2	276	.55	.04	2	103	.36	13	.63	2	4.12	.01	.02	2	5	230
93 100E	1	59	10	47	.1	27	11	305	8.82	16	2	ND	2	11	1	2	2	275	.43	.04	3	127	.44	13	.62	2	6.97	.01	.01	2	5	260
93 100+50E	1	53	5	48	.1	24	12	282	8.30	10	2	ND	2	11	1	2	2	282	.45	.04	2	113	.35	10	.62	2	6.38	.01	.02	2	5	200
93 101E	1	59	11	40	.1	21	8	249	8.56	10	2	ND	2	11	1	2	2	329	.41	.04	3	121	.33	9	.69	2	5.87	.01	.02	2	5	170
93 101+50E	1	76	9	42	.1	30	12	273	7.30	7	2	ND	2	12	1	2	2	261	.56	.03	3	106	.58	13	.62	2	5.97	.01	.02	2	5	180
93 102E	1	64	9	35	.1	24	11	281	6.38	9	2	ND	2	19	1	2	2	226	.68	.03	3	62	.48	31	.50	3	4.09	.02	.03	2	5	90
94 100E	4	83	8	48	.1	22	20	441	7.75	9	2	ND	2	19	1	2	3	267	.64	.04	4	108	.48	11	.63	2	3.91	.01	.02	2	5	140
94 100+50E	1	32	3	25	.1	13	5	194	8.64	13	2	ND	2	12	1	2	3	327	.41	.02	3	81	.28	11	.69	2	2.49	.01	.03	2	5	70
94 101E	6	48	6	38	.1	13	6	169	5.87	4	2	ND	2	11	1	2	2	287	.46	.03	4	78	.35	14	.59	2	3.08	.01	.03	2	5	90
94 102E	2	106	7	40	.1	20	15	401	6.55	6	2	ND	2	15	1	2	2	216	.50	.03	6	70	.41	19	.50	2	3.96	.02	.03	2	5	160
94 102+50E	4	110	8	66	.2	31	28	922	7.99	13	2	ND	2	16	1	3	2	262	.57	.07	4	79	.34	23	.55	2	5.45	.01	.03	2	5	180
94 103E	1	28	10	39	.1	15	7	221	9.62	13	2	ND	2	12	1	2	2	331	.43	.03	2	68	.27	16	.64	2	2.95	.01	.03	2	5	80
94 103+50E	1	105	6	38	.1	27	19	809	5.47	4	2	ND	2	20	1	2	3	172	.93	.05	6	67	.61	17	.40	4	5.41	.02	.03	2	5	160
94 104E	1	88	7	39	.1	27	15	386	6.86	10	2	ND	2	16	1	2	2	236	.71	.05	4	73	.50	24	.55	3	4.50	.01	.03	2	15	200
94 104+50E	1	67	4	50	.1	25	14	358	6.94	9	2	ND	2	13	1	2	2	234	.55	.09	2	65	.43	13	.48	2	4.70	.01	.03	2	5	150
94 105E	2	84	8	42	.1	23	15	349	7.86	9	2	ND	2	14	1	2	2	247	.48	.09	4	82	.40	9	.50	2	6.97	.01	.02	2	5	140
94 105+50E	1	102	7	40	.1	26	17	335	5.73	6	2	ND	2	20	1	2	2	204	.84	.08	4	67	.61	18	.45	4	5.07	.02	.03	2	5	120
94 106E	1	91	7	41	.1	29	16	432	6.04	2	2	ND	2	15	1	2	2	201	.56	.06	5	84	.46	23	.49	4	6.05	.01	.02	2	5	220
94 106+50E	1	97	5	37	.1	25	19	550	5.64	12	2	ND	2	15	1	3	2	205	.68	.06	5	76	.51	17	.49	2	5.63	.02	.02	2	5	130
94 107E	1	82	6	39	.1	21	15	428	5.86	6	2	ND	2	20	1	2	2	206	.77	.05	2	59	.42	20	.44	3	4.07	.01	.03	2	5	130
94 107+50E	2	129	2	31	.1	24	18	445	5.50	2	2	ND	2	16	1	2	2	179	.70	.06	8	76	.57	13	.44	3	6.02	.02	.02	2	10	200
94 108E	2	138	8	41	.1	29	16	367	8.63	20	2	ND	2	16	1	2	2	290	.75	.05	5	81	.59	24	.60	2	5.41	.02	.02	2	5	200
96 93E	1	135	10	56	.1	37	19	716	6.09	4	2	ND	2	23	1	2	2	181	.71	.07	3	66	.96	32	.43	3	4.56	.02	.05	2	5	130
96 93+50E	1	105	2	54	.1	34	20	605	6.20	6	2	ND	2	25	1	2	2	203	.71	.05	4	68	.86	38	.48	3	4.29	.02	.03	2	10	120
96 94E	1	75	7	35	.1	25	13	1005	6.65	3	2	ND	2	19	1	2	2	216	.90	.14	2	74	.75	17	.44	2	3.81	.02	.02	2	5	190
96 94+50E	1	70	8	43	.1	21	12	380	8.83	18	2	ND	2	12	1	4	2	340	.49	.08	2	100	.31	13	.72	2	5.96	.01	.02	2	5	180
96 95E	1	57	8	35	.1	17	8	204	8.40	11	2	ND	2	9	1	2	2	293	.31	.06	3	84	.27	13	.64	2	5.77	.01	.02	2	5	180
96 95+50E	1	55	9	32	.1	17	7	228	6.74	13	2	ND	2	11	1	2	2	245	.35	.05	2	75	.33	17	.50	2	4.82	.01	.02	2	20	160
96 96E	1	39	8	26	.1	13	5	222	7.68	6	2	ND	2	10	1	2	2	273	.35	.06	2	76	.23	9	.56	2	4.03	.01	.06	2	5	190
96 96+50E	1	33	9	25	.1	12	5	130	8.18	8	2	ND	2	11	1	2	2	314	.26	.03	2	81	.19	9	.62	2	3.86	.01	.02	2	5	170
96 100E	4	103	8	54	.1	25	21	493	6.84	5	2	ND	2	20	1	2	2	205	.42	.06	3	66	.49	20	.45	2	4.58	.01	.02	2	5	200
96 100+50E	1	100	6	37	.1	19	13	712	6.51	10	2	ND	2	17	1	2	2	236	.61	.24	2	58	.47	23	.37	4	3.92	.02	.22	2	5	90
96 101E	1	76	7	54	.1	22	17	451	7.52	15	2	ND	2	15	1	2	2	254	.56	.05	3	66	.37	20	.58	2	4.36	.01	.02	2	5	240
96 101+50E	1	86	5	57	.1	27	14	392	6.35	9	2	ND	2	23	1	2	2	210	.70	.04	2	55	.61	32	.50	2	3.92	.02	.03	2	5	110
96 102E	1	95	5	112	.1	23	19	709	6.57	8	2	ND	2	27	1	2	2	193	.45	.06	2	47	.39	17	.39	2	4.08	.02	.02	2	10	120
STD A-1	1	29	38	183	.3	36	12	1021	2.82	11	2	ND	2	36	1	2	2	60	.60	.10	7	74	.72	229	.08	5	2.04	.02	.20	2	5	50

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg* ppb
% 102+50E	1	110	5	60	.1	25	19	342	5.39	2	12	ND	2	36	1	2	2	170	.42	.04	4	36	.47	37	.26	3	4.31	.02	.01	2	5	110
% 103E	2	36	7	31	.1	16	7	165	6.78	11	2	ND	2	39	1	2	2	251	.61	.04	2	41	.31	23	.42	2	2.59	.02	.03	2	265	30
% 103+50E P	1	25	5	27	.1	21	9	228	3.50	3	2	ND	2	24	1	2	2	127	.80	.04	2	34	.60	23	.28	3	1.99	.02	.03	2	5	110
% 104E	2	75	4	43	.1	35	20	424	6.30	9	10	ND	2	33	1	2	2	170	.46	.04	4	57	.46	29	.25	3	5.86	.02	.01	2	5	340
% 104+50E	1	71	1	18	.3	14	18	182	3.80	2	24	ND	2	15	1	2	2	105	.29	.04	9	45	.17	12	.21	3	9.39	.02	.03	2	5	260
% 105E	1	39	5	29	.1	17	13	210	4.57	2	2	ND	2	28	1	2	2	135	.49	.01	3	46	.24	18	.33	3	4.23	.02	.01	2	5	110
% 105+50E	1	20	9	22	.1	12	7	152	4.83	6	2	ND	2	51	1	2	2	167	.62	.02	2	23	.28	14	.40	2	1.65	.01	.01	2	5	50
% 106E	1	19	5	31	.1	13	6	164	5.45	6	2	ND	2	22	1	2	2	210	.47	.02	2	35	.26	13	.40	2	2.06	.01	.01	2	5	60
% 106+50E	1	74	6	43	.1	23	12	383	7.45	5	7	ND	2	18	1	2	2	249	.71	.08	2	60	.52	20	.50	2	4.06	.01	.01	2	5	80
% 107E	1	77	4	55	.1	31	16	379	6.70	11	5	ND	2	14	1	2	2	247	.68	.07	3	67	.54	23	.53	3	4.53	.01	.01	2	5	240
% 108E	1	109	7	53	.1	34	99	1708	6.63	7	6	ND	2	22	1	2	2	214	.82	.07	6	59	.78	26	.47	2	4.08	.01	.01	2	5	110
% 109E	1	54	6	40	.1	20	15	416	8.12	9	10	ND	2	12	1	2	2	283	.50	.04	2	61	.31	15	.54	2	3.70	.01	.01	2	5	170
% 109+50E	1	99	7	41	.1	30	20	372	7.18	9	10	ND	2	15	1	2	2	268	.64	.05	5	85	.51	18	.57	2	4.53	.01	.01	2	5	180
% 110E	8	79	7	41	.1	18	18	437	7.06	7	2	ND	2	15	1	2	2	259	.64	.03	4	77	.26	17	.48	2	3.78	.01	.01	2	5	130
% 110+50E	22	105	7	42	.1	22	18	275	5.46	5	7	ND	2	17	1	2	2	189	.57	.02	11	72	.35	26	.44	2	3.93	.01	.01	2	5	150
% 111E	24	171	10	204	.1	32	18	312	8.38	17	9	ND	2	16	3	2	2	273	.51	.03	3	92	.50	17	.55	2	4.02	.01	.01	2	15	80
% 111+50E	23	76	6	102	.1	20	11	333	6.03	7	2	ND	2	16	2	2	2	197	.67	.03	2	67	.39	12	.41	2	2.94	.01	.01	2	5	100
% 112E	3	208	1	76	.1	35	21	486	4.80	9	11	ND	2	39	1	2	2	146	.73	.06	2	99	.77	18	.26	3	5.91	.01	.01	2	5	150
% 112+50E	7	178	4	107	.1	41	31	715	5.41	6	7	ND	2	38	1	2	2	159	.72	.07	2	78	.95	22	.28	2	4.34	.01	.03	2	5	120
% 113E	1	34	8	27	.1	12	5	188	6.29	4	12	ND	2	13	1	2	2	196	.35	.09	2	70	.26	12	.28	2	4.55	.01	.01	2	5	180
% 113+50E	1	49	6	38	.1	15	6	383	7.53	2	25	ND	3	9	1	2	2	187	.32	.20	2	72	.35	13	.26	2	8.20	.01	.01	2	5	160
% 114E	1	19	5	13	.2	5	2	123	3.48	5	2	ND	2	8	1	2	2	163	.22	.03	3	21	.08	15	.25	2	1.13	.01	.01	2	5	100
% 114+50E	1	60	6	30	.1	13	5	229	5.80	4	14	ND	2	10	1	2	2	172	.35	.07	6	63	.27	14	.33	3	5.96	.01	.03	2	5	200
% 115E	1	47	7	44	.1	14	7	203	7.45	7	14	ND	2	14	1	2	2	294	.36	.04	3	71	.21	18	.49	2	3.95	.01	.01	2	5	130
% 115+50E	2	103	3	65	.2	25	12	269	6.60	6	10	ND	2	22	1	4	3	217	.43	.04	4	76	.46	20	.45	2	4.76	.01	.03	2	5	220
% 116E	8	656	5	45	.2	29	16	437	8.07	11	13	ND	2	11	1	2	2	236	.27	.09	2	125	.68	14	.36	2	5.37	.01	.03	2	5	210
% 116+50E	9	106	2	34	.1	15	6	175	5.75	2	11	ND	2	10	1	5	2	171	.34	.07	2	65	.30	11	.30	3	5.60	.01	.01	2	5	230
% 117E	3	336	5	48	.1	15	7	190	5.28	10	17	ND	2	10	1	3	3	158	.36	.05	2	57	.33	10	.32	2	5.69	.01	.01	2	5	200
% 117+50E	10	294	8	90	.3	21	16	284	7.98	13	11	ND	2	14	1	6	3	227	.30	.05	2	61	.39	23	.39	2	4.85	.01	.01	2	5	140
% 118E	2	26	7	31	.1	8	5	160	5.02	4	2	ND	2	22	1	2	2	178	.40	.03	2	30	.16	10	.37	2	1.95	.01	.01	2	5	70
% 118+50E	4	69	5	28	.1	10	6	201	5.45	4	2	ND	2	17	1	2	2	185	.39	.04	2	42	.22	10	.35	2	3.27	.01	.01	2	10	120
% 119E	1	9	8	16	.1	6	3	190	3.75	3	2	ND	2	15	1	2	4	232	.59	.03	2	33	.12	12	.44	3	.87	.01	.01	2	5	60
% 119+50E	1	66	2	59	.1	24	25	1689	8.38	6	15	ND	2	9	1	5	2	273	.53	.36	3	95	.35	20	.39	2	6.88	.01	.01	2	5	580
% 120E	1	68	4	43	.1	22	18	2510	6.77	4	2	ND	2	13	1	2	2	236	.78	.11	2	60	.45	34	.45	2	3.21	.01	.01	2	5	180
% 120+50E	1	99	5	39	.1	32	21	582	7.98	6	25	ND	2	12	1	2	2	285	.57	.09	4	89	.53	18	.55	2	6.83	.01	.01	2	5	160
% 121E	1	67	11	60	.1	19	22	751	7.80	8	8	ND	2	30	1	2	2	270	.43	.05	2	36	.49	22	.54	2	2.94	.01	.03	2	5	110
STD A-1	1	29	37	181	.3	36	13	1020	2.79	10	2	ND	2	36	1	2	2	60	.62	.10	8	72	.70	275	.07	6	2.06	.01	.20	2	5	50

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg* ppb
97 100+50E	1	107	8	55	.1	22	13	552	5.61	13	15	ND	2	22	1	2	2	170	.44	.10	2	47	.43	38	.40	4	3.40	.02	.03	2	5	100
97 101E	1	99	8	42	.1	39	19	459	5.92	15	5	ND	2	18	1	2	2	185	.76	.04	2	46	.83	45	.47	4	3.82	.01	.03	2	5	90
97 101+50E	1	83	7	34	.1	29	17	382	5.30	10	11	ND	2	18	1	2	2	180	.48	.04	2	51	.52	23	.40	4	4.13	.01	.01	2	5	120
97 102E	1	45	7	32	.1	18	8	191	5.42	9	14	ND	2	25	1	2	2	178	.54	.03	2	41	.33	20	.46	3	2.23	.01	.01	2	5	100
97 103E	1	48	4	37	.1	34	9	188	3.35	2	10	ND	2	18	1	2	2	92	.33	.02	2	49	.80	35	.09	3	2.58	.03	.02	2	5	50
97 104E	1	28	5	20	.1	17	6	111	2.80	2	3	ND	2	15	1	2	2	88	.31	.01	2	35	.38	28	.07	3	1.80	.02	.02	2	5	50
97 104+50E	1	57	6	32	.1	48	15	287	4.01	2	2	ND	2	19	1	2	2	126	.50	.03	4	64	.72	32	.12	3	5.12	.02	.02	2	5	90
97 105E	1	40	9	47	.1	30	12	268	4.33	5	5	ND	2	21	1	2	2	124	.35	.02	4	50	.49	58	.07	3	4.77	.01	.03	2	10	60
97 106E	1	75	4	26	.1	17	7	164	3.48	6	12	ND	2	49	1	2	3	102	.58	.04	2	38	.55	9	.30	3	2.36	.01	.02	2	5	80
97 107E	1	22	4	14	.1	8	3	88	4.78	4	11	ND	2	11	1	2	3	183	.37	.02	2	39	.18	9	.40	4	1.40	.01	.01	2	5	60
97 108E	1	459	12	118	.1	38	22	373	4.69	9	7	ND	2	28	2	3	2	152	.67	.03	4	97	1.00	26	.35	4	3.46	.01	.01	2	5	220
97 109+50E	1	65	11	51	.1	21	11	307	6.79	6	9	ND	2	16	1	2	4	228	.37	.05	2	75	.49	19	.54	2	3.87	.01	.02	2	5	80
97 110E	1	67	9	41	.1	22	13	427	8.10	10	17	ND	2	11	1	3	4	299	.59	.04	3	73	.41	21	.68	2	3.73	.01	.01	2	5	160
97 110+50E	5	77	3	38	.1	25	14	325	6.22	7	7	ND	2	11	1	2	4	184	.62	.05	3	69	.47	12	.46	4	4.65	.01	.02	2	5	190
97 111E	69	240	8	51	.1	26	22	2813	5.70	6	14	ND	2	15	3	2	3	168	.79	.05	11	63	.43	29	.42	5	3.87	.01	.01	2	5	220
97 113E	18	436	12	166	.1	53	68	1175	5.30	5	7	ND	2	27	2	2	2	117	.96	.05	6	82	1.01	27	.26	4	6.10	.02	.02	2	5	150
97 114E	1	16	8	20	.1	8	4	142	5.64	4	10	ND	2	13	1	2	2	203	.30	.15	2	39	.20	6	.30	3	1.99	.01	.02	2	5	60
97 115E	1	50	7	29	.1	11	4	282	5.94	8	14	ND	2	8	1	2	3	203	.26	.05	2	58	.19	12	.40	4	4.04	.01	.01	2	5	170
97 115+50E	2	61	7	41	.1	13	7	169	6.13	4	6	ND	2	11	1	4	2	196	.32	.04	3	50	.27	15	.44	5	3.84	.01	.01	2	5	160
97 116+50E	37	79	9	37	.1	17	9	212	4.13	12	5	ND	2	13	1	2	2	131	.34	.04	4	41	.35	17	.36	4	3.72	.01	.01	2	5	140
97 117+50E	38	115	9	41	.1	18	14	207	5.29	6	7	ND	2	17	1	2	2	170	.48	.04	3	64	.32	17	.39	4	7.24	.01	.01	2	80	160
97 118E	24	72	12	61	.1	16	8	152	11.32	19	15	ND	2	11	1	2	2	295	.27	.06	2	82	.27	18	.63	2	5.88	.01	.01	2	5	150
97 118+50E	1	108	3	36	.1	27	11	324	4.35	5	6	ND	2	20	1	2	2	143	.77	.03	3	53	.84	17	.37	4	3.63	.02	.01	2	5	80
97 119E	1	11	4	23	.1	6	4	226	4.01	2	9	ND	2	15	1	2	2	136	.35	.02	2	15	.16	6	.31	3	1.46	.01	.01	2	5	70
97 119+50E	1	51	12	51	.1	12	7	237	8.89	8	17	ND	2	11	1	2	2	254	.31	.10	2	61	.22	13	.51	4	4.57	.01	.02	2	5	250
97 120E	1	139	4	44	.1	14	9	335	8.92	10	16	ND	2	8	1	4	2	277	.29	.16	2	71	.23	17	.56	2	6.87	.01	.01	2	5	240
97 121E	1	19	8	25	.1	8	5	280	5.51	10	8	ND	2	13	1	2	2	193	.36	.04	2	40	.14	13	.40	4	1.64	.01	.01	2	5	110
98 93E	1	60	9	39	.1	22	22	588	7.34	16	13	ND	2	9	1	2	2	241	.42	.06	3	90	.37	15	.65	4	5.61	.01	.01	2	5	280
98 93+50E	1	48	10	27	.1	16	8	198	7.75	9	17	ND	2	10	1	2	2	266	.37	.05	3	90	.26	15	.61	4	5.23	.01	.01	2	5	250
98 94+50E	1	59	5	38	.1	19	12	250	8.32	8	20	ND	2	8	1	2	2	280	.39	.06	5	99	.32	13	.67	4	5.89	.01	.01	2	5	220
98 95E	2	74	9	51	.1	25	21	984	7.45	12	16	ND	2	12	1	2	2	252	.56	.04	5	89	.50	17	.69	3	4.31	.01	.01	2	5	160
98 95+50E	3	54	5	47	.1	18	19	3358	5.44	11	10	ND	2	21	1	2	3	178	.78	.07	5	59	.39	40	.45	5	2.44	.01	.01	2	5	160
98 96E	2	31	6	22	.1	12	6	292	6.99	5	9	ND	2	10	1	2	2	223	.38	.03	2	55	.26	8	.58	3	2.59	.01	.01	2	5	170
98 96+50E	2	61	6	32	.1	23	14	353	6.00	10	6	ND	2	15	1	2	2	184	.61	.04	3	62	.56	17	.49	4	4.03	.01	.01	2	5	220
98 97E	10	79	9	27	.1	20	18	446	6.05	15	4	ND	2	12	1	2	2	191	.32	.04	5	70	.35	26	.46	4	5.71	.01	.01	2	5	230
98 97+50E	4	18	7	19	.1	7	4	193	4.27	4	3	ND	2	8	1	2	2	130	.16	.03	4	26	.13	23	.25	4	3.04	.01	.01	2	5	200
98 98E	3	11	5	32	.1	7	7	332	4.19	2	2	ND	2	11	1	2	2	130	.28	.03	2	23	.18	22	.28	3	1.90	.01	.01	2	5	70
98 98+50E	1	40	7	34	.1	15	7	489	5.62	2	6	ND	2	14	1	2	2	195	.39	.03	2	48	.38	25	.43	5	2.47	.01	.02	2	5	100
STD A-1	1	30	38	185	.3	35	12	990	2.80	10	2	ND	2	35	1	2	2	58	.59	.10	7	73	.75	284	.08	6	2.06	.02	.20	2	5	55

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au# ppb	Hg# ppb
98 99E	5	89	4	45	.1	28	24	2248	4.88	2	2	ND	3	21	1	2	3	160	.52	.03	4	57	.53	26	.32	5	4.41	.01	.01	2	5	120
98 99+50E	2	100	3	44	.1	31	65	1117	4.09	2	2	ND	2	25	1	2	2	120	.66	.08	4	41	.42	27	.25	6	4.45	.02	.01	2	5	190
98 100E	1	122	5	62	.1	46	16	476	6.00	4	2	ND	2	37	1	2	3	161	.41	.06	2	95	1.13	26	.38	3	4.25	.02	.01	2	5	150
98 100+50E	1	172	9	66	.1	32	23	423	5.77	12	8	ND	2	34	1	2	4	167	.38	.04	3	53	.68	28	.37	6	4.73	.02	.01	2	5	120
98 101E	1	74	10	51	.1	51	36	482	4.54	10	2	ND	2	25	1	2	5	123	.38	.04	5	66	.56	37	.29	5	6.65	.02	.01	2	5	180
98 101+50E	1	85	9	72	.1	57	40	454	5.63	5	2	ND	2	24	1	2	3	168	.57	.04	2	83	1.25	25	.35	5	3.38	.03	.01	2	5	50
98 102+50E	1	47	6	49	.1	24	13	164	4.77	8	4	ND	2	21	1	2	2	136	.50	.04	4	49	.42	29	.31	5	2.61	.02	.02	2	5	90
98 103+50E	1	8	5	21	.1	13	5	128	1.84	2	2	ND	2	54	1	2	2	85	.52	.02	2	45	.42	7	.25	3	1.02	.03	.01	2	5	90
98 104+50E	1	17	6	21	.1	13	7	199	5.34	5	2	ND	2	17	1	2	2	188	.37	.02	2	50	.24	11	.44	4	2.09	.01	.01	2	5	50
98 105E	1	18	3	22	.1	13	6	149	5.62	5	2	ND	2	15	1	2	2	197	.38	.02	2	51	.24	11	.44	4	2.05	.01	.01	2	5	40
98 105+50E	1	83	9	44	.1	15	6	245	6.71	5	3	ND	2	16	1	2	2	157	.28	.14	2	87	.30	11	.34	5	5.16	.01	.01	2	5	270
98 106E	1	10	3	15	.1	11	4	133	2.74	2	2	ND	2	39	1	2	2	105	.47	.01	2	38	.25	11	.23	2	1.06	.01	.01	2	5	60
98 106+50E	1	16	5	20	.1	11	4	121	6.41	9	6	ND	2	11	1	2	2	246	.51	.02	2	51	.22	10	.57	4	1.69	.01	.01	2	5	70
98 107+50E	1	212	7	49	.1	50	24	499	6.76	12	3	ND	2	17	1	2	3	215	.75	.05	3	77	.82	22	.53	3	5.50	.02	.01	2	5	170
98 108E	1	109	8	71	.1	47	19	576	6.93	7	7	ND	3	27	1	2	2	243	.51	.03	3	114	1.14	31	.48	4	4.68	.01	.01	2	5	160
98 108+50E	1	202	4	71	.1	30	23	1166	6.14	7	2	ND	2	20	2	2	2	191	.76	.03	5	71	.40	25	.52	6	3.64	.01	.01	2	5	130
98 109E	1	65	11	34	.1	26	12	398	6.92	12	3	ND	3	17	1	2	2	260	.57	.03	2	80	.55	16	.64	4	3.45	.01	.01	2	30	100
98 109+50E	1	104	4	38	.1	29	13	255	7.28	11	2	ND	2	11	1	2	4	253	.84	.03	2	70	.61	14	.65	5	4.01	.01	.01	2	15	110
98 110E	22	133	5	52	.1	23	12	251	7.36	10	2	ND	2	13	2	2	3	227	.47	.03	2	97	.54	9	.57	4	4.53	.02	.01	2	5	120
98 110+50E	13	91	5	49	.1	30	15	334	6.67	7	5	ND	2	19	2	2	2	200	.61	.03	2	73	.79	11	.52	4	3.67	.01	.01	2	5	110
98 111E	15	37	3	59	.1	32	16	427	7.08	11	2	ND	2	28	2	2	2	222	.45	.02	2	92	.74	16	.51	4	3.01	.01	.01	2	5	50
98 111+50E	16	33	5	49	.1	24	13	468	4.99	6	2	ND	2	26	1	2	2	175	.44	.04	2	58	.63	17	.34	4	2.28	.02	.01	2	5	100
98 112E	25	145	11	105	.1	63	30	802	8.04	6	5	ND	2	36	1	2	2	201	.25	.03	2	172	1.61	36	.30	4	6.11	.01	.01	2	5	120
98 112+50E	7	23	6	27	.1	14	5	166	5.44	6	7	ND	2	12	1	2	2	220	.49	.02	2	52	.35	10	.46	3	1.91	.01	.01	2	5	80
98 114+50E	10	125	6	80	.1	33	23	744	9.45	15	10	ND	2	63	1	2	2	245	.42	.10	2	67	1.47	20	.46	3	3.29	.01	.01	2	5	40
98 115E	31	193	6	112	.2	19	41	821	7.19	17	2	ND	4	28	1	2	2	140	.22	.05	6	37	.50	110	.05	4	4.31	.01	.03	2	5	120
98 115+50E	18	132	3	66	.3	30	23	525	5.88	14	5	ND	3	28	1	3	2	159	.50	.05	3	43	.68	50	.31	5	4.20	.02	.01	2	5	130
98 116E	20	294	6	124	.1	44	55	1240	8.60	18	10	ND	2	38	1	2	4	235	.48	.05	2	67	1.17	42	.34	4	4.34	.01	.02	2	10	150
98 117E	1	56	5	30	.1	16	8	204	3.99	5	2	ND	3	13	1	4	4	132	.35	.02	6	45	.36	28	.31	5	4.13	.02	.01	2	5	160
98 117+50E	7	68	8	32	.1	16	7	174	6.32	9	7	ND	3	10	1	5	5	215	.26	.04	4	71	.31	18	.48	5	5.89	.01	.01	2	5	230
98 118E	2	72	2	49	.1	24	11	266	9.74	11	10	ND	3	9	1	2	6	322	.27	.09	3	113	.34	21	.69	5	7.29	.01	.01	2	5	260
98 118+50E	1	80	3	43	.1	23	15	397	8.08	9	2	ND	3	15	1	2	7	280	.53	.09	3	84	.36	33	.64	3	4.44	.01	.01	2	5	180
98 119E	7	150	8	141	.1	48	59	7477	4.54	9	7	ND	4	34	2	2	2	130	1.11	.07	6	65	.84	100	.27	9	4.66	.02	.01	2	5	170
98 119+50E	1	92	9	41	.1	22	14	402	9.25	12	9	ND	3	10	1	5	4	307	.35	.09	4	98	.38	22	.65	7	7.37	.01	.01	2	5	160
98 120E	1	96	5	46	.1	36	40	548	6.36	12	6	ND	2	13	1	2	6	187	.69	.03	4	76	.80	17	.51	6	4.89	.01	.01	2	5	160
98 120+50E	1	27	5	26	.1	10	6	275	4.33	7	3	ND	2	16	1	2	2	144	.44	.07	3	37	.29	8	.30	4	2.18	.02	.01	2	5	60
98 121E	1	33	6	33	.1	16	7	177	7.57	10	2	ND	3	15	1	2	3	262	.41	.08	2	57	.42	16	.53	4	2.44	.01	.02	2	5	130
STD A-1	1	30	38	187	.3	36	12	992	2.78	10	2	ND	4	34	1	2	2	58	.58	.10	8	72	.75	282	.08	7	2.05	.02	.20	2	5	50

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg* ppb
103 100E	1	15	5	18	.1	10	4	314	3.92	5	2	ND	2	12	1	2	2	190	.69	.06	2	36	.29	9	.30	3	1.17	.01	.02	2	5	130
103 100+50E	1	33	10	21	.1	28	6	157	6.77	10	4	ND	2	10	1	2	2	213	.25	.04	2	93	.54	8	.39	2	5.00	.01	.01	2	5	140
103 101E	1	64	12	27	.1	28	9	212	5.01	7	2	ND	2	20	1	3	2	165	.32	.04	2	106	.69	10	.25	3	4.61	.02	.02	2	5	170
103 101+50E	3	180	12	44	.1	34	47	806	3.66	10	2	ND	2	32	1	2	2	103	.73	.04	4	88	.62	16	.18	10	6.24	.01	.02	2	5	240
103 102E	1	16	5	15	.1	8	3	114	5.88	8	2	ND	2	12	1	3	3	228	.21	.02	2	82	.12	4	.39	3	1.94	.01	.01	2	5	70
103 102+50E	1	16	4	9	.1	6	3	107	6.02	6	6	ND	2	11	1	6	2	300	.20	.03	2	56	.09	4	.50	2	1.14	.01	.02	2	10	50
103 103+50E	1	114	10	29	.1	21	10	184	5.96	11	5	ND	2	17	1	2	2	229	.32	.02	3	92	.52	11	.51	2	4.08	.01	.01	2	5	80
103 104E	1	72	11	26	.1	18	8	179	8.62	15	9	ND	2	9	1	2	2	270	.22	.03	2	116	.36	9	.57	2	6.79	.01	.01	2	5	330
103 104+50E	1	27	7	15	.1	11	5	138	9.47	8	2	ND	2	8	1	2	2	349	.18	.02	2	98	.15	6	.63	2	2.53	.01	.01	2	5	150
103 105E	1	86	7	38	.1	22	10	265	8.91	11	3	ND	2	17	1	3	3	233	.34	.04	2	161	.50	12	.53	2	4.51	.01	.01	2	5	170
103 106E	1	9	4	14	.1	9	4	200	7.80	7	3	ND	2	13	1	2	4	312	.26	.07	2	84	.19	4	.56	2	1.31	.01	.01	2	5	70
103 106+50E	1	32	8	30	.2	16	10	270	6.26	10	6	ND	2	18	1	9	3	199	.37	.07	2	93	.41	9	.47	2	3.35	.01	.01	2	5	160
103 107E	1	37	3	19	.1	12	5	184	8.07	14	3	ND	2	10	1	7	4	367	.51	.06	2	67	.26	6	.72	2	2.29	.01	.01	2	5	110
103 107+50E	1	38	6	28	.1	18	9	451	6.92	5	2	ND	2	13	1	7	4	253	.38	.06	2	65	.41	12	.52	2	2.97	.01	.01	2	5	120
103 108E	2	48	5	34	.1	14	7	201	8.86	6	4	ND	2	10	1	8	2	333	.25	.05	2	94	.25	10	.55	2	2.90	.01	.01	2	5	190
103 108+50E	7	128	7	122	.1	28	12	275	8.15	10	2	ND	2	12	1	5	6	267	.47	.05	2	97	.52	15	.62	2	5.46	.01	.01	2	5	140
104 100E	1	19	7	15	.1	19	5	129	8.80	4	8	ND	2	7	1	2	4	349	.23	.02	2	104	.36	5	.47	2	2.04	.02	.01	2	5	80
104 101E	1	106	12	42	.1	40	34	1124	4.58	6	2	ND	2	32	1	2	2	129	.88	.05	2	114	.97	16	.28	5	6.01	.02	.05	2	5	280
104 101+50E	1	56	11	44	.1	38	15	494	8.46	4	5	ND	2	13	1	2	2	234	.30	.02	2	140	.64	14	.42	2	5.79	.01	.01	2	5	110
104 102E	1	23	7	21	.1	16	7	387	8.55	3	2	ND	2	9	1	5	4	296	.23	.02	2	107	.36	6	.54	2	2.58	.01	.01	2	5	130
104 102+50E	1	27	8	28	.1	22	8	208	9.16	16	2	ND	2	10	1	8	3	323	.24	.03	2	121	.43	12	.57	2	4.65	.01	.01	2	5	130
104 103+50E	9	81	15	80	.3	17	98	1113	12.71	6	2	ND	2	9	1	7	2	264	.19	.03	3	140	.15	12	.44	2	5.44	.01	.01	2	5	200
104 104E	5	60	10	36	.4	20	12	177	12.10	10	2	ND	2	8	1	4	2	308	.18	.02	2	123	.37	10	.55	2	6.57	.01	.01	2	5	240
104 104+50E	1	6	7	13	.1	10	4	66	3.63	4	5	ND	2	8	1	2	2	196	.33	.02	2	53	.20	6	.40	2	.89	.01	.03	2	5	50
104 105E	1	49	9	26	.4	17	7	175	13.23	8	7	ND	2	11	1	9	2	268	.23	.05	2	143	.40	6	.54	2	4.97	.01	.01	2	5	150
104 105+50E	1	5	6	7	.1	6	2	114	3.80	6	4	ND	2	14	1	2	3	188	.29	.02	2	61	.15	3	.35	2	1.18	.01	.01	2	5	30
104 106E	1	2	3	4	.1	3	2	75	1.17	5	2	ND	2	9	1	2	2	129	.41	.01	2	20	.07	2	.28	2	.44	.01	.01	2	5	30
104 106+50E	1	44	8	31	.1	16	10	421	7.07	9	5	ND	2	16	1	5	3	209	.25	.05	2	104	.39	7	.48	2	4.19	.01	.01	2	5	280
104 107E	1	79	12	28	.1	19	8	343	7.48	10	2	ND	2	8	1	3	2	226	.35	.04	2	122	.31	7	.49	2	6.91	.01	.01	2	5	350
104 107+50E	1	73	12	33	.1	24	11	190	9.42	18	6	ND	2	9	1	2	2	343	.38	.03	3	127	.31	17	.72	2	6.74	.01	.01	2	5	220
104 108E	5	35	9	34	.1	14	5	239	7.13	14	4	ND	2	6	1	2	2	261	.24	.04	2	91	.23	9	.52	3	4.46	.01	.01	2	5	230
104 108+50E	1	122	13	48	.1	26	12	245	5.27	5	3	ND	2	11	1	2	2	147	.29	.06	3	112	.52	17	.35	4	8.15	.01	.01	2	5	430
104 109E	1	22	7	35	.1	11	5	210	9.53	8	11	ND	2	10	1	4	3	359	.28	.05	2	89	.19	7	.70	2	2.59	.01	.01	2	5	80
104 109+50E	1	53	10	35	.4	14	5	146	13.59	9	4	ND	2	7	1	2	2	339	.25	.04	2	124	.21	9	.72	2	5.21	.01	.01	2	5	190
104 110E	1	81	13	102	.3	37	21	278	10.81	7	2	ND	2	17	1	2	2	224	.30	.05	2	138	.49	21	.46	2	6.66	.01	.01	2	20	200
104 110+50E	1	60	9	112	.1	27	29	1076	8.08	13	2	ND	2	13	1	2	2	282	.51	.03	2	86	.51	20	.65	2	3.60	.01	.01	2	5	90
104 111E	1	50	11	63	.1	22	9	201	8.81	13	9	ND	2	10	2	2	4	318	.49	.03	2	97	.42	15	.73	2	4.01	.01	.01	2	5	120
STD A-1	1	29	37	181	.3	35	12	969	2.73	10	2	ND	2	36	1	2	2	59	.61	.10	7	72	.74	275	.09	6	2.07	.02	.19	2	5	55

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg* ppb
104 111+50E	1	243	2	76	.4	28	73	2911	6.31	11	14	ND	3	10	1	2	5	181	.38	.05	11	149	.33	28	.45	6	8.00	.01	.01	2	5	290
104 112E	1	60	4	68	.1	32	14	283	8.38	15	3	ND	3	14	1	2	2	300	.58	.02	2	87	.66	17	.73	4	3.69	.01	.01	2	5	80
104 112+50E	1	104	4	66	.3	31	93	1902	3.86	11	16	ND	3	17	1	2	3	106	.59	.05	10	78	.37	25	.24	6	7.88	.01	.01	2	5	210
104 113E	1	23	5	19	.1	13	7	162	7.80	10	8	ND	3	9	1	2	2	317	.35	.02	3	61	.22	14	.65	3	1.81	.01	.01	2	10	50
114 100E	1	53	14	22	.1	12	8	133	5.12	6	2	ND	3	11	1	2	2	208	.24	.01	2	49	.26	9	.50	4	1.92	.01	.01	2	15	120
114 101E	1	60	6	48	.1	30	11	219	9.40	10	22	ND	3	13	1	2	3	286	.23	.02	2	181	.62	10	.69	2	6.81	.01	.01	2	10	210
114 102E	1	87	1	35	.1	22	7	174	6.99	18	19	ND	3	9	1	2	3	239	.28	.03	3	124	.42	8	.66	3	5.86	.01	.01	2	5	240
114 103E	16	33	10	41	.1	17	148	4957	16.21	16	8	ND	5	9	1	2	2	243	.18	.06	4	89	.26	22	.35	2	3.70	.01	.01	2	30	290
114 104E	3	12	9	15	.1	9	4	138	4.70	4	7	ND	3	10	1	2	3	346	.20	.01	2	51	.18	9	.73	2	1.60	.01	.01	2	10	90
114 105E	1	72	9	158	.1	61	77	2009	6.24	20	9	ND	3	20	1	2	2	165	.70	.05	4	98	1.43	38	.13	5	5.63	.01	.01	2	45	220
114 106E	1	51	8	31	.1	22	9	602	13.18	20	7	ND	4	9	1	2	2	356	.19	.04	2	138	.52	7	.73	2	4.69	.01	.02	2	5	280
114 107E	1	49	9	23	.1	17	7	281	10.56	16	8	ND	3	8	1	8	2	351	.20	.02	2	128	.37	6	.63	2	3.92	.01	.01	2	5	190
114 108E	1	5	4	5	.1	3	1	39	.71	2	2	ND	2	6	1	2	2	115	.21	.01	2	15	.07	3	.24	2	.52	.01	.01	2	15	60
114 109E	1	37	9	42	.1	22	18	284	12.53	14	7	ND	4	11	1	2	2	300	.22	.04	2	125	.48	10	.65	2	4.19	.01	.01	2	10	180
114 111E	1	3	5	5	.1	2	1	29	.72	6	2	ND	2	6	1	4	3	139	.17	.01	2	19	.04	4	.31	2	.59	.01	.01	2	5	70
114 112E	1	27	8	25	.1	14	6	229	8.81	2	6	ND	3	9	1	4	2	363	.26	.02	2	100	.30	9	.67	2	3.45	.01	.01	2	5	100
116 100E	1	4	8	24	.1	3	1	897	.11	2	2	ND	2	17	1	2	2	5	.19	.05	2	3	.12	16	.01	5	.15	.01	.03	2	5	220
116 101E	1	100	18	146	.3	40	63	2233	5.49	12	12	ND	3	13	2	4	4	149	.36	.03	5	98	.49	21	.38	4	6.27	.01	.01	2	10	280
116 102E	1	89	16	88	.1	30	35	612	8.95	11	10	ND	3	18	1	2	3	249	.25	.03	5	113	.58	23	.66	2	4.67	.01	.01	2	5	270
116 103E	1	92	3	65	.1	20	7	155	7.83	15	18	ND	2	8	2	5	4	221	.20	.02	3	123	.30	10	.58	5	6.99	.01	.01	2	5	200
116 104E	1	64	4	41	.1	33	12	248	7.38	13	13	ND	3	12	1	2	7	214	.33	.02	2	143	.78	9	.65	3	6.52	.01	.01	2	5	140
116 105E	1	54	4	21	.2	16	6	144	7.76	13	14	ND	2	7	1	3	6	216	.23	.02	2	132	.39	6	.62	4	6.23	.01	.01	2	15	320
116 106E	1	53	7	15	.1	16	5	132	15.12	14	7	ND	3	11	1	2	2	338	.15	.02	3	247	.24	6	.72	2	5.38	.01	.01	2	20	300
116 107E	1	33	8	23	.1	14	17	234	11.72	13	10	ND	3	8	1	2	2	255	.16	.03	3	80	.23	9	.46	2	3.34	.01	.01	2	5	140
116 109E	1	4	4	5	.1	2	1	122	.76	3	2	ND	3	5	1	2	2	129	.21	.01	2	15	.03	3	.24	4	.37	.01	.01	2	5	50
116 110E	1	18	7	12	.1	9	4	108	7.93	9	8	ND	3	10	1	2	2	364	.33	.01	2	60	.21	5	.62	3	1.46	.01	.01	2	5	60
116 111E	1	8	7	16	.1	7	3	81	4.57	8	6	ND	3	11	1	4	3	220	.41	.01	2	41	.19	7	.64	3	1.14	.01	.01	2	5	30
116 112E	3	64	6	54	.1	19	79	1497	10.30	10	10	ND	3	10	1	2	2	256	.25	.04	3	122	.34	12	.57	3	4.60	.01	.01	2	10	200
STD A-1	1	29	38	182	.3	37	13	1028	2.79	10	2	ND	5	36	1	2	2	58	.61	.10	8	75	.78	276	.09	7	2.07	.02	.22	2	5	55

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg* ppb
93 120+50E	1	81	6	43	.1	26	27	1153	8.35	16	12	ND	3	9	1	2	2	260	.45	.15	3	109	.41	28	.62	4	7.90	.01	.01	2	5	410
97 93E	1	46	10	31	.1	19	10	473	8.24	14	11	ND	3	11	1	2	2	277	.44	.07	3	101	.34	12	.70	3	4.71	.01	.01	2	5	230
97 93+50E	1	26	6	29	.1	13	10	562	8.93	12	6	ND	3	10	1	2	2	251	.32	.06	2	84	.17	12	.61	3	3.20	.01	.01	2	5	190
97 94E	1	112	9	29	.4	13	49	3736	5.19	13	12	ND	4	8	1	2	2	142	.36	.08	4	101	.27	13	.39	4	5.37	.01	.01	2	5	360
97 95E	1	91	5	32	.1	18	16	545	7.97	17	9	ND	3	8	1	2	2	248	.33	.07	2	71	.32	14	.63	5	5.68	.01	.01	2	5	220
97 95+50E	1	41	3	32	.1	14	7	227	6.43	8	5	ND	3	7	1	2	2	189	.27	.06	2	73	.22	11	.48	4	5.33	.01	.01	2	5	240
97 96E	1	62	12	41	.1	19	12	227	8.56	14	11	ND	3	9	1	2	2	297	.32	.04	4	87	.32	18	.68	4	5.62	.01	.01	2	5	170
97 96+50E	1	75	4	32	.2	25	13	342	5.05	10	5	ND	3	13	1	2	2	158	.67	.03	4	61	.65	14	.45	5	4.73	.01	.01	2	5	160
97 97E	8	23	7	14	.3	7	5	188	5.05	3	2	ND	3	7	1	2	2	192	.19	.03	2	40	.12	11	.46	4	1.95	.01	.01	2	5	150
97 97+50E	1	40	6	30	.2	11	11	612	5.06	11	13	ND	3	11	1	2	2	145	.25	.10	4	49	.22	28	.31	5	6.18	.01	.01	2	5	280
97 98E	1	27	5	40	.4	12	9	494	4.33	6	9	ND	4	18	1	2	2	115	.27	.06	5	26	.26	54	.20	4	3.93	.01	.01	2	5	200
97 98+50E	1	4	5	23	.1	3	3	339	2.69	3	2	ND	4	53	1	2	2	53	.22	.03	3	6	.26	74	.05	3	2.28	.01	.01	2	5	80
97 99E	4	79	5	28	.2	31	16	385	4.38	9	10	ND	3	17	1	2	2	131	.39	.02	5	40	.41	31	.21	5	3.95	.01	.01	2	5	120
97 99+50E	1	47	7	34	.1	15	7	225	5.77	7	4	ND	3	19	1	2	2	172	.39	.04	2	43	.30	28	.44	4	2.95	.01	.01	2	5	70
97 100E	6	133	8	37	.1	26	17	304	5.65	12	8	ND	2	18	1	2	2	177	.46	.04	4	51	.52	27	.47	4	3.61	.01	.01	2	5	130
97 103+50E	1	41	6	31	.1	31	10	197	5.10	6	10	ND	3	13	1	2	2	158	.46	.03	2	59	.74	21	.32	5	3.66	.01	.01	2	5	60
97 105+50E	1	98	8	44	.2	29	26	426	5.60	9	16	ND	2	40	1	2	2	145	.41	.05	2	67	.44	24	.42	5	6.35	.01	.01	2	5	160
97 107+50E	1	106	5	24	.4	22	10	263	5.88	12	13	ND	3	13	1	2	2	175	.66	.02	2	66	.49	12	.54	5	5.90	.01	.01	2	5	190
97 108+50E	1	44	10	79	.1	19	54	1323	6.47	2	2	ND	3	18	1	2	2	187	.61	.04	3	51	.28	30	.47	4	2.46	.01	.01	2	15	60
97 109E	1	37	10	44	.2	15	17	619	4.95	10	2	ND	2	21	1	2	2	158	.47	.03	3	43	.22	18	.51	4	1.99	.01	.01	2	5	100
97 111+50E	20	165	12	316	.1	29	37	847	7.99	13	8	ND	2	19	5	2	2	211	.91	.03	3	86	.44	21	.57	3	2.80	.01	.01	2	5	40
97 112E	2	90	7	66	.4	27	11	334	6.37	13	8	ND	3	13	1	2	2	201	.52	.05	2	88	.60	12	.48	4	4.73	.01	.01	2	5	170
97 112+50E	22	496	7	212	.3	80	30	472	6.01	14	14	ND	2	12	1	2	2	165	.48	.02	2	150	2.07	19	.39	4	5.24	.01	.02	2	5	130
97 113+50E	1	87	6	37	.2	15	6	193	7.10	15	8	ND	3	11	1	2	2	186	.30	.13	2	89	.37	8	.37	5	5.25	.01	.01	2	5	200
97 116E	14	47	7	19	.1	9	4	113	5.69	2	4	ND	2	11	1	2	2	200	.26	.03	2	46	.18	8	.41	4	2.69	.01	.01	2	5	80
97 117E	22	86	5	44	.2	13	6	151	5.08	9	3	ND	2	10	1	2	2	148	.28	.04	5	45	.21	15	.35	5	5.77	.01	.01	2	5	160
111 107+50E	1	11	14	17	.1	13	5	116	6.21	5	9	ND	2	14	1	2	3	380	.32	.01	2	76	.39	6	.70	3	1.80	.01	.01	2	5	50
111 108E	1	17	13	16	.1	12	4	133	9.38	5	2	ND	2	9	1	2	2	345	.20	.02	2	104	.27	5	.57	2	2.28	.01	.01	2	5	70
111 108+50E	1	30	10	17	.4	13	5	134	13.73	11	2	ND	2	7	1	2	2	333	.15	.03	3	154	.24	2	.61	2	3.49	.01	.01	2	5	90
111 109E	1	86	8	27	.4	18	7	163	13.77	15	9	ND	2	8	1	3	2	334	.18	.03	3	170	.34	8	.66	2	5.95	.01	.01	2	10	150
111 109+50E	1	42	12	14	.1	10	4	83	9.35	8	12	ND	2	8	1	2	2	374	.14	.02	2	82	.10	5	.60	4	2.03	.01	.01	2	5	110
111 110E	1	106	11	37	.4	20	10	231	10.65	14	6	ND	2	13	1	2	2	316	.26	.04	3	120	.50	10	.68	2	4.22	.01	.01	2	5	190
111 110+50E	1	42	9	26	.1	21	10	255	9.35	10	9	ND	2	13	1	2	2	318	.26	.02	2	116	.47	11	.65	4	3.76	.01	.01	2	95	170
111 111E	1	16	10	11	.1	9	3	111	10.04	4	2	ND	2	8	1	2	2	400	.26	.02	2	71	.12	2	.71	4	1.77	.01	.01	2	10	60
111 111+50E	1	27	10	16	.1	11	4	122	7.59	11	7	ND	2	11	1	2	2	317	.31	.02	2	83	.25	5	.60	5	2.16	.01	.01	2	35	120
112 100E	1	84	8	32	.1	22	8	163	8.11	14	17	ND	2	9	1	2	2	255	.24	.02	2	156	.47	6	.64	5	7.20	.01	.01	2	5	480
112 100+50E	1	29	7	22	.1	29	9	185	9.72	7	5	ND	2	16	1	2	2	320	.31	.02	2	140	.81	5	.68	4	2.88	.01	.01	2	5	130
STD A-1	1	30	37	180	.3	35	13	1017	2.78	10	2	ND	3	35	1	2	2	57	.61	.10	8	75	.78	280	.09	7	2.06	.02	.20	2	5	50

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Aut ppb	Hgt ppb
112 101E	1	143	11	49	.2	32	11	234	4.60	2	2	ND	2	9	1	9	2	125	.15	.03	4	152	.57	7	.31	3	9.84	.01	.01	2	5	280
112 101+50E	1	64	6	38	.1	18	16	409	9.06	2	3	ND	2	17	1	5	2	249	.25	.02	2	122	.37	14	.46	3	5.41	.01	.03	2	5	230
112 102E	1	28	5	15	.1	9	4	111	7.83	2	3	ND	2	9	1	2	4	318	.21	.02	2	82	.14	6	.57	2	2.96	.01	.02	2	5	140
112 102+50E	1	24	5	10	.4	10	4	87	12.21	2	2	ND	2	6	1	2	2	471	.13	.02	2	88	.12	3	.70	2	2.40	.01	.02	2	5	210
112 103E	1	7	6	4	.1	3	2	44	1.98	2	8	ND	2	4	1	2	3	133	.05	.01	2	10	.06	6	.26	2	.75	.01	.02	2	5	70
112 103+50E	1	45	4	19	.1	17	7	163	9.11	2	2	ND	2	7	1	2	4	260	.36	.02	2	78	.47	5	.63	2	2.92	.01	.02	2	5	180
112 104E	1	51	9	15	.6	11	4	102	12.09	2	2	ND	2	6	1	2	2	349	.11	.02	2	134	.15	5	.63	2	3.33	.01	.02	2	5	200
112 104+50E	12	157	10	128	.5	36	74	1033	10.08	15	2	ND	2	16	1	7	2	220	.16	.04	2	150	.64	17	.38	2	8.39	.01	.04	2	5	240
112 105E	1	70	7	22	.8	18	7	157	11.11	2	2	ND	2	9	1	2	2	329	.14	.02	2	143	.34	7	.58	2	5.36	.01	.01	2	5	240
112 105+50E	18	63	11	24	.6	18	7	251	13.23	10	2	ND	2	23	1	2	2	334	.11	.02	2	137	.50	22	.40	2	4.19	.01	.02	2	5	280
112 106E	2	34	9	18	.4	11	5	102	11.01	5	3	ND	2	8	1	2	2	344	.21	.02	2	94	.18	6	.55	2	2.48	.01	.02	2	15	130
112 106+50E	1	1	4	3	.1	5	2	121	2.75	2	11	ND	2	6	1	2	2	226	.14	.01	2	19	.03	2	.24	5	.29	.01	.03	2	5	60
112 107+50E	1	52	4	6	.2	10	4	43	.65	3	2	ND	2	8	1	7	2	28	.14	.11	5	53	.06	9	.03	3	3.01	.01	.03	2	5	460
112 108E	1	12	10	10	.4	9	3	83	10.96	4	11	ND	2	5	1	2	2	402	.09	.01	2	113	.11	3	.54	2	1.66	.01	.01	2	5	90
112 108+50E	1	73	8	30	.1	20	7	167	6.81	5	2	ND	2	12	1	2	2	190	.24	.02	2	129	.53	9	.49	3	5.94	.01	.01	2	5	180
112 109E	1	45	8	16	.5	14	5	123	13.77	6	2	ND	2	8	1	2	2	472	.16	.02	2	146	.27	5	.57	2	2.77	.01	.01	2	5	90
112 109+50E	1	42	7	24	.5	14	6	147	10.55	5	2	ND	2	9	1	2	2	357	.27	.02	2	139	.31	6	.65	2	3.89	.01	.02	2	5	200
112 110E	1	68	4	16	.1	14	5	147	8.89	10	2	ND	2	4	1	2	2	282	.13	.05	2	160	.22	7	.58	3	7.60	.01	.01	2	5	300
112 110+50E	1	76	10	39	.1	20	9	223	8.90	3	2	ND	2	10	1	2	2	298	.31	.04	2	125	.49	9	.67	2	5.38	.01	.01	2	5	340
112 111E	1	33	6	26	.1	16	6	144	7.95	2	3	ND	2	9	1	2	3	300	.26	.03	2	110	.34	12	.59	2	3.42	.01	.01	2	15	180
112 111+50E	1	38	8	42	.4	16	7	188	12.10	8	2	ND	2	8	1	3	2	337	.22	.04	2	122	.27	10	.74	2	4.45	.01	.01	2	5	160
STD A-1	1	30	39	184	.2	37	13	1032	2.85	10	2	ND	2	36	1	2	2	61	.59	.10	8	78	.79	289	.09	7	2.13	.02	.22	2	5	50

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS, VANCOUVER B.C. PH:253-3158 TELEX:04-53124

ICP GEOCHEMICAL ANALYSIS

A .500 GRAM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 90 DEG.C. FOR 1 HOUR. THE SAMPLE IS DILUTED TO 10 MLS WITH WATER.
THIS LEACH IS PARTIAL FOR: Ca,P,Mg,Al,Ti,La,Na,K,W,Ba,Si,Sr,Cr AND B. Au DETECTION 3 ppm.
AUI ANALYSIS BY AA FROM 10 GRAM SAMPLE. HG1 ANALYSIS BY FLAMELESS AA FROM .500 GRAM SAMPLE. SAMPLE TYPE - SOIL

DATE RECEIVED AUG 11 1983 DATE REPORTS MAILED Aug 18/83 ASSAYER D. Toye DEAN TOYE, CERTIFIED B.C. ASSAYER

FALCONBRIDGE LTD GROUP - NB FILE # 83-1581 PAGE 0 1

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au1 ppb	Hg1 ppb
95 93E	1	134	14	80	.2	40	17	393	7.60	7	2	ND	2	18	1	2	2	145	.48	.07	2	71	.78	57	.34	5	6.18	.01	.04	2	5	160
95 93+50E	1	98	8	64	.3	28	15	618	6.14	16	2	ND	2	20	1	2	2	168	.66	.09	4	57	.73	40	.39	6	5.67	.02	.04	2	5	130
95 94E	1	96	7	52	.2	20	11	560	3.77	6	2	ND	2	19	1	2	3	82	.46	.10	2	38	.46	31	.20	7	2.16	.01	.05	2	5	200
95 94+50E	1	94	7	50	.3	29	16	423	5.54	13	2	ND	2	16	1	2	3	154	.46	.04	2	48	.61	34	.40	5	4.30	.01	.03	2	5	160
95 95E	5	98	12	47	.3	27	13	421	6.08	18	2	ND	2	15	1	2	2	172	.62	.08	5	64	.65	33	.45	6	6.32	.02	.02	2	5	250
95 95+50E	1	57	10	31	.3	16	7	206	9.01	25	2	ND	2	11	1	2	2	285	.43	.05	4	86	.28	16	.68	6	4.75	.01	.01	2	5	220
95 96E	1	57	9	48	.2	21	10	290	8.43	13	3	ND	2	10	1	2	2	262	.40	.05	4	93	.32	16	.59	6	5.90	.01	.01	2	5	170
95 96+50E	1	43	9	53	.1	19	9	208	8.61	18	2	ND	2	13	1	2	2	244	.44	.03	3	81	.33	20	.60	5	4.30	.01	.01	2	5	220
95 97E	1	48	2	42	.2	19	8	162	7.90	12	3	ND	2	9	1	2	2	267	.32	.02	4	91	.23	16	.57	4	4.91	.01	.01	2	5	200
95 97+50E	6	62	9	30	.5	16	8	182	7.11	14	2	ND	2	8	1	2	3	210	.26	.03	11	84	.24	14	.50	5	5.16	.01	.01	2	5	330
95 98E	1	87	14	49	.2	35	16	322	8.16	22	2	ND	2	13	1	2	2	269	.48	.04	5	109	.62	24	.64	7	6.47	.01	.01	2	5	250
95 98+50E	22	29	7	26	.1	13	8	184	9.84	23	2	ND	2	9	1	2	2	367	.25	.02	7	70	.13	50	.67	3	2.43	.01	.02	2	5	160
95 99E	13	65	13	30	.1	14	8	258	7.82	8	5	ND	2	8	1	2	2	240	.26	.05	5	77	.18	16	.51	5	6.32	.01	.01	2	5	310
95 99+50E	2	149	7	37	.5	26	14	599	3.95	13	4	ND	2	20	1	2	2	118	.77	.04	7	52	.75	35	.29	6	3.79	.02	.03	2	5	150
95 100E	2	260	10	56	.4	38	28	4676	4.44	8	2	ND	2	40	1	2	3	107	.96	.09	7	60	.86	61	.20	7	5.15	.02	.03	2	5	290
103 109E	1	10	3	12	.1	6	3	234	3.42	19	2	ND	2	28	1	2	2	165	.43	.02	2	39	.12	7	.38	4	.81	.01	.01	2	5	40
103 109+50E	15	51	13	169	.3	31	16	391	8.21	22	2	ND	2	17	1	2	2	199	.53	.03	2	90	.54	14	.54	5	3.69	.01	.01	2	5	110
103 110E	2	41	7	124	.1	20	9	216	8.07	25	2	ND	2	16	1	2	2	247	.49	.03	2	88	.41	14	.58	5	2.41	.01	.02	2	10	80
103 110+50E	1	59	7	144	.1	22	51	1183	7.26	23	3	ND	2	15	1	2	2	263	.59	.03	5	68	.30	27	.59	6	3.04	.01	.02	2	5	260
103 111E	1	55	10	150	.1	26	28	460	6.94	18	2	ND	2	16	1	2	2	247	.72	.02	2	66	.35	23	.58	5	3.07	.01	.02	2	5	70
103 111+50E	1	15	5	28	.1	11	6	162	6.50	23	2	ND	2	13	1	2	2	249	.45	.02	2	53	.20	11	.51	5	1.47	.01	.01	2	5	30
103 112E	1	13	4	14	.1	8	2	88	3.97	18	2	ND	2	14	1	2	2	148	.35	.02	2	37	.13	11	.37	4	1.08	.01	.02	2	5	40
103 112+50E	1	18	4	30	.1	37	11	285	4.12	11	2	ND	2	38	1	2	2	123	.39	.01	2	68	.90	15	.26	4	1.78	.01	.01	2	30	30
103 113E	1	14	9	18	.2	11	3	117	6.16	29	3	ND	2	12	1	2	2	233	.34	.01	2	54	.21	8	.46	4	1.49	.01	.01	2	5	100
108 100E	4	79	10	42	.1	25	127	1633	10.06	18	2	ND	2	12	1	2	2	210	.34	.04	2	102	.43	16	.56	6	5.79	.01	.01	2	5	350
108 100+50E	1	72	10	31	.1	19	12	199	7.30	21	2	ND	2	12	1	2	2	232	.31	.02	2	96	.27	10	.59	6	6.06	.01	.01	2	10	200
108 101E	2	44	12	24	.1	14	6	108	9.32	22	2	ND	2	11	1	2	2	234	.24	.03	2	80	.16	14	.51	5	4.97	.01	.01	2	5	230
108 101+50E	3	38	10	16	.4	13	4	132	16.31	18	2	ND	2	7	1	2	2	351	.20	.03	2	127	.14	8	.59	2	5.16	.01	.01	2	5	120
108 102E	1	29	10	22	.1	11	4	124	8.10	14	2	ND	2	11	1	2	2	267	.28	.03	2	78	.17	9	.46	4	3.75	.01	.01	2	5	60
108 102+50E	1	59	12	16	.1	13	4	169	7.98	21	2	ND	2	11	1	2	2	306	.35	.03	2	78	.27	7	.53	4	3.49	.01	.01	2	5	110
108 103E	1	33	8	17	.1	13	4	106	7.08	20	3	ND	2	10	1	2	2	242	.22	.02	2	71	.24	7	.45	4	3.28	.01	.01	2	10	120
108 103+25E	1	39	13	19	.1	22	6	137	8.49	23	2	ND	2	9	1	2	2	268	.19	.02	2	124	.46	9	.47	5	4.56	.01	.02	2	5	200
108 105+50E	1	4	2	17	.1	2	1	27	.16	2	2	ND	2	22	1	2	2	5	.28	.04	2	3	.13	24	.01	8	.15	.02	.03	2	5	140
108 106E	1	19	9	19	.2	17	4	117	5.66	21	2	ND	2	10	1	3	2	209	.25	.02	2	110	.40	6	.41	4	2.87	.01	.01	2	5	100
108 106+50E	1	69	7	35	.1	24	8	192	8.03	22	2	ND	2	16	1	2	2	237	.30	.03	2	133	.60	9	.57	4	4.27	.01	.02	2	5	150
108 107E	1	7	8	9	.1	6	1	71	3.81	19	2	ND	2	13	1	2	2	247	.28	.01	2	47	.12	6	.42	3	1.19	.01	.01	2	15	20
108 107+50E	1	43	13	33	.1	20	7	171	9.98	17	2	ND	2	14	1	2	2	287	.21	.02	2	160	.44	10	.56	2	4.74	.01	.01	2	10	210
STD A-1/AU 0.5	1	30	38	181	.3	35	13	1041	2.82	10	2	ND	2	36	1	2	2	56	.59	.09	7	72	.72	278	.08	7	2.06	.02	.20	2	510	50

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg* ppb
108 108E	1	81	10	47	.3	29	11	317	7.26	18	3	ND	2	22	2	2	2	186	.35	.03	2	161	.94	15	.54	4	5.10	.01	.01	2	5	160
108 108+50E	1	41	9	72	.1	18	10	273	9.77	5	2	ND	2	17	2	2	2	223	.30	.03	2	114	.44	13	.35	2	4.32	.01	.01	2	35	130
108 109E	1	53	12	31	.1	14	6	183	10.78	4	4	ND	2	11	1	2	2	282	.24	.05	2	145	.28	10	.53	2	4.92	.01	.01	2	5	200
108 109+50E	1	17	7	17	.1	10	5	151	6.85	8	2	ND	2	19	1	3	2	261	.42	.02	2	84	.24	8	.45	3	2.02	.01	.01	2	5	160
108 110E	1	67	7	42	.1	21	10	550	6.62	10	2	ND	2	20	2	2	2	215	.49	.03	2	80	.60	12	.49	5	3.42	.01	.01	2	5	250
108 110+50E	1	48	8	38	.1	16	9	361	8.09	5	6	ND	2	14	2	4	2	241	.32	.04	2	105	.33	11	.53	4	4.30	.01	.01	2	5	220
108 111E	1	54	10	50	.5	21	18	359	13.23	6	2	ND	2	19	1	8	2	308	.29	.04	2	152	.42	15	.68	2	4.25	.01	.01	2	5	170
108 111+50E	1	68	9	58	.3	20	8	185	9.45	2	5	ND	2	9	2	2	2	204	.29	.05	2	164	.44	10	.51	6	7.84	.01	.01	2	5	220
108 112E	1	40	10	31	.1	16	6	185	8.19	9	2	ND	2	10	2	2	2	313	.46	.04	2	78	.30	13	.65	6	3.29	.01	.01	2	40	200
108 112+50E	1	4	2	21	.1	4	1	36	.12	2	2	ND	2	26	1	2	2	4	.51	.05	2	3	.11	48	.01	9	.15	.02	.04	2	5	330
110 100E	1	73	10	25	.1	15	5	132	6.87	11	2	ND	2	11	1	2	2	211	.35	.02	2	108	.28	9	.52	3	6.12	.01	.01	2	5	250
110 100+50E	1	65	10	26	.1	16	19	286	8.45	9	3	ND	2	11	2	2	2	234	.31	.03	2	94	.24	10	.60	4	6.04	.01	.01	2	5	160
110 101E	1	103	11	36	.1	20	16	373	5.55	18	2	ND	2	16	2	2	2	188	.43	.03	3	79	.37	13	.50	6	5.60	.01	.01	2	5	310
110 101+50E	1	125	6	39	.1	23	20	257	5.94	8	2	ND	2	15	2	2	2	164	.44	.02	2	71	.42	13	.56	7	4.96	.01	.01	2	5	150
110 102E	1	60	10	21	.1	16	7	147	8.19	4	5	ND	2	12	2	2	2	247	.38	.02	2	88	.32	9	.59	4	4.75	.01	.01	2	5	290
110 102+50E	1	53	12	14	.6	10	4	96	11.92	16	4	ND	2	7	2	2	2	367	.18	.02	2	105	.15	6	.65	2	3.94	.01	.01	2	5	40
110 103+50E	1	5	3	2	.1	2	1	45	.75	8	2	ND	2	9	1	2	2	95	.21	.01	2	20	.02	7	.26	4	.56	.01	.01	2	110	110
110 104E	1	2	6	1	.1	1	1	35	.26	11	2	ND	2	6	1	2	2	31	.10	.01	2	14	.01	7	.22	2	.27	.01	.01	2	5	60
110 105E	6	19	11	45	.1	30	101	2728	7.61	3	7	ND	2	21	1	2	2	259	.43	.04	2	73	1.12	19	.24	6	2.17	.01	.02	2	5	200
110 105+50E	2	29	5	18	.1	10	7	178	5.69	11	3	ND	2	11	1	2	2	331	.21	.02	2	72	.24	9	.53	5	2.24	.01	.01	2	5	70
110 106E	8	57	19	86	.1	24	47	670	8.86	4	2	ND	2	15	2	2	2	202	.23	.03	2	100	.67	13	.33	5	4.32	.01	.01	2	5	30
110 106+50E	1	33	11	42	.1	18	9	177	8.74	12	3	ND	2	11	2	2	2	240	.23	.03	2	129	.34	9	.52	4	4.72	.01	.01	2	5	40
110 107E	1	56	9	49	.1	31	11	250	9.13	15	2	ND	2	14	2	2	2	233	.27	.03	2	166	.68	15	.55	3	6.02	.01	.01	2	5	30
110 107+50E	1	33	8	27	.1	18	6	190	9.03	10	2	ND	2	14	2	2	2	258	.25	.03	2	141	.46	7	.47	2	3.82	.01	.01	2	5	100
110 108E	1	101	14	45	.1	26	8	212	5.93	11	4	ND	2	13	2	2	3	158	.29	.04	3	160	.62	12	.39	7	7.09	.01	.01	2	10	350
110 108+50E	1	72	10	38	.1	19	9	239	6.01	21	3	ND	2	15	2	2	2	190	.32	.04	2	135	.50	9	.51	5	5.53	.01	.01	2	5	200
110 109E	1	40	8	18	.1	12	4	148	9.82	15	2	ND	2	15	2	2	2	361	.31	.03	2	104	.31	6	.51	2	2.63	.01	.01	2	5	230
110 109+50E	1	73	12	37	.1	20	7	212	8.24	17	2	ND	2	16	2	2	2	247	.33	.04	2	127	.51	10	.53	2	5.16	.01	.01	2	5	120
110 110E	1	47	10	26	.1	15	15	984	8.57	13	2	ND	2	19	2	2	2	295	.32	.04	2	104	.33	15	.50	3	3.27	.01	.01	2	5	60
110 110+50E	1	129	9	39	.1	27	11	380	5.77	13	3	ND	2	21	2	2	2	177	.59	.04	2	95	.88	12	.40	3	5.13	.01	.01	2	5	110
110 111E	1	226	14	48	.1	17	20	476	7.86	6	2	ND	2	12	2	2	2	185	.24	.05	2	83	.40	17	.44	6	6.86	.01	.01	2	5	120
110 111+50E	1	77	11	40	.1	20	11	229	9.04	12	6	ND	2	13	2	2	2	286	.37	.03	2	106	.33	16	.62	3	5.20	.01	.01	2	10	200
110 112E	1	63	9	52	.1	19	23	497	9.54	22	2	ND	2	14	3	4	2	304	.43	.03	2	93	.34	18	.67	4	4.14	.01	.02	2	35	140
110 112+44E	1	96	10	40	.1	27	12	287	8.01	19	2	ND	2	13	2	2	2	249	.62	.05	2	109	.55	16	.58	6	6.06	.01	.01	2	5	100
STD A-1/AU 0.5	1	30	37	178	.3	35	12	996	2.82	10	2	ND	2	36	2	2	2	57	.59	.10	7	74	.72	278	.09	7	2.07	.02	.19	2	490	150

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg* ppb
94 94+50E	1	59	5	38	.6	20	16	709	7.99	2	2	ND	2	12	1	2	2	172	.45	.09	3	75	.28	33	.39	6	5.27	.01	.02	2	50	360
94 95E	1	54	11	40	.1	21	10	275	6.37	2	2	ND	2	12	1	2	2	186	.34	.06	2	67	.31	22	.42	8	5.27	.01	.01	2	10	110
94 95+50E	1	102	4	40	.3	29	14	389	6.84	14	4	ND	2	18	1	2	3	213	.59	.05	4	67	.69	41	.50	8	4.72	.01	.02	2	45	210
94 96E	1	68	10	37	.1	26	10	308	7.10	13	3	ND	2	17	1	2	2	212	.56	.03	2	56	.52	81	.52	5	3.59	.01	.02	2	5	90
94 96+50E	1	117	9	41	.1	32	20	863	6.55	10	4	ND	2	16	1	2	3	204	.78	.06	5	92	.71	23	.53	8	5.80	.01	.01	2	5	220
94 97E	1	58	10	34	.1	21	11	248	8.85	10	3	ND	2	11	1	2	2	267	.39	.04	3	105	.33	15	.58	6	5.90	.01	.01	2	5	210
94 97+50E	1	109	10	44	.2	35	26	1151	5.36	10	4	ND	2	20	1	2	2	157	.85	.05	5	89	.78	27	.43	9	5.28	.01	.01	2	5	200
94 98E	1	98	9	50	.1	32	24	1781	5.97	8	2	ND	2	18	1	2	2	172	.66	.07	6	91	.51	34	.42	6	5.48	.01	.01	2	5	190
94 98+50E	1	105	7	41	.1	26	14	607	4.14	7	2	ND	2	28	1	2	2	125	1.12	.04	4	40	.89	30	.30	9	2.66	.02	.02	2	5	60
94 99+50E	1	73	12	38	.2	25	16	738	5.64	9	2	ND	2	22	1	2	2	179	.83	.04	3	86	.60	18	.47	6	3.97	.01	.01	2	5	160
101 100E	1	60	12	27	.1	18	7	207	6.56	5	2	ND	2	14	1	2	2	215	.33	.02	2	67	.32	16	.41	4	4.38	.01	.01	2	5	190
101 100+50E	1	24	14	20	.1	20	5	161	9.18	2	3	ND	2	10	1	2	2	260	.24	.02	2	115	.36	10	.41	2	3.97	.01	.01	2	5	140
101 101E	2	63	14	28	.1	18	7	207	9.64	11	4	ND	2	13	1	2	2	276	.28	.02	2	93	.39	12	.54	4	5.21	.01	.01	2	5	240
101 101+50E	1	124	11	37	.1	26	14	314	6.57	7	2	ND	2	18	1	2	2	181	.37	.04	2	98	.45	14	.37	4	5.65	.01	.01	2	5	190
101 102E	1	28	9	25	.1	13	10	274	7.78	10	2	ND	2	20	1	2	2	256	.36	.02	2	79	.27	12	.46	2	2.38	.01	.01	2	5	70
101 102+75E	2	63	21	23	.4	11	6	206	13.85	2	4	ND	2	8	1	2	2	294	.16	.07	2	128	.16	10	.47	2	6.13	.01	.01	2	25	250
101 103E	1	80	11	53	.1	26	27	575	6.14	6	2	ND	2	22	1	2	2	173	.55	.05	2	67	.79	21	.42	3	3.91	.02	.01	2	5	80
101 103+50E	1	25	8	16	.1	10	8	276	7.50	4	2	ND	2	20	1	2	2	232	.32	.06	2	56	.22	8	.37	2	1.87	.01	.01	2	5	40
101 103+75E	1	81	11	37	.3	17	10	243	9.35	14	2	ND	2	18	1	2	2	260	.35	.06	2	91	.34	18	.54	2	4.34	.01	.01	2	5	200
101 105+50E	9	188	15	31	1.1	19	11	192	12.51	2	3	ND	2	20	1	2	2	230	.18	.03	2	172	.40	16	.53	2	6.99	.01	.01	2	5	350
101 106+50E	1	149	7	46	.4	33	14	295	7.55	6	5	ND	2	20	1	2	2	203	.68	.06	2	94	.79	19	.48	7	4.90	.01	.01	2	5	190
101 107E	1	155	6	48	.2	26	13	346	9.28	12	2	ND	2	27	1	2	2	271	.44	.05	2	126	.81	11	.66	3	3.32	.01	.01	2	5	70
101 107+50E	1	49	9	41	.1	16	7	208	7.62	5	2	ND	2	18	1	2	2	225	.51	.06	2	85	.34	13	.46	5	3.62	.01	.02	2	5	60
101 108E	1	51	7	36	.2	15	7	164	7.71	10	2	ND	2	17	1	2	2	242	.52	.04	2	77	.29	13	.51	6	2.96	.01	.01	2	5	80
101 108+50E	2	65	8	102	.3	22	14	301	8.60	5	5	ND	2	16	1	2	2	266	.57	.05	2	77	.38	16	.58	4	3.51	.01	.01	2	5	70
101 109E	9	773	11	153	.4	22	35	844	7.55	10	2	ND	2	16	1	2	2	208	.68	.04	3	69	.39	15	.50	6	3.13	.01	.01	2	5	110
101 109+50E	5	47	11	82	.3	30	15	333	7.32	2	2	ND	2	16	1	4	2	216	.30	.03	2	136	.95	24	.28	4	2.95	.01	.01	2	35	60
101 110E	13	102	9	143	1.2	35	20	403	11.10	13	2	ND	2	11	1	2	3	299	.68	.06	2	134	.46	17	.73	5	6.55	.01	.01	2	10	300
101 111E	4	107	12	219	.4	48	23	2398	5.91	4	5	ND	2	23	3	2	2	165	.96	.04	4	105	.79	31	.40	8	5.65	.01	.02	2	5	180
101 111+50E	3	96	8	91	.1	38	22	1239	7.66	9	2	ND	2	20	1	2	2	220	.88	.05	2	99	.61	24	.55	5	4.08	.01	.01	2	5	60
101 112	1	102	7	52	.2	29	14	322	5.92	7	4	ND	2	16	1	2	2	168	.82	.03	2	78	.61	15	.44	6	4.71	.01	.01	2	5	140
101 112+50E	5	65	7	59	.1	23	14	289	6.83	12	2	ND	2	15	1	2	2	223	.61	.02	2	68	.41	16	.51	7	3.36	.01	.01	2	5	170
101 113E	1	69	9	50	.1	56	13	315	4.46	8	2	ND	2	18	1	2	2	141	.90	.02	2	70	.96	25	.39	7	3.25	.02	.01	2	5	70
102 100E	1	88	11	24	.1	19	5	170	8.52	4	4	ND	2	9	1	2	2	182	.33	.05	2	120	.38	10	.38	6	7.89	.01	.01	2	5	380
102 100+50E	1	64	11	36	.1	21	8	470	7.87	6	2	ND	2	14	1	2	2	231	.36	.03	2	95	.38	18	.45	5	5.30	.01	.01	2	5	120
102 101E	1	29	9	31	.1	23	6	182	6.61	5	2	ND	2	16	1	2	2	196	.28	.02	2	91	.57	12	.29	4	3.24	.01	.01	2	15	100
102 101+50E	1	120	9	37	.1	27	10	255	8.03	10	2	ND	2	33	1	2	2	206	.35	.04	2	111	.77	13	.57	4	5.43	.01	.01	2	5	150
STD A-1/AU 0.5	1	30	39	180	.3	35	12	1004	2.81	10	2	ND	2	36	1	2	2	56	.58	.09	7	75	.73	281	.08	7	2.04	.01	.21	2	540	50

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg* ppb
102 102E	1	50	8	40	.1	20	8	252	8.47	20	2	ND	2	18	1	2	2	214	.34	.04	2	120	.40	22	.48	3	4.95	.01	.02	2	5	170
102 102+50E	1	16	10	8	.1	7	2	66	7.19	17	9	ND	2	11	1	2	4	369	.15	.02	2	64	.09	7	.56	6	1.27	.01	.01	2	5	30
102 103E	1	168	7	49	.1	26	14	285	9.29	22	3	ND	2	19	1	2	2	238	.34	.06	2	108	.68	19	.47	4	6.91	.01	.02	2	5	110
102 103+50E	1	31	8	19	.1	13	6	165	8.94	22	7	ND	2	20	1	2	2	294	.27	.06	2	77	.35	8	.53	6	2.62	.01	.02	2	5	70
102 104E	1	29	15	14	.6	13	5	123	12.94	21	4	ND	2	11	1	2	2	332	.22	.03	2	123	.19	10	.64	2	3.49	.01	.02	2	5	130
102 104+50E	1	69	6	23	.1	17	8	311	7.75	19	2	ND	2	18	1	2	2	240	.34	.06	2	127	.41	10	.45	7	4.47	.01	.01	2	5	160
102 105E	1	6	7	5	.1	5	2	120	3.65	13	2	ND	2	16	1	2	2	199	.36	.02	2	46	.10	4	.37	6	.91	.01	.01	2	5	30
102 105+50E	1	43	12	23	.1	22	9	551	7.78	17	2	ND	2	20	1	2	2	252	.29	.12	2	169	.53	9	.40	6	3.29	.01	.01	2	230	140
102 106E	1	24	8	19	.1	12	6	382	6.34	14	2	ND	2	27	1	2	2	244	.46	.07	2	82	.33	9	.39	7	1.99	.01	.02	2	5	90
102 106+50E	1	56	7	30	.1	19	8	200	7.52	25	5	ND	2	16	1	2	2	259	.47	.04	2	86	.38	15	.58	7	3.21	.01	.01	2	5	80
102 107E	1	55	13	35	.1	16	6	290	7.72	23	6	ND	2	19	1	2	2	262	.33	.04	2	76	.26	15	.58	6	3.04	.01	.01	2	5	130
102 107+50E	1	33	12	43	.1	14	5	215	6.86	21	3	ND	2	16	1	2	2	232	.36	.04	2	73	.26	12	.52	4	2.12	.01	.01	2	5	80
102 108E	1	90	8	62	.3	29	15	310	9.32	29	6	ND	2	12	2	2	2	292	.57	.04	2	112	.55	18	.68	7	5.79	.01	.01	2	5	340
102 108+50E	46	94	12	70	.3	21	14	325	7.99	25	2	ND	2	39	1	2	2	232	.39	.03	2	91	.58	27	.53	6	3.10	.01	.02	2	5	80
102 109E	5	31	11	68	.1	18	10	243	7.74	23	2	ND	2	19	1	2	2	270	.44	.03	2	86	.34	13	.61	5	2.45	.01	.01	2	10	40
102 109+50E	9	79	12	169	.2	41	29	873	8.63	25	2	ND	2	20	2	2	2	201	.61	.03	2	123	.46	25	.52	8	5.15	.01	.02	2	45	110
102 110E	2	65	11	142	.1	30	22	222	9.18	26	4	ND	2	15	2	2	2	250	.47	.04	2	119	.34	17	.56	7	4.32	.01	.02	2	10	160
102 110+50E	1	59	12	213	.1	33	17	410	7.13	33	2	ND	2	14	2	2	2	244	.68	.03	2	75	.51	21	.62	6	3.31	.01	.01	2	5	100
102 111E	1	35	11	33	.1	15	5	122	8.53	28	2	ND	2	12	1	2	2	275	.49	.02	2	84	.28	11	.63	4	2.62	.01	.01	2	5	70
102 112E	1	21	8	39	.1	25	17	254	5.93	15	2	ND	2	18	1	2	2	175	.34	.02	2	68	.59	10	.38	3	1.88	.01	.01	2	20	50
102 112+50E	1	54	13	25	.1	17	6	177	8.15	24	2	ND	2	12	2	2	2	273	.45	.03	2	88	.33	13	.60	6	3.04	.01	.01	2	5	100
102 113E	1	38	9	42	.1	30	8	188	5.81	23	2	ND	2	13	1	2	2	186	.37	.03	2	102	.62	14	.45	4	3.11	.01	.01	2	5	60
106 100E	1	30	8	11	.1	9	3	76	8.20	20	5	ND	2	9	1	2	2	257	.19	.02	2	70	.16	9	.53	5	2.82	.01	.01	2	5	150
106 100+50E	1	18	9	11	.2	9	3	83	10.58	17	7	ND	2	8	1	2	2	375	.19	.03	2	79	.10	9	.64	3	2.10	.01	.01	2	15	80
106 101E	1	43	10	19	.1	16	6	148	7.06	19	2	ND	2	10	1	2	2	212	.28	.02	2	88	.32	9	.48	5	4.51	.01	.01	2	5	200
106 101+50E	1	9	6	6	.1	9	3	96	4.35	15	4	ND	2	8	1	2	2	229	.13	.01	2	52	.11	7	.36	3	1.11	.01	.01	2	10	130
106 102E	1	45	10	28	.1	22	6	152	6.45	19	2	ND	2	13	1	2	2	184	.29	.02	2	103	.42	13	.45	5	4.77	.01	.01	2	5	220
106 102+50E	1	4	1	11	.1	3	1	79	.19	2	2	ND	2	18	1	2	2	5	.10	.03	2	3	.13	13	.01	11	.15	.02	.04	2	5	100
106 103E	1	5	5	6	.1	4	1	147	3.62	3	2	ND	2	10	1	2	2	39	.15	.05	2	15	.05	13	.09	5	.31	.01	.03	2	5	200
106 103+50E	1	41	7	28	.4	8	3	2224	2.20	7	2	ND	2	194	1	2	4	95	16.24	.19	2	44	.46	41	.14	79	1.47	.02	.17	2	5	40
106 104E	1	5	1	8	.1	3	1	47	.07	2	2	ND	2	39	1	2	3	2	.15	.02	2	2	.13	17	.01	7	.16	.01	.02	2	5	70
106 104+50E	1	3	1	11	.1	3	1	30	.17	2	2	ND	2	27	1	2	2	2	.27	.04	2	2	.13	19	.01	9	.15	.01	.03	2	5	80
106 105E	1	59	10	24	.1	18	7	185	6.13	16	2	ND	2	23	1	2	3	203	.35	.03	2	93	.43	12	.51	4	3.70	.01	.01	2	5	130
106 105+50E	1	18	12	9	.1	11	3	70	9.60	21	6	ND	2	9	1	2	2	413	.20	.02	2	104	.15	4	.58	2	1.55	.01	.01	2	10	30
106 106E	1	37	11	20	.1	18	6	118	6.27	16	2	ND	2	16	1	2	2	238	.28	.03	2	113	.36	10	.48	4	3.13	.01	.01	2	5	90
106 106+50E	1	25	9	6	.1	11	3	62	10.97	27	7	ND	2	9	1	2	2	387	.19	.02	2	139	.14	4	.73	2	2.21	.01	.01	2	5	110
106 107+50E	2	10	9	3	.1	6	14	43	4.46	8	11	ND	2	6	1	2	3	287	.08	.01	2	36	.05	5	.35	6	.58	.01	.01	2	15	40
STD A-1/AU 0.5	1	30	38	184	.3	36	13	1034	2.82	9	2	ND	2	36	1	2	2	57	.59	.10	7	75	.74	272	.09	7	2.05	.02	.20	2	490	50

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg* ppb
106 108E	1	46	10	24	.6	15	5	177	14.05	25	9	ND	2	9	1	2	2	396	.24	.02	2	132	.23	9	.72	2	3.97	.01	.02	2	5	190
106 108+50E	1	109	9	62	.2	29	12	280	7.88	24	4	ND	2	14	1	2	2	198	.33	.04	2	136	.55	12	.45	3	6.64	.01	.01	2	5	230
106 109E	1	65	13	38	.2	19	9	267	7.47	19	6	ND	2	21	1	2	2	245	.40	.04	2	93	.46	13	.51	2	3.43	.01	.01	2	5	110
106 109+50E	1	36	13	39	.1	18	13	594	10.82	19	6	ND	2	11	1	2	2	275	.27	.08	2	145	.38	7	.51	2	4.38	.01	.01	2	5	130
106 110E	1	44	10	43	.5	19	26	679	10.50	19	6	ND	2	12	1	2	2	319	.29	.05	2	105	.47	11	.59	2	2.36	.01	.01	2	5	100
106 111E	1	60	11	218	.1	16	13	391	8.67	18	5	ND	2	14	1	2	2	276	.23	.02	2	89	.53	17	.31	3	3.32	.01	.02	2	50	110
106 111+50E	1	93	11	297	.2	37	25	307	8.27	23	3	ND	2	14	2	2	2	239	.55	.03	4	113	.41	21	.55	3	5.35	.01	.02	2	5	160
106 112E	1	24	10	40	.1	18	5	150	7.33	19	7	ND	2	11	1	2	2	299	.22	.01	2	86	.21	9	.54	2	2.15	.01	.01	2	5	50
106 112+50E	1	83	11	44	.2	24	9	168	11.73	30	5	ND	2	7	1	2	2	335	.33	.03	2	124	.34	11	.76	2	5.58	.01	.01	2	5	200
107 100E	2	29	11	34	.1	16	16	433	8.18	23	8	ND	2	17	1	2	2	258	.67	.03	2	70	.35	15	.58	5	2.33	.01	.02	2	10	170
107 100+50E	1	22	8	14	.1	9	3	283	2.83	10	2	ND	2	12	1	2	2	150	.46	.04	2	24	.22	7	.27	5	.59	.01	.03	2	5	180
107 101E	1	84	7	25	.1	20	10	316	4.58	12	2	ND	2	18	1	2	2	158	.79	.03	4	52	.61	10	.42	5	4.21	.02	.01	2	5	140
107 101+50E	1	7	5	15	.1	4	1	281	.85	6	2	ND	2	12	1	2	2	38	.62	.04	2	9	.10	13	.10	6	.25	.01	.03	2	5	190
107 102E	1	2	5	4	.1	3	1	73	1.33	5	2	ND	2	14	1	2	2	109	.45	.01	2	10	.04	4	.18	3	.43	.01	.01	2	5	20
107 102+50E	1	6	1	32	.1	2	1	64	.11	2	2	ND	2	23	1	2	2	4	.13	.03	2	3	.17	12	.01	5	.08	.01	.03	2	5	160
107 103E	1	61	7	21	.1	21	7	181	6.97	17	4	ND	2	10	1	2	2	208	.19	.03	2	124	.39	9	.37	2	5.51	.01	.01	2	5	240
107 103+50E	2	99	15	49	.1	34	124	4192	7.54	16	2	ND	2	33	1	2	2	108	.89	.08	2	68	.89	33	.18	5	3.23	.02	.02	2	5	200
107 104E	1	3	3	10	.1	2	1	27	.05	3	2	ND	2	20	1	5	2	2	.30	.03	2	1	.10	10	.01	4	.06	.01	.03	2	5	180
107 104+50E	1	46	8	25	.1	63	13	260	4.36	10	2	ND	2	13	1	3	2	90	.28	.02	2	186	1.28	5	.17	3	6.60	.01	.02	2	5	160
107 105E	1	8	5	14	.1	3	1	138	.13	2	2	ND	2	15	1	2	2	3	.65	.05	2	5	.11	27	.01	6	.17	.01	.06	2	5	150
107 105+50E	1	4	4	10	.1	6	1	35	.44	4	2	ND	2	14	1	2	2	65	.24	.02	2	21	.09	5	.07	5	.66	.01	.01	2	15	60
107 106E	1	6	2	37	.1	2	1	49	.04	2	2	ND	2	26	1	2	2	2	.44	.04	2	1	.09	9	.01	4	.10	.02	.03	2	5	150
107 106+50E	1	7	5	8	.1	8	2	81	3.35	12	3	ND	2	12	1	2	2	259	.30	.01	2	53	.16	5	.29	2	.75	.01	.01	2	5	30
107 107E	1	4	3	22	.1	2	1	135	.13	2	2	ND	2	18	1	2	3	8	.44	.04	2	4	.12	6	.01	5	.10	.01	.03	2	5	140
107 107+50E	1	84	4	31	.1	25	10	220	6.88	15	4	ND	2	8	1	3	2	194	.52	.02	2	122	.43	6	.44	5	7.00	.01	.01	2	5	170
107 108E	1	35	9	31	.1	18	7	269	9.72	21	5	ND	2	20	1	2	2	253	.51	.05	2	151	.52	7	.54	2	4.69	.01	.01	2	5	160
107 108+50E	1	31	12	85	.2	52	25	1242	5.88	21	4	ND	2	84	1	7	2	181	1.47	.04	2	195	2.44	9	.42	3	3.85	.01	.03	2	40	50
107 109E	1	10	4	7	.2	6	3	132	2.93	17	5	ND	2	19	1	2	2	198	.36	.01	2	26	.13	4	.38	3	.63	.01	.01	2	5	40
107 109+50E	1	11	5	29	.1	10	4	449	1.56	9	2	ND	2	24	1	2	3	119	.46	.03	2	39	.40	7	.26	4	1.02	.01	.02	2	5	100
107 110E	1	40	8	32	.1	15	6	331	5.93	16	4	ND	2	15	1	2	2	202	.38	.04	2	79	.35	10	.42	4	3.65	.01	.01	2	5	170
107 110+50E	1	6	1	18	.1	1	1	151	.13	2	2	ND	2	7	1	2	2	5	.32	.03	2	2	.07	6	.01	5	.10	.01	.01	2	5	50
107 111E	1	6	2	21	.1	1	1	197	.06	2	2	ND	2	9	1	2	2	2	.43	.05	2	1	.05	16	.01	6	.08	.01	.05	2	5	480
107 111+50E	1	8	7	10	.1	6	3	252	4.02	18	6	ND	2	11	1	2	2	241	.28	.01	2	36	.10	7	.44	3	.65	.01	.02	2	20	50
107 112E	1	21	4	24	.5	9	5	88	3.14	9	2	ND	2	15	1	2	2	90	.40	.07	2	34	.12	31	.22	7	.99	.02	.05	2	5	250
107 112+50E	1	88	6	32	.2	25	8	153	6.75	22	3	ND	2	8	1	2	2	179	.34	.03	2	111	.43	10	.44	4	7.26	.01	.01	2	5	340
107 113E	1	48	10	30	.1	16	5	150	9.04	23	5	ND	2	10	1	2	2	310	.38	.03	2	82	.26	15	.67	2	3.39	.01	.02	2	5	120
STD A-1/AU 0.5	1	30	39	179	.3	35	12	1004	2.79	10	2	ND	2	35	1	2	2	56	.57	.10	7	72	.72	273	.09	7	2.06	.02	.19	2	490	50

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Aut ppb	Hgt ppb
109 100E	5	70	7	82	.1	46	215	6907	6.47	10	2	ND	2	19	1	2	3	128	.66	.05	8	61	.59	56	.25	13	3.94	.01	.02	2	5	200
109 101E	1	89	5	29	.2	26	11	318	5.97	16	4	ND	2	12	1	2	2	149	.36	.04	5	95	.58	11	.41	10	6.56	.01	.01	2	5	180
109 101+50E	3	27	9	14	.4	10	4	120	11.47	2	9	ND	2	9	1	2	2	393	.22	.02	5	69	.14	6	.75	9	1.95	.01	.01	2	10	40
109 102+50E	1	4	7	3	.1	2	1	31	.82	5	2	ND	2	10	1	2	4	93	.19	.01	2	21	.02	3	.23	7	.46	.01	.01	2	5	50
109 103E	2	21	8	8	.1	9	3	70	8.67	6	9	ND	2	8	1	2	2	428	.19	.02	3	64	.13	5	.60	7	1.63	.01	.02	2	5	80
109 103+50E	2	16	3	5	.1	11	2	71	8.12	8	9	ND	2	6	1	2	2	411	.11	.01	3	80	.17	3	.51	7	1.29	.01	.01	2	5	20
109 104E	1	46	4	20	.2	19	4	129	4.35	14	2	ND	2	10	1	2	5	154	.13	.02	2	194	.48	8	.32	9	7.98	.01	.01	2	5	180
109 104+50E	1	23	5	7	.4	2	1	32	1.03	5	2	ND	2	7	1	4	4	163	.16	.02	2	15	.06	3	.24	8	.40	.01	.03	2	40	50
109 105E	1	5	2	7	.1	3	1	29	2.43	3	2	ND	2	5	1	2	3	97	.16	.04	2	23	.04	6	.14	7	.40	.01	.03	2	5	70
109 105+50E	1	7	2	9	.1	4	2	34	.69	2	2	ND	2	16	1	2	3	58	.41	.03	2	12	.06	17	.07	8	.46	.01	.03	2	5	100
109 106E	1	7	9	7	.1	6	2	83	3.75	8	4	ND	2	11	1	2	3	249	.23	.01	3	40	.10	5	.43	6	.83	.01	.01	2	10	20
109 106+50E	1	51	6	32	.1	23	8	167	8.49	18	5	ND	2	13	1	2	2	249	.28	.03	3	142	.52	8	.56	8	4.84	.01	.01	2	5	180
109 107E	16	18	12	114	.8	55	86	3199	18.66	27	2	ND	2	10	1	2	2	244	.62	.03	7	150	2.07	16	.19	2	4.88	.01	.01	2	5	160
109 107+50E	4	50	12	38	.8	24	8	223	11.38	16	5	ND	2	10	1	2	2	264	.21	.03	4	157	.55	13	.47	8	4.53	.01	.01	2	5	220
109 108E	7	87	9	49	.7	20	50	393	12.97	11	3	ND	2	5	1	2	2	187	.15	.04	4	220	.33	8	.40	7	9.47	.01	.02	2	10	400
109 108+50E	1	7	2	22	.1	2	1	254	.26	2	2	ND	2	11	1	3	2	14	1.21	.05	2	8	.05	8	.04	9	.21	.01	.02	2	5	210
109 109E	1	6	1	10	.1	4	1	50	.65	2	2	ND	2	11	1	3	2	52	.23	.04	2	29	.07	6	.07	6	.49	.01	.03	2	5	120
109 109+50E	1	4	5	5	.1	1	1	29	.38	5	2	ND	2	7	1	2	3	39	.21	.01	2	25	.02	6	.19	9	.24	.01	.01	2	15	70
109 110E	4	43	8	12	.2	12	4	101	11.52	8	4	ND	2	9	1	2	2	382	.30	.07	4	100	.23	4	.54	7	2.73	.01	.04	2	10	80
111 100E	3	73	9	59	.2	37	18	772	5.84	11	2	ND	2	12	1	2	2	192	.39	.05	6	143	.29	12	.31	10	8.16	.01	.03	2	5	220
111 100+50E	1	76	9	26	.1	19	7	171	6.87	16	5	ND	2	10	1	2	2	229	.36	.02	5	95	.35	9	.56	7	5.33	.01	.01	2	5	230
111 101+50E	2	86	8	25	.1	16	6	175	6.00	15	2	ND	2	10	1	2	2	148	.31	.03	5	96	.33	9	.44	8	7.48	.01	.01	2	10	280
111 102E	2	36	10	15	.1	11	4	142	10.61	17	6	ND	2	11	1	2	2	415	.35	.03	3	82	.14	7	.65	7	2.56	.01	.03	2	5	70
111 102+50E	1	35	6	15	.1	17	6	154	6.51	17	2	ND	2	12	1	2	2	244	.46	.01	3	54	.42	7	.57	8	1.96	.01	.01	2	5	60
111 103E	3	57	8	40	.1	21	13	297	9.55	13	5	ND	2	12	1	2	2	262	.31	.03	4	85	.57	13	.59	8	3.90	.01	.02	2	5	200
111 104E	2	15	7	8	.1	9	2	65	7.55	12	3	ND	2	7	1	2	2	313	.18	.02	3	58	.14	5	.42	7	1.46	.01	.01	2	5	100
111 104+50E	6	32	12	8	.8	15	4	117	14.77	15	6	ND	2	6	1	2	2	353	.16	.02	5	107	.24	8	.51	5	2.84	.01	.02	2	5	250
111 105E	9	49	13	24	.6	11	5	102	11.22	11	6	ND	2	7	1	2	2	345	.11	.02	4	89	.10	5	.53	7	2.57	.01	.01	2	55	160
111 106E	2	29	9	12	.2	10	4	87	8.26	20	8	ND	2	11	1	2	2	331	.24	.02	3	66	.19	7	.59	7	1.72	.01	.02	2	40	120
111 106+50E	1	14	10	8	.1	8	2	70	6.84	15	4	ND	2	7	1	2	2	360	.19	.01	3	47	.07	5	.66	7	.99	.01	.01	2	10	70
111 107E	3	30	9	16	.9	13	3	101	12.42	14	5	ND	2	6	1	2	2	351	.18	.02	4	138	.18	5	.64	6	3.14	.01	.01	2	10	130
STD A-1/AU 0.5	1	30	39	179	.3	35	12	1002	2.82	10	2	ND	2	33	1	2	2	57	.58	.10	9	73	.75	275	.09	8	2.08	.02	.19	2	510	50

APPENDIX B

VLF - EM RESULTS

VLF-EM RESULTS

STATION HAWAII 23.4 kHz, readings taken facing east.

	LINE:	102+00	103+00		103+50		104+00	
STATION		DIP	QUAD	DIP	QUAD	DIP	QUAD	DIP	QUAD
100+00 E		-	-	-	-	-	-	-	-
100+50 E		-	-	-	-	-	-	-	-
101+00 E		+12	+ 9	-	-	-	-	-	-
101+50 E		+12	+ 6	+12	+ 6	-	-	+15	+ 8
102+00 E		+14	+ 6	+15	+ 9	-	-	+12	+10
102+50 E		+14	+ 3	+15	+ 8	-	-	+12	+ 9
103+00 E		+11	+ 3	+15	+ 6	+15	+ 8	+ 9	+ 8
103+50 E		+12	+ 1	+10	+ 7	+14	+ 8	+10	+ 5
104+00 E		+ 6	+ 4	+10	+ 6	+14	+11	+ 8	+ 9
104+25 E		-	-	-	-	+10	+ 8	-	-
104+50 E		+ 4	+ 2	+15	+12	+ 9	+ 7	+ 4	+ 8
104+75 E		-	-	-	-	+ 6	+ 8	-	-
105+00 E		+ 1	- 1	+12	+10	+ 4	+ 6	+ 5	+ 5
105+25 E		-	-	+10	+ 6	+ 4	+ 7	-	-
105+50 E		- 3	0	+10	+ 4	+ 1	0	+ 2	- 1
105+75 E		-	-	+ 5	+ 2	- 2	- 1	- 2	- 2
106+00 E		- 7	+ 4	+ 3	+ 3	- 3	- 2	- 6	- 4
106+25 E		-	-	0	+ 1	- 1	- 1	- 5	- 7
106+50 E		- 9	+ 2	- 6	- 2	- 2	- 1	+10	- 7
106+75 E		+ 6	+ 4	-10	0	- 3	- 1	+ 4	- 2
107+00 E		+12	+ 4	-10	+ 1	- 5	- 2	+10	- 2
107+25 E		+15	+11	-15	- 2	- 8	- 5	+ 5	- 3
107+50 E		+ 9	+ 5	-19	- 2	-15	- 5	- 3	- 3
107+75 E		+21	+ 4	-20	- 4	-24	- 8	-14	- 6
108+00 E		+22	+ 2	-18	- 3	-23	- 4	-24	- 7
108+25 E		+15	+ 5	-25	- 7	-25	- 7	-25	- 3
108+50 E		+14	+ 5	-40	- 7	-23	- 7	-26	- 2
108+75 E		+ 9	- 4	-40	-11	-24	- 4	-30	- 5
109+00 E		- 1	- 5	-35	-21	-36	-10	-35	- 8
109+25 E		+ 1	- 1	-11	- 2	-42	-11	-40	-10
109+50 E		-	-	0	- 4	-44	-10	-33	- 3
109+75 E		-	-	-	-	-	-	-30	- 7
110+00 E		-	-	-	-	-	-	-	-
110+50 E		-	-	-	-	-	-	-	-
111+00 E		-	-	-	-	-	-	-	-
111+50 E		-	-	-	-	-	-	-	-
112+00 E		-	-	-	-	-	-	-	-
112+50 E		-	-	-	-	-	-	-	-
113+50 E		-	-	-	-	-	-	-	-

VLF-EM RESULTS

STATION HAWAII 23.4 kHz, readings taken facing east.

	LINE:	104+50	105+00		105+50		106+00	
STATION		DIP	QUAD	DIP	QUAD	DIP	QUAD	DIP	QUAD
100+00 E		-	-	-	-	-	-	-	-
100+50 E		-	-	-	-	-	-	-	-
101+00 E		-	-	+20	+20	-	-	+20	+ 8
101+50 E		-	-	+18	+10	-	-	+22	+18
102+00 E		-	-	+25	+ 9	-	-	+12	+ 8
102+50 E		-	-	+24	+10	-	-	+15	+15
103+00 E		+ 9	0	+18	+10	-	-	+20	+ 8
103+50 E		+ 4	+ 7	+15	+ 6	-	-	+19	+ 8
104+00 E		+19	+11	+15	+ 9	-	-	+18	+ 6
104+25 E		-	-	-	-	-	-	-	-
104+50 E		+16	+11	+14	+15	+14	+10	+13	+ 6
104+75 E		-	-	-	-	-	-	-	-
105+00 E		+ 8	+ 5	+12	+12	+15	+ 8	+13	+ 3
105+25 E		-	-	-	-	-	-	-	-
105+50 E		+ 5	+ 1	+ 2	+ 8	+10	+ 8	+11	+ 2
105+75 E		+ 6	0	-	-	-	-	-	-
106+00 E		0	0	+ 7	+ 1	+14	+ 2	+12	0
106+25 E		+ 2	- 5	-	-	-	-	-	-
106+50 E		+ 2	- 3	+12	- 3	+ 17	0	+21	+ 3
106+75 E		+ 8	+ 2	-	-	-	-	-	-
107+00 E		+11	+ 2	+15	+ 2	+22	+ 2	+23	+ 5
107+25 E		+17	+ 2	+12	+ 6	+32	+ 8	-	-
107+50 E		0	0	0	- 4	- 3	- 2	+39	+ 8
107+75 E		- 2	0	-	-	- 6	- 5	-	-
108+00 E		-12	+ 1	-12	+ 2	-16	- 1	+ 2	+ 2
108+25 E		-	-	-12	+ 2	-	-	- 4	+ 1
108+50 E		-19	0	-19	0	-17	0	-18	- 2
108+75 E		-	-	-18	+ 8	-20	0	-16	- 2
109+00 E		-26	- 4	-24	-12	-	-	-22	- 6
109+25 E		-	-	-	-	-	-	-	-
109+50 E		-29	- 6	-30	- 3	-	-	-26	- 8
109+75 E		-	-	-	-	-	-	-	-
110+50 E		-	-	-34	- 2	-	-	-26	- 6
110+50 E		-	-	-35	- 2	-	-	-15	- 8
111+00 E		-	-	-43	- 6	-	-	-15	- 2
111+50 E		-	-	-	-	-	-	-	-
112+00 E		-	-	-	-	-	-	-	-
112+50 E		-	-	-	-	-	-	-	-
113+00 E		-	-	-	-	-	-	-	-

VLF-EM RESULTS

STATION HAWAII 23.4 kHz, readings taken facing east.

	LINE:	106+16	107+00		107+50		108+00	
STATION		DIP	QUAD	DIP	QUAD	DIP	QUAD	DIP	QUAD
100+00 E		-	-	-	-	-	-	-	-
100+50 E		-	-	-	-	-	-	-	-
101+00 E		-	-	+14	+ 8	-	-	-	-
101+50 E		-	-	+12	+ 8	-	-	+11	+12
102+00 E		-	-	+15	+10	-	-	+11	+13
102+50 E		-	-	+15	+18	-	-	+12	+10
103+00 E		-	-	+13	+ 4	-	-	+10	+ 8
103+50 E		-	-	+18	+12	-	-	+18	+ 8
104+00 E		-	-	+10	+ 5	-	-	+ 8	+ 4
104+25 E		-	-	-	-	-	-	-	-
104+50 E		-	-	+10	+ 1	-	-	+16	+ 6
104+75 E		-	-	-	-	-	-	-	-
105+00 E		-	-	+15	0	-	-	+ 8	0
105+25 E		-	-	-	-	-	-	-	-
105+50 E		-	-	+ 9	+ 2	-	-	+12	+ 8
105+75 E		-	-	-	-	-	-	-	-
106+00 E		-	-	+14	+ 2	-	-	+24	+ 8
106+25 E		-	-	-	-	-	-	-	-
106+50 E		-	-	+17	+ 2	-	-	+20	+ 3
106+75 E		-	-	-	-	-	-	-	-
107+00 E		-	-	+19	+ 2	+19	+ 5	+18	+ 6
107+25 E		-	-	+20	+ 7	+19	+ 4	-	-
107+50 E		-	-	+18	+ 6	+30	+ 6	+17	+ 8
107+75 E		-	-	+12	+ 4	+15	0	-	-
108+00 E		-	-	+13	+ 6	+10	+ 4	+ 8	+ 7
108+25 E		- 7	+ 1	+ 2	- 1	+ 8	+ 6	-	-
108+50 E		-24	- 2	- 4	+ 1	+ 4	+ 4	0	0
108+75 E		-14	- 2	- 6	+5	+5	+ 4	-	-
109+00 E		-15	- 5	-12	+ 2	0	+ 4	- 2	+ 3
109+25 E		-24	-14	-13	- 2	+ 1	+ 4	-	-
109+50 E		-19	- 3	-23	- 2	- 7	+ 5	+ 2	+ 3
109+75 E		-	-	-	-	- 3	0	-	-
110+50 E		-20	- 5	-22	- 7	- 9	- 2	-11	- 3
110+50 E		-18	- 4	-19	- 1	-20	-12	-21	- 8
111-00 E		-	-	-21	- 6	-24	-11	-22	-13
111+50 E		-	-	-26	+ 1	-	-	-26	-11
112+00 E		-	-	-35	- 6	-	-	-23	- 6
112+50 E		-	-	-68	-10	-	-	-29	- 9
113+00 E		-	-	-72	-10	-	-	-35	-10

VLF-EM RESULTS

STATION HAWAII 23.4 kHz, readings taken facing east.

	LINE: 109+00		110+00		111+00	
STATION	DIP	QUAD	DIP	QUAD	DIP	QUAD
100+00 E	-	-	-	-	+10	+ 6
100+50 E	-	-	-	-	+ 2	+ 5
101+00 E	-	-	+ 2	+ 8	-25	- 2
101+50 E	-	-	- 3	+16	-15	- 5
102+00 E	+12	+11	+ 5	+16	+ 2	+ 7
102+50 E	+12	+10	+ 5	+20	+ 5	+12
103+00 E	+12	+10	+12	+18	+12	+17
103+50 E	+10	+11	+ 5	+10	+14	+13
104+00 E	+12	+11	+10	+ 8	+15	+13
104+25 E	-	-	-	-	-	-
104+50 E	+13	+12	+13	+12	+20	+16
104+75 E	-	-	-	-	-	-
105+00 E	+ 8	+ 4	+11	+14	+18	+15
105+25 E	-	-	-	-	-	-
105+50 E	+15	+ 6	+18	+19	+12	+13
105+75 E	-	-	-	-	-	-
106+00 E	+20	+10	+22	+20	+15	+19
106+25 E	-	-	-	-	-	-
106+50 E	+20	+10	+18	+18	+19	+29
106+00 E	-	-	-	-	-	-
107+00 E	+20	+ 8	+20	+15	+40	+25
107+25 E	-	-	-	-	-	-
107+50 E	+10	+ 2	+17	+15	+25	+24
107+75 E	-	-	-	-	-	-
108+00 E	+ 8	+ 6	+11	+ 8	+20	+18
108+25 E	0	+ 2	-	-	-	-
108+50 E	+ 5	+ 4	+ 8	+ 8	+15	+ 9
108+75 E	-	-	-	-	-	-
109+00 E	+ 3	+ 6	+ 7	+12	+10	+10
109+25 E	-	-	-	-	-	-
109+50 E	-10	- 5	+ 2	0	+ 4	-12
109+75 E	-	-	-	-	-	-
110+00 E	-15	- 5	-14	- 8	+ 4	+ 5
110+50 E	-	-	-16	-10	- 2	- 5
111+00 E	-	-	-12	-10	- 7	- 5
111+50 E	-	-	-16	- 9	-15	- 9
112+00 E	-	-	-15	-14	-	-
112+50 E	-	-	-22	-17	-	-
113+00 E	-	-	-	-	-	-

LEGEND

- Geochemical sampling sites
- VLF stations
- 3 Mo in ppm

Contours at 2, 5, 10, 25 and 50 ppm

N

LCP

BASE LINE

BASE LINE

Kilpola River

Kamutsen River

To Port McNeil

To Port McNeil

LAKE NIMPKISH

GEOLOGICAL BRANCH
ASSESSMENT REPORT

11,543

SCALE: 1:5000

FALCONBRIDGE LIMITED

PROPERTY: NIMPKISH	PROJECT No.: 086
LOCATION: VANCOUVER ISLAND	
TYPE OF MAP: GEOCHEMICAL SOIL SURVEY MOLYBDENUM	
WORKING PLACE:	
BASED ON:	
DATE OF WORK: August 1983	MAP REF. NO.:
DRAWN BY: S.V.	FIG. NO.: 4
DATE: SEPT. 83	N.T.S. NO.:

LEGEND

- Geochemical sampling sites
- VLF stations
- 33 in ppm

Contours at 25,50,100,250 and 500 ppm

N

LCP

Karmutsen River

Kiddle River

BASE LINE

BASE LINE

To Port McNeil

To Port McNeil

LAKE NIMPKISH

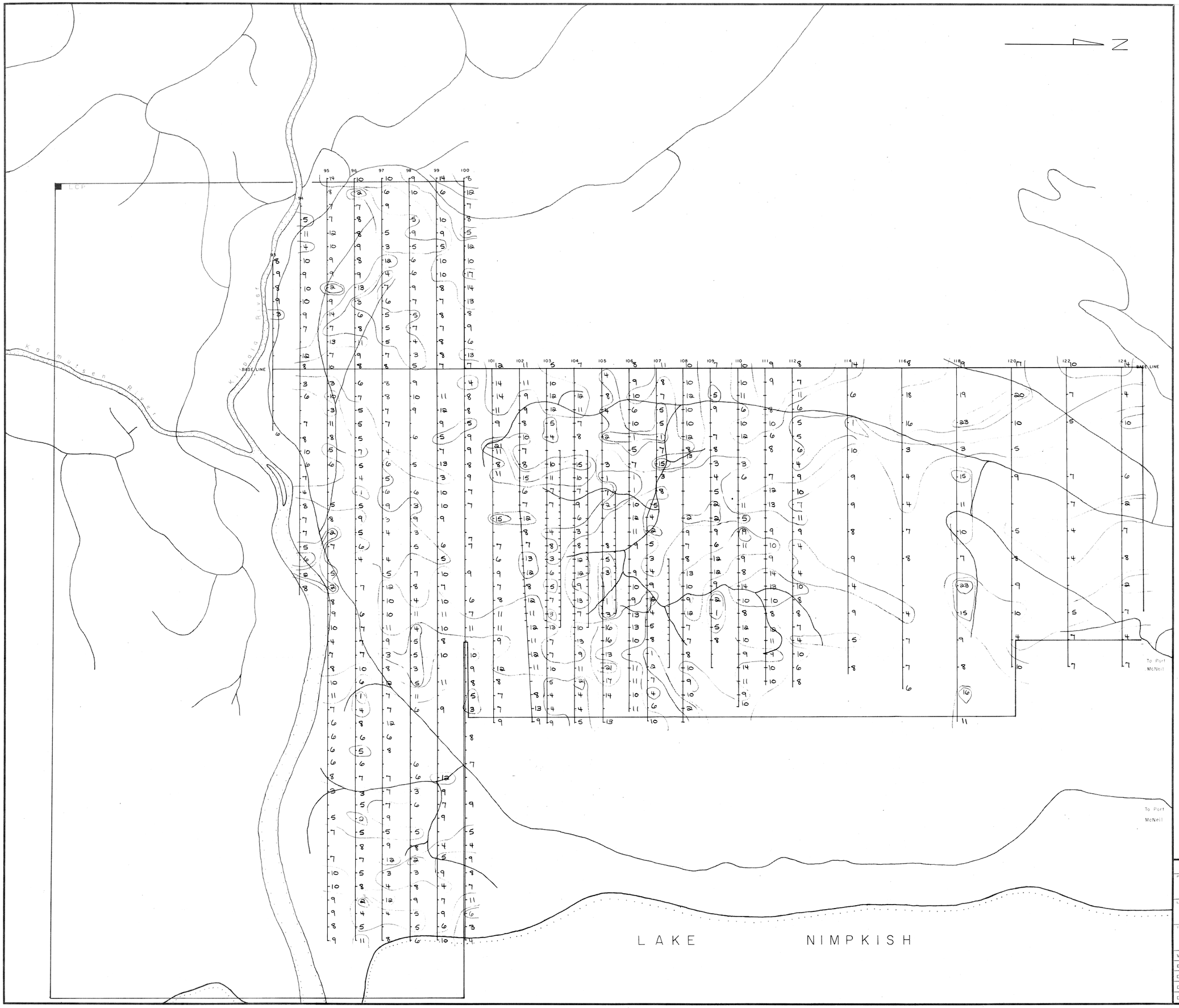
GEOLOGICAL BRANCH
ASSESSMENT REPORT

11,543

SCALE: 1:5000

FALCONBRIDGE LIMITED

PROPERTY: NIMPKISH	PROJECT No.: 086
LOCATION: VANCOUVER ISLAND	
TYPE OF MAP: GEOCHEMICAL SOIL SURVEY COPPER	
WORKING PLACE:	
BASED ON:	
DATE OF WORK: August 1983	MAP REF. NO.:
DRAWN BY: S.V.	
DATE: SEPT. 83	N.T.S. NO.:
	FIG. NO.: 5



LEGEND

- Geochemical sampling sites
- VLF stations
- 9 Pb in ppm

Contours at 2, 5, 10, 15 and 20 ppm

GEOLOGICAL BRANCH
ASSESSMENT REPORT

11,543

SCALE: 1:5000

FALCONBRIDGE LIMITED

PROPERTY: NIMPKISH	PROJECT NO.: 086
LOCATION: VANCOUVER ISLAND	
TYPE OF MAP: GEOCHEMICAL SOIL SURVEY LEAD	
WORKING PLACE:	
BASED ON:	
DATE OF WORK: August 1983	MAP REF. NO.:
DRAWN BY: S.V.	FIG. NO.: 6
DATE: SEPT. 83	N.T.S. NO.:

LEGEND

- Geochemical sampling sites
- VLF stations
- 22 Zn in ppm
- Contours at 40 and 100 ppm

N

LCP

Kimpala River

Karmutsen River

BASE LINE

To Port McNeil

To Port McNeil

LAKE NIMPKISH

GEOLOGICAL BRANCH
ASSESSMENT REPORT

11,543

SCALE: 1:5000

FALCONBRIDGE LIMITED

PROPERTY: NIMPKISH	PROJECT No.: 086
LOCATION: VANCOUVER ISLAND	
TYPE OF MAP: GEOCHEMICAL SOIL SURVEY ZINC	
WORKING PLACE:	
BASED ON:	
DATE OF WORK: August 1983	MAP REF. NO.:
DRAWN BY: S.V.	FIG. NO.: 7
DATE: SEPT. 83	N.T.S. NO.:

LEGEND

- Geochemical sampling sites
- VLF stations
- .6 Ag in ppm

Contours at .2, .4, .6, .8 and 1.0 ppm

N

LCP

BASE LINE

BASE LINE

Kimpolo River

Karmutsen River

To Port McNeil

To Port McNeil

LAKE NIMPKISH

GEOLOGICAL BRANCH
ASSESSMENT REPORT

11,543

SCALE: 1:5000

FALCONBRIDGE LIMITED

PROPERTY: NIMPKISH	PROJECT No.: 086
LOCATION: VANCOUVER ISLAND	
TYPE OF MAP: GEOCHEMICAL SOIL SURVEY SILVER	
WORKING PLACE:	
BASED ON:	
DATE OF WORK: August 1983	MAP REF. NO.:
DRAWN BY: S.V.	
DATE: SEPT. 83	N.T.S. NO.:

FIG. NO.: 8

LEGEND

- Geochemical sampling sites
- VLF stations
- 14 As in ppm
  Contours at 5, 10, 15, 25 and 30 ppm

N

LCP

Karmutsen River

Gold River

BASE LINE

To Port McNeil

To Port McNeil

LAKE NIMPKISH

GEOLOGICAL BRANCH
ASSESSMENT REPORT

11,543

SCALE: 1:5000

FALCONBRIDGE LIMITED

PROPERTY: NIMPKISH	PROJECT No.: 086
LOCATION: VANCOUVER ISLAND	
TYPE OF MAP: GEOCHEMICAL SOIL SURVEY ARSENIC	
WORKING PLACE:	
BASED ON:	
DATE OF WORK: August 1983	MAP REF. NO.:
DRAWN BY: S.V.	N.T.S. NO.:
DATE: SEPT. 83	FIG. NO.: 9

LEGEND

- Geochemical sampling sites
- VLF stations
- 15 Au in ppb

Contours at 10, 50, 100, 150, and 200 ppb

N

LCF

BASE LINE

BASE LINE

Kirpatrick River

Karmutsen River

To Port McNeil

To Port McNeil

LAKE NIMPKISH

GEOLOGICAL BRANCH
ASSESSMENT REPORT

11,543

SCALE: 1:5000

FALCONBRIDGE LIMITED

PROPERTY: NIMPKISH	PROJECT No.: 086
LOCATION: VANCOUVER ISLAND	
TYPE OF MAP: GEOCHEMICAL SOIL SURVEY GOLD	
WORKING PLACE:	
BASED ON:	
DATE OF WORK: August 1983	MAP REF. NO.:
DRAWN BY: S.V.	FIG. NO.: 10
DATE: SEPT. 83	N.T.S. NO.:

LEGEND

- Geochemical sampling sites
- VLF stations
- 40 Hg in ppb

Contours 75, 150, 300, 500 and 800

N

LAKE NIMPKISH

Kormuteen River

To Port McNeill

BASE LINE

GEOLOGICAL BRANCH
ASSESSMENT REPORT

11,543

NB. ROADS ARE IN APPROXIMATE LOCATIONS

SCALE: 1:5000

FALCONBRIDGE LIMITED

PROPERTY: NIMPKISH	PROJECT NO.: 086
LOCATION: VANCOUVER ISLAND	
TYPE OF MAP: GEOCHEMICAL SOIL SURVEY MERCURY	
WORKING PLACE:	
BASED ON:	
DATE OF WORK: August 1983	MAP REF. NO.:
DRAWN BY:	
DATE:	N.T.S. NO.: 92-L-6

FIG. NO.: 086-83-11