

179-#25-# 7126

REPORT ON
DIAMOND DRILL HOLES 78-1, 78-2, 78-3
DAYBREAK PROPERTY

GAMBIER ISLAND, B.C.

49° 23' VANCOUVER M.D.

Lat. 48° 13' N

Long. 123° 22' W

for
20TH CENTURY ENERGY CORPORATION
Vancouver, B.C.

by
A.F. Roberts, P. Eng.

December 31, 1978
NTS 9266, 11

PART
I
OF
II

7126

REPORT ON
DIAMOND DRILL HOLES 78-1, 78-2, 78-3
DAYBREAK PROPERTY
GAMBIER ISLAND, B.C.

VANCOUVER M.D.
Lat. ~~48°~~^{49° 23'} 13' N Long. 123° ~~22' W~~^{30'}

NTS 92G 6 II

for

20TH CENTURY ENERGY CORPORATION
729-355 Burrard Street
Vancouver, B.C.

by

A.F. Roberts, P.Eng.

December 31, 1978

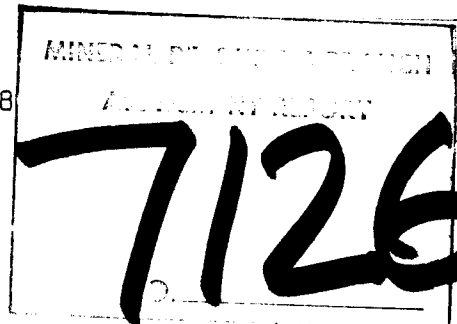


TABLE OF CONTENTS

	<u>Page</u>
SUMMARY.....	
INTRODUCTION.....	1
GEOLOGY, MINERALIZATION.....	2
ASSAYING.....	4
CONCLUSIONS.....	5
RECOMMENDATIONS.....	5
ESTIMATED COSTS.....	6
CERTIFICATE.....	7
Statement of Costs Index.....	End of Report.

APPENDICES

Ref.No.

- 6] Drill Hole Logs DDH 78-1,78-2,78-3....[Appendix A]
- 7] Assay Certificates DDH 78-1,78-2,78-3.[Appendix B]

MAPS

- 2] Location Map.....[Frontispiece]
- 3] "C" Anomaly Map - 1" = 200 feet.....[Back Pocket]
- 4] Topographic and Claim Map 1"=1000'...[Back Pocket]
from Pacific Surveys Photos, 1958
- 5] Drill Hole Section.....[Back Pocket]

REFERENCES

- 1] Report on The Daybreak Claim [20 Units]
Gambier Island, B.C., Vancouver M.D.,
for 20th Century Energy Corporation; by
A.F. Roberts, P.Eng., February 10, 1978.
Also Assessment Reports, 1972 for Gaylord
Mines Ltd.

SUMMARY

The three drill holes on the Company's Daybreak property, Gambier Island, have provided very encouraging values, as follows:

Arithmetic averages:

	<u>78-1</u>	<u>78-2</u>	<u>78-3</u>	
Copper	0.028 <i>20 dpa</i>	0.26	0.36	%
Molybdenite	0.017	0.014	0.014	%
Silver	0.04	.03	.07	oz/ton
Gold	0.001	-	See assay and Logs.	Certificates oz/ton

All holes were stopped in mineralization, 78-1, and 78-2, being vertical holes of 150 metres.

There appears to be a very good opportunity to develop an open pit deposit in an ideal location, as the anomaly measures approximately 550 metres by 550 metres, open at one side.

These holes have not tested the strongest part of the anomaly.

Therefore, it is recommended that the Company drill four more vertical holes, 150 metres minimum depth, on a 100 metre grid pattern.

Then, if justified by results of Stage I, expand the program in Stage II to at least 20 holes.

Stage I is estimated to cost \$ 54,000.00

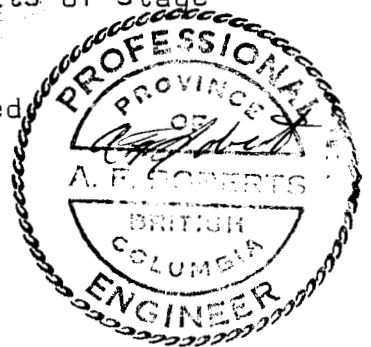
Stage II is estimated to cost \$230,000.00

Further work will depend on the results of Stage II and cannot be estimated at this time.

Respectfully submitted,


A.F. Roberts, P.Eng.

A. F. ROBERTS, P.ENG. CONSULTING MINING ENGINEER





PROPERTY

GARIBOLDI PROVINCIAL PARK

MERRITT

KELOWNA

PENTICTON

OLIVER

OSOYOOS

DRVILLE

OMAK

OKANOGAN

BREWSTER

COULEE

REPUBLIC

WEST FORK

FRANKLIN D. ROOSEVELT LAKE

ADDY

CHEWELAH

LOON LAKE

NEWPORT

CAREYWOOD

ATHOL

SANDPOINT

PRIEST RIVER

LOCKE

DAKENA



20TH CENTURY ENERGY CORPORATION.
VANCOUVER, B.C.
GAMBIER ISLAND, B.C.
PROPERTY
LOCATION MAP

To Accompany Report by A.F. Roberts, P. Eng., dated Feb. 10, 1978

Colfax

REPORT ON
 DIAMOND DRILL HOLES 78-1, 78-2, 78-3
 DAYBREAK PROPERTY
 GAMBIER ISLAND, B.C.
 VANCOUVER M.D.

Lat. $48^{\circ}13'N$

Long. $123^{\circ}22'W$

for
 20TH CENTURY ENERGY CORPORATION
 Vancouver, B.C.

by
 A.F. Roberts, P. Eng.
 December 31, 1978

INTRODUCTION

Diamond Drill Hole 78-1 was drilled in the period November 16-20, 1978, and 78-2 and 78-3 were drilled November 30 - December 15, 1978.

They were drilled to test the "C" Anomaly for Copper-Molybdenum content, as recommended by the writer's report of February 10, 1978. 1] 2] 3] 4] 5]

The rig was a Boyles BBS-1, using BQ core size, rigged for wire line.

-
- 1] Report on The Daybreak Claim [20 units]
 Gambier Island, B.C., for 20th Century
 Energy Corporation, A.F. Roberts, P.Eng.,
 February 10, 1978.
- 2] Location Map [Frontispiece]
- 3] "C" Anomaly Map - 1" = 200 feet [Back Pocket]
- 4] Topographic and Claim Map - 1" = 1,000 ft. [Back Pocket]
 from Pacific Surveys Photos, 1958
- 5] Drill Hole Section [Back Pocket]

The original plan was to drill four 45° holes for 74 metres. The results of 78-1, suggested a change to vertical holes for 150 metres on a spacing of 100 metres.

The core is, at present, stored in marked boxes at the drill hole sites. Proper core racks will be built in the near future at the camp location.

Access by Helicopter from Vancouver or by boat and trail from Horseshoe Bay.

GEOLOGY, 6] 7] MINERALIZATION

The drill hole section and plan drawing is over-size in anticipation of drilling further holes on the same section.

The mineralized rock was logged as an andesite breccia, cemented with quartz. The breccia fragments vary in size from a few mm to a cm or more. The fragments are well chloritized, and vary in colour from a deep green to black.

The unsplit core has a mottled appearance throughout the mineralized sections.

In DDH 78-2 and 78-3, massive andesite showed up. This is referred to as "dyke", but does not correlate very well from hole to hole, and may be massive inclusions.

This andesite varies from a light green porphyry with quartz phenocrysts to dark green and black. Native copper was noted in surface outcrops in 1972 in this rock, in extremely fine grains under a 10X lens.

6] Drill Hole Logs DDH 78-1, 78-2, 78-3 [Appendix A]

7] Assay Certificates DDH 78-1, 78-2, 78-3 [Appendix B]

Mineralization consists of:

- Quartz - Major making up better than 50% of the rock, with secondary quartz veining at several angles as fracture filling, very often showing small fault displacements.
- Pyrite - Approximately 2%, extremely fine to cubes 2 - 3 mm across.
- Pyrrhotite - Minor in the breccia in occasional blebs, but much more in the massive andesite.
- Chalcopyrite - Rarely visible without at least a 10X lens. It occurs as very fine specks in the quartz, and in the chloritized andesite fragments. Larger pieces occur in and along the walls of the secondary quartz veining.
- Molybdenite - Similar to the chalcopyrite, occurring in minute grains in the primary quartz and in the chloritized andesite fragments. Rarely seen without a hand lens. It also occurs with the secondary quartz veining. Sometimes in the cross-core fractures as easily visible mottling, and, in one case, smeared by faulting.
- Silver & Gold - Show low values which would be of value in a concentrate.
- Fracturing - Although the core in general leaves the core barrel in lengths to five feet or better, five sets of fracturing have been noted:
 2 at 40° to the core opposite each other;
 2 at 60° to the core opposite each other;
 and 1 at 120°-140° to the core axis.
 Most quartz veining is on the long axis of the core.

- Faulting - As previously noted, the quartz veining shows small offsets. All fractures often show slickensides, some gouge, or carbonate as logged. 78-3 shows a zone of highly fractured rock. This zone does not correlate with 78-2.
- Magnetism - The massive andesite shows weak to strong attraction for a magnet.
- The mineralized core shows weak to no magnetic attraction.
- Alteration - Other than the chloritization in the breccia, alteration to a major degree was not noted. Epidote occurs along a few of the fractures as logged, and in the more broken core. Some carbonization occurs along vein walls and in highly fractured areas.
- Zinc - Very fine brownish crystals were noted in a few places. One assay of this material gave 0.01% Zn.

ASSAYING

The arithmetic averages for the three holes are as follows:

	<u>78-1</u>	<u>78-2</u>	<u>78-3</u>	
Copper	0.28	0.26	0.36	%
Molybdenite	0.017	0.014	0.014	%
Silver	0.04	0.03	0.07	oz/ton
Gold	0.001	-	See assay cert.	oz/ton

These values are considered to be very encouraging. It should be noted that when stopped, all holes were still in mineralization.

CONCLUSIONS

The consistent rock type, consistent mineralization, the holes stopped in mineralization, and only a very small part of the anomaly tested, developing large tonnages, can only be interpreted as being very encouraging toward the development of a large open pit mine.

RECOMMENDATIONS

In view of the encouragement obtained in the current drill holes, it is recommended that:

- 1] The Company continue the drilling program on a 100 metre grid basis for a minimum of four more holes, using a BBS-2, or larger drill.
- 2] If the above holes are as encouraging as the first ones, the program be expanded to 20 holes working up the centre of the anomaly.
- 3] All holes to be -90° , to a minimum depth of 150 metres.
- 4] This program to be backed up by importing a small bulldozer, and opening up the old skid roads for moving the drilling equipment and supplies from the beach.
- 5] Move the camp to Gambier Creek where permanent water is available, and expand it for more personnel.

- 6] Consider a geochemistry program on the open side of the anomaly on a 100 metre by 25 metre grid to cover a minimum area of 900 metres by 1,000 metres.

ESTIMATED COSTS

Stage I

4 holes @ 500 ft., 2,000 ft. @ \$15/foot	\$ 30,000.00
Mob. and Demob. Bulldozer & Equipment	3,000.00
Cleaning out skid roads - 20 hours @ \$35/hour	700.00
Use of bulldozer for clearing drill sites, moving equipment and supplies, skidding logs - 50 hours @ \$35/hour	1,750.00
Supply and install 6 man camp	2,000.00
Camp operation and supplies - 6 weeks	1,000.00
Assaying - 400 @ \$10.75	4,300.00
Engineering and supervision	<u>4,500.00</u>
Sub-total	\$ 47,250.00
15% Contingencies	<u>7,100.00</u>
Total	<u>\$ 54,350.00</u>
Say	<u><u>\$54,000.00</u></u>

Stage II

20 holes @ 500 ft., 10,000 ft. @ \$15/foot	\$150,000.00
Improve camp	2,000.00
Camp operation and supplies - 9 months	7,500.00
Assaying	21,500.00
Engineering and supervision	15,000.00
Bulldozer Rental	<u>5,000.00</u>
Sub-total	\$201,000.00
15% Contingencies	<u>30,150.00</u>
Total	<u>\$231,150.00</u>
Say	<u><u>\$230,000.00</u></u>

Respectfully submitted,

A. F. Roberts
A.F. Roberts, P.Eng.



C E R T I F I C A T E

I, A.F. Roberts of 812 Fairbrook Crescent, Richmond, B.C., do hereby certify that:

- [1] I am a graduate of the University of British Columbia [B.Ap.Sc.] in Mining Engineering, 1951.
- [2] I am registered as a Professional Engineer of the Province of British Columbia, and am a member of The Canadian Institute of Mining and Metallurgy.
- [3] I have practiced my profession since 1951 with Quatsino Copper Gold Mines Ltd., Giant Mascot Mines Ltd., Coch-enour Willans Gold Mines Ltd., Mogul Mines Ltd., Kerr Addison Gold Mines Ltd., Atlantic Coast Copper Corporation Ltd., Wasamac Mines Ltd., Brenda Mines Ltd., and T.C. Explorations Ltd. Since January of 1970 I have been an independent Consultant.
- Previous to, and during University, I worked as a miner underground, and on several exploration-development projects.
- [4] The accompanying report is based entirely on my personal analysis of the reports and other data referred to in the text, and on work on the property from April 1972 - January 1973, November 15 - 21, and November 30 - December 15, 1978.
- [5] I have no interest, direct or indirect, in the 20th Century Energy Corporation exploration property, or adjacent properties, nor have I any interest, direct or indirect, in any companies controlled by 20th Century Energy Corporation. I have not, nor do I expect to receive any interest in the shares of the Company, in its securities, or in those of any company with which it may become associated.
- [6] I consent to the use of this report, in or in connection with, a prospectus, or a statement of material facts relating to the raising of funds for this project.

DATED at Vancouver, British Columbia, this thirty first day of December, 1978.

A.F. Roberts
A.F. Roberts, P. Eng. *A.F. Roberts*



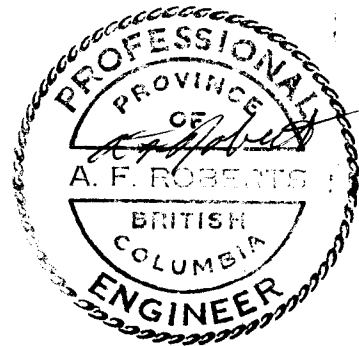
APPENDIX A

DRILL HOLE LOGS

DDH 78-1

DDH 78-2

DDH 78-3



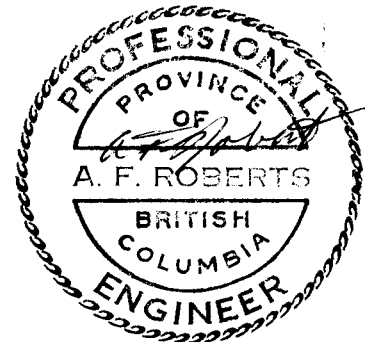
APPENDIX B

ASSAY CERTIFICATES

DDH 78-1

DDH 78-2

DDH 78-3



ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

Telephone: 299-5242

To

6455 Laurel Street * Burnaby, B.C. V5B 3B4

Twentieth Century Energy Corp.,
729-355 Burrard St.,
Vancouver, B.C.

ASSAY CERTIFICATE

File No. 8974

Type of Samples Cores

Disposition 1 of 4

DDH 78-1 (-45°)

1

No.	Sample	Total MoS ₂ %	Cu%	Feet					No.
				From	To				
1	20001	.006	.18						1
2	20002	.009	.19						2
3	20003	.011	.23						3
4	20004	.005	.26						4
5	20005	.007	.26						5
6	20006	.017	.27						6
7	20007	.014	.26						7
8	20008	.007	.15						8
9	20009	.011	.23						9
10	20010	.012	.22						10
11	20011	.012	.28						11
12	20012	.009	.11						12
13	20013	.013	.18						13
14	20014	.022	.31						14
15	20015	.015	.34						15
16	20016	.009	.19						16
17	20017	.015	.27						17
18	20018	.012	.29						18
19	20019	.015	.29						19
20	20020	.012	.21						20

All reports are the confidential property of clients.

DATE SAMPLES RECEIVED Nov. 20, 1978

DATE REPORTS MAILED Nov. 21, 1978

ASSAYER Dean Toye

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER

ACME ANALYTICAL LABORATORIES LTD.

To Twentieth Century Energy Corp.,
729 - 355 Burrard St.,
Vancouver, B. C.

Assaying & Trace Analysis

6455 Laurel Street * Burnaby, B.C. V5B 3B4

Telephone: 299-5242

File No. 8977

Type of Samples Cores

Disposition _____

ASSAY CERTIFICATE

DDH 78-2 3 of 4

No.	Sample	Total MoS ₂ %	Cu %	Ag oz/ton	Feet				No.
					From	To			
1	20029	.010	.16	.02					1
2	20030	.026	.15	.01					2
3	20031	.015	.15	.02					3
4	20032	.014	.26	.03					4
5	20033	.008	.24	.01					5
6	20034	.002	.21	.01					6
7	20035	.006	.20	.02					7
8	20036	.004	.23	.01					8
9	20037	.005	.27	.01					9
10	20038	.006	.16	.04					10
11	20039	.011	.31	.01					11
12	20040	.014	.27	.05					12
13	20041	.011	.36	.07					13
14	20042	.028	.42	.06					14
15	20043	.012	.37	.02					15
16	20044	.011	.33	.03					16
17	20045	.028	.25	.03					17
18	20046	.017	.23	.02					18
19	20047	.020	.34	.07					19
20									20

All reports are the confidential property of clients.

DATE SAMPLES RECEIVED Nov. 22, 1978

DATE REPORTS MAILED Nov. 23, 1978

ASSAYER

Dean Toy

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER

ACME ANALYTICAL LABORATORIES LTD.

To Twentieth Century Energy Corp.

Assaying & Trace Analysis

Telephone: 299-5242

6455 Laurel Street * Burnaby, B.C. V5B 3B4

8974

File No. _____

Type of Samples Cores

Disposition _____

ASSAY CERTIFICATE

DDH 78-1

2 of 4

2

No.	Sample	Total MoS ₂ %	Cu %	Fe+T					No.
				From	To				
1	20021	.017	.26						1
2	20022	.006	.21	12					2
3	20023	.285	.32						3
4	20024	.011	.22						4
5	20025	.016	.29						5
6	20026	.017	.25						6
7	20027	.016	.30						7
8	20028	.022	.10						8
9									9
10									10
11									11
12									12
13									13
14									14
15									15
16									16
17									17
18									18
19									19
20									20

All reports are the confidential property of clients.

DATE SAMPLES RECEIVED Nov. 20, 1978

DATE REPORTS MAILED Nov. 21, 1978

ASSAYER

Dean Toy

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER

ACME ANALYTICAL LABORATORIES LTD.

To Twentieth Century Energy Corp.

Assaying & Trace Analysis

Telephone: 299-5242

6455 Laurel Street * Burnaby, B.C. V5B 3B4

File No. 8974

Type of Samples Composites

Disposition _____

ASSAY CERTIFICATE

DDH 78-1

4 of 4

3

No.	Sample	Ag oz/ton	Au oz/ton					No.
1	20001-20005	.03	.001	<i>Composites</i>				1
2	20006-20010	.04	.001					2
3	20011-20015	.03	.001					3
4	20016-20020	.01	.001					4
5	20021-20025	.05	.003					5
6	20026-20028	.01	.005					6
7								7
8								8
9								9
10								10
11								11
12								12
13								13
14								14
15								15
16								16
17								17
18								18
19								19
20								20

All reports are the confidential property of clients.

DATE SAMPLES RECEIVED Nov. 20, 1978

DATE REPORTS MAILED Nov. 21, 1978

ASSAYER *Dean Toye*

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER

To **Twentieth Century Energy Corp.**,
 729 - 355 Burrard St.,
 Vancouver, B. C.

ACME ANALYTICAL LABORATORIES LTD.
 Assaying & Trace Analysis
 6455 Laurel Street * Burnaby, B.C. V5B 3B4

Telephone: 299-5242

File No. 8994

Type of Samples Cores

Disposition DDH 78-2. 1 of 4

ASSAY CERTIFICATE

1

No.	Sample	Total MoS ₂ %	Cu %	Ag oz/ton	Matras		No.
					From	To	
1	20048	.006	.19	.03	1.83	3.83	1
2	20049	.003	.23	.05	3.83	5.83 ^{Part 124}	2
3	20050	.015	.22	.02	5.83	7.83	3
4	20051	.002	.05	.01 ^{8.38}	7.83	9.83	4
5	20052	.001	.02	.01	9.83	11.83	5
6	20053	.001	.01	.01	11.83	13.83	6
7	20054	.002	.02	.01	13.83	15.84	7
8	20055	.001	.01	.01	15.84	17.84	8
9	20056	.002	.01	.03	17.84	19.84	9
10	20057	.001	.01	.02	19.84	21.84	10
11	20058	.014	.18	.02 ^{22.50}	21.84	23.84	11
12	20059	.012	.25	.02	23.84	25.84	12
13	20060	.020	.24	.04	25.84	27.84	13
14	20061	.018	.14	.02	27.84	29.00	14
15	20062	.013	.16	.01	29.0	31.0	15
16	20063	.017	.23	.02	31.0	33.0	16
17	20064	.011	.19	.03	33.0	35.0	17
18	20065	.009	.11	.03	35.0	37.0	18
19	20066	.009	.19	.03	37.0	39.0	19
20	20067	.030	.22	.05	39.0	41.0	20

All reports are the confidential property of clients.

DATE SAMPLES RECEIVED Dec. 8, 1978

DATE REPORTS MAILED Dec. 11, 1978

ASSAYER

Dean Toye

DEAN TOYE, B.Sc.
 CHIEF CHEMIST
 CERTIFIED B.C. ASSAYER

ACME ANALYTICAL LABORATORIES LTD.

To Twentieth Century Energy Corp.,
729 - 355 Burrard St.,
Vancouver, B. C.

Assaying & Trace Analysis

6455 Laurel Street * Burnaby, B.C. V5B 3B4

Telephone: 299-5242

File No. 8994

Type of Samples Cores

Disposition _____

ASSAY CERTIFICATE

DDH 78-2 2 of 4

2

No.	Sample	Total MoS ₂ %	Cu %	Ag oz/ton	Metres				No.
					From	To			
1	20068	.026	.24	.03	41	43			1
2	20069	.036	.26	.04	43	45			2
3	20070	.037	.20	.03	45	47			3
4	20071	.013	.21	.03	47	49			4
5	20072	.020	.23	.05	49	51			5
6	20073	.013	.24	.01	51	53			6
7	20074	.014	.22	.02	53	55			7
8	20075	.017	.36	.08	55	57			8
9	20076	.014	.29	.06	57	59			9
10	20077	.016	.33	.06	59	61			10
11	20078	.009	.34	.03	61	63			11
12	20079	.016	.30	.04	63	65			12
13	20080	.011	.25	.02	65	67			13
14	20081	.015	.28	.01	67	69			14
15	20082	.016	.18	.01	69	70.62			15
16	20083	.007	.09	.01	70.62	72.60			16
17	20084	.015	.34	.05	79.16	80.00			17
18									18
19									19
20									20

All reports are the confidential property of clients.

DATE SAMPLES RECEIVED Dec. 8, 1978

DATE REPORTS MAILED Dec. 11, 1978

ASSAYER

Dean Toy

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER

ACME ANALYTICAL LABORATORIES LTD.

To Twentieth Century Energy Corp.,
729 - 355 Burrard St.,
Vancouver, B. C.

Assaying & Trace Analysis

6455 Laurel Street * Burnaby, B.C. V5B 3B4

Telephone: 299-5242

File No. 8994

Type of Samples Cores

Disposition _____

ASSAY CERTIFICATE

DDH 78-2 3 of 4

3

No.	Sample	Total MoS ₂ %	Cu %	Ag oz/ton	metres			No.
					From	To		
1	20085	.008	.29	.04	80	82		1
2	20086	.033	.29	.05	82	84		2
3	20087	.010	.17	.01	84	86		3
4	20088	.011	.20	.02	86	88		4
5	20089	.011	.24	.03	88	90		5
6	20090	.016	.32	.06	90	92		6
7	20091	.014	.26	.04	92	94		7
8	20092	.013	.32	.04	94	96		8
9	20093	.013	.37	.04	96	98		9
10	20094	.011	.25	.04	98	100		10
11	20095	.027	.53	.05	100	102		11
12	20096	.015	.05	.01	102	103.3		12
13	20097	.010	.43	.06	104.67	106		13
14	20098	.010	.36	.05	106	108		14
15								15
16	28258	.009	.36	.03	108	110		16
17	28259	.009	.33	.04	110	112		17
18	28260	.009	.28	.03	112	114		18
19	28261	.019	.29	.01	114	116		19
20	28262	.008	.26	.01	116	118		20

All reports are the confidential property of clients.

DATE SAMPLES RECEIVED Dec. 8, 1978

DATE REPORTS MAILED Dec. 11, 1978

ASSAYER

Dean Toye

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER

ACME ANALYTICAL LABORATORIES LTD.

To **Twentieth Century Energy Corp.,**
 729 - 355 Burrard St.,
 Vancouver, B. C.

Assaying & Trace Analysis

6455 Laurel Street * Burnaby, B.C. V5B 3B4

Telephone: 299-5242

File No. 8994

Type of Samples Cores

Disposition _____

ASSAY CERTIFICATE

DDH 78-2
metres
4 of 4

4

No. %	Sample	Total MoS ₂ %	Cu %	oz/Ag ton	From To		No.
1	28263	.015	.25	.02	118	120	1
2	28264	.009	.28	.03	120	122	2
3	28265	.011	.33	.02	122	124	3
4	28266.	.005	.25	.02	124	126	4
5	28267	.010	.26	.04	126	128	5
6	28268	.004	.40	.04	128	130	6
7	28269	.008	.13	.01	130	132	7
8	28270	.017	.27	.04	132	134	8
9	28271	.032	.30	.04	134	136	9
10	28272	.012	.19	.03	136	138	10
11	28273	.011	.31	.03	138	140	11
12	28274	.013	.19	.01	140	142	12
13	28275	.024	.16	.02	142	144	13
14	28276	.015	.18	.01	144	146	14
15	28277	.012	.24	.01	146	148	15
16	28278	.020	.29	.02	148	149.62	16
17					<i>End of Hole 78-2</i>		17
18							18
19							19
20							20

All reports are the confidential property of clients.

DATE SAMPLES RECEIVED Dec. 8, 1978

DATE REPORTS MAILED Dec. 11, 1978

ASSAYER *Dean Toye*

DEAN TOYE, B.Sc.
 CHIEF CHEMIST
 CERTIFIED B.C. ASSAYER

ACME ANALYTICAL LABORATORIES LTD.

To Twentieth Century Energy Corp.,
729 - 355 Burrard St.,
Vancouver, B. C.

Assaying & Trace Analysis

6455 Laurel Street * Burnaby, B.C. V5B 3B4

Telephone: 299-5242

File No. 9003

Type of Samples Cores

Disposition 1 of 4

ASSAY CERTIFICATE

DDH 78-3

1 of 4

1

No.	Sample	Total MoS ₂ %	Cu %	Ag oz/ton	Zn %	Au oz/ton		No.
1	28279	.011	.58	.13		.0010		1
2	28280	.003	.12	.05		.0005		2
3	28281	.008	.45	.10		.0015		3
4	28282	.011	.35	.05		.0020		4
5	28283	.010	.37	.07		.0015		5
6	28284	.011	.38	.08	.01	.0010		6
7	28285	.012	.33	.06		.0005		7
8	28286	.012	.29	.08		.0020		8
9	28287	.012	.48	.08		.0025		9
10	28288	.006	.35	.07		.0020		10
11	28289	.013	.39	.09		.0020		11
12	28290	.014	.59	.09		.0010		12
13	28291	.012	.54	.12		.0010		13
14	28292	.009	.38	.10		.0010		14
15	28293	.008	.35	.04		.0010		15
16	28294	.006	.24	.02		.0020		16
17	28295	.009	.29	.06		.0020		17
18	28296	.014	.32	.07		.0025		18
19	28297	.017	.41	.08		.0035		19
20								20

All reports are the confidential property of clients.

DATE SAMPLES RECEIVED Dec. 15, 1978

DATE REPORTS MAILED Dec. 20, 1978

ASSAYER

Dean Toye

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER

ACME ANALYTICAL LABORATORIES LTD.

To Twentieth Century Energy Corp.

Assaying & Trace Analysis

Telephone: 299-5242

6455 Laurel Street * Burnaby, B.C. V5B 3B4

File No. 9003

ASSAY CERTIFICATE

Type of Samples Cores

Disposition _____

DDH 78-3

2 of 4

2

No.	Sample	Total MoS ₂ %	Cu %	Ag oz/ton	Au oz/ton	No.
1	28296	.028	.27	.05	.0015	1
2	28299	.016	.45	.11	.0005	2
3	28300	.012	.41	.10	.0005	3
4						4
5	23001	.013	.25	.07	.0005	5
6	23002	.014	.22	.07	.0005	6
7	23003	.012	.28	.06	.0005	7
8	23004	.021	.29	.06	.0005	8
9	23005	.013	.13	.04	.0010	9
10	23006	.021	.24	.04	.0005	10
11	23007	.028	.19	.03	.0010	11
12	23008	.014	.34	.04	.0020	12
13	23009	.009	.27	.03	.0010	13
14	23010	.009	.20	.04	.0005	14
15	23011	.010	.17	.07	.0005	15
16	23012	.010	.22	.05	.0010	16
17	23013	.012	.27	.03	.0010	17
18	23014	.012	.23	.04	.0005	18
19	23015	.014	.18	.02	.0010	19
20						20

All reports are the confidential property of clients.

DATE SAMPLES RECEIVED Dec. 15, 1978

DATE REPORTS MAILED Dec. 20, 1978

ASSAYER

Dean Toy

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER

ACME ANALYTICAL LABORATORIES LTD.

To Twentieth Century Energy Corp.

Assaying & Trace Analysis

Telephone: 299-5242

6455 Laurel Street * Burnaby, B.C. V5B 3B4

File No. 9003

ASSAY CERTIFICATE

Type of Samples Cores

Disposition 3 of 4

DDH 78-3

3

No.	Sample	Total MoS ₂ %	Cu %	Ag oz/ton	Au oz/ton	No.
1	23016	.017	.27	.06	.0050	1
2	23017	.012	.31	.07	.0050	2
3	23018	.011	.44	.06	.0025	3
4	23019	.019	.26	.04	.0030	4
5	23020	.015	.29	.05	.0030	5
6	23021	.013	.29	.06	.0020	6
7	23022	.015	.19	.05	.0030	7
8	23023	.015	.35	.06	.0020	8
9	23024	.011	.34	.06	.0035	9
10	23025	.015	.34	.05	.0040	10
11	23026	.015	.42	.06	.0075	11
12	23027	.011	.29	.07	.0030	12
13	23028	.015	.35	.05	.0040	13
14	23029	.021	.34	.07	.0015	14
15	23030	.014	.48	.08	.0050	15
16	23031	.015	.35	.07	.0045	16
17	23032	.012	.40	.03	.0035	17
18	23033	.014	.29	.06	.0020	18
19	23034	.028	.48	.09	.0020	19
20	23035	.023	.19	.04	.0010	20

All reports are the confidential property of clients.

DATE SAMPLES RECEIVED Dec. 15, 1978

DATE REPORTS MAILED Dec. 20, 1978

ASSAYER

Dean Toy

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER

ACME ANALYTICAL LABORATORIES LTD.

To Twentieth Century Energy Corp.

Assaying & Trace Analysis

Telephone: 299-5242

6455 Laurel Street * Burnaby, B.C. V5B 3B4

File No. 9003

Type of Samples Cores

Disposition _____

ASSAY CERTIFICATE

DDH 78-3 4 of 4

4

No.	Sample	Total MoS ₂ %	Cu %	Ag oz/ton	Au oz/ton		No.
1	23036	.016	.33	.05	.0010		1
2	23037	.015	.29	.06	.0015		2
3	23038	.015	.26	.07	.0005		3
4	23039	.017	.40	.07	.0010		4
5	23040	.007	.43	.09	.0005		5
6	23041	.013	.36	.06	.0010		6
7	23042	.013	.27	.07	.0010		7
8	23043	.001	.02	.05	.0010		8
9	23044	.008	.77	.12	.0015		9
10	23045	.009	.39	.06	.0015		10
11	23046	.017	.34	.06	.0010		11
12	23047	.008	.41	.06	.0020		12
13	23048	.008	.41	.07	.0020		13
14	23049	.012	.28	.05	.0010		14
15	23050	.010	.33	.08	.0010		15
16							16
17							17
18							18
19							19
20							20

All reports are the confidential property of clients.

DATE SAMPLES RECEIVED Dec. 15, 1978

DATE REPORTS MAILED Dec. 20, 1978

ASSAYER

Dean Toy

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER

STATEMENT OF COSTS
RE DIAMOND DRILLING PROGRAM
20TH CENTURY ENERGY CORPORATION
DAYBREAK CLAIM
GAMBIER ISLAND, B. C.
NTS 92G/6,11

Diamond Drilling: Beaupre, D.D. Co. Princeton, B.C.	\$37,626.50
Transportation: O.K. Helicopters Vancouver Airport	4,164.83
Mercury Marine Horseshoe Bay	562.75
Labour, Cook, Tent Bldg., Clearing Trail & Helicopter Pad: R. Turner 40 days @ \$100/day	4,000.00
L. Zrmic 26 days @ \$100/day	2,600.00
Assaying: Acme Laboratories	2,175.00
Camp Supplies: Utensils, Food, Heat, etc., Chain Saws, Lumber	2,234.50
Engineering: A.F. Roberts Logs, Reports, etc.	9,033.00
TOTAL	\$62,396.58

A. F. ROBERTS, P.ENG.
CONSULTING MINING ENGINEER



DIAMOND DRILL LOG

COLLAR:—

LAT.
 DEP.
 ELEVATION
 AZIMUTH 315° 00'

DIP TEST		
FOOTAGE	ANGLE	
	READING	CORRECTED

PROPERTY DAYBREAK
 HOLE NO. 78-1
 COMMENCED November 16, 1978
 FINISHED November 20, 1978
 PURPOSE OF HOLE Geology and assays
 LOGGED BY: A.F. Roberts, P.Eng.

METERS	DESCRIPTION	CORE SAMPLES									
		SAMPLE NO.	XXXX	XX	XXXXX	XXXXX	WIDTH X ASSAY	SAMPLE NO.	FROM	TO	ASSAY
0 - 2.04	Casing	-	MoS ₂	Cu	Ag	Au					
2.04 - 3.60	Broken										
3.60 - 4.88	Quartz Diorite, Rusty fractures about every 0.66 m. 60°, 15°, 140° to core to 15.83 m.	2001	0.006	0.18							
4.88 - 6.4	Core has mottled appearance, dark green to black patches. This is an andesite breccia, with the andesite partly altered to chlorite. Chalcopyrite, and MoS ₂ occurring in quartz veining, and disseminated in the chloritic andesite as extremely fine grains. Pyrite occurs from fine grains to 2 - 3 mm cubes. Occasional pyrrhotite. Quartz content very high, with some veining in the fracture pattern.	2002	0.009	0.19							
6.4 - 8.24	As above, more andesite	2003	0.011	0.23							
8.24 - 9.75	As above	2004	0.005	0.26							
9.75 - 11.27	As above	2005	0.007	0.26							
11.27 - 12.79	As above 1/4" quartz vein, MoS ₂ along walls	2006	0.017	0.27							
12.79 - 14.31	As above	2007	0.014	0.26							
14.31 - 15.83	As above	2008	0.007	0.15							
15.83 - 17.35	1' lost core in fault, as above	2009	0.011	0.23							

MINERALS IDENTIFIED
7126

DIAMOND DRILL LOG

COLLAR:—

LAT.
 DEP.
 ELEVATION 315° 00'
 AZIMUTH

DIP TEST		
FOOTAGE	ANGLE	
	READING	CORRECTED

PROPERTY DAYBREAK
 HOLE NO. 78-1
 COMMENCED November 16, 1978
 FINISHED November 20, 1978
 PURPOSE OF HOLE Geology and assays
 LOGGED BY: A.F. Roberts, P.Eng.

METERS

FOOTAGE	DESCRIPTION	CORE SAMPLES						SAMPLE NO.	FROM	TO	ASSAY
		SAMPLE NO.	MoS ₂	Cu	Ag	Au	WIDTH X ASSAY				
17.35 - 18.87	As above	2010	0.012	0.22							
18.87 - 20.39	do.	2012	0.009	0.11							
20.39 - 22.01	do.	2013	0.013	0.18							
22.01 - 23.58	do.	2014	0.022	0.31							
23.58 - 25.10	do.	2015	0.015	0.34							
25.10 - 26.62	do.	2016	0.009	0.19							
26.62 - 28.14	do.	2017	0.015	0.27							
28.14 - 29.66	do.	2018	0.012	0.29							
29.66 - 31.18	do.	2019	0.015	0.29							
31.18 - 32.70	do.	2020	0.012	0.21							
32.70 - 34.22	do.	2021	0.017	0.26							
34.22 - 35.74	do.	2022	0.006	0.20							
35.74 - 36.66	do.	2023	0.285	0.32							
36.66 - 37.26	do. soft, altered. High moly. Some epidote	2024	0.011	0.22							
37.26 - 38.78	Back to andesite breccia, as usual	2025	0.016	0.29							
38.78 - 40.30	Back to slight epidote	2026	0.017	0.25							
40.30 - 41.82	As above, no epidote	2027	0.016	0.30							
41.82 - 43.34	As above	2028	0.022	0.10							

DIAMOND DRILL LOG

COLLAR:—

LAT.
 DEP.
 ELEVATION
 AZIMUTH 315 °00'

DIP TEST		
FOOTAGE	ANGLE	
	READING	CORRECTED

PROPERTY Daybreak
 HOLE NO. 78-1
 COMMENCED November 16, 1978
 FINISHED November 20, 1978
 PURPOSE OF HOLE Geology and assays
 LOGGED BY: A.F. Roberts, P.Eng.

METERS

FOOTAGE	DESCRIPTION	CORE SAMPLES						SAMPLE NO.	FROM	TO	ASSAY
		SAMPLE NO.	MoS ₂	Cu	Ag	Au	WIDTH X ASSAY				
69.18 - 70.70	As above but more like a quartz diorite	2045	0.028	0.25	0.03						
70.70 - 72.22	As above	2046	0.017	0.23	0.002						
72.72 - 73.74	As above	2047	0.020	0.34	0.007						
	End of hole										
	Recovery 100%										
	Composites										
		2001 - 2005			0.03	0.001					
		2006 - 2010			0.04	0.001					
		2011 - 2015			0.03	0.001					
		2016 - 2020			0.01	0.001					
		2021 - 2025			0.05	0.003					
		2026 - 2028			0.01	0.005					

DIAMOND DRILL LOG

COLLAR:—

LAT. _____
 DEP. _____
 ELEVATION Approx. 500' ASL
 AZIMUTH 0°

DIP TEST		
FOOTAGE	ANGLE	
	READING	CORRECTED

PROPERTY DAYBREAK CLAIM (20TH CENTURY ENERGY CORP.)
 HOLE NO. 78-2
 COMMENCED December 1, 1978
 FINISHED December 2, 1978
 PURPOSE OF HOLE Geology and Assays
 LOGGED BY: AFR

FOOTAGE Metres	DESCRIPTION	CORE SAMPLES									
		SAMPLE NO.	FROM	TO	WIDTH Meters	MoS ₂	Cu	Ag	FROM	TO	ASSAY
0 - 1.83	Casing	-				.006	.19	.03			
1.83 - 4.29	Andesite Breccia	20048	1.83	3.83	2	.003	.23	.05			
4.29 - 5.49	Pale Green Andesite Porphyry, massive	20049	3.83	5.83	2	.015	.22	.02			
	No mineral observed	20050	5.83	7.83	2	.002	.05	.01			
5.49 - 8.38	Breccia, some epidote in stringers	20051	7.83	9.83		.001	.02	.01			
8.38 - 11.83	Greenish andesite, laced with 1mm quartz stringer										
	for first 50 cm, then more massive	20052	9.83	11.83	2	.001	.02	.01			
	Broken at 14.4 - 14.7					.001					
11.83 - 15.4	As above, 10 cm fault after 15.4	20053	11.83	13.83	2	.002	.01	.01			
15.4 - 22.50	Almost black, massive andesite	20054	13.83	15.84	2.01	.001	.02	.01			
22.50 - 23.84	Back to breccia, heavy epidote at frozen	20055	15.84	17.84	2	.002	.01	.01			
	contact	20056	17.84	19.84	2	.001	.01	.03			
		20057	19.84	21.84	2	.001	.01	.02			
23.84 - 25.84	Breccia	20058	21.84	23.84	2	.014	.18	.02			
25.84 - 27.84	Breccia	20059	23.84	25.84	2	.012	.25	.02			
27.84 - 29.00	Breccia	20060	25.84	27.84	2	.020	.24	.04			
29.00 - 31.0	29.0-29.70 white quartz phenocrysts in sil. mass.	20061	27.84	29.00	2.16	.018	.14	.02			
31.0 - 33.0	Breccia	20062	29.0	31.0	2	.013	.16	.01			
		20063	31.0	33.0	2	.017	.23	.02			

7126

DIAMOND DRILL LOG

COLLAR:—

LAT.
 DEP.
 ELEVATION Approx. 500' ASL
 AZIMUTH 0°

DIP TEST		
FOOTAGE	ANGLE	
	READING	CORRECTED

PROPERTY DAYBREAK CLAIM (20TH CENTURY ENERGY CORP.)
 HOLE NO. 78-2
 COMMENCED December 1, 1978
 FINISHED December 2, 1978
 PURPOSE OF HOLE Geology and Assays
 LOGGED BY: AFR

FOOTAGE Metres	DESCRIPTION	CORE SAMPLES									
		SAMPLE NO.	FROM	TO	WIDTH Meters	MoS2	Cu	Ag	FROM	TO	ASSAY
33.0 - 35.0	As above - Breccia. At 3.3 m. 10 cm. soft with carbonate in quartz stringers. Sl. epidote	20064	33.0	35.0	2	.011	.19	.03			
35.0 - 37.0		20065	35.0	37.0	2	.009	.11	.03			
37.0 - 39.0	As above - Breccia, occ. epi. Short sec. mass. andesite	20066	37.0	39.0	2	.009	.19	.03			
39.0 - 41.0	do.	20067	39.0	41.0	2	.030	.72	.05			
41.0 - 43.0	do.	20068	41.0	43.0	2	.020	.24	.03			
43.0 - 45.0	Breccia 44.17 3 cm soft gouge 20° to core	20069	43.0	45.0	2	.036	.26	.04			
45.0 - 47.0	Breccia 46.16 30 cm broken, some epidote, gouge	20070	45.0	47.0	2	.037	.20	.03			
47.0 - 49.0	Breccia	20071	47.0	49.0	2	.013	.21	.03			
49.0 - 51.0	do.	20072	49.0	51.0	2	.020	.23	.05			
51.0 - 53.0	do.	20073	51.0	53.0	2	.013	.24	.01			
53.0 - 55.0	Breccia, lighter coloured, more quartz	20074	53.0	55.0	2	.014	.22	.02			
55.0 - 57.0	Breccia	20075	55.0	57.0	2	.017	.36	.08			
57.0 - 59.0	do.	20076	57.0	59.0	2	.014	.29	.06			
59.0 - 61.0	do.	20077	59.0	61.0	2	.016	.33	.06			
61.0 - 63.0	do.	20078	61.0	63.0	2	.009	.34	.03			
63.0 - 65.0	do.	20079	63.0	65.0	2	.016	.30	.04			
65.0 - 67.0	do.	20080	65.0	67.0	2	.011	.25	.02			
67.0 - 69.0	do.	20081	67.0	69.0	2	.015	.28	.01			

DIAMOND DRILL LOG

COLLAR:—

LAT.
 DEP.
 ELEVATION Approx. 500' ASL
 AZIMUTH 0°

DIP TEST		
FOOTAGE	ANGLE	
	READING	CORRECTED

PROPERTY DAYBREAK CLAIM (20TH CENTURY ENERGY CORP.)
 HOLE NO. 78-2
 COMMENCED December 1, 1978
 FINISHED December 2, 1978
 PURPOSE OF HOLE Geology and Assays
 LOGGED BY: AFR

FOOTAGE Metres	DESCRIPTION	CORE SAMPLES									
		SAMPLE NO.	FROM	TO	WIDTH Metres	ASSAY MoS2	ASSAY Cu	ASSAY Ag	FROM	TO	ASSAY
104.67 - 106	Andesite breccia. Some epidote	20097	104.67	106	1.33	.010	.43	.06			
106 - 108	do. do.	20098	106	108	2	.010	.36	.05			
108 - 110	do. do.	28258	108	110	2	.009	.36	.03			
110 - 112	do. 8 cm, massive and,, qtz, epidote	28259	110	112	2	.009	.33	.04			
	Broken, crushed, no gouge. 112.86, 1/4" quartz carb. vein, @ 60° to core.										
112 - 114	Andesite breccia	28260	112	114	2	.009	.28	.03			
114 - 116	do.	28261	114	116	2	.019	.29	.01			
116 - 118	do.	28262	116	118	2	.008	.26	.01			
118 - 120	do.	28263	118	120	2	.015	.25	.02			
120 - 122	do.	28264	120	122	2	.009	.28	.03			
122 - 124	do.	28265	122	124	2	.011	.33	.02			
124 - 126	do.	28266	124	126	2	.005	.25	.02			
126 - 128	do.	28267	126	128	2	.010	.26	.04			
128 - 130	do.	28268	128	130	2	.004	.40	.04			
130 - 132	do.	28269	130	132	2	.008	.13	.01			
132 - 134	do.	28270	132	134	2	.017	.27	.04			
134 - 136	do. 134.60, 20 cm. quartz, carbonate epidote, 20° to core	28271	134	136	2	.032	.30	.04			

DIAMOND DRILL LOG

COLLAR:—

LAT.
 DEP.
 ELEVATION Approx. 475 ft. ASL
 AZIMUTH 0°

DIP TEST		
FOOTAGE	ANGLE	
	READING	CORRECTED

PROPERTY DAYBREAK (20TH CENTURY ENERGY CORP.)
 HOLE NO. 78-3
 COMMENCED December 9, 1978
 FINISHED December 15, 1978
 PURPOSE OF HOLE Geology & Assays
 LOGGED BY: AFR

FOOTAGE	DESCRIPTION	CORE SAMPLES									
		SAMPLE NO.	FROM	TO	WIDTH Metres	MoS2	Cu	Ag	FROM	TO	ASSAY
0. - 3.05	Casing										
3.05 - 13.40	Andesite, mostly massive, some porphyry. Some epidote in veining of quartz 9.53 - 9.83 Breccia. No sample										
13.40 - 14.00	Andesite breccia. Sharp contact @ 40° Somewhat broken along fracture planes.	23001	13.40	14.00	0.60	.013	.25	.07			
14 - 16	Andesite Breccia	23002	14	16	2	.014	.22	.07			
16 - 18	do. at 16.50 more carbonate Core broken up on 120° (Long.) axis very easily.	23003	16	18	2	.012	.28	.06			
18 - 20	Andesite Breccia	23004	18	20	2	.021	.29	.06			
20 - 22	do.	23005	20	22	2						
22 - 24	do. 50% broken, 23.42 to 45.12 Probable fault zone, slickensides, and very thin white carbonaceous gouge.	23006	22	24	2	.013	.13	.04			
24 - 26	Andesite Breccia	23007	24	26	2	.028	.19	.03			
26 - 28	do.	23008	26	28	2	.014	.34	.04			
28 - 30	do.	23009	28	30	2	.009	.27	.03			
30 - 33.5	do.	23010	30	33.5	3.5	.009	.20	.04			

7126

DIAMOND DRILL LOG

COLLAR:—

LAT.
 DEP.
 ELEVATION Approx. 475 ft. ASL
 AZIMUTH 0°

DIP TEST		
FOOTAGE	ANGLE	
	READING	CORRECTED

PROPERTY DAYBREAK (20TH CENTURY ENERGY CORP.)
 HOLE NO. 78-3
 COMMENCED December 9, 1978
 FINISHED December 15, 1978
 PURPOSE OF HOLE Geology & Assays
 LOGGED BY: AFR

FOOTAGE	DESCRIPTION	CORE SAMPLES									
		SAMPLE NO.	FROM	TO	WIDTH Metres	MoS2	Cu	Ag	FROM	TO	ASSAY
33.5 - 37.0	Andesite breccia. Broken	23011	33.5	37	3.5	.010	.17	.07			
37.0 - 39	do. do.	23012	37	39	2	.010	.22	.05			
39 - 41	do. do.	23013	39	41	2	.012	.27	.03			
41 - 43	do. do.	23014	41	43	2	.012	.23	.04			
43 - 45	do. do.	23015	43	45	2	.014	.18	.02			
45 - 47	do. Solid from here on.	23016	45	47	2	.017	.27	.06			
47 - 49	do.	23017	47	49	2	.012	.31	.07			
49 - 51	do.	23018	49	51	2	.011	.44	.06			
51 - 53	do.	23019	51	53	2	.019	.26	.04			
53 - 55	do.	23020	53	55	2	.015	.29	.05			
55 - 57	do.	23021	55	57	2	.013	.29	.06			
57 - 59	do.	23022	57	59	2	.015	.19	.05			
59 - 61	do.	23023	59	61	2	.015	.35	.06			
61 - 63	do.	23024	61	63	2	.011	.34	.06			
63 - 65	do.	23025	63	65	2	.015	.34	.05			
65 - 67	do. Broken Longitudinally with core	23026	65	67	2	.015	.42	.06			
	(120° fracture), slickensides, gouge. 66.77 - 67.27										
	Some good moly.										
67 - 69	Andesite breccia. 68.27 for 40 cm. Fractured & slickensides	23027	67	69	2	.011	.29	.07			

DIAMOND DRILL LOG

COLLAR:—

LAT.
 DEP.
 ELEVATION Approx. 475 ft. ASL
 AZIMUTH 0°

DIP TEST		
FOOTAGE	ANGLE	
	READING	CORRECTED

PROPERTY DAYBREAK (20TH CENTURY ENERGY CORP.)
 HOLE NO. 78-3
 COMMENCED December 9, 1978
 FINISHED December 15, 1978
 PURPOSE OF HOLE Geology & Assays
 LOGGED BY: AFR

FOOTAGE	DESCRIPTION	CORE SAMPLES									
		SAMPLE NO.	FROM	TO	WIDTH Metres	XXXXX MoS2	XXXXXXXXXX Cu	XXXXXXXXXX Ag	FROM	TO	ASSAY
69 - 71	Andesite breccia	23028	69	71	2	.015	.35	.05			
71 - 73	do.	23029	71	73	2	.021	.34	.07			
73 - 75	do.	23030	73	75	2	.014	.48	.08			
75 - 77	do.	23031	75	77	2	.015	.35	.07			
77 - 79	do.	23032	77	79	2	.012	.40	.03			
79 - 81	do.	23033	79	81	2	.014	.29	.06			
81 - 83	do. Broken, gouge, 81.53 - 81.70	23034	81	83	2	.028	.48	.09			
83 - 85	do.	23035	83	85	2	.023	.19	.04			
85 - 87	do. Broken, gouge, 85.17 - 85.25	23036	85	87	2	.016	.33	.05			
87 - 89	do.	23037	87	89	2	.015	.29	.06			
89 - 91	do. Broken, gouge, 90 - 91	23038	89	91	2	.015	.26	.07			
91 - 93	do.	23039	91	93	2	.017	.40	.07			
93 - 95	do.	23040	93	95	2	.007	.43	.09			
95 - 97	do.	23041	95	97	2	.013	.36	.06			
97 - 99	do	23042	97	99	2	.013	.27	.07			
99 - 99.57	75% massive andesite, minor Cu, pyr, pyrrhotite	23043	99	99.57	0.57	.001	.02	.05			
99.57 - 101	Andesite breccia	23044	99.57	101	1.43	.008	.77	.12			
101 - 103	Andesite breccia	23045	101	103	2	.009	.39	.06			

2

DIAMOND DRILL LOG

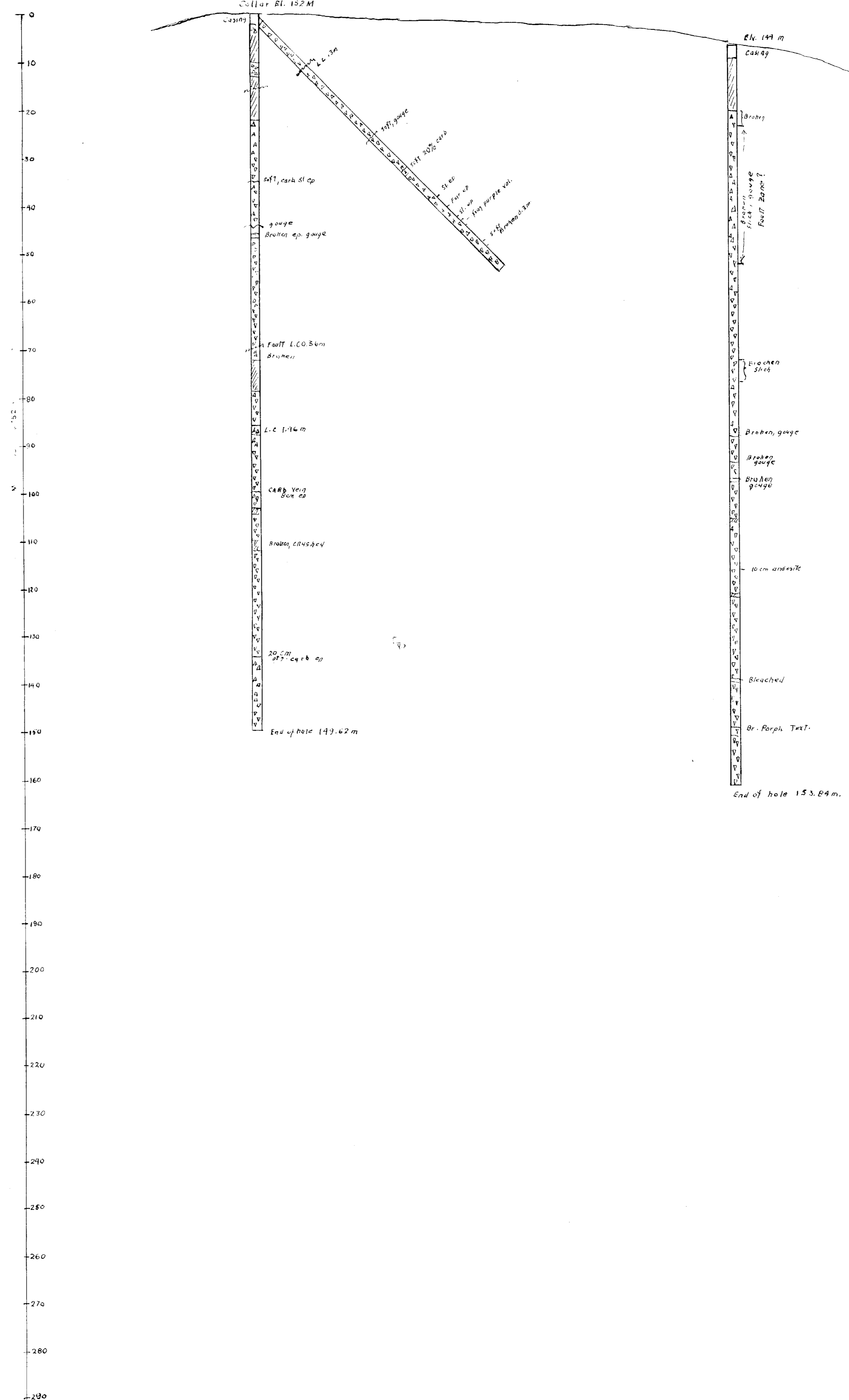
COLLAR:—

LAT.
 DEP.
 ELEVATION Approx. 475 ft. ASL
 AZIMUTH 0°

DIP TEST		
FOOTAGE	ANGLE	
	READING	CORRECTED

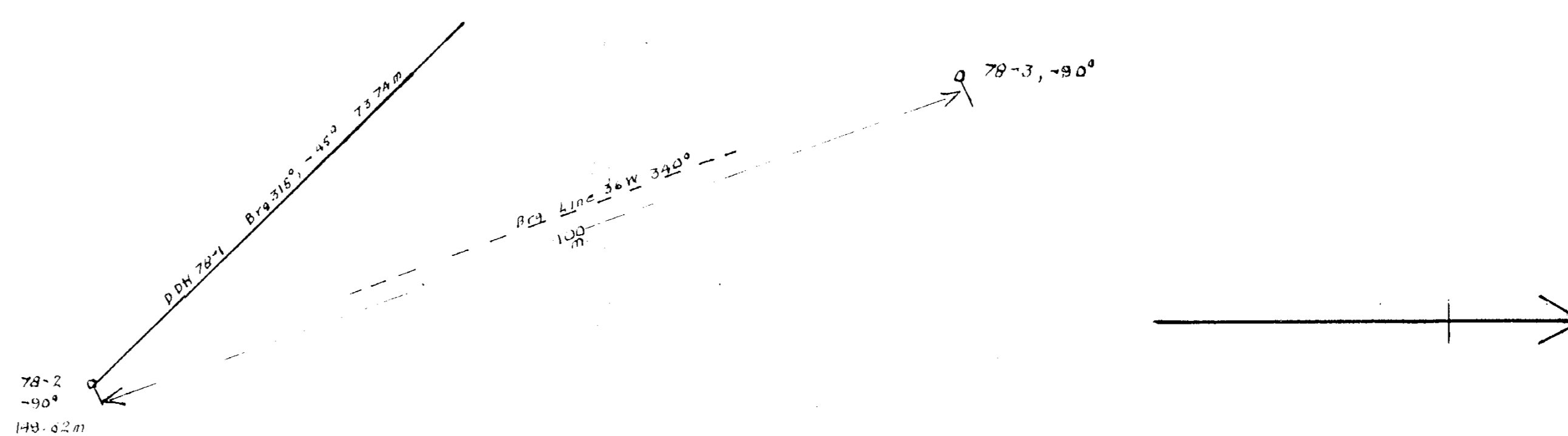
PROPERTY DAYBREAK (20TH CENTURY ENERGY CORP.)
 HOLE NO. 78 -3
 COMMENCED December 9, 1978
 FINISHED December 15, 1978
 PURPOSE OF HOLE Geology & Assays
 LOGGED BY: AFR

FOOTAGE	DESCRIPTION	CORE SAMPLES									
		SAMPLE NO.	FROM	TO	WIDTH Metres	MoS2	Cu	Ag	FROM	TO	ASSAY
103 - 105	Andesite breccia	23046	103	105	2	.017	.34	.06			
105 - 107	do.	23047	105	107	2	.008	.41	.06			
107 - 109	do.	23048	107	109	2	.008	.41	.07			
109 - 111	do. 110.50, 10 cm massive andesite	23049	109	111	2	.012	.28	.05			
111 - 113	do.	23050	111	113	2	.010	.33	.08			
113 - 115	do. Massive andesite 115.0 - 115.89	28279	113	115	2	.011	.58	.13			
	dark green, contacts sharp, frozen on 40° fracture										
	planes. Lower contact - 1 cm quartz vein. Strong Cu										
	on Upper contact with andesite. Much epidote throughout.										
115 - 115.89	Andesite - massive	28280	115	115.89	0.89	.003	.12	.05			
115.89 - 117	Breccia	28281	115.89	117	1.21	.008	.45	.10			
117 - 119	Breccia	28282	117	119	2	.011	.35	.05			
119 - 121	Breccia	28283	119	121	2	.010	.37	.07	Zn		
121 - 123	Breccia 122-125 90% quartz. Possibly less mineralization ?	28284	121	123	2	.011	.38	.08	(.01)		
123 - 125	Breccia	28285	123	125	2	.012	.33	.06			
125 - 127	Breccia	28286	125	127	2	.012	.29	.08			
127 - 129	Breccia	28287	127	129	2	.012	.48	.08			



SECTION

PLAN



LEGEND
 Biotite Δ
 Amphibole \parallel
 Fault \dashv
 Epidote \square
 Quartz \circ
 Carbonate ∇
 Lost Core A-G

20th CENTURY ENERGY CORP.
 VANCOUVER B.C.

GAMBIER ISLAND PROPERTY
 VANCOUVER B.C.

DRILL HOLE SECTION
 DDH 79-123

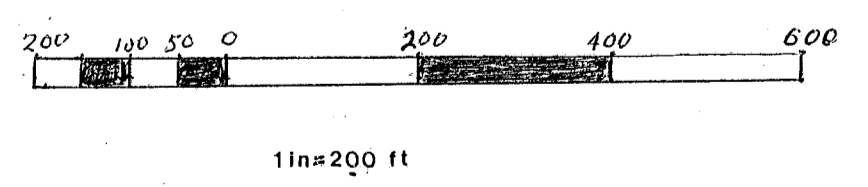
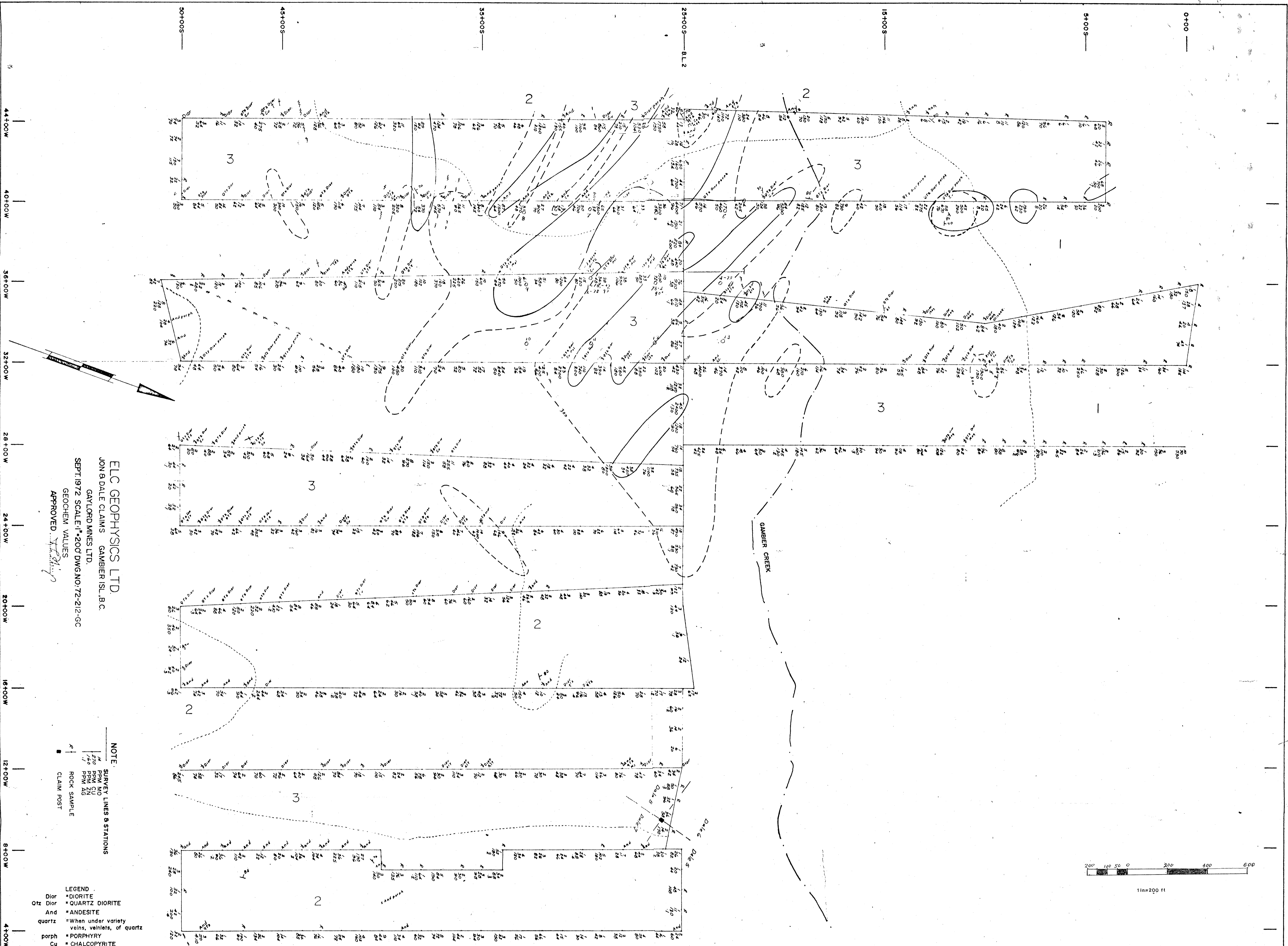


Drawn by
 Date Dec 31/1976
 Scale 1:500

See Accompany Report by A.F. Roberts P.Eng dated Dec 31 1976



7126



Dwg No G72/1

MINERAL RESOURCES BRANCH
7126
NO.

ELC GEOPHYSICS LTD.
JON & DALE CLAIMS GAMBIER ISL. B.C.
GAYLORD MINES LTD.
SEPT 1972 SCALE 1"=200' DWG NO. 72-212-GC
GEOCHEM VALUES
APPROVED *[Signature]*

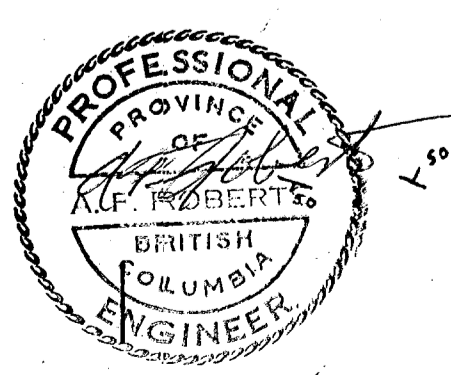
NOTE
SURVEY LINES & STATIONS
PPM NO. 1
PPM CU 2
PPM MO 3
ROCK SAMPLE
CLAIM POST

- LEGEND
- Dior = DIORITE
 - Qtz Dior = QUARTZ DIORITE
 - And = ANDESITE
 - quartz = When under variety veins, veinlets, of quartz
 - porph = PORPHYRY
 - Cu = CHALCOPYRITE
 - Mal = MALACHITE
 - Mag = MAGNETITE
 - + = Strike & Dip of Fracture
 - + = Vertical
 - - - = Assumed Fault
 - - - = Stream
 - - - = Assumed Contact
 - 1 = SED.
 - 2 = AND.
 - 3 = DIO.
 - - - = Cu ANOMALY (300 PPM)
 - - - = Mo ANOMALY
 - o = Proposed Drilling, o - DDH Completed

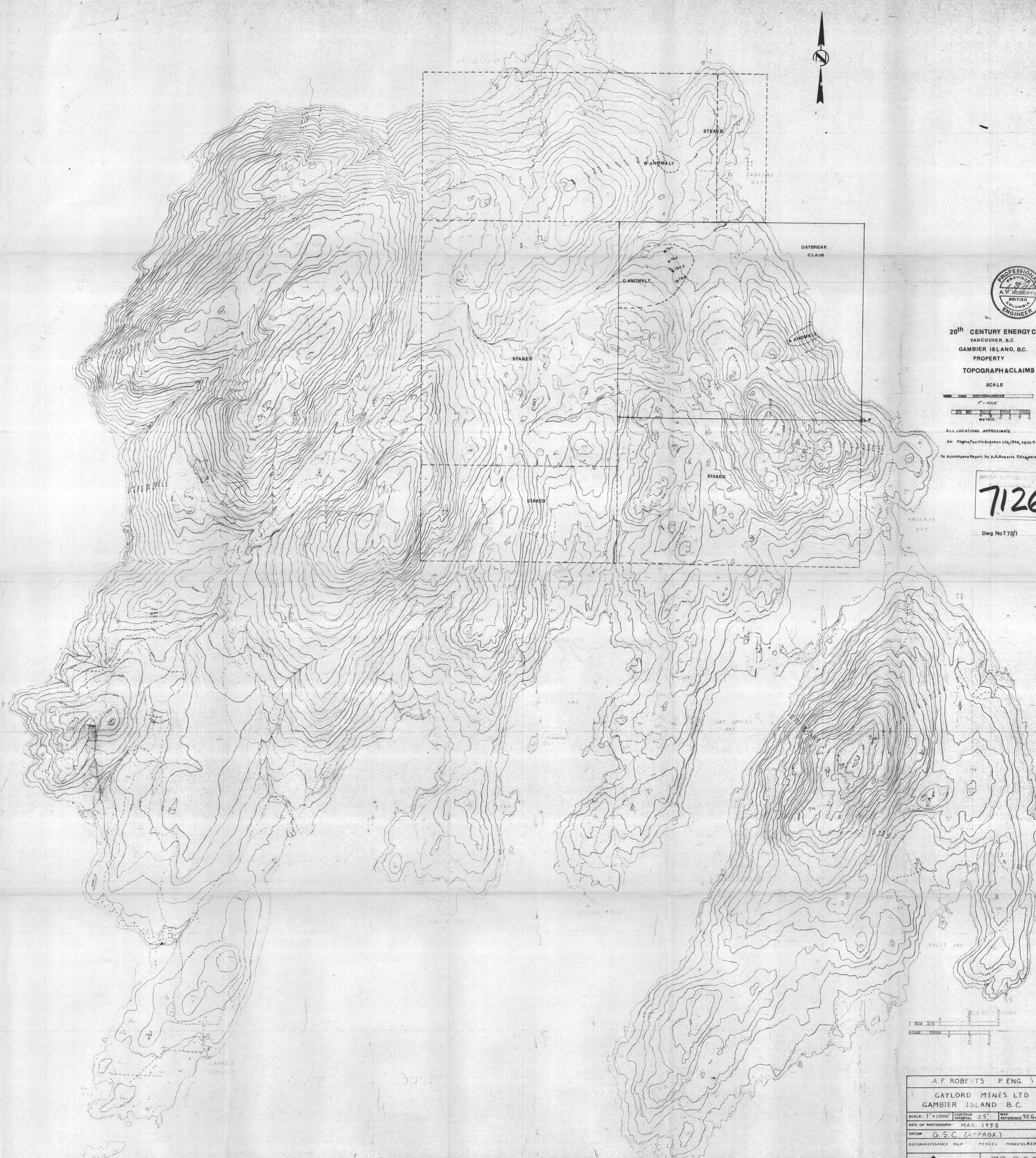
20TH CENTURY ENERGY CORPORATION
VANCOUVER, B.C.
GAMBIER ISLAND, B.C. PROPERTY

GEOLOGY with Cu & Mo ANOMALIES

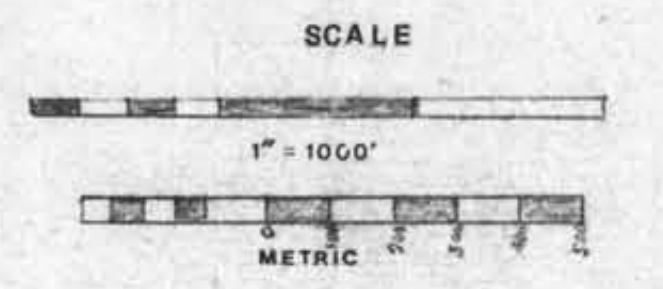
DRAWN BY - A.F.R.-ELC TRACED BY - RLR
SCALE: 1"=200' DATE - Oct. 2/72
SOURCE: Field Data & ELC GEOPHYSICS



To accompany report by A.F. Roberts - dated OCT. 2/72, and Feb. 10, 1978, No. 627, P. 78, 246.31, 1379



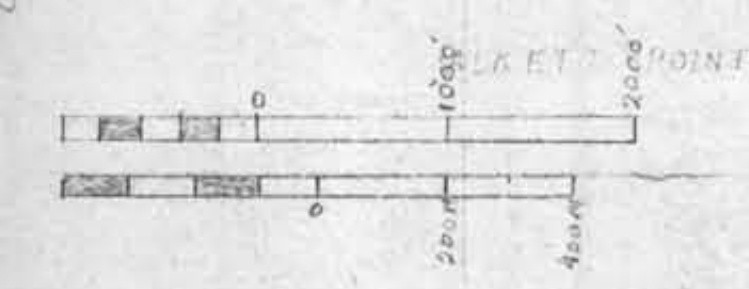
20th CENTURY ENERGY CORP.
VANCOUVER, B.C.
GAMBIER ISLAND, B.C.
PROPERTY
TOPOGRAPH & CLAIMS



ALL LOCATIONS APPROXIMATE
Air Photo Pacific Surveys Ltd, 1958, 2500 F.
To Accompany Report by A.F. Roberts Reengated Dec. 31, 1978.

7126

Dwg No T72/1



A.F. ROBERTS P. ENG.
GAYLORD MINES LTD.
GAMBIER ISLAND B.C.
SCALE: 1" = 7000' CONTOUR INTERVAL: 25' MAP REFERENCE: 92G/11W
DATE OF PHOTOGRAPHY: MAR. 1958
DATUM: G.S.C. (APPROX.)
RECONNAISSANCE MAP - PENCIL MANUSCRIPT
Lockwood Survey Corporation Ltd. 72-225