85-1193-14356

GEOCHEMICAL REPORT ON THE

MB CLAIM GROUP

MB 1, 10, 11, 18, 1-3, JD 2-4, MB FR

12/86

Vancouver Mining Division

N.T.S. 92G/6W, 11W

Lat. 49°30.5' Long. 123°21'

(Owner) R.M. Durfeld
(Operator) J.P. McGoran

By: R.M. Durfeld

March, 1986

TABLE OF CONTENTS

ILLUSTRATIONS

GEOCHEMICAL PLANS (1:5,000)

APPENDICES

A) INTRODUCTION

i) Location, Access and Physiography

The MB mineral claim group is located on the northeast corner of Gambier Island, 30 kilometres northwest of Vancouver in the Vancouver Mining Division. Specifically, on map sheet NTS 92G/6,11 at 123°22' west longitude and 49°31' north latitude. (Figure 1)

Access to the property is best achieved by Water Taxi from Horseshoe Bay to Douglas Bay on Gambier Island, from hence numerous old logging trails up Gambier Creek permit good access for walking and all-terrain vechicles on the property.

The property comprises precipitious slopes that range from sea level at Douglas Bay to summits in the central part of the island that exceed 800 metres. The lower portion of Gambier Creek is filled by varved clay and silt and is relatively flat.

The vegetation is generally characterized as second growth coastal forest of cedar, spruce and fir. Overmature cottonwoods and alders are common in the poorly drained areas of the valley bottoms. Undergrowth consists of variable salal, devils club, alder and moss.

ii) Property Definition

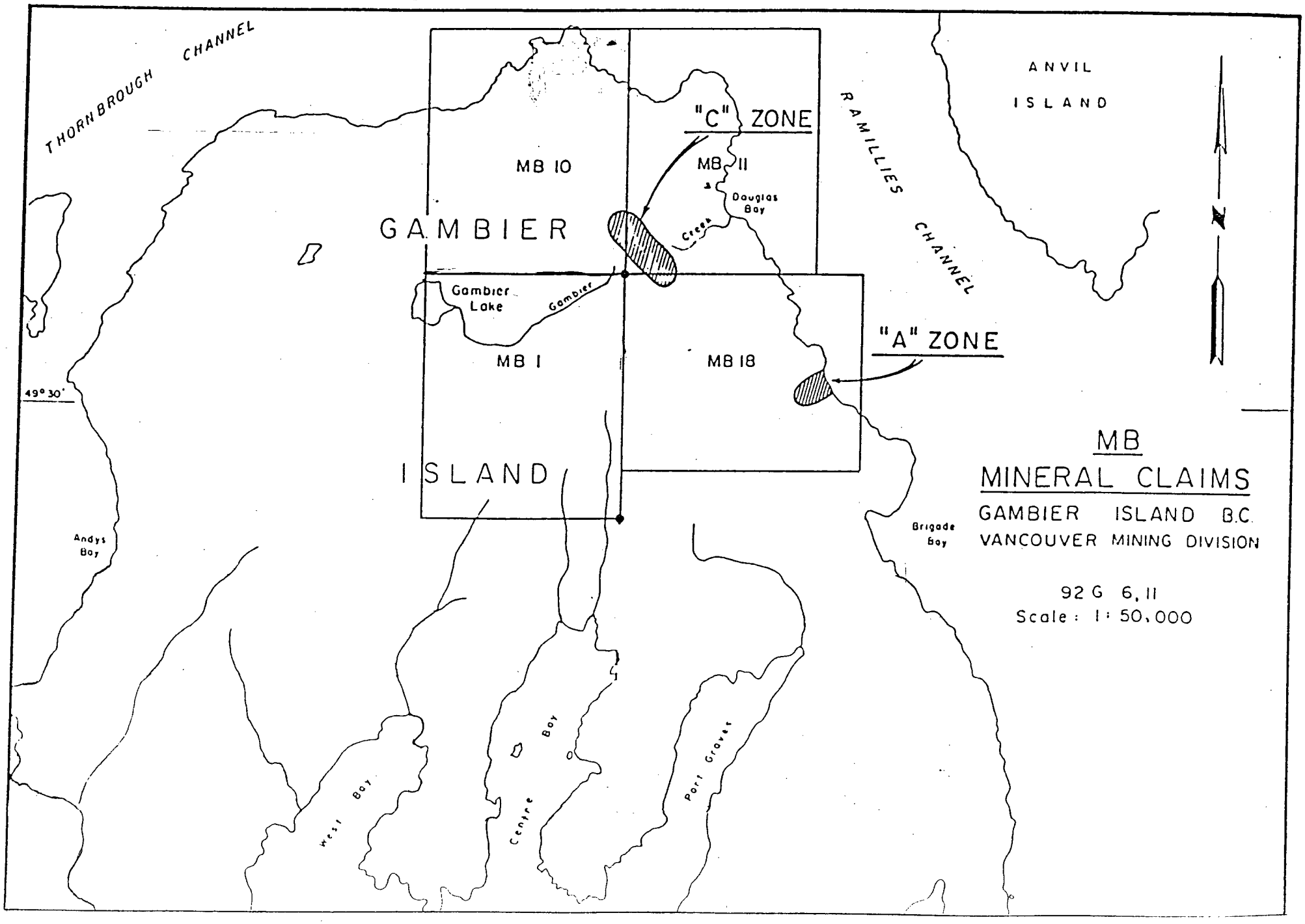
A number of small copper showings have been known in the Douglas Bay and Copper Cove areas in the northeast section of Gambier Island for many years. In 1972 Gaylord Mines staked the northeast section of Gambier Island on the basis of these copper showings and conducted soil sampling, EM 16 and magnetometer surveys. This work defined two anomalies: one centred in the area of Copper Cove which they called the "A" anomaly and one just south of Gambier Creek approximately 1 kilometre inland from Douglas Bay as anomaly "C". Anomaly "A" was tested by a single diamond drill hole that was cored at -45° for 815 feet and the assayed cores were reported to have averaged 0.117% copper over the entire length. Anomaly "C" was not tested.

The property was again staked in February 1978 by 20th Century Energy Corporation. 20th Century conducted extensive exploration comprised of a minor geochemical survey, an induced polarization survey and 5,558 metres of diamond drilling until early 1981. This work defined a 'Porphyry Copper-Molybdenum Deposit' with estimated reserves of :

- 198 million tonnes .24% Cu and .015% MoS_2, with a .20% copper equivalent cutoff.

or

- 56 million tonnes .36% Cu and .021% MoS_2, with a .40% copper equivalent cutoff.


THORNBROUGH CHANNEL
ANVIL ISLAND
"C" ZONE
MB 10
MB 11
Douglas Bay
GAMBIER
Creek
RAMILLIES CHANNEL
Gambier Lake
Gambier
"A" ZONE
MB 1
MB 18
49° 30'
ISLAND
Andys Bay
Brigade Bay
West Bay
Centre Bay
Port Graves
MB
MINERAL CLAIMS
GAMBIER ISLAND B.C.
VANCOUVER MINING DIVISION
92 G 6, 11
Scale: 1: 50,000

On December 4th, 1984 the MB 1 mineral claim lapsed and on March 7th, 1985 the MB 10, 11 and 18 mineral claims lapsed and have all been relocated by Messrs. J.P. McGoran and R.M. Durfeld.

The status of these mineral claims is summarized as follows:

CLAIM NAME	NUMBER OF UNITS	RECORD NUMBER	RECORD DATE
MB 1	20	1749	January 3rd
JD 2	1	1779	March 18th
JD 3	1	1780	March 18th
JD 4	1	1781	March 18th
MB 1	1	1785	March 22nd
MB 2	1	1786	March 22nd
MB 3	1	1787	March 22nd
MB 10	12	1789	March 29th
MB 11	16	1790	March 29th
MB 18	20	1791	March 29th

Claim Ownership - R.M. Durfeld
- J.P. McGoran

The potential for this prospect is still as a 'Porphyry Copper-Molybdenum Deposit'. This deposit type, however is sometimes noted to have accessory gold and silver values developed on the periphery. The geochemical soil sampling survey that is documented in this report is designed to test this potential in conjunction with evaluating the main deposit area.

iii) Summary of Work

During the period December 17th to March 11th geochemical sampling was conducted on the MB claim group. A total of 185 soil, 5 rock and 6 silt samples were collected and sent to Acme Analytical Laboratories Ltd in Vancouver for analysis. In conjunction with this sampling prospecting was conducted. One day was also spent cleaning up the old camp site and straightening the core that had been spilt from the core racks.

B) GEOLOGY

Regionally the north end of Gambier Island is mapped by the Geological Survey of Canada as being underlain by the Lower Cretaceous Gambier Group which in the area of the claim group is recognized as a northwesterly trending series of argillites, volcanic wackes, breccias and massive andesitic rocks. Locally these Gambier rocks are bounded by equigranular diorites that are similiar to rocks of the Coast Range Batholith that outcrop on the south end of Gambier Island.

In the area of anomaly C the Gambier Group rocks are cut by a heterogeneous assemblage of quartz porphyry, breccia and sub-porphyritic granitic rocks. The zones of hydrothermal alteration and mineralization are concordant with the south and west contacts of this porphyry stock. Sulphide mineralization recognized in this area is as disseminated pyrite, chalcopyrite and molybdenite that are developed on quartz veins and altered matrix. Hornfelsed, pyritic volcanic rocks extend out from this mineralized core and are of interest for their potential to develop additional copper ore and gold mineralization.

Two rock samples were collected from the Anomaly 'A', Copper Cove area. Several rock faces at the beach in this area develop a strong malachite coating that can be seen by passing boaters. Limited prospecting showed this area to be underlain by an equigranular quartz diorite that was cut by westerly trending sheeted quartz veins. These veins are generally less than 2 centimetres thick and are developed as quartz veins with selvages of pyrite, magnetite and minor chalcopyrite.

C) GEOCHEMICAL SURVEY

i) Geochemical Sample Collection and Analysis

Soil sample lines were located by rehabilitating old grid lines where possible and reflagging the stations. Where the old grid had not been run, or had deteriorated to the point where it could not be followed, new lines were compassed in and measured with a hip chain. Soil samples were dug with a grub-hoe from the top of the B-horizon and placed in Kraft sample bags with the relevant grid coordinates.

In the sampled area the soils are generally coarse and well drained and as such would be classed as Dystric Brunisols. Organic cover as a rule was less than 20 centimetres thick, except in the valley bottom areas of poor drainage where accumulations of 60 centimetres were encountered.

All the soil, silt and rock samples were shipped to Acme Analytical Laboratories Ltd in Vancouver where they were analyzed for 30 elements by Inductively Coupled Argon Plasma and gold by Atomic Absorption.

ii) Results

The results of the geochemical analyses are documented as Appendix I of this report. The copper, molybdenum, silver, gold, zinc and arsenic values are plotted on Figures 2 thru 4 that are attached to this report.

To better define the anomalous values for these elements the data was statistically analyzed. Acme Analytical Laboratories calculated the means and standard deviations and generated histograms for each element on their computer. The mean and standard deviation values were used to generate the threshold and anomalous values for each element. The mean was assigned as the threshold value and the mean plus one standard deviation was taken to be anomalous. The anomalous value for copper was adjusted down to better fit the data. The mean, standard deviation, threshold and anomalous values are listed below and the threshold and anomalous values are highlighted on figures 2 thru 4.

ELEMENT	MEAN	STANDARD DEVIATION	THRESHOLD	ANOMALOUS
Copper	154	316	150	300
Molybdenum	12	30	12	42
Silver	.2	.3	.5	.8
Gold	4	9	4	13
Zinc	93	76	90	170
Arsenic	7	20	7	27

The elements with potential of economic significance on the MB claim group are molybdenum, copper, silver and gold. Anomalous areas will therefore be defined by anomalous values of these elements and the zinc and arsenic values will be discussed as pathfinder elements in reference to these anomalies.

Area A

Area A is defined as the Copper Cove Area where two rock samples were collected of quartz veined diorite and returned elevated copper and gold values. Additional soil and rock chip sampling would better define the potential of this area.

Area C

Area C is bounded within coordinates 6+00 to 10+80W and 0+40N to 5+70S. This was also the area referred to as area C in 20th Century's work. It is readily evident that soil sampling in this area would not have missed the mineralization that is developed here under shallow overburden. This anomalous area is characterized by strong coincident copper and molybdenum values with sections of elevated gold and silver values. On line 6+00W samples 0+60S and 1+50S develop anomalous copper and threshold molybdenum values, but otherwise the values on this line are low. From field examination and drill records in this area it is evident that from 3+50N to 4+00S this areas is covered by extensive overburden. The creek banks of Gambier Creek on line 6+00W are up to 20 metres thick of warved clays. This overburden feature continues up Gambier Creek to line 8+40W but rapidly narrows on the south side. The isolated anomalous values on line 6+00W suggest the potential for additional mineralization in this area that would have no geochemical expression.

Area B

Area B is on the north side of Gambier Creek on line 10+80W from 2+70N to 3+90N. Although this area is underlain by significant copper mineralization the soil anomaly here is characterized by threshold copper and anomalous zinc values. This would suggest that even threshold values may represent significant underlying copper mineralization. Soil sample 8+40W 3+00N returned strongly anomalous zinc and the highest arsenic value and because of the anomalous zinc and threshold arsenic values on line 10+80W it may be an extension of the anomaly developed as Area B.

Sporadic anomalous gold values were developed in the survey area but none were strong enough to suggest a strongly mineralized source. However, the sample density with lines 240 metres apart was not nearly close enough to test this area for a gold mineralized source. This survey has tested a limited area of the MB claim group and there is still a lot of ground that warrants detailed soil sampling and prospecting for an extension of the known copper mineralization and as gold vein deposits that are sometimes found on the periphery of a 'Porphyry Copper Deposit'.

D) CONCLUSIONS

This report documents soil, silt and rock chip sampling and prospecting that were conducted on the MB mineral claim group that was designed as a geochemical orientation survey for gold that had never previously been conducted in this area. In conjunction with this gold sampling the samples were analyzed for copper and molybdenum to evaluate the response in areas of known copper and molybdenum mineralization.

Two rock chip samples were collected in area A in conjunction with limited prospecting and returned elevated copper and gold values from a quartz-sulphide (pyrite, chalcopyrite) veined diorite. This area warrants detail prospecting and soil sampling to evaluate its overall mineral potential.

Three soil lines were sampled over known copper-molybdenum mineralization in area C (20th Century's Anomaly C) to evaluate the geochemical response of known copper-molybdenum mineralization and to evaluate the presence of gold-silver and pathfinder (zinc arsenic) elements. This sampling has suggested the potential for additional copper mineralization in an area that would be masked by clay overburden and suggests that the mineralization in area C is anomalous in gold.

Additional sampling is necessary in area B to evaluate these isolated geochemical responses on grid lines 240 metres apart.

The MB claim group covers the 'Gambier Island Porphyry Copper-Molybdenum Prospect' in the areas of anomalies B and C. Evaluation of this limited geochemical data would suggest additional detailed soil sampling in conjunction with extensive diamond drilling is warranted to better define the boundaries of this deposit.

APPENDIX I

GEOCHEMICAL ANALYSES AND STATISTICAL PLOTS

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
SAMPLE TYPE: SOILS -80 MESH AND ROCKS AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE

DATE RECEIVED: DEC 30 1985 DATE REPORT MAILED: Jan 8/85 ASSAYER: D. Toye. DEAN TOYE. CERTIFIED B.C. ASSAYER.

FLECK RESOURCES FILE # 85-3338 PAGE 1

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
8+40W 3+00N	3	131	62	366	.7	11	16	2739	2.74	115	13	ND	4	13	3	2	2	39	.25	.18	6	15	.10	72	.10	2	5.60	.01	.03	1	3
8+40W 2+70N	1	80	20	76	.1	12	5	286	2.51	2	5	ND	3	10	1	2	2	53	.11	.11	5	16	.34	38	.15	3	5.44	.01	.04	1	4
8+40W 2+40N	1	35	33	63	.1	10	6	483	2.53	2	5	ND	2	10	1	2	2	49	.09	.10	7	16	.21	38	.14	2	3.90	.01	.02	1	3
8+40W 2+10N	2	19	7	67	.1	9	6	514	2.97	3	5	ND	2	10	1	2	3	36	.10	.24	3	12	.23	36	.13	2	4.86	.01	.03	1	2
8+40W 1+80N	1	23	43	56	.1	11	5	384	2.39	6	5	ND	1	22	1	2	2	46	.17	.17	2	13	.19	54	.11	2	2.27	.01	.03	1	55
8+40W 1+50N	1	25	11	71	.1	23	9	639	2.96	2	5	ND	3	25	1	2	3	59	.17	.10	4	23	.51	274	.20	2	4.94	.02	.10	1	4
8+40W 1+20N	1	16	6	58	.1	16	7	369	2.77	2	5	ND	3	18	1	2	2	49	.13	.16	4	17	.27	57	.17	2	4.06	.01	.04	1	1
8+40W 0+90N	1	24	7	56	.1	16	6	317	2.39	2	6	ND	2	24	1	2	2	49	.17	.05	3	17	.32	135	.14	2	3.06	.01	.05	1	1
8+40W 0+60N	17	137	16	58	.3	18	3	268	3.08	4	6	ND	3	12	1	2	2	66	.11	.06	9	16	.12	50	.16	2	2.29	.01	.03	1	1
8+40W 0+30N	2	37	7	48	.1	14	6	331	2.94	2	5	ND	2	13	1	2	2	64	.09	.06	6	19	.21	72	.20	2	3.65	.02	.04	1	1
8+40W BL0	4	35	8	48	.1	14	7	327	2.75	2	5	ND	2	22	1	2	3	51	.14	.05	3	22	.45	115	.18	2	4.05	.01	.04	1	2
8+40W 0+30S	4	56	5	36	.1	10	4	299	2.16	2	5	ND	2	12	1	2	2	43	.09	.08	2	11	.18	32	.12	2	3.54	.01	.02	1	2
8+40W 0+60S	27	174	6	33	.1	6	3	219	3.08	2	5	ND	1	7	1	2	2	67	.07	.07	2	16	.11	23	.15	2	3.33	.01	.01	1	1
8+40W 0+90S	20	435	7	42	.1	9	4	228	2.90	2	7	ND	3	10	1	2	2	59	.10	.07	3	17	.26	24	.15	2	3.58	.01	.02	1	2
8+40W 1+20S	30	398	12	47	.1	7	3	141	2.80	2	5	ND	2	11	1	2	2	69	.10	.03	2	14	.20	24	.16	3	2.30	.01	.02	1	1
8+40W 1+50S	25	106	23	17	.5	2	1	40	.70	2	7	ND	1	7	1	2	5	20	.10	.03	2	3	.04	25	.02	2	.81	.01	.02	1	5
8+40W 1+80S	20	38	9	12	.4	2	1	36	.81	2	5	ND	1	5	1	4	3	25	.08	.02	2	3	.05	8	.05	2	.63	.01	.01	1	14
8+40W 2+10S	32	25	11	13	.2	2	1	35	.82	2	5	ND	1	5	1	2	3	28	.05	.02	2	3	.03	8	.03	2	.64	.01	.02	1	26
8+40W 2+40S	10	27	10	10	.1	2	1	41	.61	2	5	ND	1	6	1	3	2	21	.08	.02	2	4	.04	9	.04	2	.45	.01	.02	1	3
8+40W 2+70S	18	487	61	74	.4	7	6	298	2.64	2	5	ND	2	10	1	2	2	49	.10	.05	2	9	.83	12	.18	2	2.09	.01	.03	1	1
8+40W 3+00S	45	690	120	40	1.2	3	1	63	3.49	2	5	ND	2	5	1	2	5	57	.07	.08	2	8	.12	23	.02	2	2.94	.01	.02	1	15
8+40W 3+30S	34	299	25	38	1.5	4	2	83	3.60	2	6	ND	2	5	1	2	3	57	.07	.08	2	6	.13	22	.02	2	2.04	.01	.03	1	60
8+40W 3+60S	44	331	30	34	.7	3	2	76	2.61	2	5	ND	1	8	1	2	3	53	.11	.04	2	8	.12	22	.02	2	1.61	.01	.03	1	36
8+40W 3+90S	44	420	36	146	.3	6	11	219	4.15	2	5	ND	2	11	1	2	2	78	.14	.05	8	10	.19	50	.14	3	2.70	.01	.03	1	14
8+40W 4+20S	20	507	59	321	.2	10	96	1461	2.90	2	5	ND	2	23	2	2	2	40	.34	.07	6	8	.22	65	.08	3	3.42	.02	.03	1	3
8+40W 4+50S	62	649	32	158	.1	11	9	229	4.27	2	5	ND	3	12	1	2	3	72	.13	.06	3	17	.22	54	.11	2	3.51	.01	.04	1	4
8+40W 4+80S	56	718	28	152	.1	8	10	317	5.75	2	5	ND	2	17	1	2	3	81	.20	.07	7	9	.16	75	.05	3	3.61	.01	.03	1	5
8+40W 5+10S	28	121	27	106	.1	6	11	318	3.19	2	5	ND	1	12	1	2	2	62	.15	.04	2	9	.18	51	.09	2	1.54	.01	.02	1	1
8+40W 5+40S	22	353	34	235	.2	8	91	1250	2.99	2	5	ND	2	13	1	2	2	30	.17	.16	5	7	.10	54	.09	3	5.82	.01	.02	1	1
RE 8+40W 1+20S	30	297	15	45	.1	7	3	135	2.71	2	5	ND	1	10	1	2	2	66	.09	.03	2	12	.19	23	.15	4	2.24	.01	.02	1	1
8+40W 5+70S	27	448	52	114	.1	7	4	153	3.74	2	5	ND	2	8	1	2	2	58	.08	.11	3	11	.13	60	.09	2	4.53	.01	.03	1	1
8+40W 6+00S	11	128	37	101	.1	5	5	230	4.81	2	5	ND	2	9	1	2	2	59	.17	.22	4	6	.21	57	.03	2	3.61	.01	.03	1	1
8+40W 6+30S	7	257	19	100	.1	4	6	215	2.89	2	6	ND	2	10	1	2	2	44	.14	.11	2	5	.26	65	.02	2	2.59	.01	.03	1	1
8+40W 6+60S	3	131	23	116	.1	7	9	333	3.82	2	5	ND	1	13	1	2	4	56	.16	.08	2	8	.24	87	.06	2	2.53	.01	.03	1	2
8+40W 6+90S	4	80	23	128	.1	8	13	481	4.06	8	5	ND	2	20	1	2	2	60	.23	.06	2	7	.39	91	.06	2	2.52	.01	.03	1	1
8+40W 7+20S	6	80	21	69	.1	8	12	269	3.65	3	5	ND	1	14	1	2	2	53	.16	.05	2	8	.28	80	.04	2	2.20	.01	.03	1	1
8+40W 7+50S	2	218	26	103	.1	8	7	257	4.41	2	5	ND	2	10	1	2	2	63	.10	.15	2	12	.21	53	.10	3	3.94	.01	.03	1	1
STD C/AU-0.5	21	59	39	137	7.0	73	27	1173	3.95	35	17	7	34	46	18	15	21	59	.48	.15	38	61	.88	175	.07	39	1.72	.06	.11	13	490

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
108W 480N	3	123	10	46	.2	10	4	228	2.77	6	7	ND	5	6	1	2	2	48	.05	.22	2	14	.19	22	.11	4	6.75	.01	.02	1	34
108W 450N	2	101	13	93	.1	12	18	675	3.49	7	5	ND	3	13	1	2	3	50	.10	.17	2	11	.20	52	.12	5	4.09	.02	.06	1	3
108W 420N	5	135	22	113	.1	24	14	399	4.15	16	5	ND	3	12	1	2	2	61	.11	.10	2	20	.34	49	.14	3	4.33	.02	.04	1	7
108W 390N	7	283	17	185	.2	40	82	1270	4.09	11	8	ND	3	15	2	2	5	59	.12	.10	9	18	.29	50	.18	2	4.61	.01	.04	1	8
108W 360N	5	174	13	112	.3	48	12	476	3.23	2	6	ND	4	18	1	2	3	63	.12	.05	7	23	.50	238	.23	3	6.32	.01	.06	1	5
108W 230N	3	24	14	95	.1	22	7	453	3.53	5	5	ND	2	12	1	2	2	67	.10	.09	2	15	.25	49	.20	4	3.47	.01	.05	1	1
108W 120N	2	90	20	73	.1	18	52	813	1.54	2	5	ND	1	22	1	2	3	38	.15	.05	8	6	.13	60	.08	2	1.23	.02	.02	1	1
108W 100N	13	260	18	50	.2	18	8	356	2.54	2	6	ND	3	15	1	2	3	57	.10	.07	4	15	.35	112	.17	3	4.55	.01	.05	1	2
108W 80N	1	36	9	53	.1	19	8	691	2.87	2	5	ND	2	20	1	2	2	58	.12	.03	6	18	.42	210	.17	4	3.48	.01	.07	1	1
108W 60N	1	28	7	54	.1	16	6	391	2.23	2	5	ND	2	11	1	2	4	48	.07	.08	3	13	.19	48	.14	2	4.27	.01	.04	1	1
108W 40N	3	326	10	74	.2	32	24	627	2.51	2	7	ND	3	17	1	2	3	53	.10	.09	7	16	.38	105	.17	3	4.95	.02	.07	1	1
108W 20N	4	117	22	142	.1	22	10	742	2.77	6	5	ND	2	35	1	2	2	46	.42	.07	2	15	.68	135	.10	4	2.82	.04	.07	1	4
108W BL	12	1320	2	56	.1	12	6	427	2.42	2	5	ND	2	18	1	2	5	48	.14	.25	2	19	.40	85	.13	2	5.88	.02	.06	1	3
108W 90S	42	357	24	31	1.7	5	2	181	3.29	2	5	ND	2	5	1	2	2	70	.04	.06	2	15	.06	23	.12	3	3.09	.01	.02	1	1
108W 120S	8	197	12	27	.1	5	2	114	2.52	2	5	ND	1	9	1	2	2	56	.08	.04	2	11	.14	17	.11	2	2.22	.01	.01	1	1
108W 150S	27	568	26	36	.8	6	2	115	2.73	2	5	ND	2	7	1	2	2	55	.06	.06	2	10	.13	30	.05	3	2.82	.01	.02	1	3
108W 180S	19	756	14	50	.3	7	3	115	2.63	2	5	ND	2	7	1	2	3	47	.06	.04	2	9	.12	67	.03	2	2.87	.01	.02	1	4
108W 210S	38	1806	10	80	.1	11	4	162	3.11	2	5	ND	1	17	1	2	7	61	.15	.11	2	17	.28	50	.17	2	2.40	.02	.04	1	2
108W 240S	45	1205	14	54	.6	6	4	170	2.89	2	5	ND	1	12	1	2	5	62	.12	.06	2	11	.18	24	.12	3	2.09	.01	.02	1	4
108W 270S	80	472	17	37	.3	5	3	159	2.92	2	5	ND	1	7	1	2	3	46	.14	.07	2	8	.38	42	.03	2	2.10	.01	.08	1	70
108W 270S A	192	1999	27	49	.7	9	6	278	2.97	2	5	ND	1	14	1	3	6	52	.13	.10	3	14	.40	30	.11	3	3.52	.01	.04	1	44
108W 300S	287	943	17	48	.4	7	3	135	4.17	2	5	ND	2	9	1	2	5	72	.08	.09	2	16	.20	31	.15	2	4.44	.01	.03	1	10
108W 330S	70	978	28	70	.2	5	9	207	4.24	2	5	ND	3	5	1	2	2	37	.05	.24	2	11	.12	47	.04	3	7.49	.01	.04	1	8
108W 300N ROCK	103	2234	39	63	1.8	11	10	369	3.62	2	5	ND	2	15	1	2	7	62	.38	.11	2	4	1.77	75	.13	3	2.35	.06	.12	1	42
108W 270N ROCK	141	36	36	21	2.0	1	1	20	.25	2	5	ND	3	2	1	5	2	4	.03	.02	5	2	.03	46	.01	2	.36	.01	.18	5	7
RE 108W 100N	14	264	20	50	.1	17	8	359	2.58	2	5	ND	3	16	1	2	3	58	.11	.07	5	16	.36	114	.18	2	4.60	.01	.05	1	3
108W 360S ROCK	72	803	14	157	.6	14	19	598	7.43	2	5	ND	4	24	1	2	7	89	.45	.13	7	11	2.17	86	.09	4	4.13	.06	.21	1	18
STD C/AU-0.5	21	60	37	139	7.0	74	27	1194	3.96	36	16	8	35	47	18	16	20	60	.48	.15	36	57	.88	177	.07	41	1.72	.06	.11	14	480

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-4 SOILS -80 MESH F5 SILTS -80 MESH & ROCKS AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: MARCH 10 1986 DATE REPORT MAILED: Mar 17/86 ASSAYER. D. Toye. DEAN TOYE. CERTIFIED B.C. ASSAYER.

DURFELD GEOLOGICAL PROJECT -- DOUGLAS BAY FILE # 86-0287

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
36W 13+20N	2	35	21	49	.3	6	6	274	2.91	3	5	ND	3	6	1	5	2	63	.08	.13	2	16	.13	23	.12	2	4.31	.01	.02	1	4
36W 12+90N	1	22	11	46	.1	10	5	177	2.49	3	5	ND	1	15	1	2	2	60	.13	.07	2	12	.26	36	.15	5	2.64	.01	.01	1	1
36W 12+60N	1	18	20	42	.1	6	6	146	4.75	2	5	ND	1	15	1	2	5	124	.12	.17	3	16	.15	41	.25	4	1.25	.01	.02	1	1
36W 12+30N	2	48	24	63	.1	11	10	310	6.52	4	5	ND	3	10	1	3	12	164	.08	.16	5	28	.35	40	.30	6	5.67	.01	.01	1	2
6+00W 13+50N	2	16	25	62	.3	7	7	1935	2.73	3	5	ND	1	22	1	2	2	70	.27	.12	2	16	.16	41	.19	3	1.53	.01	.03	1	2
6+00W 13+20N	2	23	18	125	.1	23	11	1249	2.74	3	5	ND	2	34	1	2	2	62	.27	.07	4	20	.50	102	.20	7	3.07	.02	.05	1	1
6+00W 12+90N	2	19	9	90	.1	24	12	581	3.59	2	5	ND	2	27	1	5	7	90	.20	.04	6	24	.45	99	.27	5	3.41	.02	.05	1	1
6+00W 12+60N	2	28	12	119	.1	24	12	1230	3.32	2	5	ND	1	25	1	3	2	70	.18	.05	6	24	.44	117	.26	5	4.51	.02	.03	1	1
6+00W 12+30N	1	16	14	70	.1	14	9	851	3.10	2	5	ND	1	21	1	2	2	71	.17	.06	2	21	.30	61	.23	2	4.10	.02	.03	1	1
6+00W 12+00N	2	18	9	64	.3	22	10	414	3.11	2	5	ND	3	21	1	4	3	70	.16	.03	2	21	.40	80	.24	3	3.21	.02	.04	1	1
6+00W 11+70N	3	33	19	76	.1	14	8	1324	3.89	5	5	ND	3	15	1	4	2	88	.14	.18	3	21	.27	62	.25	3	4.18	.01	.04	1	1
6+00W 11+40N	3	28	24	142	.1	5	22	8964	3.35	21	5	ND	1	28	1	2	2	69	.32	.13	3	10	.14	61	.21	2	.87	.01	.02	1	1
6+00W 11+10N	2	31	21	78	.1	10	9	596	3.56	4	5	ND	1	18	1	2	2	82	.22	.09	3	19	.35	44	.19	2	3.53	.01	.02	1	1
6+00W 10+80N	5	45	31	129	.1	18	16	744	5.24	244	5	ND	2	19	1	4	2	141	.31	.10	2	22	.22	64	.18	5	5.58	.01	.03	1	1
6+00W 10+50N	3	22	15	120	.1	7	16	886	4.27	5	5	ND	1	28	1	3	7	101	.31	.05	2	15	.20	34	.26	2	1.53	.01	.01	1	1
6+00W 10+20N	5	32	31	123	.1	16	20	1695	5.08	39	5	ND	2	22	1	5	4	143	.33	.08	2	31	.42	76	.24	2	3.93	.01	.04	1	1
6+00W 9+90N	4	40	11	54	.1	22	11	316	2.99	5	5	ND	1	26	1	2	2	84	.28	.05	13	22	.51	81	.19	5	4.38	.02	.03	1	1
6+00W 9+60N	3	28	32	72	.1	18	10	712	2.45	9	5	ND	1	26	1	2	2	64	.29	.07	4	14	.32	84	.14	3	2.71	.01	.03	1	1
6+00W 9+30N	10	24	10	68	.1	21	13	541	3.03	2	5	ND	1	27	1	2	2	85	.26	.03	6	18	.45	64	.20	3	2.70	.01	.04	1	1
6+00W 9+00N	6	23	11	73	.1	18	11	460	2.89	2	5	ND	1	21	1	2	2	69	.19	.05	6	19	.43	47	.18	8	3.25	.01	.02	1	1
6+00W 8+70N	6	20	5	124	.1	16	7	331	2.43	2	5	ND	1	20	1	2	2	60	.16	.03	3	18	.30	76	.16	2	3.14	.01	.02	1	1
6+00W 8+40N	6	17	23	80	.1	7	6	262	3.26	3	5	ND	1	13	1	2	2	70	.11	.18	2	15	.19	43	.20	2	2.72	.01	.03	1	1
6+00W 8+10N	6	41	79	167	.2	9	8	395	3.94	4	5	ND	2	14	1	3	2	86	.14	.06	3	20	.13	42	.19	2	1.62	.01	.03	1	1
6+00W 7+80N	9	75	201	328	.5	9	32	3666	5.24	8	5	ND	3	18	1	2	4	65	.13	.09	3	13	.10	85	.22	2	1.67	.01	.04	1	1
6+00W 7+50N	5	35	19	254	.1	47	11	366	3.86	9	5	ND	2	28	1	2	2	91	.23	.08	6	23	.49	114	.20	3	5.36	.02	.09	1	1
6+00W 7+20N	3	33	20	106	.3	15	9	442	2.60	4	8	ND	2	20	1	3	2	59	.19	.09	5	17	.37	63	.13	7	3.18	.02	.04	1	1
6+00W 6+60N	2	82	298	71	.9	10	4	144	1.49	7	8	ND	1	46	2	2	2	22	.12	.11	4	12	.04	121	.03	2	.95	.01	.03	1	8
6+00W 6+30N	7	28	124	254	.4	17	13	429	5.26	4	5	ND	2	15	1	3	4	91	.13	.11	3	23	.22	65	.26	7	3.94	.01	.04	1	1
6+00W 6+00N	3	11	22	65	.2	8	5	142	3.00	4	5	ND	1	24	1	2	5	97	.17	.03	3	16	.10	54	.23	2	.92	.01	.01	2	1
6+00W 5+70N	7	20	7	61	.1	9	8	331	5.79	50	5	ND	1	11	1	4	12	91	.09	.04	3	19	.11	39	.25	2	2.23	.01	.03	9	1
6+00W 5+40N	3	18	25	60	.2	10	8	184	5.37	6	5	ND	2	20	1	6	8	120	.25	.07	5	23	.15	41	.32	5	2.90	.01	.03	1	1
6+00W 5+10N	2	41	9	55	.1	9	7	334	3.30	7	5	ND	1	16	1	2	2	70	.15	.07	2	17	.19	46	.18	4	2.77	.01	.02	1	1
6+00W 4+80N	2	29	15	72	.1	20	11	480	3.46	4	5	ND	1	21	1	3	2	97	.16	.07	4	20	.26	65	.19	5	4.14	.01	.04	1	1
6+00W 4+50N	2	35	39	67	.1	14	9	547	2.65	5	5	ND	1	20	1	2	2	65	.17	.09	5	18	.32	67	.16	4	3.27	.01	.05	1	1
6+00W 4+20N	2	27	16	67	.2	7	7	300	2.58	2	5	ND	1	13	1	2	2	62	.11	.11	2	12	.15	41	.18	2	2.50	.01	.02	1	10
6+00W 3+90N	2	39	51	70	.1	7	7	1217	2.65	6	5	ND	1	13	1	2	2	55	.12	.19	4	13	.12	47	.13	2	3.50	.01	.03	1	2
STD C/AU-0.5	20	61	41	135	7.0	75	29	1201	4.00	39	16	8	35	50	19	15	23	64	.48	.15	39	62	.88	187	.08	40	1.71	.06	.11	13	495

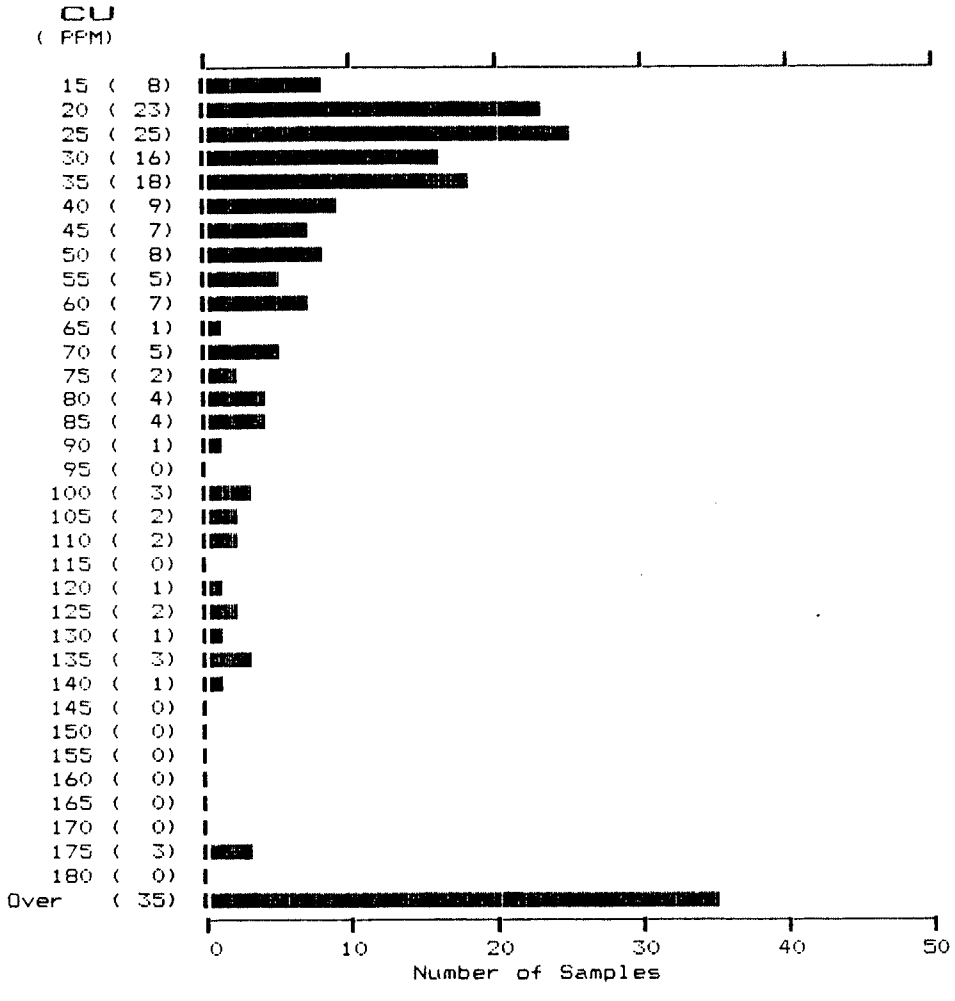
SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
6+00W 3+60N	3	79	33	165	.1	30	24	996	3.55	18	5	ND	1	26	1	2	2	70	.20	.11	10	29	.56	179	.18	2	5.53	.01	.10	1	2
6+00W 3+00N	2	19	12	49	.1	16	6	177	3.38	5	5	ND	1	21	1	2	2	68	.17	.07	4	21	.22	55	.20	4	2.12	.01	.03	2	1
6+00W 2+70N	1	42	5	31	.2	7	5	122	2.27	3	5	ND	1	19	1	2	2	71	.15	.02	3	25	.05	41	.14	5	.43	.01	.02	2	1
6+00W 2+40N	2	15	19	74	.1	7	6	663	1.64	4	5	ND	1	34	1	2	2	49	.19	.15	3	15	.24	92	.16	6	1.71	.01	.06	1	1
6+00W 2+10N	2	17	6	56	.1	9	7	279	3.50	2	5	ND	1	15	1	4	2	64	.13	.11	5	23	.22	39	.18	8	4.86	.01	.02	1	2
6+00W 1+80N	2	18	19	72	.3	15	8	502	3.56	6	5	ND	2	18	1	6	2	60	.15	.14	10	22	.31	56	.15	2	5.50	.01	.04	1	2
6+00W 1+50N	1	26	18	70	.2	15	18	2224	5.31	5	5	ND	2	29	1	2	2	111	.20	.15	10	25	.40	80	.26	3	2.84	.01	.06	1	1
6+00W 1+20N	1	14	5	44	.1	8	6	239	3.69	5	5	ND	1	16	1	2	2	81	.11	.10	4	22	.11	38	.22	3	2.20	.01	.03	3	1
6+00W 0+90N	1	28	2	59	.1	22	12	386	3.29	5	5	ND	2	32	1	2	2	69	.24	.05	6	26	.50	171	.24	3	4.77	.02	.06	1	2
6+00W 0+60S	20	494	13	68	.1	11	18	1129	2.00	4	8	ND	1	40	1	2	2	44	.22	.07	6	18	.36	77	.12	6	1.52	.01	.05	1	3
6+00W 1+50S	15	99	16	24	.1	7	6	118	3.19	4	5	ND	1	12	1	2	2	71	.10	.05	4	19	.08	24	.16	2	3.01	.01	.02	2	2
6+00W 2+10S	6	56	6	45	.1	14	8	222	3.57	7	5	ND	1	12	1	3	2	74	.10	.08	8	23	.28	44	.21	4	5.33	.01	.03	1	1
6+00W 2+40S	5	20	17	31	.1	7	5	156	2.88	7	5	ND	1	12	1	2	2	62	.11	.06	5	17	.16	34	.17	5	3.92	.01	.02	1	2
6+00W 2+70S	5	26	8	36	.1	11	7	215	3.89	6	5	ND	1	22	1	2	2	75	.20	.06	8	22	.22	69	.19	7	4.52	.01	.05	1	1
6+00W 3+00S	4	15	5	30	.1	8	7	448	3.46	5	5	ND	1	10	1	2	2	72	.09	.08	7	19	.18	22	.17	2	4.55	.01	.01	1	2
6+00W 3+30S	6	34	4	29	.1	7	6	158	3.89	2	5	ND	1	11	1	7	2	69	.10	.21	5	20	.19	33	.17	7	4.83	.01	.02	1	3
6+00W 3+60S	5	44	6	37	.2	5	7	216	3.33	7	5	ND	1	11	1	2	2	68	.09	.07	6	20	.19	29	.16	5	4.60	.01	.02	1	2
6+00W 3+90S	5	68	6	57	.1	16	11	254	3.33	4	5	ND	1	26	1	5	2	61	.21	.06	6	22	.38	87	.19	2	4.96	.01	.04	2	1
6+00W 4+20S	3	40	4	80	.2	14	11	286	2.97	7	5	ND	1	12	1	6	2	54	.10	.08	4	19	.32	41	.16	2	5.80	.01	.02	1	8
6+00W 4+50S	3	68	13	90	.1	11	16	524	3.10	9	5	ND	1	26	1	2	2	58	.25	.08	9	15	.46	79	.12	3	3.04	.02	.04	1	3
6+00W 5+10S	5	25	8	73	.3	3	9	240	5.00	8	5	ND	3	9	1	2	2	61	.11	.08	5	19	.17	25	.18	3	5.66	.01	.03	1	2
6+00W 5+40S	9	103	21	84	.2	8	11	235	5.40	24	5	ND	1	11	1	2	2	69	.11	.10	5	9	.21	31	.13	4	3.81	.01	.02	1	3
6+00W 5+70S	9	245	21	210	.1	16	215	4551	3.34	10	5	ND	1	32	5	2	2	32	.53	.31	12	9	.18	89	.06	4	8.91	.01	.03	1	6
6+00W 6+00S	7	96	19	71	.1	13	41	675	3.40	3	5	ND	1	34	1	2	2	65	.47	.05	8	14	.27	70	.17	2	2.36	.02	.04	1	4
6+00W 6+30S	9	46	25	112	.1	5	24	411	5.34	5	5	ND	1	13	1	2	2	109	.15	.09	5	16	.27	73	.14	2	2.46	.01	.03	1	1
6+00W 6+60S	4	18	13	43	.1	4	6	171	3.02	2	5	ND	1	9	1	2	2	71	.13	.03	6	12	.33	78	.02	2	2.16	.01	.03	1	2
6+00W 6+90S	1	19	14	36	.1	7	4	138	3.27	3	5	ND	1	9	1	2	2	74	.12	.11	5	12	.20	30	.07	3	1.96	.01	.01	1	3
6+00W 7+20S	4	59	37	59	.2	17	10	805	3.09	12	5	ND	1	16	1	2	2	57	.20	.14	4	16	.20	56	.12	5	4.62	.01	.03	1	2
6+00W 7+50S	3	21	12	39	.1	7	8	282	2.89	5	5	ND	1	19	1	2	2	74	.21	.04	3	11	.22	37	.13	2	1.15	.01	.03	2	1
6+00W 7+80S	2	25	12	56	.1	13	12	315	4.65	3	5	ND	2	16	1	2	2	86	.16	.04	4	18	.12	45	.23	5	3.40	.01	.03	1	2
6+00W 8+10S	3	20	13	78	.2	12	12	384	4.58	12	7	ND	2	16	1	2	2	98	.20	.06	4	15	.16	57	.21	2	2.32	.01	.03	1	3
6+00W 8+40S	3	55	13	85	.1	13	13	413	4.45	9	5	ND	1	17	1	2	2	84	.19	.13	5	15	.18	74	.19	2	4.53	.02	.02	1	2
6+00W 8+70S	3	107	20	161	.1	14	69	2779	5.50	9	5	ND	1	20	1	6	2	74	.20	.29	6	14	.17	63	.15	2	4.66	.01	.02	1	1
6+00W 9+00S	3	71	14	104	.1	18	45	2016	9.10	14	5	ND	1	23	1	2	4	70	.26	.24	2	10	.36	95	.12	2	4.96	.02	.03	1	1
6+00W 9+30S	4	83	9	115	.1	17	102	1669	10.30	23	5	ND	1	15	1	2	5	50	.14	.38	6	5	.25	66	.07	2	5.75	.02	.02	1	2
6+00W 9+60S	3	68	10	200	.1	14	20	716	6.38	16	5	ND	1	35	1	2	2	62	.40	.25	2	11	.27	84	.11	2	5.17	.01	.03	1	3
STD C/AU-0.5	20	58	41	134	7.0	75	29	1190	3.96	36	16	8	35	47	18	15	20	59	.48	.14	37	60	.88	177	.08	36	1.71	.06	.11	14	510

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
6+00W 9+90S	2	34	16	50	.1	13	7	266	3.69	3	5	ND	2	10	1	2	2	72	.10	.11	3	14	.21	40	.18	2	3.92	.01	.02	1	4
6+00W 10+20S	1	19	43	48	.1	9	4	307	2.25	5	5	ND	1	14	1	2	2	46	.18	.06	3	8	.23	55	.10	2	1.28	.01	.03	1	2
6+00W 10+50S	3	52	11	127	.1	16	25	359	5.08	7	5	ND	1	21	1	2	2	70	.20	.13	5	13	.29	80	.15	2	3.97	.01	.03	1	1
6+00W 10+80S	2	26	18	111	.1	14	21	671	4.02	5	5	ND	1	19	1	2	2	57	.21	.09	4	16	.28	154	.09	2	3.11	.01	.03	1	2
6+00W 11+10S	3	51	36	208	.1	17	29	2860	3.50	8	5	ND	1	71	1	2	2	48	.33	.10	4	13	.30	658	.11	2	2.25	.01	.05	1	3
6+00W 11+40S	7	26	28	44	.2	12	9	303	6.98	15	5	ND	2	10	1	2	5	103	.11	.10	2	23	.14	51	.24	2	6.16	.01	.03	1	1
6+00W 11+70S	3	21	12	56	.1	9	8	614	3.16	5	5	ND	1	14	1	6	2	50	.18	.12	4	13	.19	57	.13	7	5.41	.01	.03	1	2
6+00W 12+00S	2	22	12	68	.1	9	10	1125	4.13	4	5	ND	1	10	1	2	2	61	.12	.10	4	15	.23	109	.12	3	3.85	.01	.02	1	1
6+00W 12+30S	2	15	2	50	.1	11	8	626	3.85	2	5	ND	1	12	1	2	2	68	.13	.05	2	13	.29	90	.07	2	2.76	.02	.03	1	3
6+00W 12+60S	2	15	16	55	.1	11	5	556	2.97	9	5	ND	1	11	1	2	2	57	.14	.07	3	13	.12	56	.15	4	2.50	.01	.03	1	2
6+00W 12+90S	2	22	21	48	.1	8	5	628	3.38	4	5	ND	2	10	1	3	2	61	.12	.13	3	16	.15	56	.17	2	3.82	.01	.02	1	1
6+00W 13+20S	5	56	16	39	.1	8	6	255	4.33	4	5	ND	2	7	1	2	2	60	.07	.26	8	20	.12	33	.15	2	8.74	.01	.03	1	1
6+00W 13+50S	4	66	15	55	.1	7	7	454	5.96	3	5	ND	2	8	1	2	2	55	.09	.54	4	18	.13	52	.11	3	7.39	.01	.03	1	2
3+60W 12+00N	1	35	47	65	.1	16	10	274	6.20	14	5	ND	2	8	1	3	6	154	.10	.21	3	17	.35	25	.25	2	2.96	.01	.04	1	3
3+60W 11+70N	2	49	28	69	.1	13	12	794	4.30	4	5	ND	3	11	1	3	2	75	.14	.40	4	20	.28	41	.17	2	6.73	.01	.02	1	2
3+60W 11+40N	4	38	28	122	.1	18	27	3311	6.53	9	5	ND	1	18	1	3	2	100	.20	.57	2	17	.42	79	.22	7	3.18	.01	.03	1	1
3+60W 11+10N	2	41	40	147	.3	15	21	3586	5.49	6	5	ND	2	21	1	3	2	88	.24	.83	4	23	.43	104	.18	2	3.85	.01	.03	2	1
3+60W 10+80N	4	64	32	442	.3	32	34	17734	5.61	2	5	ND	2	24	1	2	2	81	.25	.13	8	20	.25	350	.28	2	2.91	.01	.04	1	2
3+60W 10+50N	1	24	26	88	.1	21	23	1295	2.80	2	5	ND	1	33	1	2	2	60	.42	.06	5	15	.38	80	.15	3	2.24	.01	.04	1	1
3+60W 10+20N	2	33	2	65	.1	25	13	493	3.38	2	5	ND	1	25	1	4	2	70	.23	.04	13	23	.61	124	.23	2	5.04	.02	.06	1	1
3+60W 9+90N	4	46	30	236	.1	27	30	3820	4.51	9	5	ND	2	36	1	2	2	88	.33	.16	8	29	.29	141	.17	6	6.99	.02	.07	1	1
3+60W 9+60N	3	52	36	171	.2	18	24	3171	5.56	5	5	ND	1	22	1	2	2	113	.35	.11	2	19	.29	61	.28	2	1.77	.01	.04	1	1
3+60W 9+30N	2	41	40	264	.3	17	19	4204	5.23	3	5	ND	1	19	1	2	2	77	.26	.20	6	26	.18	84	.30	2	1.76	.01	.04	1	1
3+60W 9+00N	2	20	15	67	.1	18	9	623	2.95	3	5	ND	1	19	1	2	2	65	.23	.09	3	16	.35	40	.16	2	2.78	.02	.04	1	1
3+60W 8+70N	2	22	18	124	.1	20	14	2073	3.16	5	5	ND	1	32	1	2	2	69	.46	.08	6	18	.44	84	.17	5	3.13	.02	.04	3	2
3+60W 8+40N	5	82	45	438	.4	19	97	9124	6.63	14	5	ND	1	25	1	5	2	92	.28	.32	5	18	.43	127	.17	2	3.71	.01	.06	1	3
3+60W 8+10N	6	46	57	299	.5	10	28	16454	4.78	10	6	ND	2	14	1	2	2	84	.14	.13	4	13	.14	111	.29	2	1.18	.01	.04	1	2
3+60W 7+80N	3	34	35	248	.3	12	26	3116	4.88	8	5	ND	1	29	1	4	2	98	.20	.08	5	15	.22	80	.32	5	1.36	.01	.03	2	1
3+60W 7+50N	6	33	76	234	.4	35	126	4496	10.20	53	5	ND	2	19	1	2	5	124	.34	.29	5	37	.19	79	.14	2	2.20	.01	.05	1	2
3+60W 7+20N	2	32	23	133	.3	9	16	1904	2.54	5	5	ND	1	48	1	3	2	44	.47	.07	4	9	.34	141	.09	3	1.62	.02	.04	1	3
3+60W 6+90N	3	16	16	83	.1	11	9	477	3.12	11	7	ND	2	21	1	2	2	62	.21	.07	3	17	.29	40	.17	2	2.34	.01	.04	2	2
3+60W 6+60N	3	30	21	73	.1	19	12	432	2.78	9	5	ND	2	31	1	2	2	56	.25	.07	6	19	.49	119	.15	3	3.32	.02	.07	1	1
3+60W 6+30N	2	24	3	67	.2	13	6	217	2.48	2	5	ND	1	18	1	2	2	54	.17	.06	4	18	.33	44	.14	5	3.36	.02	.04	2	2
3+60W 6+00N	2	22	14	84	.1	14	9	404	3.01	2	5	ND	1	19	1	2	2	54	.16	.06	5	17	.32	44	.15	7	3.05	.02	.03	1	3
3+60W 5+70N	2	22	8	102	.1	17	8	330	2.96	2	5	ND	1	26	1	2	2	60	.21	.04	6	21	.47	130	.21	5	3.15	.02	.05	1	1
3+60W 5+40N	2	39	30	51	.1	10	3	141	1.31	4	5	ND	1	34	1	2	2	27	.30	.09	4	13	.07	49	.05	3	.79	.01	.03	1	1
STD C/AU-0.5	21	56	42	132	6.9	73	29	1171	3.97	37	19	9	34	46	17	16	20	59	.48	.14	37	60	.88	174	.07	36	1.71	.06	.12	14	490

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
3+60W 5+10N	1	13	24	32	.1	9	2	128	1.18	2	5	ND	1	12	1	2	2	33	.20	.05	4	13	.07	40	.03	3	1.32	.01	.03	1	1
3+60W 4+50N	2	33	33	87	.2	16	8	766	3.23	4	5	ND	1	23	1	2	3	59	.17	.09	6	22	.24	46	.13	7	3.83	.01	.03	1	1
3+60W 4+20N	2	22	10	122	.1	13	8	1794	3.07	2	5	ND	1	23	1	6	2	39	.17	.17	5	15	.16	76	.14	3	5.26	.01	.02	1	1
3+60W 3+90N	2	30	11	67	.1	15	7	898	2.60	3	5	ND	1	24	1	2	2	52	.20	.08	4	21	.27	67	.12	2	2.90	.02	.02	1	1
3+60W 3+60N	1	19	5	106	.1	18	9	784	2.90	2	5	ND	1	32	1	2	4	60	.27	.06	6	17	.42	82	.17	2	3.88	.02	.05	1	1
3+60W 3+30N	4	59	65	498	.4	15	13	1301	3.96	2	5	ND	1	32	3	2	2	60	.29	.12	6	19	.28	232	.14	3	3.88	.01	.03	1	1
3+60W 3+00N	3	17	48	71	.4	10	6	214	4.09	2	5	ND	2	14	1	2	2	72	.12	.06	7	17	.11	36	.21	2	2.29	.01	.02	1	2
3+60W 2+70N	3	28	20	94	.3	10	5	406	2.76	2	7	ND	2	20	1	2	2	59	.18	.07	5	19	.17	56	.14	2	2.54	.01	.02	1	1
3+60W 2+40N	3	24	21	148	.1	9	11	526	4.36	2	5	ND	1	13	1	5	2	71	.13	.08	5	19	.13	60	.18	2	4.42	.01	.01	1	1
3+60W 2+10N	3	48	11	76	.1	10	9	334	4.53	4	5	ND	1	18	1	4	2	94	.16	.06	9	23	.21	50	.24	4	4.46	.01	.03	1	1
3+60W 1+80N	2	56	21	73	.1	21	11	548	3.24	3	5	ND	1	27	1	2	2	73	.22	.06	5	21	.50	138	.20	2	4.58	.02	.04	1	1
3+60W 1+50N	1	23	23	60	.1	7	8	503	3.87	4	5	ND	1	13	1	2	2	120	.20	.19	3	24	.19	20	.12	2	1.82	.01	.02	1	1
3+60W 1+20N	1	32	13	53	.1	7	7	277	4.18	2	5	ND	2	15	1	2	2	132	.20	.08	3	15	.18	36	.12	5	2.38	.02	.01	1	1
3+60W 0+90N	1	14	6	45	.1	10	6	471	3.09	2	5	ND	1	15	1	2	4	70	.13	.05	3	14	.19	52	.16	2	2.63	.01	.01	1	1
3+60W 0+30N	2	58	8	56	.1	11	10	379	2.56	2	5	ND	1	36	1	2	2	61	.41	.07	4	15	.44	68	.11	2	1.53	.03	.04	1	2
3+60W 0+00N	4	84	9	58	.1	8	10	279	2.46	3	5	ND	1	31	1	2	7	71	.37	.03	10	15	.23	60	.22	2	.89	.01	.01	1	1
STD C/AU-0.5	20	60	40	132	7.3	70	28	1179	3.97	38	16	8	33	47	17	16	20	59	.48	.15	37	57	.88	175	.07	36	1.71	.06	.10	13	500

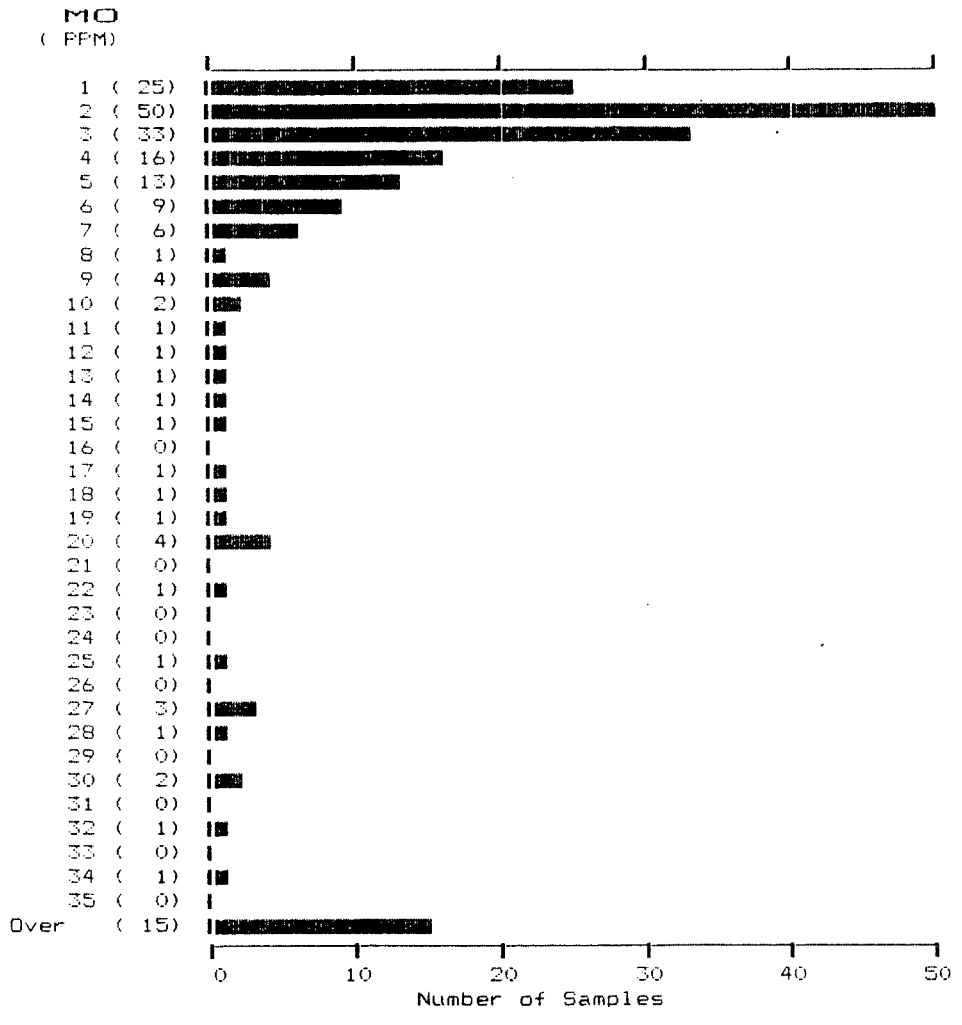
SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
6+00W 1+85S SILT	2	50	6	59	.1	11	8	367	2.44	3	5	ND	1	31	1	2	2	54	.38	.05	4	14	.44	58	.12	2	1.99	.02	.04	2	1
6+00W 4+00S SILT	2	66	3	56	.1	11	8	311	1.89	2	5	ND	1	35	1	2	2	45	.32	.07	4	13	.39	95	.10	2	1.72	.03	.03	1	1
6+00W 4+04S SILT	3	96	7	80	.1	10	10	462	2.16	2	5	ND	1	40	1	2	3	47	.49	.07	4	14	.49	95	.11	3	2.08	.03	.05	1	1
6+00W 4+65S SILT	1	22	18	122	.1	14	8	414	2.39	2	5	ND	1	35	1	2	3	54	.33	.05	5	15	.39	71	.11	2	1.94	.02	.03	1	1
4+70W B.L SILT	2	51	19	91	.3	9	9	454	2.61	2	5	ND	1	32	1	2	2	62	.36	.07	5	15	.38	75	.13	5	2.09	.02	.03	1	1
3+60W 6+15N SILT	2	46	15	78	.4	11	8	440	2.77	2	6	ND	1	28	1	3	2	71	.29	.07	5	15	.34	68	.13	2	2.02	.02	.03	1	1
DB-A ROCK	5	911	5	37	.2	3	1	247	7.31	59	5	ND	1	8	1	2	18	26	.14	.03	2	3	.32	8	.05	2	.63	.02	.01	1	17
DB-B ROCK	4	392	5	48	.1	6	15	334	5.65	13	5	ND	1	27	1	2	4	38	.34	.04	2	6	.50	13	.08	2	.94	.03	.02	1	12
STD C/AU-0.5	20	60	40	132	7.3	70	28	1179	3.97	38	16	8	33	47	17	16	20	59	.48	.15	37	57	.88	175	.07	36	1.71	.06	.10	13	485

DURFELD GEOLOGICAL - PROJECT DOUGLAS BAY



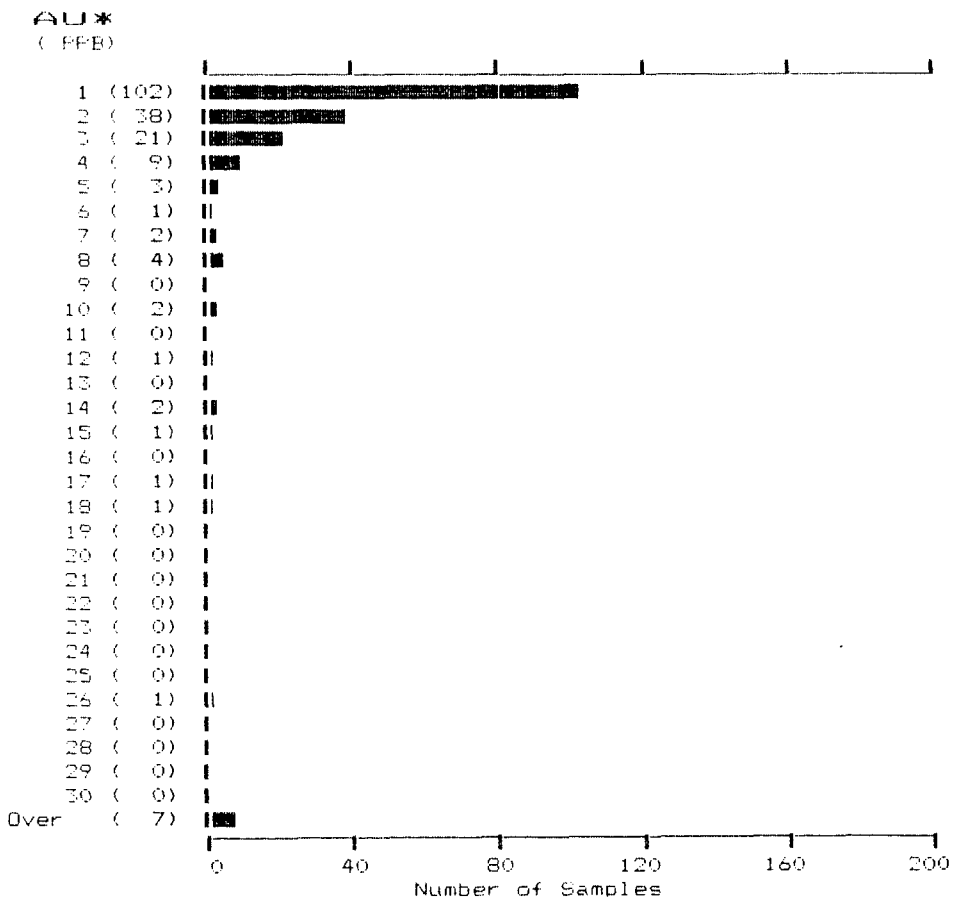
196 Samples	Maximum:	2234	Mean: 154
	Minimum:	11	Standard Deviation: 316

DURFELD GEOLOGICAL -PROJECT DOUGLAS BAY



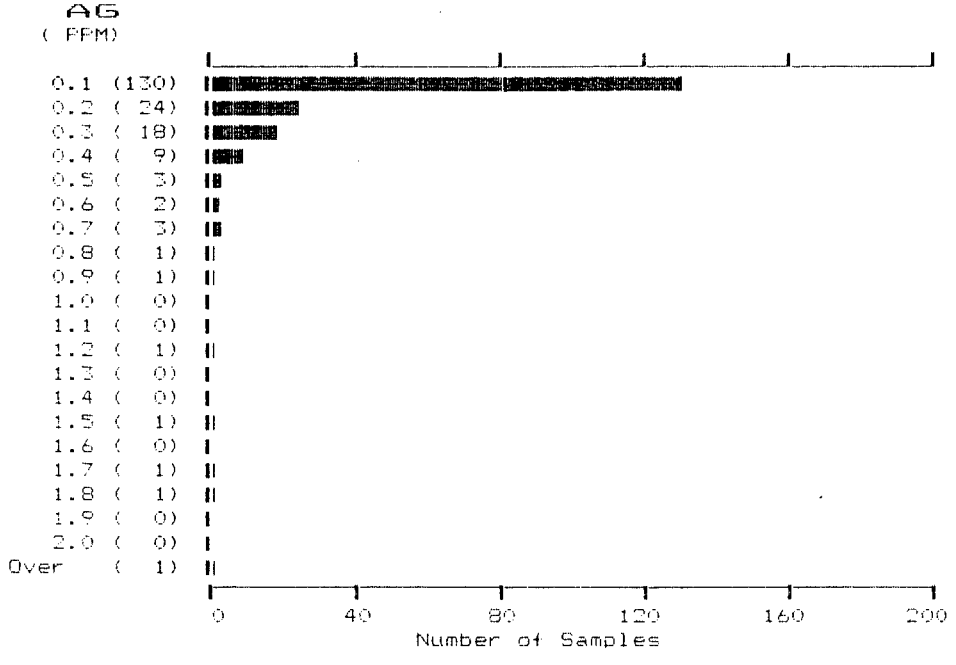
196 Samples	Maximum:	287	Mean: 12
	Minimum:	1	Standard Deviation: 30

DURFELD GEOLOGICAL -PROJECT DOUGLAS BAY



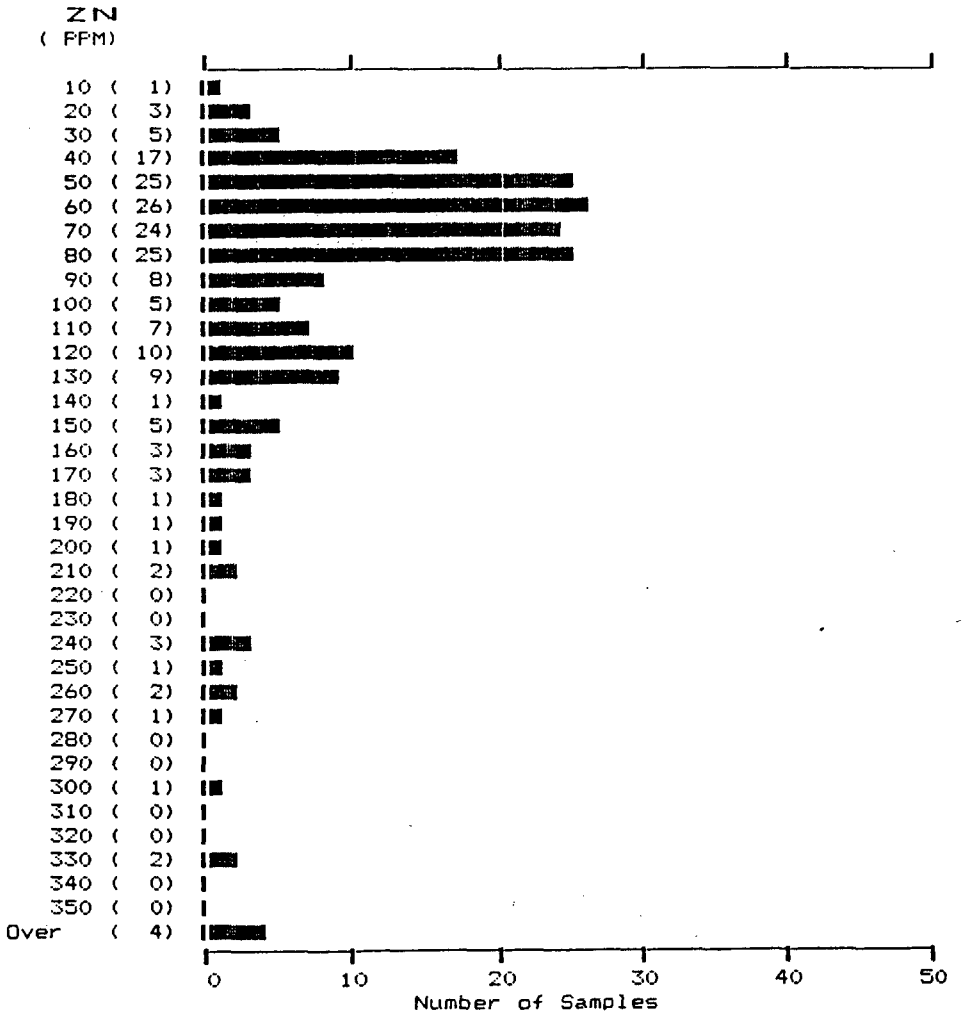
196 Samples	Maximum:	70	Mean: 4
	Minimum:	1	Standard Deviation: 9

DURFELD GEOLOGICAL - PROJECT DOUGLAS BAY



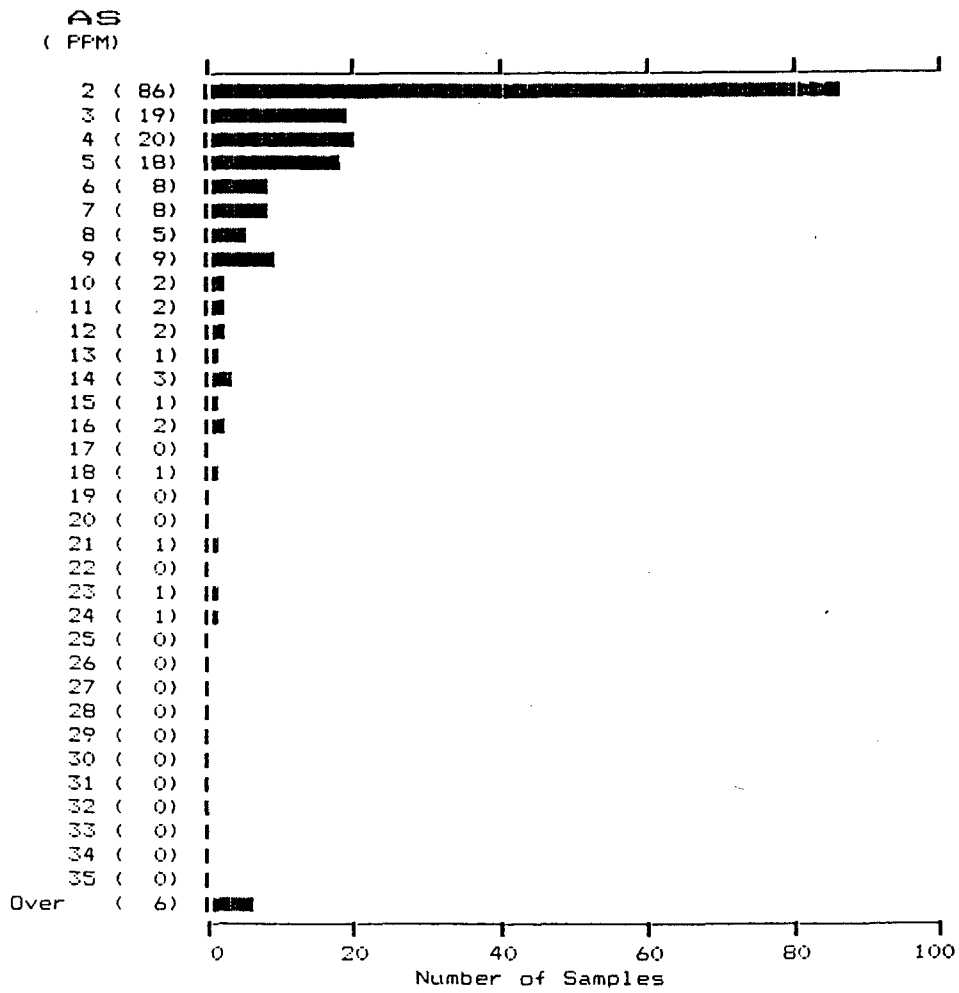
196 Samples	Maximum:	2.0	Mean: 0.2
	Minimum:	0.1	Standard Deviation: 0.3

DURFELD GEOLOGICAL - PROJECT DOUGLAS BAY



196 Samples	Maximum:	498	Mean: 93
	Minimum:	10	Standard Deviation: 76

DURFELD GEOLOGICAL -PROJECT DOUGLAS BAY



196 Samples Maximum: 244 Mean: 7
Minimum: 2 Standard Deviation: 20

APPENDIX II

ITEMIZED COST STATEMENT

PERSONNEL	
Geologists	
R.M. Durfeld - 8 days @ $250/day	$ 2,000.00
J.P. McGoran - 3 days @ $250/say	750.00
Assistants	
Terry McKenzie - 4 days @ $150/day	600.00
McGoran Junior - 2 days @ $100/day	200.00
Room and Board - 17 man days @ $30/day	510.00
TRANSPORTATION	
Truck - including fuel 11 days @ $50/day	550.00
Boat - 7 days @ $100/day	700.00
ASSAYING	1,839.75
DRAFTING	317.00
REPORT PREPARATION	700.00
Total	$ 8,166.75

R.M. Durfeld, B.Sc.
(Geologist)

APPENDIX III

Durfeld Geological Management Ltd.
180 Yorston Street
Williams Lake, B.C. V2G 3Z1

Telephone (604) 392-4691

STATEMENT OF QUALIFICATIONS

I Rudolf M. Durfeld of 2029 South Lakeside Drive, Williams Lake, British Columbia, hereby certify that:

1) I am a graduate of the University of British Columbia, Bachelor of Science (Geology Major) in 1972 and have practiced my profession since that time.

2) I am a Fellow of the Geological Association of Canada (Member No: 3025).

3) I am the author of this report which is based on work that was conducted on the MB Mineral Claim Group during the period December 19th, 1985 to March 10th, 1986.

R.M. Durfeld, B.Sc.
(Geologist)

Ekins Point

M.B. 10
1789 (3)

M.B. 11
1770 (3)

M.B. 1
1749 (3)

M.B. 18
1791 (3)

Douglas Bay

Gambier Creek

South Fork

East Fork

A

B

C

15 + 00 meters
12 + 50
10 + 00
7 + 50
5 + 00
2 + 50
0 + 00 BASE LINE

N

LEGEND

- Access Trail
- Claim Post
- Claim Boundary
- Grid Line
- Scrd bar
- Mo ppm ○ Cu ppm. Soil Sample
- Mo ppm ◻ Cu ppm. Rock Sample
- Mo ppm □ Cu ppm. Silt Sample
- – Threshold Values
- ± Anomalous Values

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,356

TECHNICAL WORK: DURFELD GEOLOGICAL MANAGEMENT LTD.	DOUGLAS BAY RESOURSES INC. GAMBIER ISLAND COPPER PROSPECT **GEOCHEMICAL PLAN** COPPER ppm, MOLYBDENUM ppm MB CLAIM GROUP VANCOUVER MINING DIVISION	SCALE: 1 : 5000
N.T.S. MAPSHEET: 92-G-6W/11W		DATE: MARCH 1986
APPROVED BY:		FIGURES: FIGURE 2
		DRAWN BY: Monica G. Ferguson KEMO DRAFTING SERV.

Ekins Point

M.B. 10
1789 (3)

M.B. 11
1770 (3)

M.B. 1
1749 (3)

M.B. 18
1791 (3)

Douglas Bay

Gambier Creek

South Fork

East Fork

15 + 00 meters
12 + 50
10 + 00
7 + 50
5 + 00
2 + 50
0 + 00 BASE LINE

N

LEGEND

- Access Trail
- Claim Post
- Claim Boundary
- Grid Line
- Sand Bar

200 100 50 0 100 200 (m)

Ag ppm ○ Au ppb Soil Sample

Ag ppm △ Au ppb Rock Sample

Ag ppm □ Au ppb Silt Sample

\- Threshold Values

= Anomalous Values

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,356

TECHNICAL WORK: DURFELD GEOLOGICAL MANAGEMENT LTD.	DOUGLAS BAY RESOURSES INC.	SCALE: 1 : 5,000
N.T.S. MAPSHEET: 92-G-6W/11W	GAMBIER ISLAND COPPER PROSPECT	DATE: MARCH 1986
APPROVED BY:	**GEOCHEMICAL PLAN** SILVER ppm, GOLD ppb	FIGURES: FIGURE 3
	MB CLAIM GROUP VANCOUVER MINING DIVISION	DRAWN BY: Monica G. Ferguson KEMO DRAFTING SERV.

Ekins Point

M.B. 10
1789 (3)

M.B. 11
1770 (3)

M.B. 1
1749 (3)

M.B. 18
1791 (3)

Douglas Bay

Gambier Creek

South Fork

East Fork

15 + 00 meters
12 + 50
10 + 00
7 + 50
5 + 00
2 + 50
0 + 00 BASE LINE

N

LEGEND

- Access Trail
- Claim Post
- Claim Boundary
- Grid Line
- Sand Bar

As ppm ○ Zn ppm — Soil Sample
As ppm△Zn ppm — Rock Sample
As ppm□Zn ppm — Silt Sample
\- — Threshold Values
= — Anomalous Values

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,356

TECHNICAL WORK: DURFELD GEOLOGICAL MANAGEMENT LTD.	DOUGLAS BAY RESOURSES INC.	SCALE: 1 : 5,000
N.T.S. MAPSHEET: 92-G-6W/11W	GAMBIER ISLAND COPPER PROSPECT	DATE: MARCH 1986
APPROVED BY:	**GEOCHEMICAL PLAN** ARSENIC ppm, ZINC ppm	FIGURES: FIGURE 4
	MIB CLAIM GROUP VANCOUVER MINING DIVISION	DRAWN BY: Monica G. Ferguson KEMO DRAFTING SERV.