

LOG NO: 0119	RD.
ACTION:	
FILE NO:	

GEOLOGICAL and GEOCHEMICAL PROGRESS REPORT

on the

MARBLE and HELPFUL CLAIMS

(Fame Grant #12000-P94)

NTS: 92J/3E, 92G/14E
VANCOUVER MINING DIVISION

Longitude: 123 05'
Latitude: 50 00'

FILMED

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JAN 17 1990
Gold Commissioner's Office
VANCOUVER, B.C.

By

J. Cuttle
December 23, 1989

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

19,571

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INTRODUCTION

Nine days during the month of June were spent prospecting, soil sampling and rock sampling the Marble 1, 3 and 4 claims with money obtained through prospectors grant #12000-P94. Work was conducted on three areas known as the Black Tusk Zone, the 6.5 Mile Zone and the Cu-Mo Zone all of which show indications of precious metal or base metal mineralization. A total of 89 soils and 22 rocks were taken over these areas and results of the rock sampling are positive. Further work is warranted.

LOCATION

The Marble Property is located 110 kilometres north of Vancouver and approximately 12 kilometres south of Whistler along highway #99. It occupies an area east of Daisy Lake between Cheakamus River and the Garibaldi Provincial Park. The claims are easily accessed by well maintained logging roads which may be found branching off the main highway north of the property at Callaghan Creek. The area itself is covered by a network of new and old logging roads some of which are presently being extended to the east while others are slowly being over grown by new tree growth.

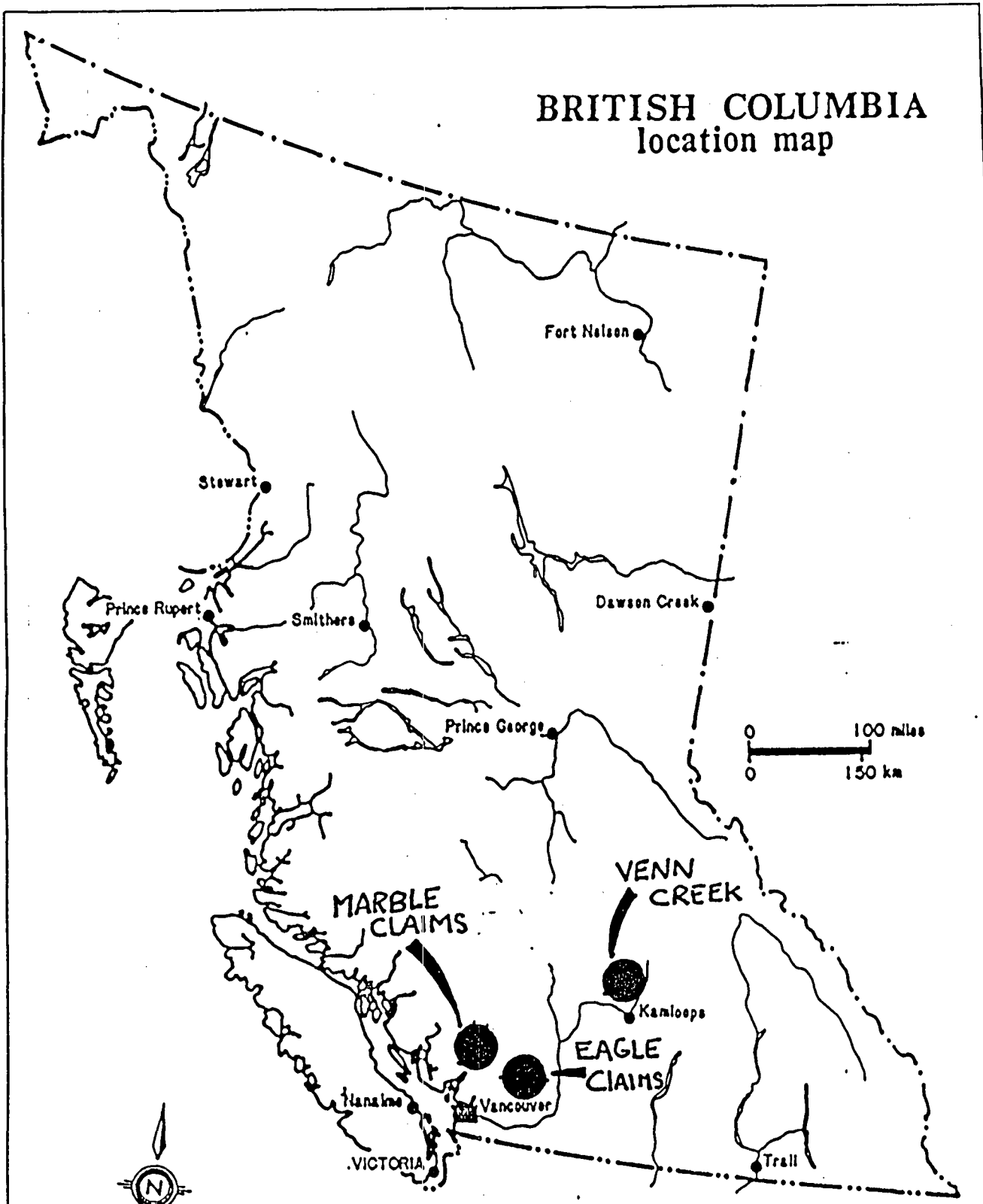
CLAIM STATUS

A total of 78 units (8 claims) make up the property. The small amount of work conducted during the 1989 field season is being applied to the Marble 1,3 and 4 claims and expiry dates with this work is as follows:

<u>Claim Name</u>	<u>Record #</u>	<u>Units</u>	<u>Expiry Date</u>
Marble 6	2240	4	Feb 22,1991
Marble 7	2242	10	Feb 22,1991
Marble 2	2086	3	Mar 11,1991
Marble 5	2113	12	Apr 14,1991
Helpful	2124	20	May 06,1991
Marble 1	2085	8	Mar 11,1992
Marble 3	2111	9	Apr 14,1992
Marble 4	2112	12	Apr 14,1992

** Vancouver Mining Division , NTS 92J/3E, 92G/14E **

BRITISH COLUMBIA location map

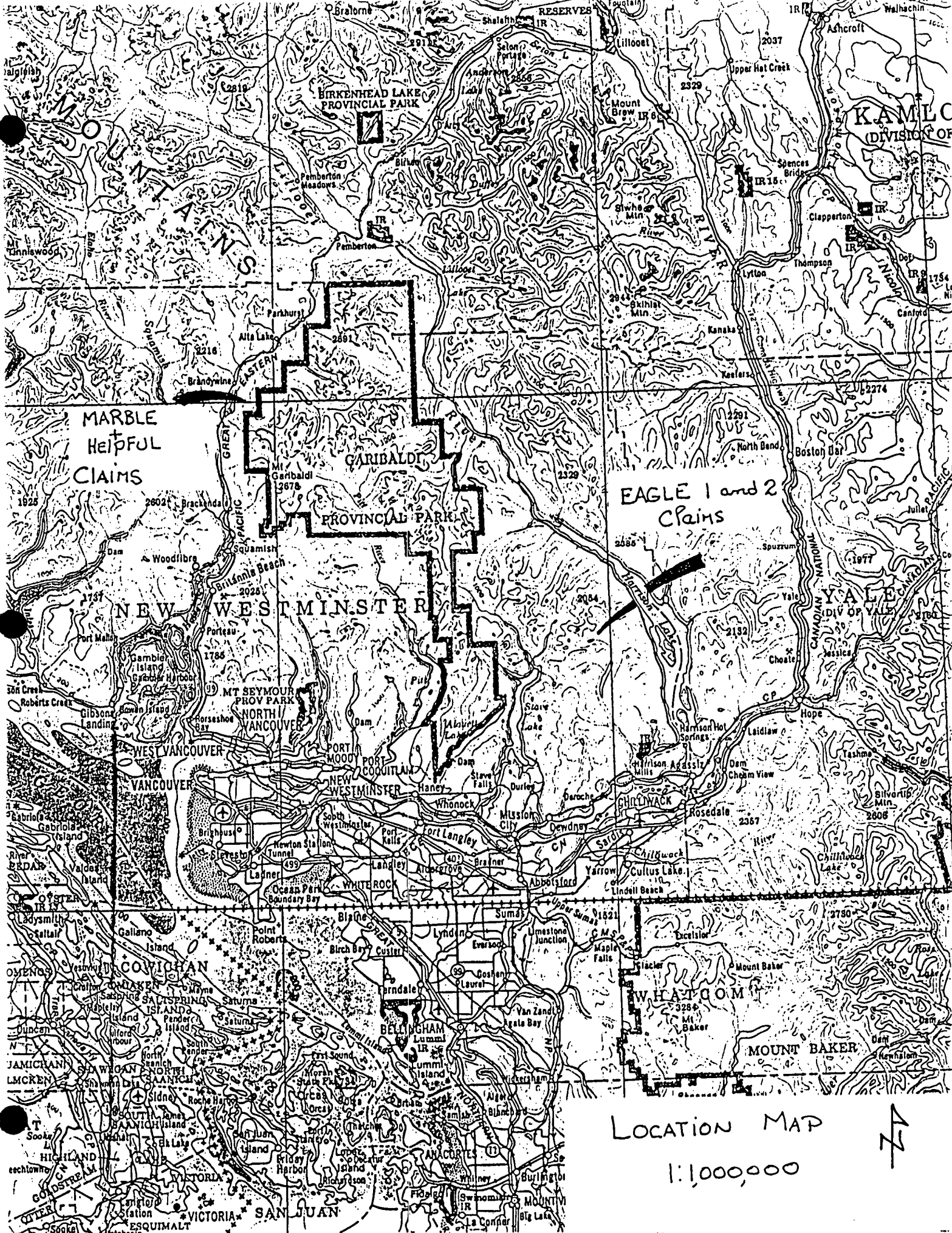


PROPERTY LOCATION

DATE:

SCALE: 1: 750,000

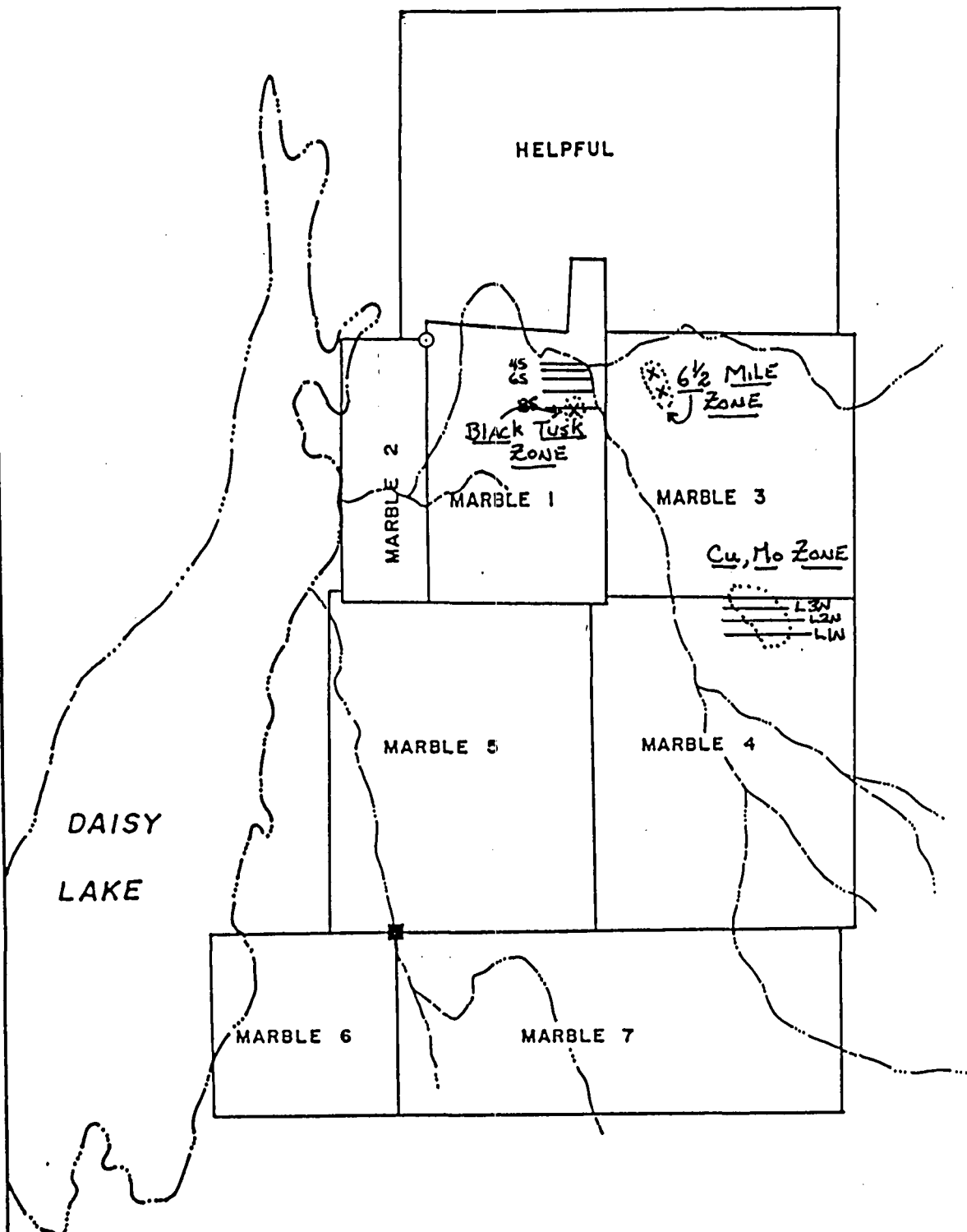
88-1



LOCATION MAP

1:1,000,000





GARIBALDI PROPERTY
CLAIM LOCATION MAP



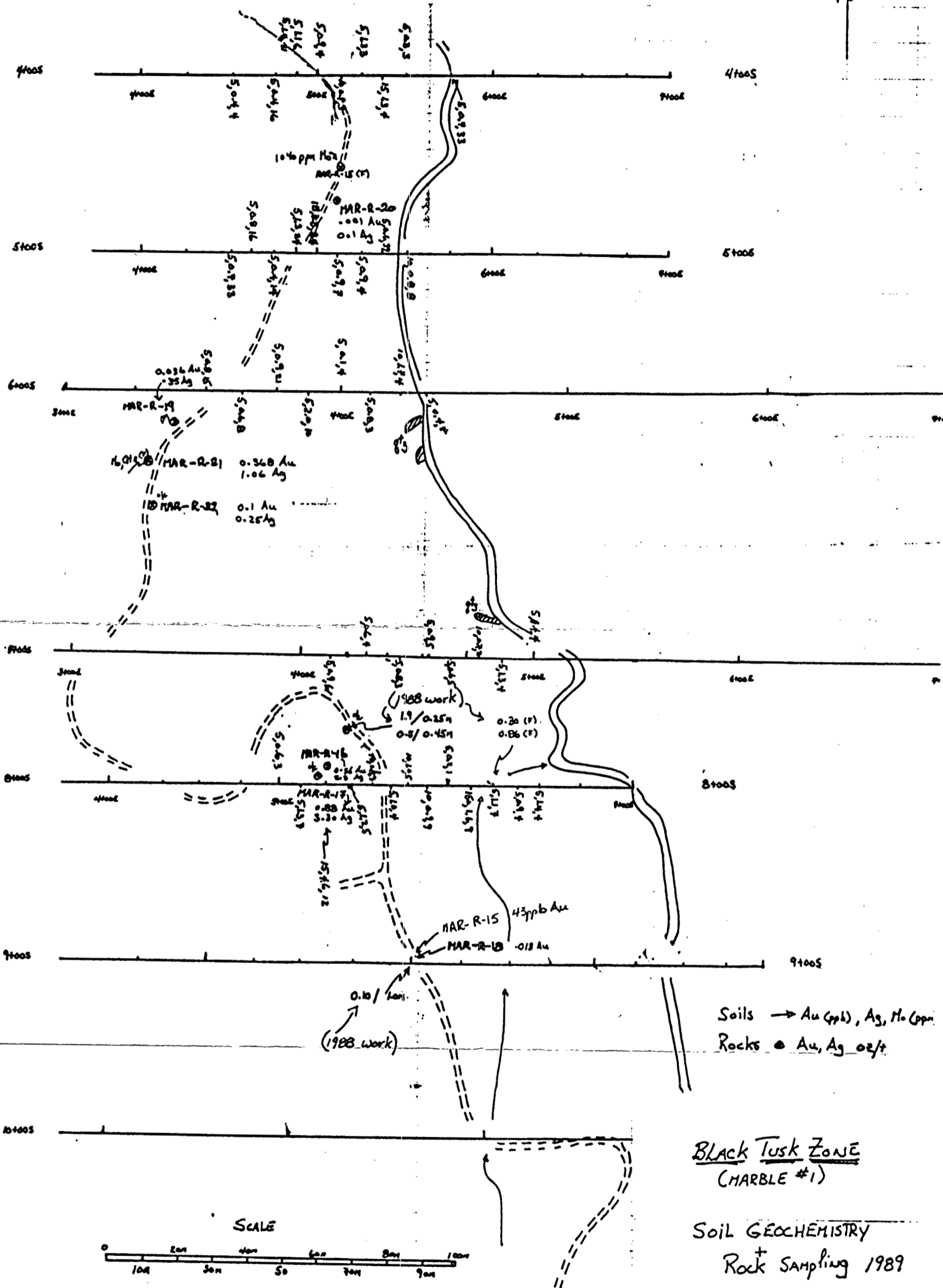
1989 FIELD WORK and RESULTS

Ground work was performed on three promising areas (2 Au, Ag and 1 Cu, Mo) that had been isolated during previous surveys on the property. Besides follow up on these areas selective prospecting along the Gambier Group volcanics, found in the western portion of the property, was conducted to isolate possible base metal mineralization.

Black Tusk Zone (Au, Ag)

New mineralization in sub outcrop was isolated during the 1989 field season. From previous maps by Bond Gold Canada this general area is located along a well maintained logging road at Mile 5.0 within a large forestry cut-over. The Black Tusk Zone and various other grab samples from this year can be located by Bond's reference grid from 1988. All samples taken are rusty and sugary quartz material originally rich in pyrite. Widths of these sub-outcrop areas may be as wide as 1.5 meters although further pitting and trenching are required to find their contacts with the host wall rock. All mineralized quartz vein material is located in quartz diorite of the Coast Range intrusives. Strike direction of these veins are thought to be east/west suggesting a tensional zone of formation although this fact remains unclear and will be tested in the future. Results of the rock sampling in the area are as follows:

		Au oz/t	Ag oz/t
Mar-R-15	Original BLACK TUSK Zone along (9S-5+15E) logging road. Grab sample of Mo rich qtz material rich in py.	43ppb	2.0ppm
Mar-R-16	Sub outcrop of new find. Rusty and pitted quartz material from vein approx 3 meters long and 1.5 ? meters wide.	0.56opt	2.3opt
Mar-R-17	Selective grab of all four exposures (7+85S-5+25E) of new find. Similar material to Mar-R-16.	0.88	3.3
Mar-R-18	Outcrop grab of coxcomb textured (9S-5+15E) qtz vein material at BLACK TUSK Zone.	0.013	0.05
Mar-R-19	Float near road north of BLACK TUSK (6+15S-3+40E) Sugary hematite rich qtz vein with banded pyrite, minor weathered surfaces.	0.036	0.35
Mar-R-20	Float along road of pyrite rich (4+70S-5+20E) siliceous intrusive. 10% py.	0.001	0.01
Mar-R-21	Float along road of rusty qtz vein (6+25S-3+25E) with weathered boxwork of py.	0.365	1.06
Mar-R-22	O/C grab of sugary qtz vein with (6+05S-3+25E) lenses of weathered py.	0.100	0.25

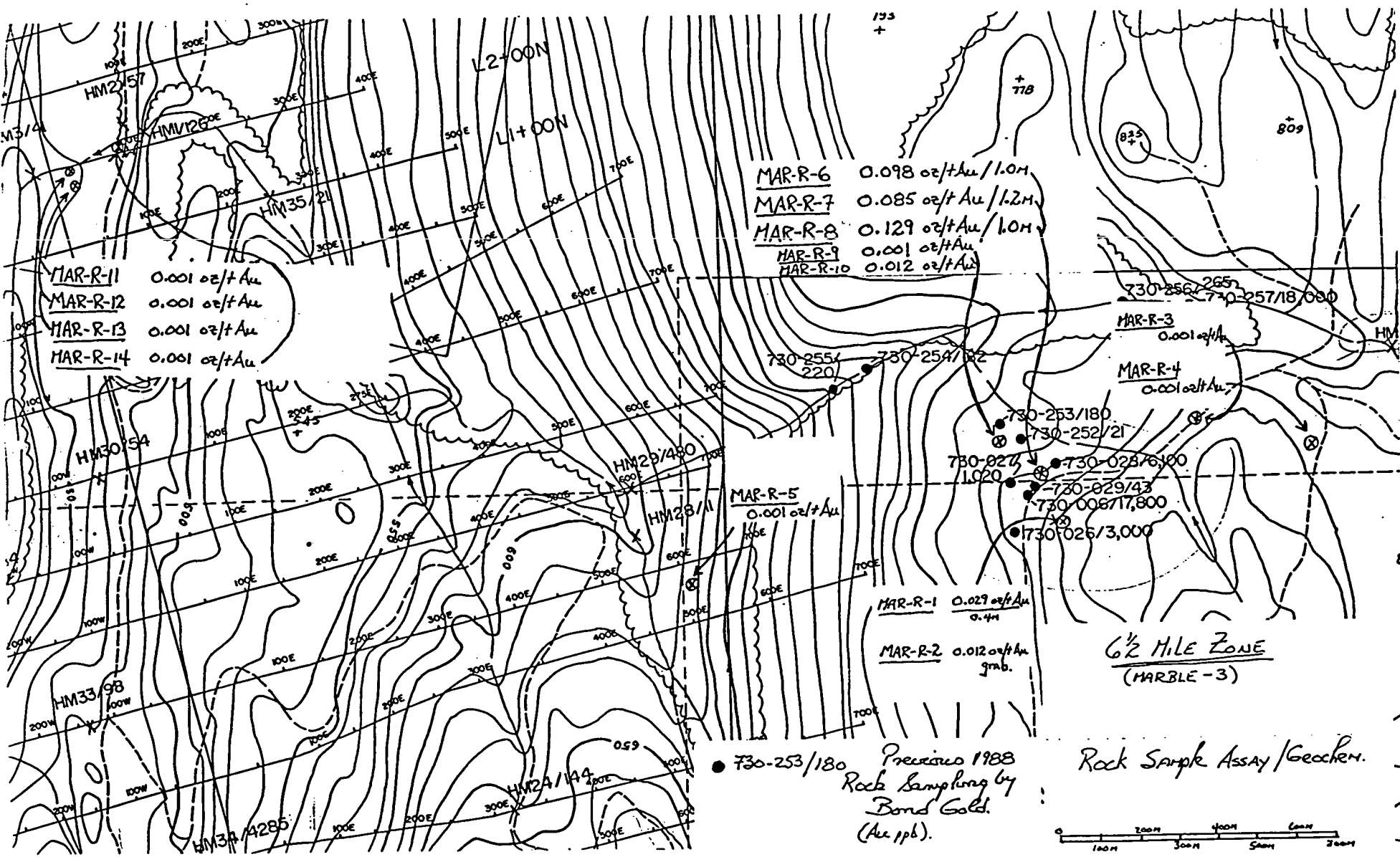


A geochemical soil program was also conducted over and to the north of the BLACK TUSK Zone. Approximately 48 soils were taken with a sample spacing of 12.5 meters along Bond Gold's 1988 grid. This survey covered an area of approximately 150 meters by 400 meters. The results were negative with all but one sample being 20ppb or less. At L-8+00S,6+12.5E an anomalous sample of 150ppb Au coincides with near by rock samples found during the 1988 field season. These rock samples assayed 0.30 oz/t Au and 0.86 oz/t Au. The new zone at L-8+00S,5+25E found by rock sampling the Black Tusk area indicated slightly anomalous Ag (4.6ppm) soil geochemistry but were only background in gold. The area remains to be tested by soil geochemistry to the south of the Black Tusk Zone.

6 1/2 Mile Zone (Au)

Like the name suggests this new zone found during the 1989 field season is six and a half miles along the main logging road found on the Marble #3 claim. Previous work by myself in 1987 and Bond Gold in 1988 had isolated several mineralized float samples of silicified intrusive and quartz material that are anomalous in gold. Encouraging results were obtained during 1989 when three exposures of a large quartz vein were uncovered by trenching and digging. This vein has been exposed intermittently over a distance of 200 meters and is anomalous in gold. It trends consistently from 162 to 167 degrees and dips steeply to the east and at times possibly to the west. The vein is creamy white quartz material, highly foliated along its strike and has minor rusty sulphide staining. These three zones of the vein located as follows:

		Au oz/t
Mar-R-1 (0+00N)	Chip sample over 0.40 meters	0.029 over 0.4m
Mar-R-2	Grab sample of qtz vein (parallel vein at 0+00N)	0.012 grab
Mar-R-6 (1+00N)	1.0 meter chip sample over sugary, limonitic, qtz vein with minor intrusive clasts. Pyrite as disseminations.	0.098 over 1.0m
Mar-R-7 (0+98N)	1.2 meter chip of similar vein as Mar-R-6. Lots of pervasive and stringer qtz.	0.085 over 1.2m
Mar-R-8 (1+08N)	1.0 meter chip of same vein	0.129 over 1.0m
Mar-R-9 (1+85N)	0.9 meter chip sample over north exposure of vein.	0.001 over 0.9m
Mar-R-10 (1+90N)	grab of rusty qtz vein	0.012 grab



MAR-R-11 0.001 oz/t Au
 MAR-R-12 0.001 oz/t Au
 MAR-R-13 0.001 oz/t Au
 MAR-R-14 0.001 oz/t Au

MAR-R-6 0.098 oz/t Au / 1.0M
 MAR-R-7 0.085 oz/t Au / 1.2M
 MAR-R-8 0.129 oz/t Au / 1.0M
 MAR-R-9 0.001 oz/t Au
 MAR-R-10 0.012 oz/t Au

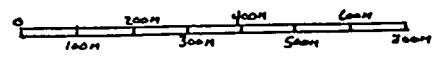
MAR-R-5 0.001 oz/t Au

MAR-R-1 0.029 oz/t Au
 0.4M

MAR-R-2 0.012 oz/t Au
 grab.

6 1/2 MILE ZONE
 (MARBLE-3)

● 730-253/180 Precious 1988
 Rock Sampling by
 Bond Gold.
 (Au ppb).

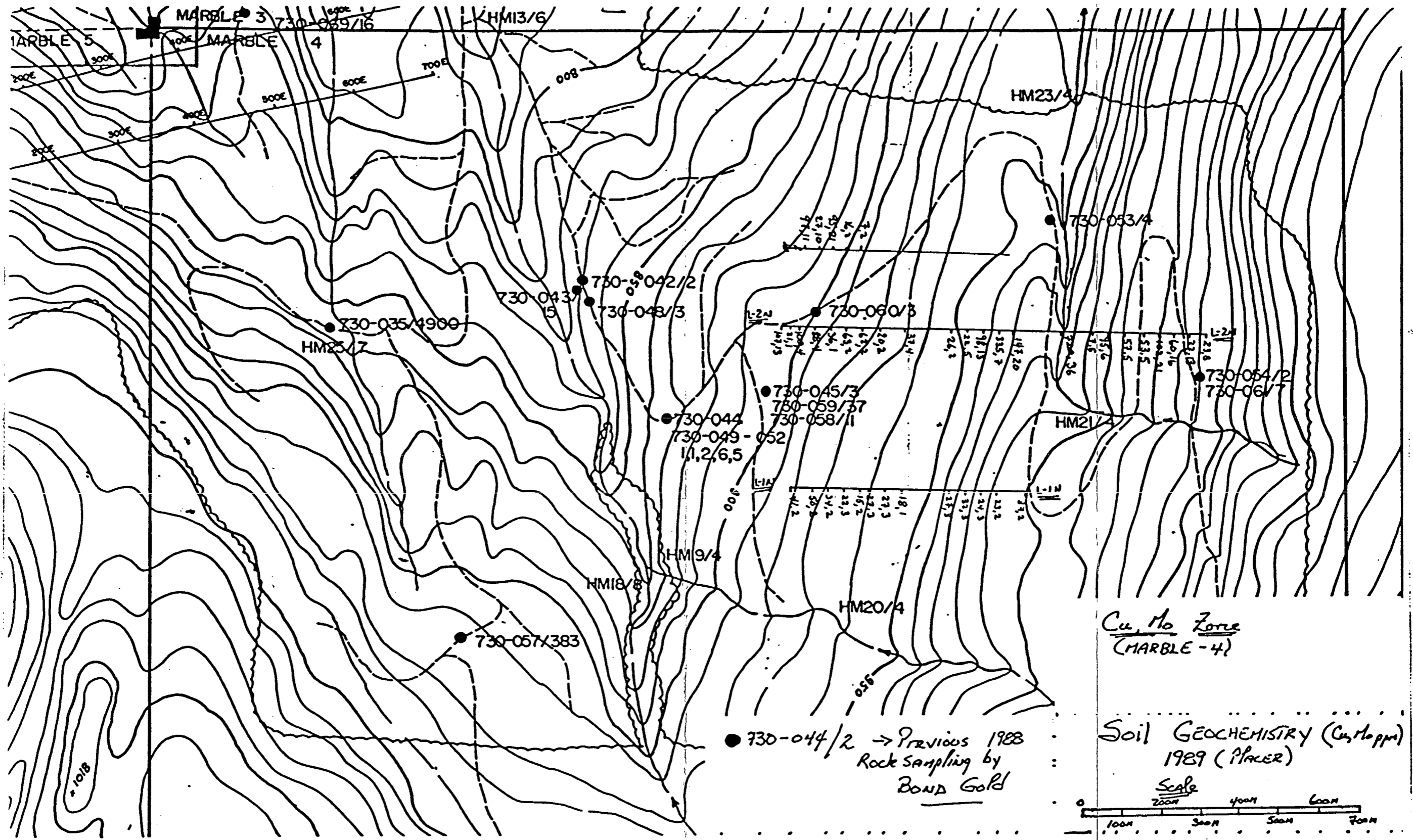


These samples at the 6 1/2 Mile Zone as well as those taken at the Black Tusk Zone have had assays all repeated from sampling done by Noranda during 1989. There is little difference between assay results.

Other rock sampling on the property was very negative. Samples Mar-3 and 4 found 500 meters to the east of the 6 1/2 Mile Zone, Mar-R-5 located 800 meters west of the 6 1/2 Mile Zone and Mar-R-11 to 14 located at approximately L-2+00N, B/L on the old Bond Gold grid all assayed 0.001 oz/t Au. Mar-R-5 was enriched in MoS₂ and showed similarities to the original Black Tusk Zone although is not anomalous in gold.

Cu Mo Anomaly (** not included as FAME GRANT Expense**)

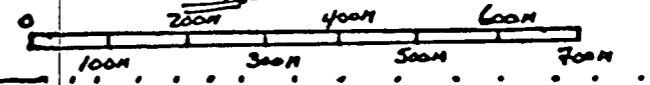
Forty one soil samples were taken by Placer Dome during the 1989 summer season to test a known Cu Mo soil anomaly for the presence of gold. This anomaly is located on Marble #4 and was first isolated in 1979 by previous owners of the claims. Assessment work has shown this area to be roughly ovoid in shape and strongly anomalous in both copper and molybdenum. Placer Dome's sampling did confirm the presence of anomalous copper/moly although results for gold are negative. Of the three reconnaissance soil lines run over the area and a total of 41 soils taken approximately 25% of the results are anomalous in both metals (Cu,Mo).



Cu, Mo Zone
(MARBLE-4)

Soil GEOCHEMISTRY (Cu, Mo ppm)
1989 (PLACER)

Scale



● 730-044/2 → PREVIOUS 1988
Rock Sampling by
BOND GOLD

CONCLUSION and RECOMMENDATIONS

Two areas of highly anomalous gold in quartz veins were found during the 1989 field season with the aid of monies received through a prospectors grant. These two areas known as the Black Tusk Zone and the 6 1/2 Mile Zone consist of highly weathered quartz vein material. The 6 1/2 Mile Zone is a northwesterly trending vein system averaging in width up to 1.2 meters and it outcrops in three areas over 180 meters of strike length. Hanging walls and foot walls have yet to be identified in these outcrop exposures and widths could very likely be larger. The Black Tusk Zone has numerous samples of sub outcrop of highly anomalous gold in rusty quartz veins. It is not known how wide these potential veins may be although numerous float samples do exist in a small circular area and the remainder of the area is covered by a blanket of soil and cut over debris.

These zones can easily be exposed by hand trenching, backhoe trenching or pressurized water pump. Both are considered targets that can be readily drill tested. If soil sampling is to be at all considered to locate these vein systems it is recommended a very small sample spacing be selected. Gold may not act as well as silver and molybdenum for their location.

APPENDIX 1

STATEMENT of COSTS

(** cost incurred by FAME GRANT and Placer Dome
during June 2,3,7,8,9,14,18,22,23,24)

<u>WAGES</u>	9 days @ \$300/day.....	2700
	1 day @ \$200/day.....	200
<u>TRUCK RENTAL</u>	10 days @ \$50/day.....	500
<u>ANALYSIS</u>	89 soil, 22 rock.....	1475
<u>FOOD/ACCOMMODATION</u>	9 nights.....	315
<u>FUEL and SUPPLIES</u>	300
<u>REPORT COMPILATION</u>	1 day and expenses.....	400
	TOTAL	\$5890

** to be applied to Marble 1,3 and 4 Claims

29 units @ \$200/unit = 5800

\$90 into Pac Account

APPENDIX 2



**MIN
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LABORATORIES**

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

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NORTH VANCOUVER, B.C. CANADA V7M 1T2
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TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

INVOICE

TO: CUTTLE, JIM

#82-1036 PREMIER ST.,
NORTH VANCOUVER, B.C.
V7J 2H2

INVOICE No 13755C
PAGE : 1 OF 1
DATE : Jun 16/89

ACCOUNT: 10675

ATTENTION: JIM CUTTLE
PROJECT: MARBLE

FILE No: 9-469

QTY DESCRIPTION	UNIT PRICE	AMOUNT
14 ASSAYS - AG AU	15.00	210.00
14 GEOCHEM - 31 ELEMENT TRACE ICP	7.00	98.00
14 ASSAY SAMPLE PREP	3.75	52.50
	* TOTAL *	360.50

THESE ARE PROFESSIONAL SERVICES AND ARE PAYABLE WHEN RENDERED.
OUTSTANDING BALANCES OVER 30 DAYS WILL BE CHARGED 2% INTEREST/MONTH.



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Assay Certificate

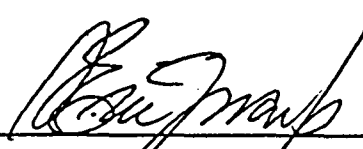
9V-0469-RA1

Company: J.CUTTLE
Project: MARBLE
Attn: J.CUTTLE

Date: JUN-15-89
Copy 1. J.CUTTLE, NORTH VANCOUVER, B.C.

We hereby certify the following Assay of 14 ROCK samples submitted JUN-10-89 by J.CUTTLE.

Sample Number	AU	AU	AG	AG	
	G/TONNE	OZ/TON	G/TONNE	OZ/TON	
MAR-R-1	1.00	.029	1.8	.05	- 6 1/2 Mile Zone 40cm chip
MAR-R-2	.41	.012	0.2	.01	- " " Grab of 95 7meters west of # MAR-R-1
MAR-R-3	.05	.001	0.3	.01	- Along road above 6 1/2 Mile = 100M
MAR-R-4	.01	.001	0.2	.01	- Above 6 1/2 Mile 500M - Breccia
MAR-R-5	.03	.001	0.6	.02	- Along to N of Black Tunk Zone near road
MAR-R-6	3.37	.098	1.9	.06	- 6 1/2 Mile 1 Meter chip 833 ✓
MAR-R-7	2.93	.085	0.7	.02	- " " 1.2 Meter chip 868 ✓
MAR-R-8	4.43	.129	0.2	.01	- " " 1.0 Meter chip 833 ✓
MAR-R-9	.01	.001	0.2	.01	- " " along south end of Breccia 0.9m ✓
MAR-R-10	.41	.012	1.5	.04	- " " grab 10M east of Mar-R-9
MAR-R-11	.01	.001	1.2	.04	- L-2100N - 0795E (MAIN Grid)
MAR-R-12	.03	.001	2.2	.06	- L 1795N 0795E " "
MAR-R-13	.01	.001	0.4	.01	- " " " " " "
MAR-R-14	.01	.001	0.2	.01	- L-2115N 0790E " "

Certified by 

MIN-EN LABORATORIES

COMPANY: J.CUTTLE
 PROJECT NO: MARBLE
 ATTENTION: J.CUTTLE

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

(ACT:F31) PAGE 1 OF 3
 FILE NO: 9/V/0469/R/J/001
 * TYPE ROCK GEOCHEM * DATE: 06-15-1989

(VALUES IN PPM)	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
MAR-R-1	1.4	460	11	1	13	.1	1	10	.2	2	3	7170
MAR-R-2	1.1	3870	13	1	24	.2	2	320	.2	6	7	18290
MAR-R-3	.3	140	5	1	3	.1	1	10	.2	3	12	6320
MAR-R-4	1.3	14000	26	1	80	.7	8	1610	.2	9	11	25350
MAR-R-5	.9	1270	17	6	8	.7	2	120	.2	28	285	58030
MAR-R-6	2.3	2000	13	1	37	.3	1	10	.2	5	13	18660
MAR-R-7	2.3	7080	10	1	89	.3	5	1960	.2	6	69	15840
MAR-R-8	1.1	4680	10	1	88	.2	4	580	.2	4	9	11130
MAR-R-9	.6	3360	16	1	47	.2	4	470	.2	5	36	10190
MAR-R-10	1.0	2090	8	1	24	.3	1	710	.2	6	13	23250
MAR-R-11	1.2	4320	9	1	75	.6	4	190	.2	5	23	41440
MAR-R-12	2.7	4310	11	1	84	.4	10	270	.2	5	98	39820
MAR-R-13	1.1	3640	12	1	64	.4	3	350	1.8	6	12	27350
MAR-R-14	.3	1550	10	1	12	.1	1	70	.2	3	2	5180

COMPANY: J.CUTTLE
PROJECT NO: MARBLE
ATTENTION: J.CUTTLE

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(ACT:F31) PAGE 2 OF 3
FILE NO: 9/V/0469/R/J/001

* TYPE ROCK GEOCHEM * DATE: 06-15-1989

(VALUES IN PPM)	K	LI	MG	MM	NO	NA	NI	P	PB	SB	SR	TH
MAR-R-1	330	1	80	23	1	40	1	60	8	1	1	1
MAR-R-2	630	1	2860	137	2	110	3	200	13	1	5	1
MAR-R-3	60	1	30	10	4	10	1	20	6	1	1	1
MAR-R-4	1300	7	10630	300	4	1100	9	830	36	4	14	2
MAR-R-5	270	1	470	28	492	70	1	80	12	1	4	1
MAR-R-6	690	1	420	46	8	180	1	150	6	1	2	1
MAR-R-7	2020	1	4070	194	5	300	5	620	29	3	7	1
MAR-R-8	1630	1	1860	61	2	280	3	280	8	1	5	1
MAR-R-9	1070	1	1610	67	9	360	4	190	13	1	5	1
MAR-R-10	410	1	680	35	10	200	1	160	29	1	9	1
MAR-R-11	2400	1	1990	73	9	310	1	600	35	1	10	1
MAR-R-12	1700	1	1540	41	83	150	1	470	63	1	5	1
MAR-R-13	1310	1	1710	127	16	200	1	170	88	1	4	1
MAR-R-14	580	1	180	79	4	70	3	100	10	1	2	1

COMPANY: J.CUTTLE
PROJECT NO: MARBLE
ATTENTION: J.CUTTLE

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(ACT:F31) PAGE 3 OF 3
FILE NO: 9/V/0469/R/J/001
* TYPE ROCK GEOCHEM * DATE: 06-15-1989

(VALUES IN PPM)	U	V	ZN	BA	SN	N	CR
MAR-R-1	1	3.3	4	1	1	1	192
MAR-R-2	1	11.4	21	2	1	2	192
MAR-R-3	1	1.2	3	1	1	1	133
MAR-R-4	1	69.4	37	9	2	3	148
MAR-R-5	1	7.4	14	1	1	2	207
MAR-R-6	1	8.7	8	1	1	1	186
MAR-R-7	1	18.5	24	3	2	1	139
MAR-R-8	1	16.9	14	1	1	2	176
MAR-R-9	1	13.4	12	1	1	4	252
MAR-R-10	1	21.7	8	1	1	1	146
MAR-R-11	1	8.8	19	2	1	1	123
MAR-R-12	1	9.6	21	2	1	1	179
MAR-R-13	1	5.7	122	1	1	2	195
MAR-R-14	1	3.5	13	1	1	1	186



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INVOICE

TO : CUTTLE, JIM
#82-1036 PREMIER ST.,
NORTH VANCOUVER, B.C.
V7J 2H2

INVOICE No 13831C
PAGE : 1 OF 1
DATE : Jun 22/89

ACCOUNT: 10675

ATTENTION: JIM CUTTLE
PROJECT: MARBLE

FILE No: 9-499

QTY DESCRIPTION	UNIT PRICE	AMOUNT
48 SOIL GEOCHEM - 6 ELEMENT TRACE ICP	5.00	240.00
48 SOIL GEOCHEM - AU WET	4.75	228.00
48 SOIL SAMPLE PREP	1.00	48.00
2 ROCK GEOCHEM - AU FIRE	7.25	14.50
2 ROCK GEOCHEM - AG MO	3.74	7.48
1 ASSAY - AU	8.50	8.50
2 ROCK SAMPLE PREP	3.00	6.00
	* TOTAL *	552.48

THESE ARE PROFESSIONAL SERVICES AND ARE PAYABLE WHEN RENDERED.
OUTSTANDING BALANCES OVER 30 DAYS WILL BE CHARGED 2% INTEREST/MONTH.



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P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Geochemical Analysis Certificate

9V-0499-RG1

Company: J.CUTTLE
Project: MARBLE
Attn: J.CUTTLE

Date: JUN-20-89
Copy 1. J.CUTTLE, NORTH VANCOUVER, B.C.

We hereby certify the following Geochemical Analysis of 2 ROCKS samples submitted JUN-16-89 by J.CUTTLE.

Sample Number	AG PPM	AU-FIRE PPB	MO PPM	
MAR-R-15	2.0	43	1040	— Black Tusk Zone 94005 44505 515E
MAR-R-16	81.0	17500	11	— " — L-71853 515E

Certified by

MIN-EN LABORATORIES

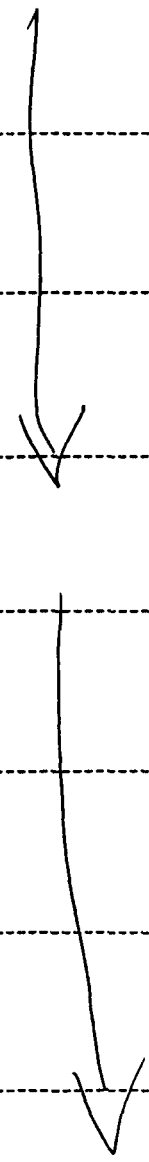
COMPANY: J.CUTTLE
 PROJECT NO: MARBLE
 ATTENTION: J.CUTTLE

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(ACT:F31) PAGE 1 OF 1
 FILE NO: 9-499S/P1+2
 * TYPE SOIL GEOCHEM * DATE: 06-22-1989

(VALUES IN PPM)	AG	AS	CU	MO	SB	SN	AU-PPB
L4+00S4+50E	.4	2	14	4	1	1	5
L4+00S4+75E	.4	4	40	16	2	1	5
L4+00S4+82.5E	1.1	4	25	6	2	1	5
L4+00S4+86.5E	1.4	7	17	11	4	2	5
L4+00S5+00E	.9	5	13	4	1	1	5
L4+00S5+12.5E	.9	3	13	3	1	1	10
L4+00S5+25E	1.3	1	18	3	1	1	5
L4+00S5+37.5E	1.3	8	17	4	1	1	15
L4+00S5+50E	.3	9	24	3	1	1	5
L5+00S4+50E	.7	1	42	33	1	1	5
L5+00S4+62.5E	.8	12	34	16	2	1	5
L5+00S4+75E	.4	1	11	14	1	1	5
L5+00S4+87.5E	1.3	1	54	24	1	1	5
L5+00S5+00E	.8	1	13	8	1	1	10
L5+00S5+12.5E	.9	1	58	7	1	1	5
L5+00S5+25E	.9	7	18	4	1	1	5
L5+00S5+37.5E	.6	10	47	39	1	1	5
L5+00S5+50E	.8	14	21	8	2	1	10
L6+00S3+50E	.8	9	78	15	1	1	5
L6+00S3+62.5E	.6	1	24	8	1	1	5
L6+00S3+75E	.9	5	12	21	2	1	5
L6+00S3+87.5E	2.0	12	7	10	3	1	5
L6+00S4+00E	1.0	2	24	4	1	1	5
L6+00S4+12.5E	.8	7	14	3	1	1	5
L6+00S4+25E	1.7	8	26	4	3	1	10
L6+00S4+37.5E	.4	8	14	4	1	1	5
L6+00S4+50E	.7	10	75	7	2	1	20
L7+00S4+12.5E	.9	16	15	6	3	1	5
L7+00S4+25E	.6	5	26	4	1	1	5
L7+00S4+37.5E	.8	4	12	3	2	1	5
L7+00S4+50E	.9	5	22	5	1	1	5
L7+00S4+62.5E	.6	2	10	5	1	1	5
L7+00S4+75E	.7	9	19	2	1	1	10
L7+00S4+87.5E	1.3	4	16	4	1	1	5
L7+00S5+00E	1.4	12	22	4	3	1	5
L8+00S5+00E	.6	8	10	3	1	1	5
L8+00S5+12.5E	1.3	4	21	7	2	1	10
L8+00S5+25E	4.6	5	25	12	2	1	15
L8+00S5+36.5E	1.2	5	27	5	1	1	5
L8+00S5+50E	.8	13	16	3	2	1	10
L8+00S5+62.5E	1.0	8	49	4	1	1	5
L8+00S5+75E	1.0	10	36	5	3	1	10
L8+00S5+87.5E	.9	6	32	9	3	1	10
L8+00S6+00E	.2	8	6	1	1	1	5
L8+00S6+12.5E	1.6	18	53	9	2	1	150
L8+00S6+25E	1.1	4	38	7	1	1	5
L8+00S6+37.5E	.9	12	20	4	1	1	5
L8+00S6+50E	1.4	17	15	4	2	1	5

All soils from over
 + North of Black Truck
Zone



B.S. ✓
 ✓
 B.S. *

12



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TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

INVOICE

TO : CUTTLE, JIM
#82-1036 PREMIER ST.,
NORTH VANCOUVER, B.C.
V7J 2H2

INVOICE No 13826C
PAGE : 1 OF 1
DATE : Jun 22/89
ACCOUNT: 10675

ATTENTION: JIM CUTTLE
PROJECT: MARBLE

FILE No: 9-515

QTY DESCRIPTION	UNIT PRICE	AMOUNT
6 ASSAYS - AG AU	15.00	90.00
6 ASSAYS - SAMPLE PREP	3.75	22.50
	* TOTAL *	112.50

THESE ARE PROFESSIONAL SERVICES AND ARE PAYABLE WHEN RENDERED.
OUTSTANDING BALANCES OVER 30 DAYS WILL BE CHARGED 2% INTEREST/MONTH.



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Assay Certificate

9V-0515-RA1

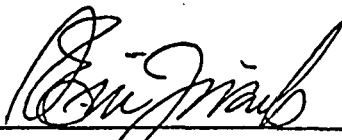
Company: JIM CUTTLE
Project: MARBLE
Attn: JIM CUTTLE

Date: JUN-22-89
Copy 1. JIM CUTTLE, NORTH VANCOUVER, B.C.

We hereby certify the following Assay of 6 ROCK samples
submitted JUN-19-89 by JIM CUTTLE.

Sample Number	AU G/TONNE	AU OZ/TON	AG G/TONNE	AG OZ/TON		
MAR-R-17	30.30	.884	113.0	3.30	- Black Turb	71855 5125E
MAR-R-18	0.44	.013	1.7	.05	" "	87755 3140E
MAR-R-19	1.22	.036	11.9	.35	" "	47705 5120E
MAR-R-20	0.01	.001	3.4	.10	" "	67255 3125E
MAR-R-21	12.62	.368	36.2	1.06	" "	
MAR-R-22	3.44	.100	8.5	.25	" "	204 up hill from MAR-R-21

Certified by



MIN-EN LABORATORIES

GRID	SAMPLE	PROJECT	Ag PPM	As PPM	Au1 PPB	Cu PPM	Mo PPM	Pb PPM	Zn PPM	
92J3	L1N	43+60✓	9136	<0.2	7	<5	37	2	7	65
92J3	L1N	44+40✓	9136	<0.2	6	<5	23	2	5	51
92J3	L1N	44+80✓	9136	0.2	5	<5	24	3	7	58
92J3	L1N	45+20✓	9136	0.4	4	<5	32	3	8	58
92J3	L1N	45+60	9136	<0.2	5	<5	27	3	7	62
92J3	L1N	46+80	9136	<0.2	<2	<5	18	1	6	50
92J3	L1N	47+20	9136	0.2	2	<5	27	3	8	53
92J3	L1N	47+80	9136	<0.2	12	<5	27	3	5	81
92J3	L1N	48+00	9136	<0.2	3	<5	15	2	6	62
test	STD	P1	9136	0.2	16	23	54	51	126	74
92J3	L1N	48+40	9136	<0.2	<2	<5	22	3	6	40
92J3	L1N	48+80	9136	0.2	6	<5	34	2	8	56
92J3	L1N	49+20	9136	<0.3	5	<5	50	2	6	30
92J3	L1N	49+60	9136	<0.2	<2	<5	41	2	5	30
92J3	L2N	39+20	9136	0.2	<2	<5	23	8	7	28
92J3	L2N	39+60	9136	0.4	<2	<5	22	13	6	63
92J3	L2N	40+00	9136	<0.2	<2	<5	60	16	6	62
92J3	L2N	40+40	9136	0.2	5	102	21	7	5	63
92J3	L2N	40+80	9136	<0.2	<2	<5	53	5	5	68
92J3	L2N	40+80*	9136	<0.2	2	<5	57	5	6	51
92J3	L2N	41+20	9136	0.2	3	<5	95	5	5	12
92J3	L2N	41+60	9136	<0.2	<2	<5	7	5	2	71
92J3	L2N	42+00	9136	0.6	3	100	720	36	7	72
92J3	L2N	42+80	9136	<0.2	2	<5	147	20	6	58
92J3	L2N	44+00	9136	<0.2	5	<5	335	7	5	51
92J3	L2N	44+40	9136	<0.2	<2	<5	98	13	5	50
92J3	L2N	44+80	9136	0.2	3	15	22	5	5	68
92J3	L2N	45+20	9136	0.2	<2	<5	26	2	6	60
92J3	L2N	45+60	9136	0.3	<2	10	37	4	7	70
92J3	L2N	45+60*	9136	0.3	<2	20	39	3	7	43
92J3	L2N	46+80	9136	<0.2	<2	<5	20	2	5	64
92J3	L2N	46+40	9136	<0.2	7	15	62	2	6	70
92J3	L2N	47+60	9136	0.2	3	10	63	2	6	65
92J3	L2N	48+00	9136	<0.2	4	<5	36	1	6	56
92J3	L2N	48+40	9136	<0.2	3	<5	88	4	10	63
92J3	L2N	48+80	9136	<0.2	3	10	100	4	11	21
92J3	L2N	49+20	9136	<0.2	7	<5	21	1	9	74
92J3	L2N	49+60	9136	0.2	2	<5	107	13	6	32
92J3	L2N	50+00	9136	0.2	6	<5	15	2	4	33
92J3	L2N	50+00*	9136	<0.2	5	<5	17	2	5	23
92J3	L3N	47+60	9136	0.3	<2	<5	7	2	5	35
92J3	L3N	48+00	9136	<0.2	<2	15	16	2	6	38
92J3	L3N	48+80	9136	<0.2	2	<5	95	21	8	34
92J3	L3N	49+20	9136	<0.2	<2	<5	27	10	7	58
92J3	L3N	49+45	9136	<0.2	<2	<5	97	11	5	58
92J3	L3N	49+45*	9136	<0.2	<2	<5	100	10	7	225
test	STD	AU4	9136							

(By Placer)

Cu Mo Anomaly

Marble #4

APPENDIX 3

Statement of Qualifications

I, Jim Cuttle, of the Municipality of North Vancouver, in the Province of British Columbia, certify as follows regarding the work performed on the MARBLE CLAIMS located in the Vancouver Mining Division.

I am a geologist having practiced my profession in Canada and Norway for the past nine years.

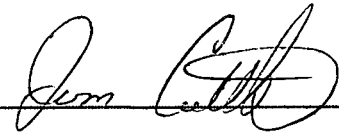
I am a graduate of the geological sciences from the University of New Brunswick.

I am the sole owner of the Marble mineral claims located in the Vancouver Mining Division.

I am a Fellow of the Geological Association of Canada.

I am presently working as a private consultant at the home address of #82 - 1036 Premier St., North Vancouver, B.C.

Signed: _____



Jim Cuttle

December 23, 1989