

86-1033-15792

3/88

REPORT ON THE GAMBIER PROPERTY
VANCOUVER MINING DIVISION, BRITISH COLUMBIA

For

OWNER(S): ^{Mines} CANDORADO RESOURCES LTD.
J.P. McGoran

NTS ~~92G/11W~~ 92G/11W

49°309' north latitude

123°22' west longitude

By

R.M. Durfeld

Durfeld Geological Management Ltd.

180 Yorston Street

Williams Lake, B.C. V2G 3Z1

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March 1987

FILMED

Operator: Candorado Mines Ltd.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,792

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Figure 1. Location plan for the Gambier Island Copper Prospect. 1:250,000. NTS 92G

A.) INTRODUCTION

1) Location

The Gambier Property, comprised of the MB mineral claim group, is located on the northeast corner of Gambier Island in the Vancouver Mining Division, 30 kilometres northwest of the city of Vancouver (Figure 1). More precisely, it is located at 49 degrees and 31 minutes north latitude and 123 degrees and 22 minutes west longitude. (National Topographic System Maps 92G/6 and 92G/11)

2) Access and Physiography

Access to the property is best achieved by Water Taxi from Horseshoe Bay to Douglas Bay on Gambier Island, a distance of 15 kilometres. For this project Candorado supplied a 28 foot power launch for crew transport and accomadation. On Gambier Island numerous old logging trails originating at Douglas Bay permit good access for walking and all-terrain vehicles on the property.

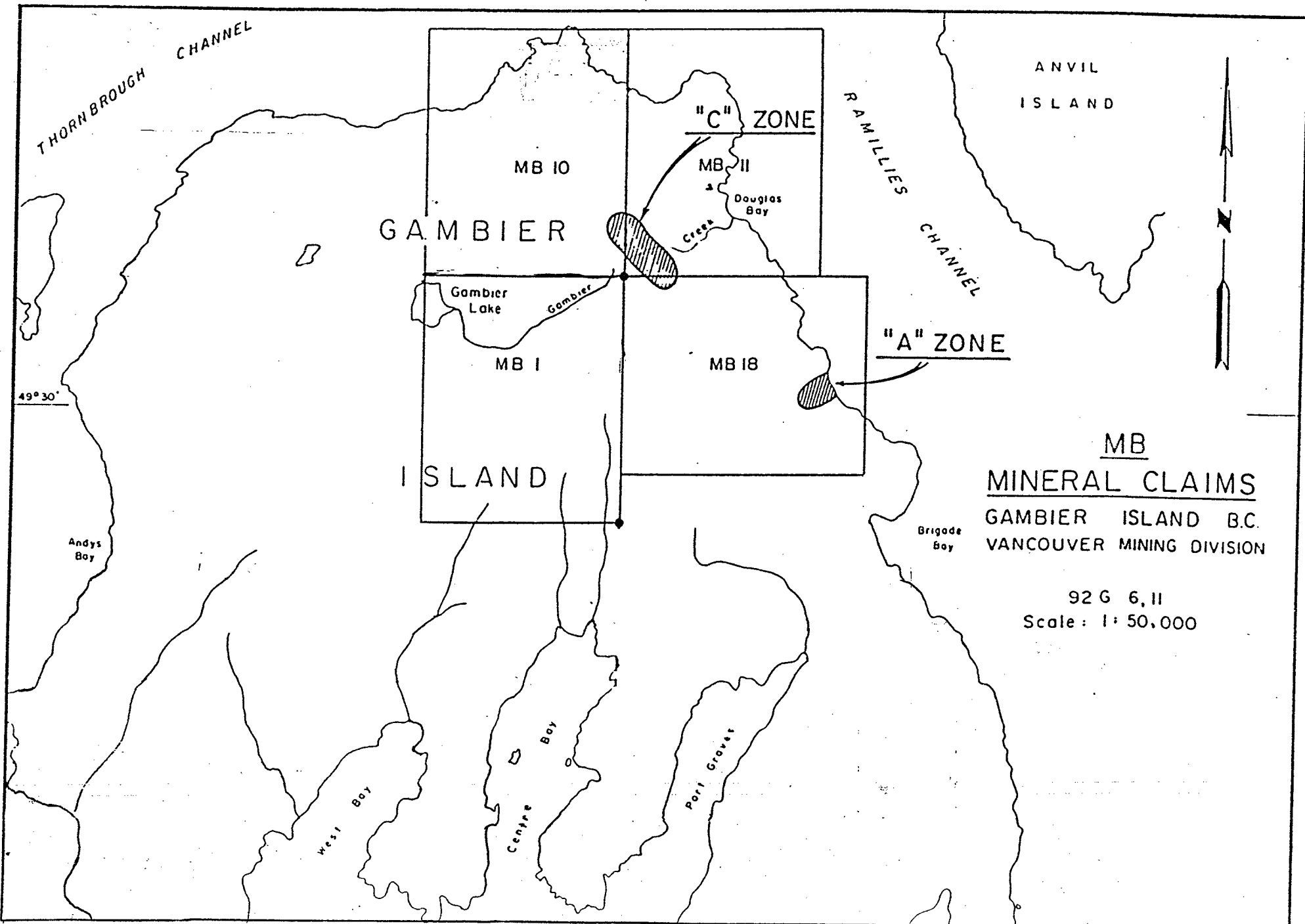
The property comprises precipitious slopes that range from sea level on the coast to summits in the central part of the island that exceed 800 metres. The lower Section of Gambier Creek is filled by varved clay and silt and is relatively flat.

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

3) Ownership

The Gambier property, as the MB mineral claim group, is comprised of four modified grid and six two-post contiguous mineral claims for a total of 74 claim units. The status of these claims is summarized below and the relative claim locations are plotted on figure 1a.

CLAIM NAME	NUMBER OF UNITS	RECORD NUMBER	RECORD DATE	YEAR OF EXPIRY
MB 1	20	1749	January 3rd	1990
JD 2	1	1779	March 18th	1988
JD 3	1	1780	March 18th	1988
JD 4	1	1781	March 18th	1988
MB 1	1	1785	March 22nd	1988
MB 2	1	1786	March 22nd	1988
MB 3	1	1787	March 22nd	1988
MB 10	16	1789	March 29th	1990
MB 11	12	1790	March 29th	1990



MB
MINERAL CLAIMS
GAMBIER ISLAND B.C.
VANCOUVER MINING DIVISION

92 G 6, 11
Scale: 1:50,000

MB 18

20

1791

March 29th

1990

The year of expiry on the above summary reflects the filing of the work on December 31st, 1986 and March 18th, 1987 that is documented in this report.

Claim Ownership:

Messrs. J.P. McGoran and R.M. Durfeld by way of a 50-50 partnership agreement own the MB mineral claim group. On December 18th, 1986 Messrs. McGoran and Durfeld granted Candorado Mines Ltd. the right to earn a 50% interest in the MB mineral claim group by way of an option agreement with Douglas Bay Resources Inc., a private company controlled by McGoran and Durfeld.

4) History and Previous Work

A number of copper showings have been known in the northeast section of Gambier Island for many years, with old workings evidenced at Copper Cove and Douglas Bay. 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 anomalies "A", which is centred in the area of Copper Cove and "C", which is just south of Gambier Creek at a point approximately 1 kilometre inland from Douglas Bay. Anomaly "A" was tested by a single diamond drill hole that was cored at -45° for 815 and was reported to have assayed 0.117% copper over its entire length. Anomaly "C" was not tested by diamond drilling at that time.

The property was again staked in February 1978 by 20th Century Energy Corporation. During the period 1978 to 1981, 20th Century conducted extensive exploration in the area of anomaly "C" that was comprised of a geochemical soil sampling and induced polarization surveys followed by 5,558 metres of diamond drilling. This work defined a 'Porphyry Copper-Molybdenum Deposit' with estimated reserves of:

- 198 million tonnes .24% Cu and .015% MoS₂, with a .20% copper equivalent cutoff.
- or - 56 million tonnes .36% Cu and .021% MoS₂, with a .40% copper equivalent cutoff.

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 been relocated by Messrs. J.P. McGoran and R.M. Durfeld. During the period December 1985 to January 1986 Messrs. Durfeld and McGoran conducted a geochemical orientation survey in the area of and peripheral to anomaly "C" that was filed for assessment in a report dated March 1986.

On December 18th, 1987 Candorado Mines Ltd of Vancouver was granted an option to earn a 50% interest in the MB mineral claim group. The work described in this report documents the first work program undertaken by Candorado that forms the basis of this option.

5) Purpose of Program

In optioning the Gambier property Candorado Mines Ltd. recognized the known potential of the 'Porphyry Copper Molybdenum Deposit' and the untested potential of economic gold mineralization associated with or peripheral to it. To further evaluate these potentials a preliminary program of prospecting, geological mapping and geochemical (soil, silt and rock) sampling was recommended. This report documents this work that was conducted by Durfeld Geological Management Ltd during the period December 18th 1986 to February 26th 1987.

B.) GEOCHEMICAL SURVEYS

1) Geochemical Sample Collection and Analysis

For control the existing north-south grid was rehabilitated and expanded. Approximately seven kilometres of new compass grid was flagged and stations were marked at 30 metre intervals with teflon tags.

Subsequent soil sampling was then conducted on the established grid lines. Soil samples were generally collected at 60 metre intervals with the aid of a grub-hoe from the top of the B-horizon (generally 8 to 20 centimetres in depth) and placed in Kraft sample bags marked with the relative 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 is generally less than 5 centimetres thick, except in the valley bottom areas of poor drainage where accumulations of up to 60 centimetres were encountered.

Silt samples were collected in conjunction with the prospecting from all encountered drainages. Due to the high run-off in this heavy rainfall area it was often difficult to collect enough fines to constitute a good silt sample.

Rock chip samples were collected in areas of visible sulphide mineralization, quartz veining and hydrothermal alteration.

All the soil, silt and rock samples were shipped to MIN-EN Laboratories Ltd in North Vancouver where they were analyzed for 27 elements by ICP (Inductively Coupled Argon Plasma) and gold by fire assay and atomic absorption.

2) Geochemical Results

The results of these geochemical analyses are documented as Appendix I and figures 2 to 4, the geochemical plans, plot the values for copper, molybdenum, silver, gold, zinc and arsenic.

In the 1986 'Geochemical Report', to better define the anomalous values for the plotted 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 subsequently used to define the threshold and anomalous values for the plotted elements. The threshold value was taken as the mean and the mean plus one standard deviation was taken to be anomalous. These values fit the combined 1986 and 1987 geochemical data and the mean, standard deviation, threshold and anomalous values are listed below.

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 threshold and anomalous values for the above elements are highlighted on figures 2 thru 4.

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

The 1987 sampling recognized three distinct anomalous areas as:

Copper Cove Area, Anomaly A

A single soil line was run above the mineralization in Copper Cove and returned copper values from 470 to 1000 ppm over 240 metres. Coincident with this anomalous section were the highest gold and silver values of this survey. Anomalous molybdenum, zinc and arsenic values also occur with this anomaly.

8+40W 6+00N

An isolated soil sample here strongly anomalous in copper suggests a possible expansion of the copper mineralization in the Main porphyry copper-molybdenum Deposit.

Gambier Lake North

Several rock chip samples collected from mineralized outcroppings were strongly anomalous in copper (up to 1053 ppm), zinc (up to 3056 ppm) and silver (up to 4.3 ppm). No significant gold values occur in the this area and the copper and molybdenum values in the soil samples were low.

C.) GEOLOGY

1.) Regional Geology

Regional geological mapping by J.A. Roddick of the Geological Survey of Canada maps the north end of Gambier Island as being underlain by volcanic strata and associated sediments of the Gambier Group (Jurassic). Granitic rocks of the Coast Plutonic Complex underlie much of the southern portion of Gambier Island. The volcanic strata generally have a north to northwest strike and steep easterly to westerly dips. In this regional mapping no intrusive activity is mapped in the area of Gambier creek and Gambier lake.

2.) Property Geology

The immediate area of the Gambier Island Porphyry Copper-Molybdenum Deposit in the lower section of Gambier Creek has been well mapped by Fox Geological Consultants Ltd of Vancouver and formed the starting point for this survey. The prospecting and mapping traverses of this survey were laid out to expand this work. The Geological Plan (Figure 5) depicts the property geology as it is known to date.

Lithology

The oldest rocks on Gambier Island are mapped as the Jurassic Age Gambier Group, a volcanic and clastic sequence that has been subdivided into 1) volcanic sediments: gritstone, conglomerate, breccia and volcanic wacke; 1a) hydrothermally altered sediments rich in epidote and quartz veinlets; 1b) black often siliceous argillite and 2) massive andesitic rocks; and 2a) hornfelsed or hydrothermally altered unit 2. The overall stratigraphy within units 1 and 2 is not readily evident due to extensive block faulting.

The Gambier Group in a regional sense is intruded by the Cretaceous Age Coast Plutonic Complex that in the property area is recognized as unit 3, the heterogeneous mafic rich diorite with numerous mafic inclusions. In contrast the dioritic rocks of unit 4 are massive, homogeneous, fine to medium grained diorites of probable Tertiary Age. Both units 3 and 4 are generally moderately magnetic, unaltered and contain minor amounts of pyrite.

Rocks of unit 5, the quartz feldspar porphyry, comprise a heterogeneous assemblage of quartz porphyry, breccia and sub-porphyrific granitic rocks. Unit 5 forms the northwest trending stock that is centred on Gambier Creek. The copper and molybdenum mineralized rock that is concordant to the south and west contacts of this stock and up to several 100 meters in wide represents the 'Gambier Island Porphyry Copper Deposit' as it is known to date.

Unit 6, the dacite porphyry dyke occurs as a cross-cutting feature in all lithologies.

Structure

Regionally the prominent structural directions on Gambier Island are west-northwest and north-south. Gambier Creek parallels one such west-northwest structure which represents a fault trace that is evidenced by numerous shear zones. The north-south structures crosscut and at times offset this main trend. Block faulting parallel to both trends has developed many cliffed outcrops and steep-sided valleys. The major drainage patterns on Gambier Island are controlled by these trends.

Alteration

Hydrothermal alteration as a combination of secondary epidote, chlorite and quartz was recognized in all lithologies.

The mapped alteration in the main zone forms an envelope around the quartz feldspar porphyry, unit 5, suggesting that the hydrothermal alteration is related to the emplacement of this stock. A similar alteration assemblage is evident just north of Gambier Lake on a sheared contact between volcanoclastics and argillites. A large outcrop comprised of quartz porphyry, unit 5, occurs in the centre of this zone and is thought to be related to the hydrothermal alteration that is recognized here.

The altered (chlorite-quartz-pyrite) diorite, unit 4, in the southeast corner of the property corresponds to the copper cove area and would have controlled alteration of the volcanic rocks, (units 1 and 2) in this area.

Mineralization

Due to the heavy rainfall sulphide mineralization is absent from most outcrop exposures and only noted on freshly broken surfaces.

Pyrite was noted in all lithologies, but because pyrite is often of primary origin in the volcanics the presence of pyrite does not necessarily constitute hydrothermal mineralization.

The new showings at Copper Cove and Gambier Lake North occur as chalcopyrite and malachite disseminated in the matrix and on quartz veins in altered lithologies. The extent of this mineralization on both showings has not been delineated.

D.) CONCLUSIONS

The geological mapping and prospecting in conjunction with the geochemical sampling has defined two targets for further exploration on the Gambier property as:

Copper Cove Area, Anomaly A- is defined by strongly anomalous copper, gold, silver, zinc and arsenic values from soil sampling that is continuous over 240 metres. The host rocks in this area are altered diorites and volcanic sediments. Additional soil and rock sampling along the beach and up-slope will better define the extent of this anomaly.

Gambier Lake North- target occurs as strongly anomalous copper, zinc and silver values in hydrothermally altered and quartz veined volcanic derived sedimentary lithologies that are in contact with a quartz porphyry. This quartz porphyry is mapped as unit 5 and is similar to phases of the quartz feldspar porphyry that occurs at the main zone.

APPENDIX I

Geochemical Analyses

COMPANY: R. DURFELD
 PROJECT NO: GAMBIER ISLAND
 ATTENTION: R. DURFELD

MIN-EN LABS ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

(ACT:GEO27) PAGE 1 OF 3
 FILE NO: 7-053/P1+2
 DATE: JAN 29, 1997

(VALUES IN PPM)	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
BDS 1	.7	27930	1	22	167	2.3	1	4810	4.1	7	85	80820
BDS 2	.7	30520	1	24	119	2.4	1	3980	4.8	8	225	67020
BDS 3	.6	31900	1	24	81	2.5	1	4570	5.5	8	312	64010
BDS 4 40M	.5	31850	1	25	79	2.5	1	6740	8.1	13	95	44560
BDS 5	.9	21790	1	18	57	3.4	1	1930	4.2	23	36	99320
BDS 6	.8	14530	1	13	74	3.4	1	2600	3.9	7	16	99080
BDS 7	1.4	13040	1	13	70	4.4	1	2960	4.9	9	15	143700
BDS 8	.6	41550	1	30	53	2.3	1	2100	3.1	7	23	69810
BDS 9	.5	28620	1	22	57	2.3	1	2200	3.5	7	15	67430
BDS 10	1.0	32890	1	25	84	3.3	1	1450	5.8	22	25	117180
BDS 11	.4	25870	1	19	68	2.5	1	1970	3.2	9	15	66130
BDS 12	.4	51260	1	36	28	2.6	1	1410	4.3	5	25	65480
BDS 15	.6	26360	1	20	99	2.3	1	4550	2.9	9	25	60080
BDS 16	.3	21730	1	17	39	3.0	1	2570	3.5	10	29	61700
BDS 17	.8	24790	1	19	105	2.6	1	5240	4.3	8	26	83230
BDS 18	1.0	32060	1	24	130	2.6	1	5420	4.9	8	29	87950
RS 1	.8	28020	1	24	75	2.4	1	8620	4.4	6	22	62010
RS 2 40M	.5	21410	1	16	56	1.9	1	4650	2.9	5	14	47120
RS 3 40M	.8	28070	8	24	93	3.1	1	10340	4.1	8	36	52790
RS 4	.7	27610	1	23	136	2.6	1	9750	3.3	6	35	54400
RS 5	.6	22370	1	19	60	2.3	1	7130	4.7	7	54	55450
RS 6	.9	26150	1	21	94	3.0	1	5940	3.9	7	57	80840
RS 8	.5	33460	1	25	38	1.9	1	1790	2.6	7	14	71740
RS 9 40M	.1	14210	1	10	45	1.1	1	1510	1.5	3	12	35750
RS 10	.9	28830	1	23	63	2.6	1	8190	6.1	9	47	56670
RS 11	.8	37670	1	29	99	2.4	1	3530	7.4	9	42	71930
RS 12	1.1	27470	1	21	79	2.8	7	3130	4.3	19	1081	64850
RS 13	.9	35210	1	26	78	3.2	1	3510	6.2	18	45	67590
RS 14	1.1	45020	5	34	109	3.4	1	6790	5.9	17	162	53450
RS 15 40M	.5	42760	1	31	69	2.6	1	2010	3.0	6	27	57230
RS 16	.8	30330	1	22	73	2.5	1	2780	2.5	11	27	74850
BL 0+00W	.7	24810	1	19	63	2.0	1	1580	4.6	7	18	100600
0+00W 0+60S	1.0	27700	1	21	51	1.8	1	1570	6.4	6	13	126900
0+00W 1+20S	1.1	56170	1	41	186	2.4	1	2510	6.0	8	26	111050
0+00W 1+80S	1.0	58620	1	42	67	2.8	1	1970	6.3	7	29	91880
0+00W 2+40S	1.2	41240	1	31	62	2.7	1	1490	5.5	6	24	135540
0+00W 3+00S	1.2	32020	1	23	39	2.4	1	1830	5.8	6	32	130140
0+00W 3+60S	.4	18490	1	14	95	1.6	1	3740	3.5	4	12	68410
0+00W 4+20S	1.3	32290	1	25	72	2.9	1	2240	6.0	6	20	144810
0+00W 4+80S	.6	34860	1	26	54	1.9	1	1400	5.0	5	35	88430
0+00W 5+40S	.6	30140	1	22	71	2.6	1	2570	4.5	5	19	75030
0+00W 6+00S	.5	9330	1	8	24	2.1	1	2100	4.7	4	12	73320
0+00W 8+40S	.7	17860	1	13	58	1.4	1	4520	3.7	3	12	73010
0+00W 9+00S	1.1	42820	1	31	83	1.9	1	2090	4.4	6	27	117690
0+00W 10+20S	1.6	21510	1	18	70	1.4	1	6750	5.5	7	16	142190
0+00W 10+80S	.2	9080	1	6	26	.4	1	1850	2.1	2	4	49000
3+00N	.8	31190	1	24	67	1.5	1	1650	5.7	4	67	97430
3+60N	1.1	40760	1	30	56	2.4	1	2070	4.4	6	64	88550
4+20N	1.4	42910	1	32	69	2.6	1	2060	5.0	10	68	114230
4+80N	1.3	40260	1	30	75	2.0	1	2390	5.2	6	39	104820
5+40N	1.2	37930	1	27	44	2.2	1	1800	5.9	7	423	84150
6+00N	1.4	25300	1	20	73	2.1	1	3930	6.4	9	18	122670
6+60N	.6	21950	1	17	42	2.0	1	1190	2.8	5	13	86660
7+20N	.6	18030	1	14	37	1.8	1	1860	3.7	4	15	74870
7+80N	.9	24760	1	19	43	2.2	1	1930	4.7	6	26	92750
8+40N	.7	34810	1	26	46	2.1	1	1430	3.5	6	18	79740
9+00N	.7	32500	1	24	45	1.6	1	1420	3.1	4	15	92050
9+60N	.9	27870	1	21	53	2.1	1	1900	4.2	10	23	87340
10+20N	.8	36000	1	27	50	2.5	1	1590	3.9	6	14	97480
10+80N	.5	31940	1	23	48	1.8	1	1480	3.1	5	12	77250

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(ACT:GED27) PAGE 2 OF 3
 FILE NO: 7-053/P1+2
 DATE: JAN 29, 1987

(VALUES IN PPM)	K	LI	MG	NN	MO	NA	NI	P	PB	SB	SR	TH
BDS 1	910	10	5720	670	1	460	10	390	17	1	46	1
BDS 2	520	11	4400	635	5	210	9	410	30	1	38	1
BDS 3	410	10	3700	595	22	170	4	460	29	1	37	1
BDS 4 40M	260	9	1800	1339	7	110	7	630	63	1	35	1
BDS 5	180	5	2040	758	4	90	10	290	58	4	30	1
BDS 6	290	4	3220	435	1	180	7	270	15	4	30	1
BDS 7	280	4	3340	382	4	170	9	220	13	8	33	1
BDS 8	200	7	1410	597	5	230	2	380	25	1	37	1
BDS 9	240	8	1910	636	3	210	7	260	24	1	30	1
BDS 10	310	26	1460	1513	7	120	8	290	49	3	33	1
BDS 11	240	8	1870	599	2	200	8	220	26	1	30	1
BDS 12	290	6	2840	337	1	140	5	710	22	1	39	1
BDS 15	350	7	3640	579	1	220	6	420	18	1	35	1
BDS 16	260	5	3100	441	3	90	4	320	21	2	28	1
BDS 17	730	8	5310	426	1	480	7	340	16	2	44	1
BDS 18	790	9	5920	457	1	430	3	370	23	2	49	1
RS 1	280	8	1790	1607	1	180	2	760	27	1	33	1
RS 2 40M	170	6	2410	845	1	200	3	400	14	1	26	1
RS 3 40M	360	8	3910	1682	5	170	6	810	42	2	38	1
RS 4	430	8	3950	1128	3	190	6	650	39	1	40	1
RS 5	360	7	3350	528	3	150	3	610	46	1	34	1
RS 6	630	10	5260	495	2	240	2	410	34	2	38	1
RS 8	180	4	1570	534	1	230	1	190	22	1	30	1
RS 9 40M	270	7	2160	261	1	250	5	210	15	1	20	1
RS 10	220	14	1410	1307	2	250	20	460	50	1	35	1
RS 11	310	10	1840	823	1	340	11	360	89	1	38	1
RS 12	350	8	3110	810	10	190	5	420	14	1	32	1
RS 13	160	8	1370	1801	3	130	9	490	33	1	32	1
RS 14	290	16	3470	1272	4	150	14	980	75	1	48	1
RS 15 40M	220	7	3700	448	1	170	5	580	30	1	37	1
RS 16	250	9	2150	820	1	170	6	510	27	1	35	1
BL 0+00W	280	12	3030	272	1	80	6	120	8	1	27	1
0+00W 0+60S	330	16	2530	216	1	70	1	190	13	1	28	1
0+00W 1+20S	850	16	5370	1125	1	140	12	640	15	1	51	1
0+00W 1+80S	470	9	4540	349	1	120	13	800	25	1	47	1
0+00W 2+40S	300	12	2470	132	1	130	1	320	26	2	38	1
0+00W 3+00S	270	12	3710	114	1	90	1	220	7	1	35	1
0+00W 3+60S	220	7	2020	166	2	80	2	390	32	1	30	1
0+00W 4+20S	220	15	1840	106	1	110	1	200	39	3	35	1
0+00W 4+80S	230	10	2080	121	1	110	1	240	12	1	31	1
0+00W 5+40S	450	19	3430	288	2	80	3	170	15	1	35	1
0+00W 6+00S	110	1	1110	200	3	150	1	120	9	3	19	1
0+00W 8+40S	160	4	1250	413	1	90	1	200	22	1	32	1
0+00W 9+00S	280	13	2370	228	1	180	2	330	30	1	39	1
0+00W 10+20S	260	16	2090	780	1	110	1	110	33	2	39	1
0+00W 10+80S	160	1	500	76	1	90	1	100	18	1	13	1
3+00N	210	7	1140	402	1	120	1	520	79	1	27	1
3+60N	250	10	2660	543	3	130	7	570	86	1	37	1
4+20N	360	16	2610	432	1	140	3	710	148	2	40	1
4+80N	420	16	4120	324	1	120	4	300	54	1	40	1
5+40N	320	11	4050	621	3	110	3	430	200	1	34	1
6+00N	430	45	8890	767	1	200	4	130	62	2	33	1
6+60N	180	9	1820	252	3	70	3	220	37	1	24	1
7+20N	210	6	2030	291	1	90	3	200	19	1	24	1
7+80N	260	13	3070	252	4	90	4	200	22	2	28	1
8+40N	170	10	2170	179	2	90	10	180	23	1	29	1
9+00N	230	9	2320	102	1	70	1	280	10	1	30	1
9+60N	420	9	3260	1382	1	100	3	270	24	1	31	1
10+20N	320	9	2710	441	1	80	3	240	20	2	33	1
10+80N	320	8	2770	571	1	90	5	290	16	1	29	1

COMPANY: R. DURFELD
 PROJECT NO: GAMBIER ISLAND
 ATTENTION: R. DURFELD

MIN-EN LABS ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

(ACT:GEO27) PAGE 3 OF 3
 FILE NO: 7-053/P1#2
 * TYPE SOIL GEOCHEM * DATE: JAN 29, 1987

(VALUES IN PPM)	U	V	ZN	AU-PPB
BDS 1	1	48.5	109	4
BDS 2	1	41.7	106	3
BDS 3	1	44.3	169	8
BDS 4 40M	1	23.3	175	5
BDS 5	1	90.6	86	2
BDS 6	1	101.3	57	3
BDS 7	1	153.4	64	8
BDS 8	1	36.8	85	5
BDS 9	1	39.9	101	9
BDS 10	1	60.9	179	2
BDS 11	1	43.9	98	2
BDS 12	1	39.0	45	4
BDS 15	1	36.1	54	2
BDS 16	1	46.9	35	3
BDS 17	1	58.2	46	4
BDS 18	1	50.7	53	2
RS 1	1	40.1	74	1
RS 2 40N	1	32.5	55	2
RS 3 40N	1	34.5	82	6
RS 4	1	33.7	87	3
RS 5	1	39.3	48	4
RS 6	1	55.9	65	1
RS 8	1	44.1	38	3
RS 9 40N	1	20.9	46	3
RS 10	1	30.0	324	1
RS 11	1	39.6	359	4
RS 12	1	45.9	89	5
RS 13	1	40.5	109	3
RS 14	1	30.6	121	3
RS 15 40N	1	37.4	47	2
RS 16	1	47.8	41	3
BL 0+00W	1	68.9	35	5
0+00W 0+60S	1	72.6	30	2
0+00W 1+20S	1	50.1	107	4
0+00W 1+80S	1	44.8	83	4
0+00W 2+40S	1	67.2	50	3
0+00W 3+00S	1	83.4	24	4
0+00W 3+60S	1	38.3	38	3
0+00W 4+20S	1	62.0	51	2
0+00W 4+80S	1	56.4	38	6
0+00W 5+40S	1	55.6	52	5
0+00W 6+00S	1	121.8	31	4
0+00W 8+40S	1	56.9	31	5
0+00W 9+00S	1	62.4	50	3
0+00W 10+20S	1	79.0	71	3
0+00W 10+80S	1	22.2	18	8
3+00N	1	47.7	99	3
3+60N	1	50.6	104	5
4+20N	1	52.8	181	4
4+80N	1	61.2	291	3
5+40N	1	42.3	501	6
6+00N	1	57.2	434	2
6+60N	1	59.4	120	4
7+20N	1	51.0	44	4
7+80N	1	57.0	120	3
8+40N	1	45.9	91	4
9+00N	1	50.4	33	4
9+60N	1	50.8	38	8
10+20N	1	51.1	65	7
10+80N	1	44.6	47	2

COMPANY: R. DURFELD
 PROJECT NO: GAMBIER ISLAND
 ATTENTION: R. DURFELD

MIN-EN LABS ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

(ACT:6E027) PAGE 1 OF 3
 FILE NO: 7-053/P3
 * TYPE SOIL GEOCHEM * DATE: JAN 29, 1987

(VALUES IN PPM)	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
12+00N	.8	18950	1	15	45	2.0	1	1670	4.1	4	13	87590
12+60N	.8	24950	1	19	53	2.7	1	1120	5.2	5	20	80690
13+20N	.8	28910	1	21	57	2.0	1	1780	3.9	5	16	79440
13+80N	1.4	18870	5	15	53	1.7	1	1460	2.4	4	14	69210
14+40N	.7	22180	1	17	51	2.4	1	1590	4.3	7	13	84790
15+00N	1.1	20250	1	16	30	3.0	1	1040	4.5	5	13	119640
A 0+00N	1.5	29720	1	24	72	1.8	1	9350	4.2	8	30	97380
A 0+60N	1.3	31380	4	27	81	2.2	1	5560	4.3	7	82	73790
A 1+20N	1.1	38270	37	29	131	4.7	8	2890	6.1	10	46	58630
A 1+80N	1.9	34300	7	29	56	4.3	5	4320	6.5	10	1013	106650
A 2+40N	2.9	40220	6	33	45	5.1	5	1850	8.4	7	834	166730
A 3+00N	2.2	34560	1	26	67	2.9	4	2790	5.4	10	1007	127100
A 3+60N	1.3	41100	3	30	175	2.7	3	2470	3.9	4	473	84550
A 4+20N	1.7	87610	15	65	53	4.7	4	1100	6.0	6	558	108180
A 4+80N	1.2	40750	5	30	52	3.2	1	2860	5.1	4	76	66620
A 5+40N	1.5	37800	3	31	153	4.0	1	2870	5.8	11	19	120800
A 6+00N	1.0	43860	17	33	134	4.9	4	1700	7.1	12	29	82130
A 6+60N	.9	59620	4	31	52	2.9	1	1960	4.7	7	32	73700
A 7+20N	1.5	29680	1	26	53	3.3	1	3510	7.7	8	34	117950

COMPANY: R. DURFELD
PROJECT NO: GAMBIER ISLAND
ATTENTION: R. DURFELD

MIM-EN LABS ICP REPORT
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

(ACT:GEO27) PAGE 2 OF 3
FILE NO: 7-053/P3
DATE: JAN 29, 1987

(VALUES IN PPM)	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
12+00N	170	6	1510	363	1	70	2	250	17	2	24	1
12+60N	230	7	1600	474	3	70	6	560	23	2	25	1
13+20N	350	5	2620	284	2	180	8	280	21	1	31	1
13+80N	180	3	1960	150	3	100	2	160	15	2	24	1
14+40N	250	5	2240	268	2	140	6	250	10	2	27	1
15+00N	190	6	1420	95	2	80	2	150	9	4	25	1
A 0+00N	390	25	7640	503	1	150	14	280	18	1	55	1
A 0+60N	490	32	7100	310	2	240	16	250	30	2	47	1
A 1+20N	570	14	5440	571	9	180	45	440	27	6	46	1
A 1+80N	370	16	1570	283	26	140	6	350	90	5	42	1
A 2+40N	370	19	3250	93	30	110	1	1040	32	9	47	1
A 3+00N	340	14	3070	477	10	140	1	790	38	3	37	1
A 3+60N	350	10	2180	242	11	100	2	930	43	2	41	1
A 4+20N	260	7	1550	259	37	120	6	1670	55	3	63	1
A 4+80N	250	13	1070	240	6	70	6	1010	51	2	40	1
A 5+40N	380	25	4970	406	8	150	5	350	31	5	43	1
A 6+00N	260	14	2790	604	10	120	10	850	67	5	43	1
A 6+60N	260	9	3670	366	6	120	8	420	32	2	36	1
A 7+20N	210	20	2680	228	5	110	1	190	48	5	36	1

COMPANY: R. DURFELD
PROJECT NO: GAMBIER ISLAND
ATTENTION: R. DURFELD

MIN-EN LABS ICP REPORT
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

(ACT:GEO27) PAGE 3 OF 3
FILE NO: 7-053/P3
* TYPE SOIL GEOCHEM * DATE: JAN 29, 1987

(VALUES IN PPM)	U	V	ZN	AU-PPB
12+00N	1	58.3	53	6
12+60N	1	50.4	63	2
13+20N	1	55.5	34	4
13+80N	1	43.4	28	3
14+40N	1	62.1	31	6
15+00N	1	89.3	27	6
A 0+00N	1	55.6	103	2
A 0+60N	1	61.4	154	5
A 1+20N	1	53.7	159	4
A 1+80N	1	77.4	236	14
A 2+40N	1	84.5	58	65
A 3+00N	1	57.2	174	32
A 3+60N	1	47.9	59	19
A 4+20N	1	60.5	93	23
A 4+80N	1	35.7	122	5
A 5+40N	1	54.8	211	3
A 6+00N	1	33.6	268	4
A 6+60N	1	38.2	106	6
A 7+20N	1	64.1	169	3

PROJECT NO:

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-1635/P1+2

ATTENTION: R. DURFELD

(604)980-5814 OR (604)988-4524

* TYPE SOIL BEDCHEM *

DATE: MARCH 4, 1987

(VALUES IN PPM)	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
25+20-0+60N	.1	22720	4	13	27	1.4	1	1580	3.7	3	43	54330
25+20-1+20N	.5	45170	4	23	39	2.7	1	1010	4.1	10	31	117500
25+20-1+80N	1.0	39120	8	21	86	2.8	3	920	5.3	6	32	106960
25+20-2+40N	.2	58810	1	29	25	2.0	1	760	3.7	4	12	96870
25+20-3+00N	.2	71970	1	35	19	2.0	1	920	4.2	3	31	81470
25+20-3+60N	.3	48650	1	25	33	1.9	1	910	3.8	4	22	91870
25+20-4+20N	.2	54840	1	27	26	1.7	1	900	2.8	4	15	97920
25+20-4+80N	.2	64140	1	32	27	2.0	1	830	3.3	3	16	99330
25+20-5+40N	.3	31210	1	15	36	1.7	1	700	2.9	3	12	94370
25+20-0+60S	.6	27800	1	13	35	1.4	1	960	2.3	3	20	101390
25+20-1+20S	.7	43120	4	22	67	2.4	1	1580	4.1	5	112	102760
25+20-1+80S	.8	40180	3	21	110	2.1	1	2740	3.7	7	46	99230
25+20-2+40S	.5	34120	1	18	42	1.8	1	1420	3.9	4	20	77310
25+20-3+00S	.5	33370	1	16	49	1.6	1	1240	3.3	3	20	88090
25+20-3+60S	.6	33660	1	18	50	1.9	1	1940	4.1	5	26	91540
25+20-4+20S	.9	38970	2	20	36	1.6	1	1010	2.1	4	18	115530
BL 16+20W	.5	9940	1	6	41	1.8	2	1210	3.1	2	12	58610
BL 16+80W	1.0	36040	5	20	61	2.2	3	1680	3.6	10	102	117180
BL 17+40W	.8	26450	4	13	55	2.3	1	1450	3.8	5	25	96890
BL 18+00W	.8	23110	12	13	77	3.0	1	2080	4.0	19	127	96380
BL 18+60W	.4	32610	4	17	186	2.9	1	2040	4.7	25	66	69410
BL 19+80W	.8	34670	3	20	122	2.3	1	1590	4.5	5	31	101480
BL 20+40W	.8	21370	4	11	48	1.4	1	1730	3.2	3	13	86420
BL 21+00W	.6	28060	1	15	62	1.6	1	1460	3.1	4	22	90320
BL 21+60W	.5	4360	1	1	12	1.1	1	1890	2.7	1	3	38260
BL 22+20W	.5	25550	1	13	23	1.4	1	1000	3.0	3	11	75210
BL 22+80W	.6	6850	1	4	29	1.2	1	930	2.5	2	11	77430
BL 23+40W	.4	17900	1	10	38	1.7	1	1450	3.8	2	30	61530
BL 24+00W	.6	19340	1	10	22	1.3	1	610	2.8	3	10	79840
BL 24+60W	.6	27880	1	16	47	1.6	1	570	3.0	3	30	98080
BL 25+20W	.8	33630	1	17	72	1.6	1	2010	2.3	4	42	104630
BL 25+80W	.6	28340	2	14	38	1.4	2	1030	3.7	3	16	113510
BL 26+40W	.5	30990	1	14	26	1.5	1	880	3.4	3	27	97520

PROJECT NO:

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-1635/P1+2

ATTENTION: R. DURFELD

(604)980-5814 OR (604)988-4524

* TYPE SOIL GEOCHEM * DATE: MARCH 4, 1987

(VALUES IN PPM)	K	LI	MG	MN	MO	NA	NI	P	PK	SB	SR	TH
25+20-0+60N	180	3	1260	116	2	410	5	150	8	1	34	1
25+20-1+20N	180	12	1200	300	8	130	2	210	32	1	39	1
25+20-1+80N	380	24	1750	114	11	90	9	260	64	5	43	1
25+20-2+40N	120	3	990	82	4	170	1	260	20	1	53	1
25+20-3+00N	140	3	1100	63	3	180	1	310	92	1	62	1
25+20-3+60N	170	4	1150	183	4	180	2	260	32	1	44	1
25+20-4+20N	130	3	1030	131	5	200	1	230	20	1	47	1
25+20-4+80N	140	2	970	50	5	140	1	350	20	1	54	1
25+20-5+40N	220	3	730	96	5	110	1	140	28	1	30	1
25+20-0+60S	230	7	980	207	4	140	1	130	24	1	27	1
25+20-1+20S	260	17	1370	164	8	90	2	180	44	2	44	1
25+20-1+80S	560	21	3270	327	3	170	14	330	36	1	50	1
25+20-2+40S	310	7	1610	294	3	200	4	310	16	1	36	1
25+20-3+00S	270	7	1490	100	3	170	1	400	32	1	35	1
25+20-3+60S	540	9	2890	173	2	230	8	450	28	1	37	1
25+20-4+20S	220	7	1100	73	2	140	1	390	16	1	35	1
BL 16+20W	470	3	800	94	5	70	3	170	14	3	20	1
BL 16+80W	390	32	1860	218	15	180	13	180	40	2	36	1
BL 17+40W	360	17	1320	479	7	100	3	430	20	4	30	1
BL 18+00W	420	27	1440	413	10	150	7	160	22	3	31	1
BL 18+60W	490	18	1640	1322	3	140	16	420	74	2	40	1
BL 19+80W	650	17	1900	202	3	120	6	310	28	2	37	1
BL 20+40W	670	4	2160	114	2	60	4	350	32	1	25	1
BL 21+00W	330	10	1760	125	2	140	3	150	22	1	32	1
BL 21+60W	150	1	230	81	1	60	1	60	8	1	17	1
BL 22+20W	170	4	810	94	1	130	1	560	12	1	28	1
BL 22+80W	160	2	750	43	2	110	1	140	18	1	14	1
BL 23+40W	190	7	1090	142	3	80	2	150	48	2	27	1
BL 24+00W	110	4	630	344	1	110	1	80	10	1	21	1
BL 24+60W	150	6	1100	67	5	80	1	180	76	2	27	1
BL 25+20W	720	20	2490	122	2	90	2	200	32	1	33	1
BL 25+80W	200	6	960	135	2	110	1	340	34	1	25	1
BL 26+40W	200	6	910	65	2	140	1	230	16	1	28	1

PROJECT NO:

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-1638/P1+2

ATTENTION: R. DURFELD

(604)980-5814 OR (604)988-4524

* TYPE SOIL GEOCHEM * DATE: MARCH 4, 1987

(VALUES IN PPM)	U	V	ZN	AU-PPB
25+20-0+60N	1	36.3	52	2
25+20-1+20N	1	60.3	100	1
25+20-1+80N	1	66.7	145	1
25+20-2+40N	1	51.4	21	1
25+20-3+00N	1	44.6	34	1
25+20-3+60N	1	54.5	41	3
25+20-4+20N	1	58.9	32	2
25+20-4+80N	1	54.3	19	1
25+20-5+40N	1	64.5	34	1
25+20-0+60S	1	55.8	80	1
25+20-1+20S	1	56.1	122	3
25+20-1+80S	1	58.7	162	1
25+20-2+40S	1	47.3	48	1
25+20-3+00S	1	49.5	40	1
25+20-3+60S	1	51.3	48	2
25+20-4+20S	1	65.4	41	4
BL 16+20W	1	51.0	28	1
BL 16+80W	1	58.3	221	1
BL 17+40W	1	62.8	93	2
BL 18+00W	1	46.9	346	1
BL 18+60W	1	36.9	445	1
BL 19+80W	1	56.6	144	1
BL 20+40W	1	70.7	40	2
BL 21+00W	1	45.5	95	1
BL 21+60W	1	16.0	12	2
BL 22+20W	1	40.2	35	1
BL 22+80W	1	46.7	27	1
BL 23+40W	1	41.9	111	2
BL 24+00W	1	45.6	26	1
BL 24+60W	1	62.8	74	1
BL 25+20W	1	64.6	62	2
BL 25+80W	1	63.6	57	3
BL 26+40W	1	55.9	31	1

COMPANY: DURFELD GEOLOGICAL

MIN-EM LABS ICP REPORT

(ACT:GEO27) PAGE 1 OF 3

PROJECT NO:

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-163

ATTENTION: R. DURFELD

(604)980-5814 OR (604)988-4524

* TYPE ROCK GEOCHEM *

DATE: MARCH 4, 1987

(VALUES IN PPM)	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
A 25+20W 2+80W	1.6	27700	3	19	536	1.8	6	7410	4.3	9	482	135600
B 25+20E 2+80W	1.2	19700	1	11	21	1.2	1	10130	2.1	7	253	117110
C 25+20W 2+30N	.8	37420	4	22	110	2.4	2	10690	4.0	9	59	104260
D 25+20W 4+00S	1.2	35820	1	21	163	1.4	1	14510	3.5	10	34	145110
E	4.3	49530	40	31	61	8.4	29	14710	26.2	19	1053	216570
F	.2	500	21	6	59	3.5	3	5620	7.7	37	5	44170
HAND 18+60W	.7	22330	1	13	195	1.8	1	4770	3.2	6	60	91780
HAND 19+80W BL	.8	26310	2	16	87	2.4	2	3470	3.0	11	26	117960
HAND 24+60W RL	1.0	29880	1	17	68	1.8	1	7290	4.1	7	9	115060
HAND 25+00W	1.0	22130	1	13	25	1.3	1	8330	1.9	7	16	132850
BL 21+60W	.9	21910	2	14	28	2.0	1	9850	4.4	5	32	71570
BL 23+40W	.6	19210	1	11	27	2.2	2	6090	6.0	5	106	61130

PROJECT NO:

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-163

ATTENTION: R. DURFELD

(604)980-5814 OR (604)988-4524

* TYPE ROCK GEOCHEM * DATE: MARCH 4, 1987

(VALUES IN PPM)	K	LI	MB	MN	MO	MS	NI	P	PB	SB	SR	TH
A 25+20W 2+80N	250	20	10830	1310	3	1220	19	340	14	1	34	1
B 25+20E 2+80N	110	16	11110	1131	1	290	1	510	20	1	44	1
C 25+20W 2+30N	1310	22	10370	303	3	3250	38	460	28	2	48	1
D 25+20W 4+00S	180	21	9960	1015	1	1180	1	330	32	1	60	1
E	310	58	18390	913	19	920	42	6160	100	34	74	1
F	50	2	56190	676	1	60	1301	170	12	2	22	2
HAND 18+60W	1470	15	9050	856	2	570	19	350	8	1	30	1
HAND 19+80W BL	1910	17	10690	500	1	130	52	300	8	2	25	1
HAND 24+60W BL	1720	17	10460	1307	1	1850	7	400	16	1	39	1
HAND 25+00W	1200	12	9300	1218	1	300	1	450	16	1	29	1
BL 21+60W	600	9	8840	1109	2	380	1	520	410	2	54	1
BL 23+40W	490	8	8230	1177	3	590	3	500	36	3	42	1

COMPANY: DURFELD GEOLOGICAL

NIN-EN LABS ICP REPORT

(ACT:GEO27) PAGE 3 OF 3

PROJECT NO:

705 NEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-163

ATTENTION: R. DURFELD

(604)980-5814 OR (604)988-4524

* TYPE ROCK GEOCHEM * DATE: MARCH 4, 1987

(VALUES IN PPM)	U	V	ZN	AU-PPB
A 25+20W 2+80W	1	83.6	129	2
B 25+20E 2+80W	1	40.8	95	1
C 25+20W 2+30W	1	68.1	108	5
D 25+20W 4+00S	1	62.1	92	1
E	1	73.7	3050	4
F	1	27.1	29	1
HAND 18+60W	1	27.2	150	2
HAND 19+80W BL	1	34.3	107	1
HAND 24+60W BL	1	37.9	238	2
HAND 25+00W	1	57.5	104	1
BL 21+60W	1	23.1	101	3
BL 23+40W	1	21.4	340	1

APPENDIX II

Itemized Cost Statement

Technical Staff

Geologist - R.M. Durfeld
30 days @ \$275/day \$ 8,250.00

Assistants - 30 days @ \$150/day 4,500.00

Room and Board

60 mandays @ \$40/day 2,400.00

Radio Rentals

- VHF and B.C. Tel radio rentals 900.00

Field Equipment

- rented and used 900.00

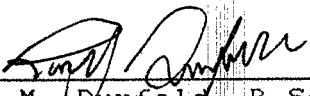
Mobilization - 1,000.00

Geochemical Analyses - 1876.05

Report Preparation and Drafting - 1,200.00

Boat Rental - 3,000.00

TOTAL COST OF PROGRAM \$ 24,026.05

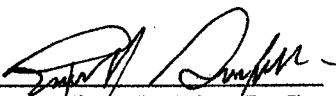

R.M. Durfeld, B.Sc.
(Geologist)

APPENDIX III

Statement of Qualifications

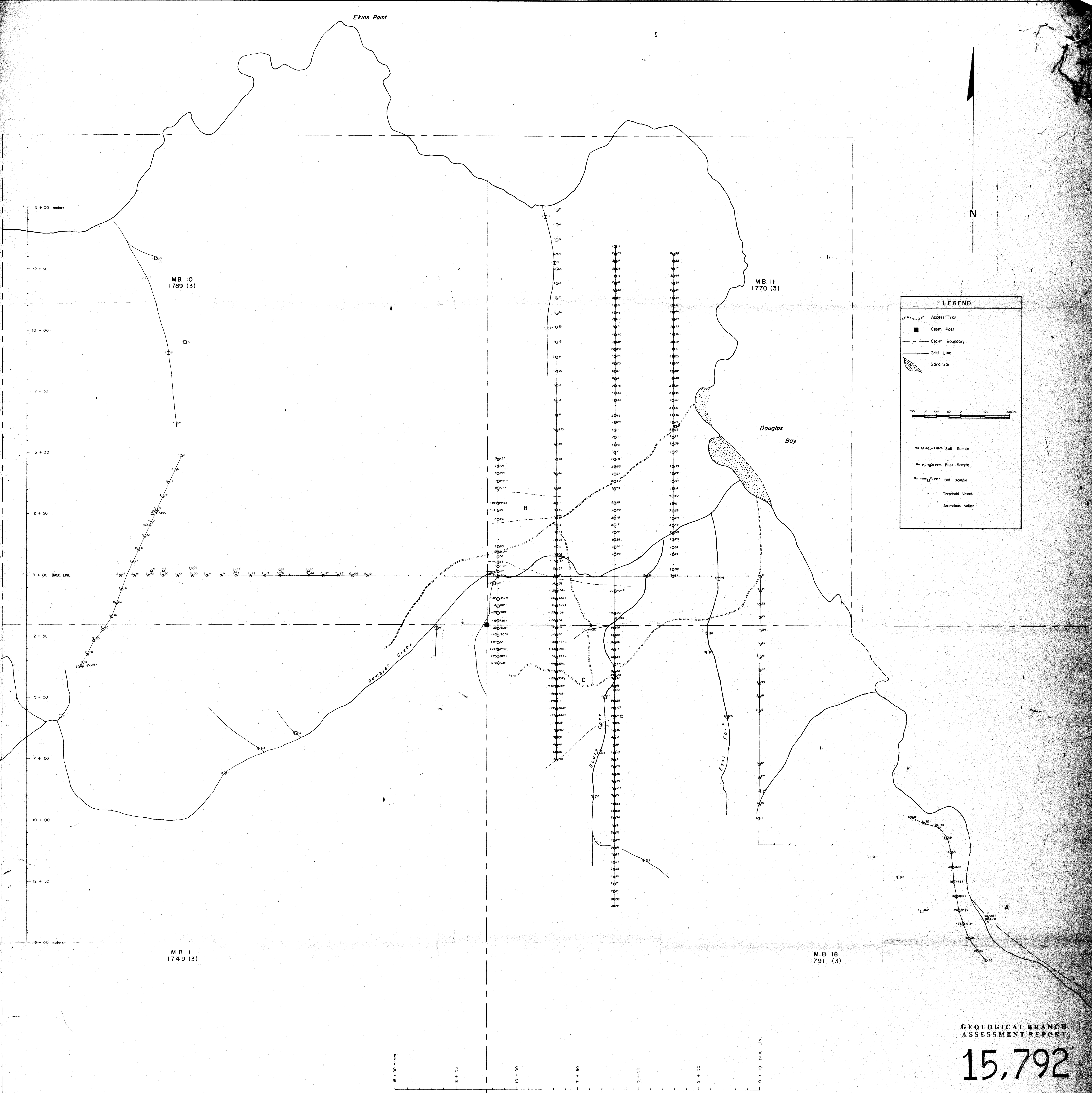
I Rudolf M. Durfeld, do hereby certify:

- 1.) That I am a geologist with offices at 180 Vorston Street, Williams Lake, B.C.
- 2.) That I am a graduate of the University of British Columbia, B.Sc. Geology 1972, and have practiced my profession with various mining and/ or exploration companies and as an independent geological consultant since graduation.
- 3.) That I am a Fellow of the Geological Association of Canada (Member No: F3025), a member of the British Columbia and Yukon Chamber of Mines and a member of the Canadian Institute of Mining and Metallurgy.
- 4.) That this report is based on my personal knowledge of the property as manager and geologist of the exploration programme conducted by Durfeld Geological Management Ltd during the period December 18th, 1986 to February 26th, 1987.


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

Ekins Point

N



LEGEND

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

0 100 200 300 400 500 600 700 800 900 1000

- Mo ppm Ocean Soil Sample
- Mo ppm Ocean Rock Sample
- Mo ppm Ocean Silt Sample
- Threshold Values
- Anomalous Values

GEOLOGICAL BRANCH ASSESSMENT REPORT

15,792

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

Ekins Point

N

M.B. 10
1789 (3)

M.B. 11
1770 (3)

Douglas Bay

Gambier Creek

Southern Fork

East Fork

M.B. 1
1749 (3)

M.B. 18
1791 (3)

LEGEND

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

Scale: 0 50 100 150 200 Feet

- Access Soil Sample
- Access Rock Sample
- Access Site Sample
- Threshold Values
- Anomalous Values

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,792

TECHNICAL WORK:
DURFELD GEOLOGICAL MANAGEMENT LTD.

N.T.S. MAPSHEET:
92-G-6-II

APPROVED BY:

DOUGLAS BAY RESOURCES INC.
GAMBIER ISLAND COPPER PROSPECT

GEOCHEMICAL PLAN
SILVER ppm, GOLD ppb

MB CLAIM GROUP
VANCOUVER MINING DIVISION

SCALE:
1:5000

DATE:
MARCH 1986

FIGURES:
FIGURE 3

DRAWN BY:
Monica G. Ferguson
KEMO DRAFTING SERV.

Ekins Point



M.B. 10
1789 (3)

M.B. 11
1770 (3)

Douglas Bay

Gambier Creek

Southern Fork

East Fork

M.B. 1
1749 (3)

M.B. 18
1791 (3)

LEGEND

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

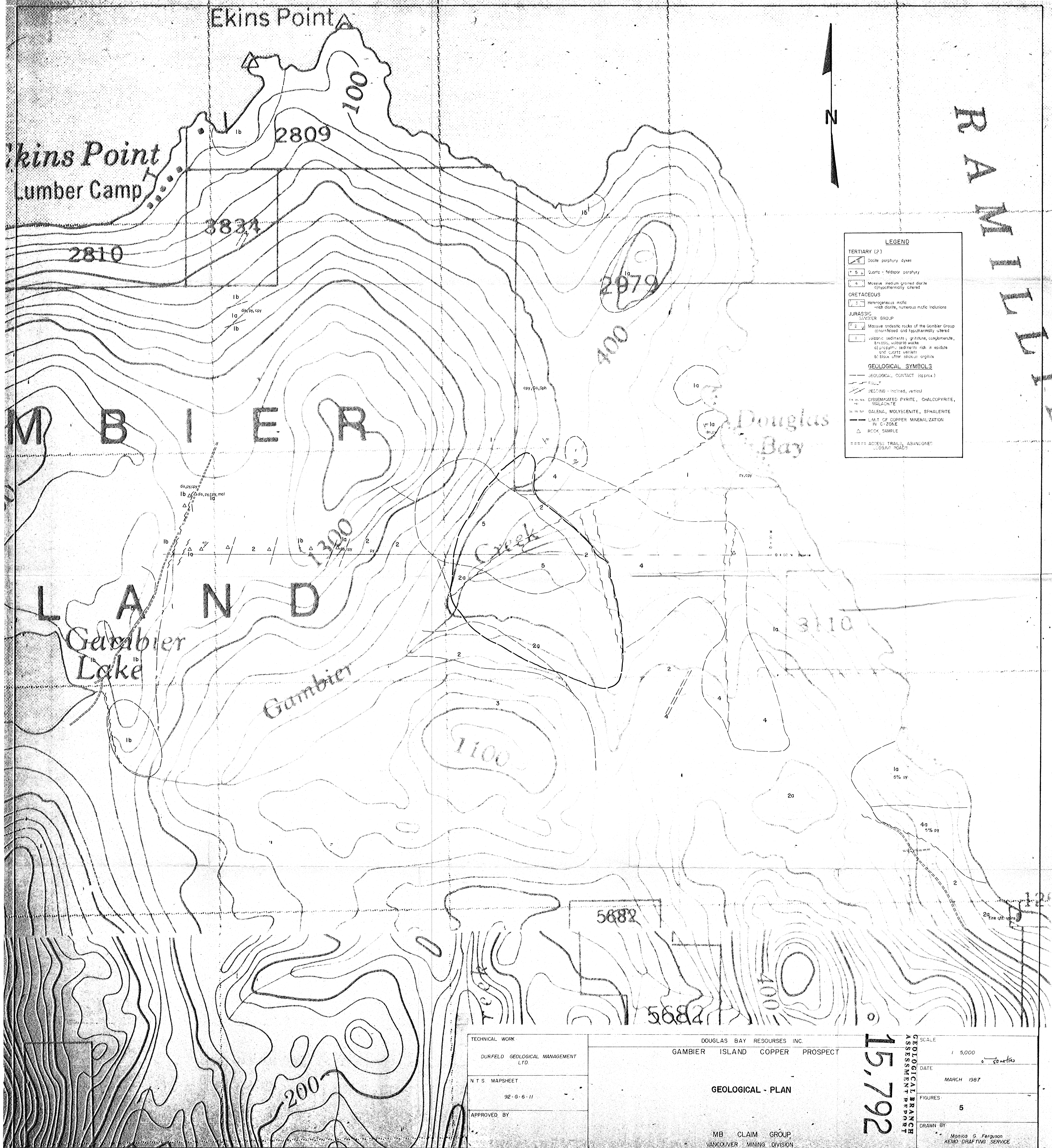
0 50 100 150 200 250

- Soil Sample
- Rock Sample
- Silt Sample
- Threshold Values
- Anomalous Values

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,792

TECHNICAL WORK: DURFELD GEOLOGICAL MANAGEMENT LTD.	DOUGLAS BAY RESOURCES INC. GAMBIER ISLAND COPPER PROSPECT	SCALE: 1 : 5000
N.T.S. MAPSHEET: 92-G-6-11	GEOCHEMICAL PLAN ARSENIC ppm, ZINC ppm	DATE: MARCH 1986
APPROVED BY:	MB CLAIM GROUP VANCOUVER MINING DIVISION	FIGURES: FIGURE 4
		DRAWN BY: Monica G. Ferguson KEMO DRAFTING SERV.



RAMBLER

LEGEND

TERTIARY (?)

- 6 Diate porphyry dykes
- 5 Quartz - feldspar porphyry
- 4 Massive medium grained diorite (spatially altered)

CRETACEOUS

- 3 Heterogeneous mafic (rich diorite, numerous mafic inclusions)

JURASSIC GAMBIER GROUP

- 2 Massive andesitic rocks of the Gambier Group (unfractured and hydrothermally altered)
- 1 Volcanic sediments: gritstone, conglomerate, Ericopic, volcanic wacke

GEOLOGICAL SYMBOLS

- GEOLOGICAL CONTACT (approx.)
- - - - - FAULT
- /// READING - inclined, vertical
- DISSEMINATED PYRITE, CHALCOPYRITE, MOLYBDENE
- GALENA, MOLYBDENITE, SPHALERITE
- LIMIT OF COPPER MINERALIZATION IN C-ZONE
- △ ROCK SAMPLE
- ==== ACCESS TRAILS, ABANDONED
- - - - - GRAVE ROADS

TECHNICAL WORK	DOUGLAS BAY RESOURCES INC.	SCALE 1:5,000 0 50 metres
DURFELD GEOLOGICAL MANAGEMENT LTD.	GAMBIER ISLAND COPPER PROSPECT	
NTS MAPSHEET 92-6-6-11	GEOLOGICAL - PLAN	DATE MARCH 1987
APPROVED BY	MB CLAIM GROUP VANCOUVER MINING DIVISION	FIGURES 5
		DRAWN BY Monica G. Ferguson KEMO DRAFTING SERVICE

15,792