

ATTENTION	DEPARTMENT	
FROM	DATE	
Tim Coates	Hess OBY	
<u>General information</u>	SUBJECT	
	Sept. 27, 68	
		Bob Group; samples for rock-geochemistry

MESSAGE

The enclosed information regards samples collected by Tim Coates and Tom Adamson during the course of a three hour visit to the Bob Group, Sept. 26/68. Locations are indicated on the accompanying sketch.

- BRG-1 ----- green-gray, calcareous argillite, small qtz. veins
orange-brown weathered surface.
- BRG-2 ----- gray-green slaty argillite; not calcareous
- BRG-3 ----- gray chert
- BRG-4 ----- gray-black chert and minor graphitic argillite
- BRG-5 ----- gray-black chert
- BRG-6 ----- slaty gray argillite
- BRG-7 ----- slaty gray argillite
- BRG-8 ----- gray slate
- BRG-9 ----- gray slate
- BRG-10 ----- black chert, cherty carbonaceous argillite with
quartz-carbonate veinlets
- BRG-11 ----- pitted gray-black chert; minor argillite
- BRG-12 ----- gray slate
- BRG-13 ----- gray slate
- BRG-14 ----- black chert, cherty graphitic argillite
- BRG-15 ----- light gray chert
- BRG-16 ----- light gray to medium gray chert (low carbon content)
- BRG-17 ----- medium-grained carbonaceous quartzite; networks of
quartz-carbonate veinlets
- BRG-18 ----- vfg mafic dike; dark green
- BRG-19 ----- chert-pebble conglomerate
- BRG-20 ----- graphitic slate

In most cases, duplicate specimens have been collected for reference purposes.

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AREA CODE 604

ASSAYERS
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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM ATLAS EXPLORATION

REPORT NO.

15227

SAMPLE(S) OF

ROCK

RESULTS IN PARTS PER MILLION

	SAMPLE No	TOTAL C	Cu	Pb	Zn	Ag	Mn	Mo	Co
1	BRG 1	1007 33	20	15	45		2400	0.5	23
2	2	33	32	218	43		148	4.5	13
3	3	38	50	10	11		334	4.5	11
4	4	42	68	11	13		426	4.5	16
5	5	47	70	8	26		208	4.5	12
6	6	26	60	385	98		136	4.5	10
7	7	15	69	10	90		138	4.5	15
8	8	20	60	12	78		312	4.5	8
9	9	30	62	382	218		540	4.5	17
0	BRG 10	64	45	15	20		180	4.5	10
1	BRG 11	67	35	18	11		140	4.5	4
2	12	23	33	187	210		340	4.5	11
3	13	19	112	23	122		276	4.5	7
4	14	38	63	10	19		155	4.5	10
5	15	42	40	20	20		320	4.5	10
6	16	25	60	6	11		142	4.5	12
7	17	30	39	20	43		225	4.5	18
8	18	156	40	21	72		1060	4.5	38
9	19	47	18	10	8		119	4.5	11
0	BRG 20	21	32	20	113		185	4.5	21

MO Mo DETERMINED BY Zn-DITHIOL METHOD
Cu, Pb, Zn, Mn, Co DETERMINED BY A.A. ACCTLC

DATE Oct 15, 1968

SIGNED _____


DIVISION OF TECHNICAL SERVICE LABORATORIES

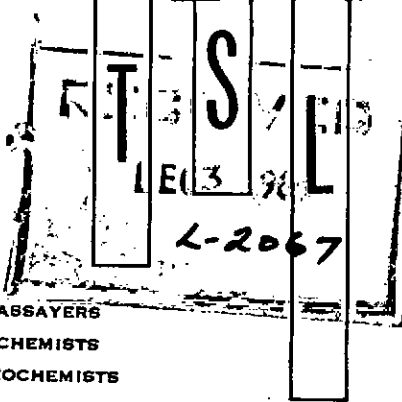


RESULTS...CONTINUED

<u>Sample No.</u>				<u>Manganese (Mn)</u> <u>ppm</u>
PC284	42	28	157	350
285	30	33	233	560
286	30	25	247	740
287	38	12	270	660
288	60	19	230	480
289	50	14	380	390
290	42	23	152	410
291	42	14	147	360
292	52	10	264	600

COAST ELDRIDGE


D. Timus
PROVINCIAL ASSAYER.



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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM ATLAS EXPLORATIONS

SAMPLE(S) OF ROCK Submitted on November

READ	0	ACT.
AEA		
REGD		
RETURNED:		
FILE:		
SEE ORDER FOR		
80MM 1968.		

REPORT NO.
V-5227

Sample No.	Carbon (TC)%	Sample No.	Carbon (TC)%
B.R.G.-1 <i>Grey green calc. arg.</i>	10.07	B.R.G.-11	0.67
B.R.G.-2 <i>Grey green silty arg.</i>	0.33	B.R.G.-12	0.23
B.R.G.-3 <i>gray dent</i>	0.38	B.R.G.-13	0.19
B.R.G.-4 <i>gray-blk. dent</i>	0.42	B.R.G.-14	0.38
B.R.G.-5	0.47	B.R.G.-15	0.42
B.R.G.-6	0.26	B.R.G.-16	0.25
B.R.G.-7	0.15	B.R.G.-17	0.30
B.R.G.-8	0.20	B.R.G.-18	1.56
B.R.G.-9	0.30	B.R.G.-19	0.47
B.R.G.-10	0.64	B.R.G.-20	0.21

DATE December 2, 1968.

SIGNED Ernest J. Oberstener

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TELEPHONE 688-3504

ASSAYERS
CHEMISTS
GEOCHEMISTS

DEC 1968

1-2067

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM ATLAS EXPLORATIONS

REPORT NO.

V-5227

SAMPLE(S) OF ROCK Submitted on November 8, 1968.

Sample No.	Graphitic Carbon (GC)%	Carbon Dioxide (CO ₂)%
B.R.G.-1	3.57	6.30
B.R.G.-10	0.27	0.27
B.R.G.-17	----	0.25

December 2, 1968.

DATE _____

SIGNED

Ernst J. Oberstemer



WARNOCK HERSEY
INTERNATIONAL LIMITED

COAST ELDRIDGE
PROFESSIONAL SERVICES DIVISION

125 East 4th Ave., Vancouver 10, B. C. Phone 876-4111 — Telex 04-50353

L-2031

REPORT OF: **Geochemical Analysis**

FILE NO: **3128**

AT **Vancouver Laboratory**

DATE **November 25, 1968**

PROJECT: **Soil Samples**

REPORT NO:

REPORTED TO: **Atlas Explorations Ltd.,
330 - 355 Burrard Street,
Vancouver. B.C.**

ORDER NO:

We have tested 190 samples of Soil submitted by you on November 12, 1968, and report as hereunder:

TEST PROCEDURE:

The samples were tested by the "Hot Extraction" Method.

RESULTS:

<u>Sample No.</u>	<u>COPPER (Cu)</u>	<u>Lead (Pb)</u>	<u>Zinc (Zn)</u>	<u>Manganese (Mn)</u>
		<u>ppm</u>		<u>ppm</u>
GS37	16	15	23	160
38	34	15	4	60
39	87	10	13	50
40	31	15	320	800
41	110	10	32	70
42	42	15	126	700
43	35	15	143	660
44	133	10	105	190
45	35	15	86	920
46	175	10	184	200
47	133	10	126	220
48	165	10	155	230
49	46	10	86	410
50	156	10	187	230
51	130	10	143	260
52	90	10	118	330
53	23	10	92	440
54	169	10	215	280
55	28	10	247	330
56	225	15	250	240

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RESULTS...CONTINUED

Sample No.	Copper(Cu)	Lead (Pb)	Zinc(Zn)	Manganese (Mn)
		ppm		ppm
GS57	245	10	350	300
58	40	10	330	280
59	42	10	330	200
65	38	10	270	300
60	38	10	178	220
61	30	15	204	230
62	28	15	320	300
63	45	15	340	280
64	30	10	290	280
PC67	18	10	590	350
68	8	10	630	310
69	10	15	245	970
70	13	10	320	660
71	ND	10	330	540
72	13	10	440	1600
73	63	10	62	310
74	30	5	360	720
75	23	10	330	330
76	2	15	79	300
77	15	10	280	620
78	9	10	270	600
79	31	10	430	560
80	23	10	190	1100
81	40	10	440	560
82	58	10	184	600
83	10	10	350	580
84	58	10	190	410
85	35	10	184	380
86	28	10	225	560
87	52	10	300	420
88	31	15	219	460
89	31	10	141	520
90	38	10	184	820
91	28	10	1386	360
92	25	10	1100	390
93	75	15	570	220
94	80	10	380	230
95	80	10	1230	440
96	31	10	270	520
97	34	10	680	500

RESULTS...CONTINUED

Sample No.	Copper (Cu)	Lead (Pb)	Zinc (Zn)	Manganese (Mn)
		ppm		ppm
PC98	31	5	330	200
99	2	10	102	460
100	28	10	400	500
101	30	10	470	720
102	30	10	168	440
103	30	10	420	620
104	38	10	340	440
105	55	15	620	580
106	38	10	620	520
107	75	10	2900	450
108	52	10	540	760
109	47	10	181	530
110	35	10	160	460
111	35	10	145	940
112	38	10	184	600
113	35	10	400	270
114	55	10	540	660
115	55	10	193	1000
116	55	10	350	1780
117	40	10	380	740
118	34	15	430	620
119	23	10	86	240
120	30	15	198	680
121	21	10	84	520
122	30	15	69	540
123	34	15	35	330
124	23	10	141	800
125	30	15	69	540
126	18	10	168	870
127	23	10	109	900
128	25	10	1870	920
129	21	10	181	1000
130	16	10	210	920
131	23	15	198	700
132	30	15	56	310
133	10	10	18	70
134	30	15	65	560
135	13	15	181	650
136	30	10	50	350
137	28	15	52	800

RESULTS...CONTINUED

Sample No.	Copper (Cu)	Lead (Pb)		Zinc (Zn)		Manganese (Mn)	
		ppm		ppm		ppm	
PC 138	18	15		38		160	
139	16	15		22		590	
140	9	15		193		740	
141	15	10		59		520	
142	38	10		150		360	
143	18	10		36		150	
144	38	15		92		70	
145	23	10		116		340	
146	28	10		141		550	
147	28	15		100		580	
148	16	10		59		610	
149	23	10		210		490	
150	460	10		420		860	
151	460	15		380		1400	
152	28	15		270		1360	
153	197	15		450		830	
154	213	15		440		1480	
155	162	10		490		1280	
156	40	10		420		900	
157	21	15		104		580	
158	67	10		300		80	
159	15	10		42		900	
160	55	10		360		420	
161	16	10		109		700	
162	34	10		250		530	
163	25	10		204		500	
164	30	10		143		760	
165	34	10		138		420	
166	31	10		247		460	
167	31	10		247		600	
168	15	15		121		740	
169	23	15		245		540	
171	23	10		233		320	
172	9	10		170		330	
173	16	10		201		440	
174	30	10		245		360	
175	18	15		242		450	
176	28	10		247		390	
177	28	15		247		530	
178	46	10		230		500	
				49			

← Discard these values

RESULTS...CONTINUED

Sample No.	COPPER (Cu)	Lead (Pb)	Zinc (Zn)	Manganese (Mn)
		ppm		ppm
PC179	46	10	49	90
181	28	15	235	450
182	30	15	215	500
183		10		300
184	25	15	54	220
185	28	10	212	600
186	182	15	242	320
187	58	15	198	330
188	70	10	230	530
189	72	10	228	500
190	23	10	44	330
191	166	15	178	380
192	42	10	270	680
193	45	10	247	700
199	45	5	270	1800
250	53	19	2010	1520
251	103	19	2500	970
252	78	19	1330	520
253	74	10	2450	320
254	63	16	1550	450
255	50	16	2010	560
258	42	5	1720	660
259	35	12	1570	680
260	42	8	970	440
261	35	12	118	460
262	35	12	178	560
264	45	8	260	1050
265	15	19	247	1100
266	56	14	650	580
267	30	22	172	450
268	40	12	450	660
269	31	10	420	600
270	35	14	250	420
271	45	12	250	390
272	34	8	520	680
274	42	5	430	870
276	38	5	215	500
277	34	5	510	760
279	34	8	247	410
283	28	33	157	310

Discard this set of values