

85-937-
14102

DIAMOND DRILLING REPORT
ON
THE PHOENIX CLAIM GROUP
NICOLA MINING DIVISION

N.T.S.
92I/2W

Latitude
50° 12.5' North

Longitude
121° 55.5' West

OF

CRAIGMONT MINES LIMITED

BY

JAMES F. BRISTOW, P. ENG.

RICHMOND, B. C.

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**
NOVEMBER, 1985

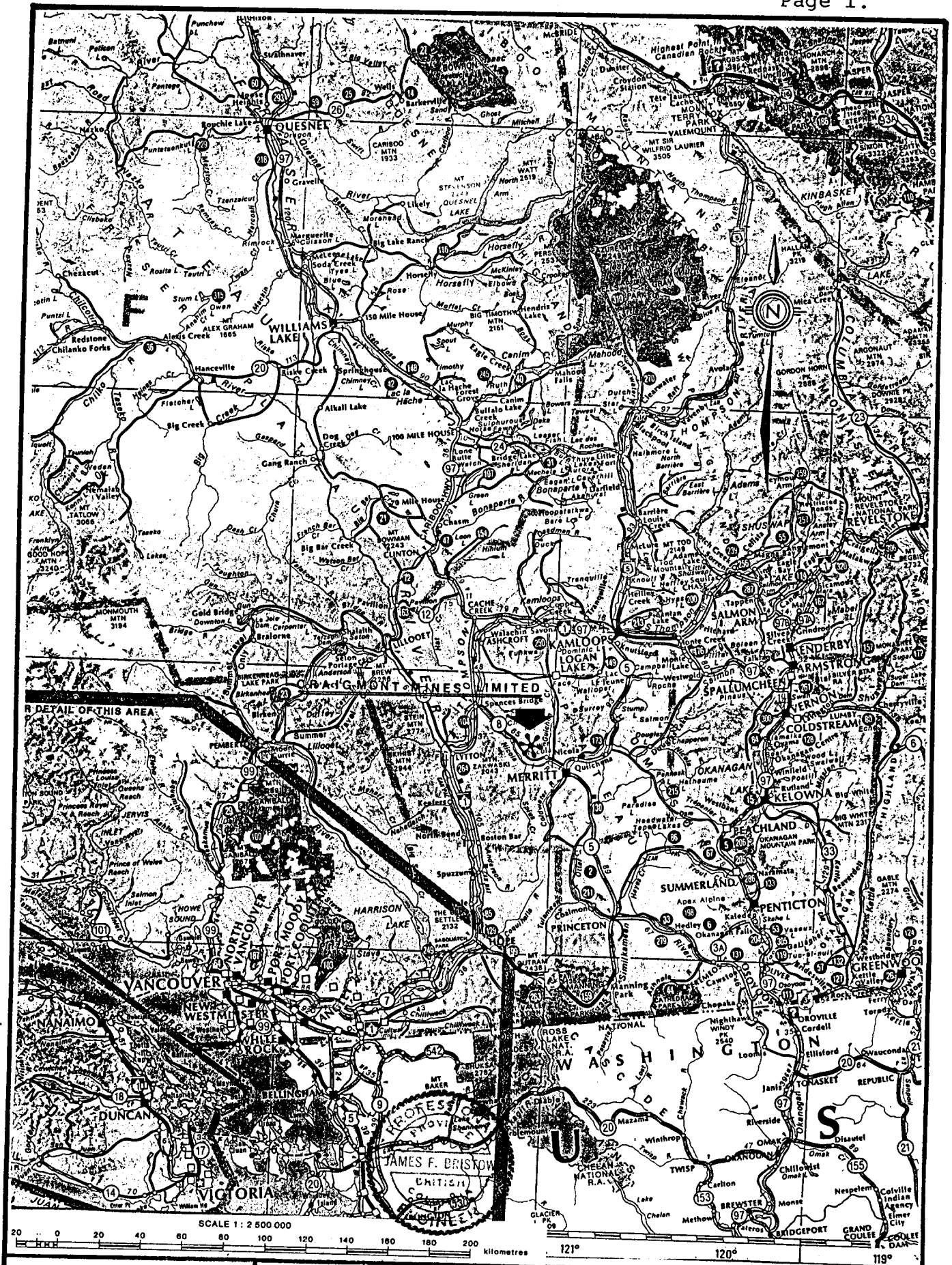
14,102

James F. Bristow P. Eng.

DIAMOND DRILLING REPORT
ON
THE PHOENIX CLAIM GROUP

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1985 Diamond Drill Hole Plan C-D-113	Pocket



DRAWN BY J.F.B.
 DATE NOVEMBER 1985

**CRAIGMONT MINES LIMITED
 INDEX MAP**

SCALE 1:250,000
 FIGURE - 1

SUMMARY

One HQ wireline diamond drill hole (S-124), totalling 445.6 metres was drilled on the Phoenix Claim Group of Craigmont Mines Limited at Merritt, British Columbia.

This hole confirmed the downward continuation of low grade copper/iron mineralization previously intersected by shallower surface diamond drilling conducted in 1978. The host horizons are a series of steeply dipping calcareous epidote-actinolite skarn bands.

INTRODUCTION

This report contains the assay and geological results obtained from 445.6 metres of HQ wireline diamond drilling conducted on the Merchants 7 Mineral Claim of the Phoenix Claim Group. Diamond drilling was conducted by Rainbow Diamond Drilling Ltd. of Merritt, British Columbia between 16 September 1985 and 08 October 1985.

LOCATION AND ACCESS

The Phoenix Group of Mineral Claims is in the Nicola Mining Division centred on Latitude $50^{\circ} 12\frac{1}{2}'$ N., Longitude $120^{\circ} 55\frac{1}{2}'$ W. within Map Sheet N.T.S 92I/2W.

The claims lie on the northwest slope of Promontory Hill, immediately east of Stumble Creek.

The property can be reached by six kilometres of paved road due north from Lower Nicola on Highway No. 8. (See Figure 2).

Access within the property is good, using a series of gravel mine haulage and exploration access roads.

TOPOGRAPHY AND CLIMATE

Elevations on the property range between 792 metres and 1706 metres. Slopes are generally moderate with the Craigmont Open Pit being the most prominent topographic feature on the property. Within the area, south and west facing slopes are generally sparsely wooded with ponderosa pine and north facing slopes are heavily wooded with spruce, lodgepole pine and alder.

Climate is typical interior plateau uplands with hot dry summers and cold moist winters.

HISTORY

The history of Craigmont Mines Limited is relatively short, although the Eric Showing, situated approximately 1600 metres east of the open pit, was diamond drilled and trenched during or before 1935. The original company formed to work in the Promontory Hill area was called Pine Crest Mines Limited. This company, through reorganization, was incorporated as Craigmont Mines Limited in 1946. The 14 key mineral claims which form the core of the present property were acquired in 1954. Prior to 1957, geological and geophysical work were concentrated in the northwest corner of the property in the vicinity of Jackson Lake and the Paystin Showing. This work was concentrated on magnetic anomalies of negative intensity similar to those associated with the Porphyry Copper mines in the Highland Valley. It is interesting to note that the Craigmont orebodies are associated with magnetic anomalies of extremely high magnetic intensity. By the fall of 1957, diamond drilling through the drift covered area above the No. 1 orebody had encountered extensive copper-iron mineralization. By mid-1958, diamond drill hole no. 15 confirmed the possibility that an orebody of substantial proportions was being delineated. This drill hole passed through the centre of the No. 1 Orebody intersecting 195 metres grading 4.40% copper.

Canadian Exploration Limited directed and financed exploration from November 1957 to July 1958, when underground development was undertaken by an operating group, Birkett Creek Mine Operators Limited. This group, consisting of Canadian Exploration Limited, Noranda Mines Limited and Peerless Oil and Gas Company was dissolved in 1960 when the same interests became the mine operators as Craigmont Mines Limited.

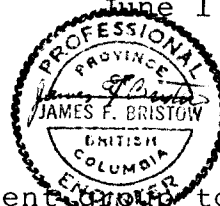
In 1985, the Company was purchased by M. Seven Industries Inc.

On cessation of underground mining in 1982, the property had produced in excess of 36,400,000 tons of ore grading approximately 1.29% copper.

PROPERTY DESCRIPTION

The Phoenix Claim Group owned by Craigmont Mines Limited of Vancouver, British Columbia is composed of the following contiguous two post and mineral leased claims as shown on Figure 3.

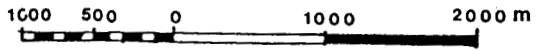
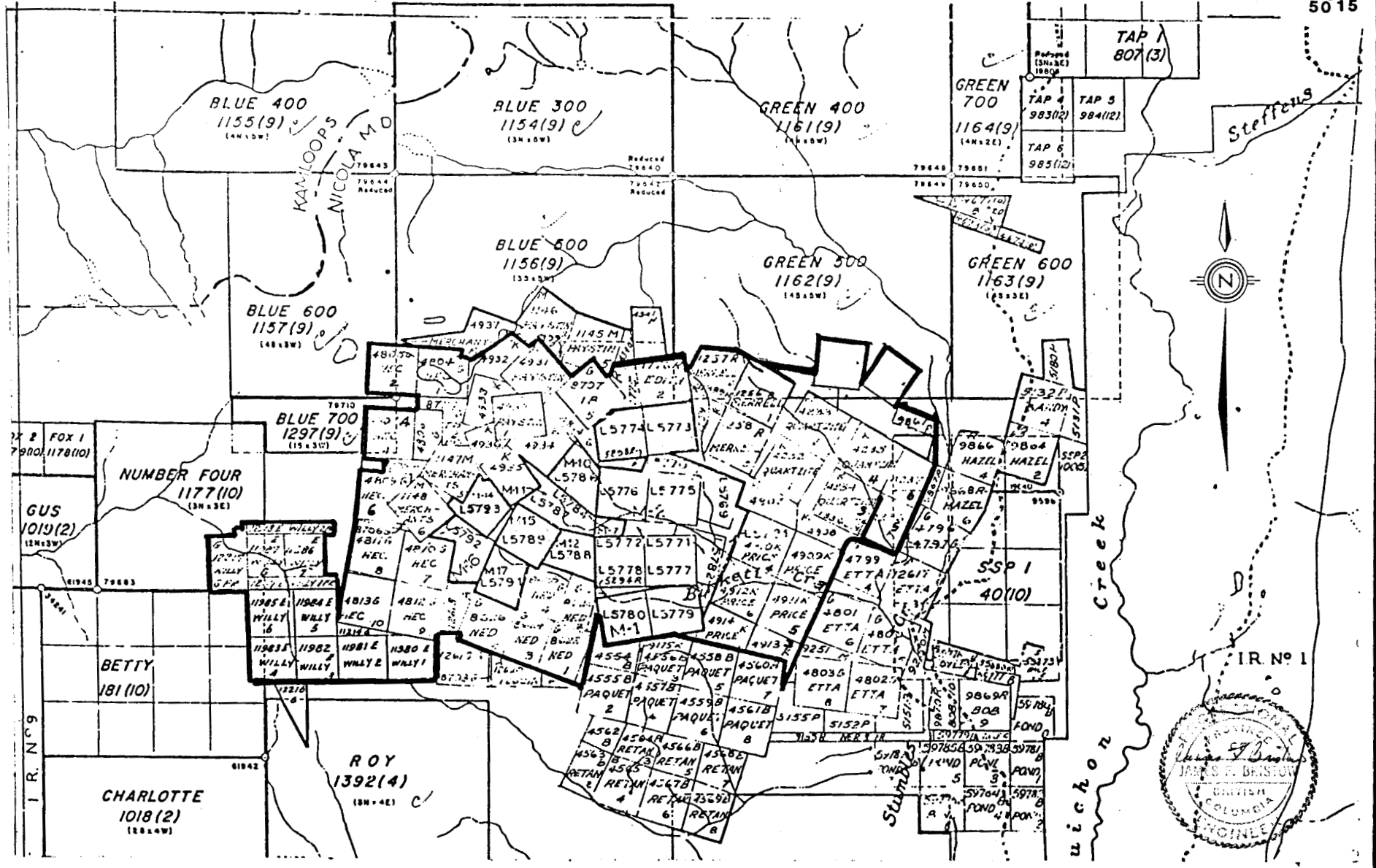
Claim Name	Units	Due Date	Record or Lot Number
Al 1Fr	1	November 12*	Lot 5782
Al 2Fr	1	December 16/88	5294
Al 3Fr	1	August 19*	Lot 5784
Al 5	1	November 12*	Lot 5781
Al 6	1	December 16/88	5298
B 1Fr, B 2Fr	2	March 5/88	4763-4674
B 19-20	2	March 5/88	4670-4671
Bill 1Fr, Bill 2Fr	2	July 15/88	11389-11390
Blue Fr	1	June 7/88	20875
Edith 1-2	2	December 15/88	1775-1776
Hec 1-4	4	June 17/88	4804-4807
Hec 5	1	January 22*	Lot 5792
Hec 6-10, 11Fr	6	June 17/88	4809-4814
Hec 12Fr, 13Fr, 14Fr	3	October 5*	Lot 5786-5788
Last Time 1-4	4	January 13/88	12618-12621
Little Fr	1	May 25/88	12035
McLeod 1-6	6	November 12*	Lot 5773-5778
McLeod 7-8	2	June 12*	Lot 5579-5580
Merchants 1-3	3	August 12/88	4934-4936
Merchants 5-6	2	September 29/88	1147-1148
Merchants 7-8	2	January 22*	Lot 5793-5794
Merrell 1-4	4	December 20/88	1256-1259
Merrell 5-8	4	November 12*	Lot 5769-5772
Ned 1-5	5	June 4/88	8622-8626
Ned 6	1	January 22*	Lot 5791
Paystin 1-2, 3Fr, 4	4	August 12/88	4930-4933
Price 1Fr, 1Fr, 3-8	8	August 1/88	4907-4914
Quartzite Fr	1	March 24/88	13372
Quartzite 1-6	6	August 29/88	4232-4237
Small Fr	1	April 19/88	11971
T.B. 1Fr-4Fr, 5	5	June 6/88	8703-8707
Willy 1-8	8	May 12/88	11980-11987
Willy 1Fr-2Fr	2	May 30/88	12117-12118
Willy 3Fr, 5Fr-6Fr	3	June 17/88	12214, 12216, 12217
TOTAL	100		



* - Record Date - The current totals 100 units and fractional claims.

121°00'

50°15'



DRAWN BY J.F.B.
 DATE NOVEMBER 1985

CRAIGMONT MINES LIMITED
CLAIM MAP

SCALE 1:50,000
 FIGURE 3

DISCUSSION

(a) Geological Setting

Promontory Hill is underlain by a complex series of northwesterly trending steeply dipping volcanogenic Triassic Nicola Group rocks. The area of greatest geological interest is bounded to the west and south by the Nicola River, east by the Guichon Creek Valley, and on the north by the Jurassic Guichon Batholith.

The lithologies being tested by the current surface diamond drilling contain sequences of andesites, dacites and volcanogenic graywackes with interbedded limy sediments and limestones. One of these limestone bands lying within the alteration aureole of the multistage Guichon Batholith is the host rock for the Craigmont copper-iron skarn deposit.

Cretaceous Kingsvale Group agglomerates and flow rocks form a veneer up to 200 metres thick over approximately 20% of the Promontory Hill area. These flat lying flow rocks mask the west end of the Craigmont orebody and also the possible westerly continuation of the favourable skarn zone.

The origin and detailed geological environment of the Craigmont orebody is complex and evokes considerable geological discussion. One of the current geological models envisages the orebody being hosted within a limestone horizon lying between a southern dacite and a northern volcanoclastic sediment (greywacke) and all lying within the alteration aureole of the Guichon Batholith.

Exploration west of the present Craigmont Pit is limited to surface diamond drilling. Unfortunately, the varying magnetic susceptibility and conductance of Kingsvale capping, plus bentonitic mud associated with the Nicola-Kingsvale contact preclude the use of most geophysical exploration techniques in this area.

DISCUSSION - continued(b) Purpose of Diamond Drill Hole S-124

Diamond drill hole S-124 was drilled to further test the favourable skarn horizon for economic mineralization in an area completely masked by in excess of 150 metres of Kingsvale volcanics.

(c) Diamond Drilling Statistics

Diamond drill hole S-124 was collared at 11162.7 North, 4561.0 East (mine grid coordinates) on the Merchant 7 Mineral Claim (See Figure 4 and Drawing G-D-113). It was drilled at 352° azimuth - 66° North for a distance of 445.6 metres. The following reductions in size were necessitated by ground conditions, 0-10.97 metres (HW), 10.97-162.8 metres (NW), 162.8-246.9 metres (NQ), and 246.9-445.6 metres (BQ).

Acid dip tests at 198.1 and 382.5 metres indicated that no appreciable change in dip occurred in spite of generally poor ground conditions. The core was logged, mineralized areas split, and subsequently stored in core sheds at the Craigmont minesite.

(d) Results and Interpretation

Surface diamond drill hole S-124 was collared approximately 90 metres west of the Winney Creek-West Embayment Fault. This fault is near vertical and believed to trend at 135°. Movement along the fault is left lateral, with little vertical component and uncertain horizontal displacement. The close proximity of S-124 to the Winney Creek Fault likely accounts for the poor ground conditions encountered in most of the siliceous rocks penetrated by this drill hole.

The hole cut only 6.4 metres of overburden before penetrating 141.9 metres of Kingsvale agglomerates and flows. The top of the Nicola Group was badly weathered but not as bentonitic as in previous drill holes.

DISCUSSION - continued(d) Results and Interpretation - continued

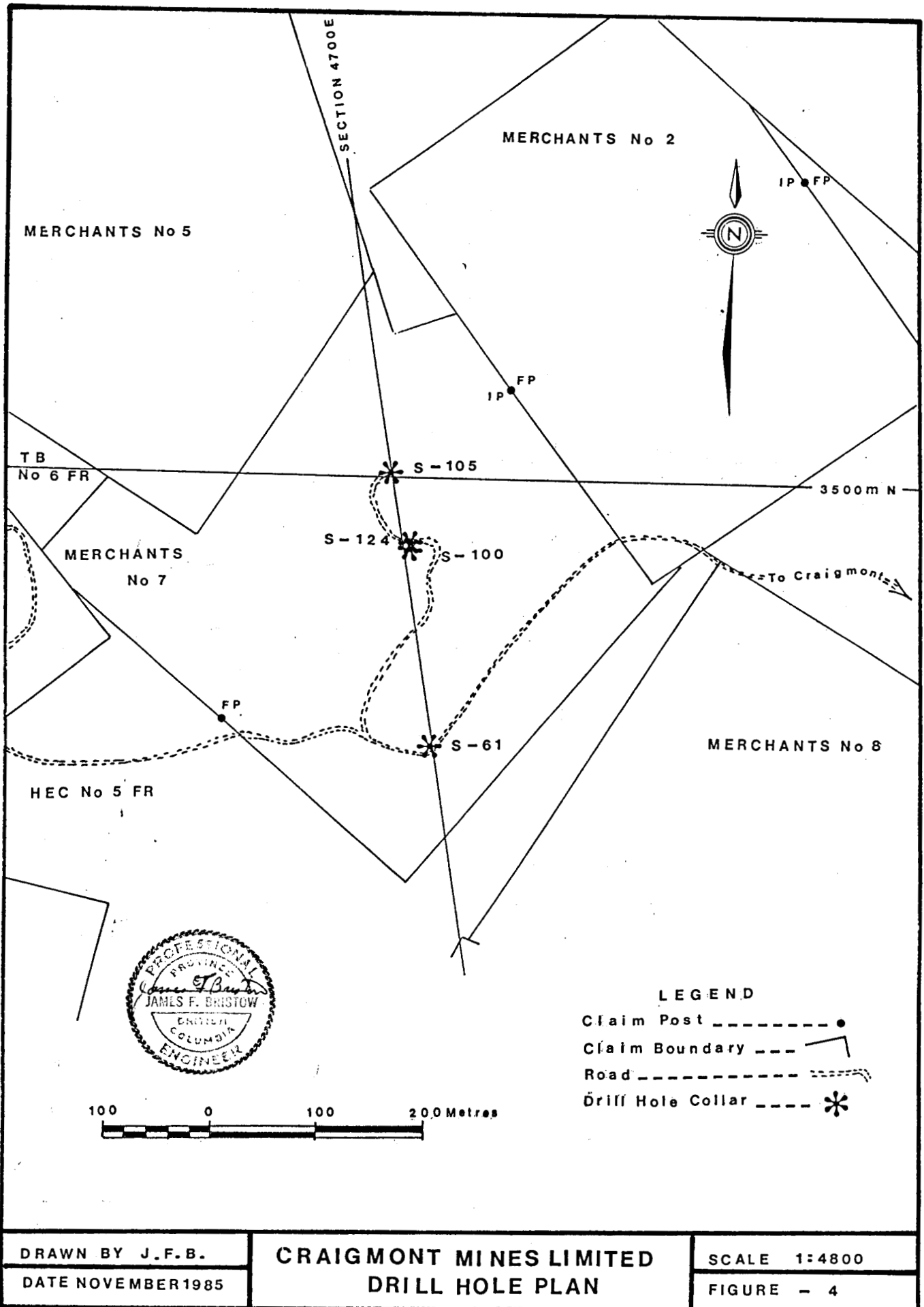
The limestone intersected between 172.5 and 194.5 metres appears to pinch out down dip.

Three epidote-actinolite skarn zones were intersected, namely, 254.5 to 198.1 metres, 343.5 to 361.8 metres, and 387.7 to 391.1 metres (See Figure 5).

Minor copper mineralization was encountered in the first and third zones, however, it was of sub-economic grade. (See attached diamond drill log.)

CONCLUSION

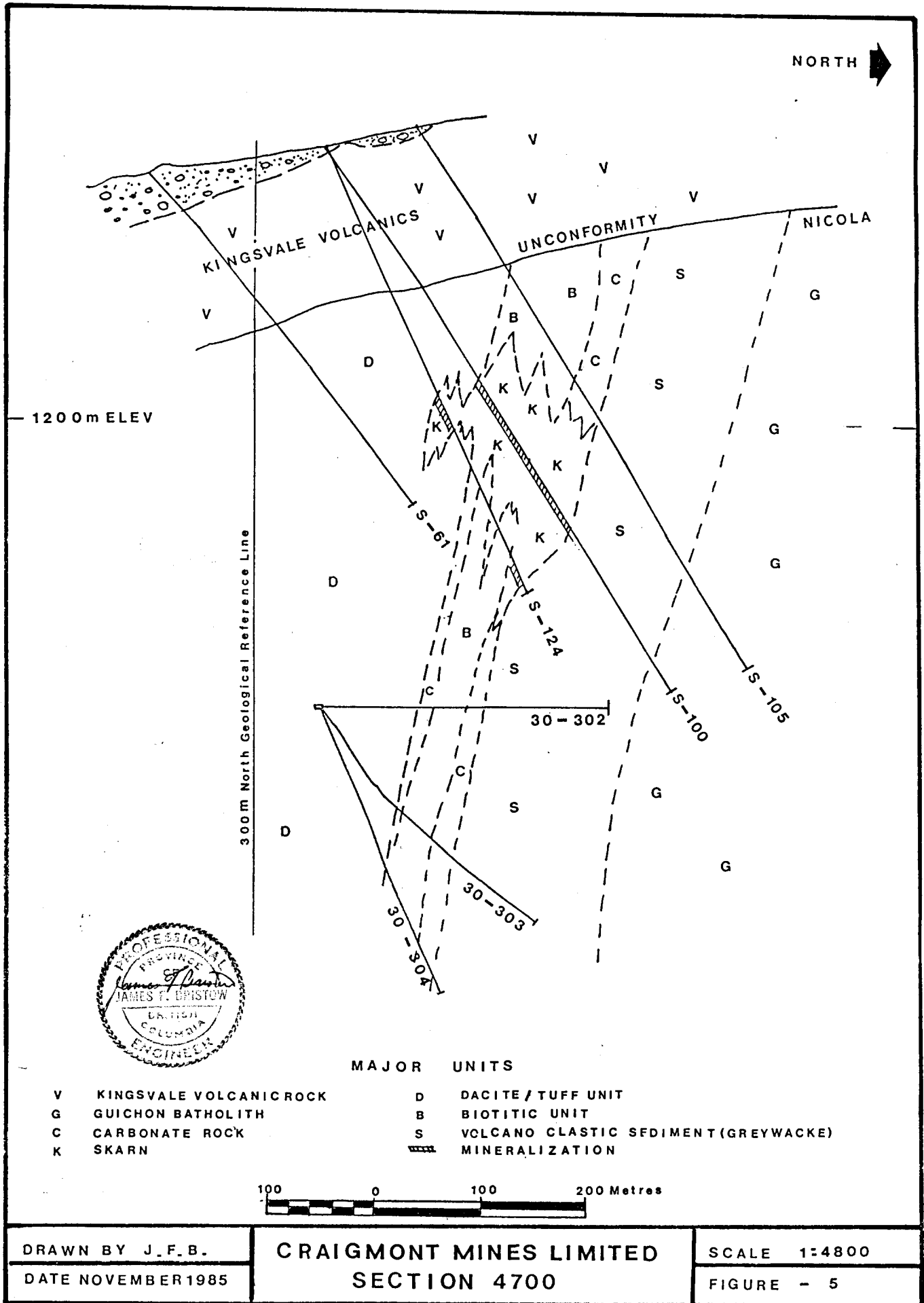
The hoped for improvement in grade of the down dip extension of the mineralization intersected in diamond drill hole S-100 was not encountered. It is unlikely that an economic orebody exists between diamond drill holes 30-304 and S-105.



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 DATE NOVEMBER 1985

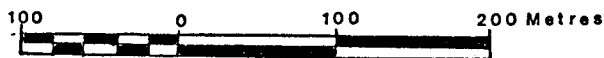
**CRAIGMONT MINES LIMITED
 DRILL HOLE PLAN**

SCALE 1:4800
 FIGURE - 4



MAJOR UNITS

- | | | | |
|---|-------------------------|---|--------------------------------------|
| V | KINGSVALE VOLCANIC ROCK | D | DACITE / TUFF UNIT |
| G | GUICHON BATHOLITH | B | BIOTITIC UNIT |
| C | CARBONATE ROCK | S | VOLCANO CLASTIC SEDIMENT (GREYWACKE) |
| K | SKARN |  | MINERALIZATION |



DRAWN BY J.F.B.

DATE NOVEMBER 1985

CRAIGMONT MINES LIMITED
SECTION 4700

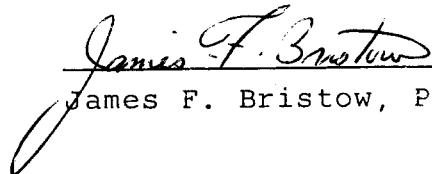
SCALE 1:4800

FIGURE - 5

COST STATEMENTPHOENIX CLAIM GROUP

Diamond Drilling (as per invoices): 1450.9 metres @ \$28.54/metre		\$41,410.83
Supervision and Core Logging: James F. Bristow, P.Eng. Sept.12 to Oct.09 - 23 days	\$6,775.00	
Accommodation and Meals	1,123.28	
Transportation	726.43	
Purchased Services	310.00	
Supplies	28.06	
Telephone	3.62	8,966.29
Core Boxes: 44 boxes @ \$5.25/box		231.00
Assaying Cost (as per invoices): 12 core samples, 1 gold-silver analysis, 11 copper-iron analyses		207.25
Report Preparation: including drafting and typing		1,500.00
	TOTAL	<u>\$52,315.37</u>

Certified Correct:

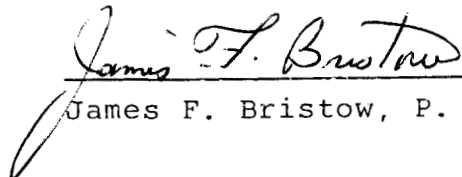

James F. Bristow, P. Eng.

QUALIFICATIONS & CERTIFICATION

I, James F. Bristow, of 3431 Bowen Drive, in the Municipality of Richmond, Province of British Columbia, hereby certify as follows:

1. I am a graduate of the University of British Columbia, with a B.A. Degree (Geology and Physics).
2. I am a Professional Engineer, registered in the Province of British Columbia.
3. I am a member of the Canadian Institute of Mining and Metallurgy, the Association of Exploration Geochemists and the Geological Society of South Africa.
4. I have actively practiced my profession in mineral exploration and mining geology since my graduation in 1957.
5. That this report is based on data either gathered by myself or by persons working under my direct supervision.
6. That I have no interest, either direct or indirect, in the property or securities of Craigmont Mines Limited, nor do I expect to receive any.

Dated at Richmond, British Columbia this 22nd day of November 1985.


James F. Bristow, P. Eng.

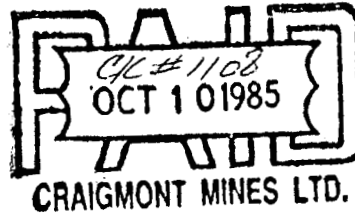
A P P E N D I X I

Rainbow Diamond Drilling Ltd.

P.O. Box 1657 - Merritt, B.C. - V0K 2B0 - Phone 378-2958

October 1, 1985
Invoice #192

Promontory Mines Ltd.,
820-355 Burrard St.,
Vancouver, B.C.,
V6C 2G8



SURFACE DRILLING ABOVE CRAIGMONT MINES NEAR MERRITT B.C.

PERIOD: September 16/85 to September 30/85

<u>HOLE #</u>	<u>DEGREE</u>	<u>FOOTAGE</u>	<u>PRICE/FOOT</u>	<u>COST</u>
85-1	-66	0 ft. to 36 ft. = 36 ft. O.B.	\$16.00	\$ 576.00
85-1	-66	36 ft. to 468 ft. = 432 ft. T.C.	\$16.00	\$ 6,912.00
85-1	-66	468 ft. to 500 ft. = 32 ft. NQ	\$15.50	\$ 496.00
85-1	-66	500 ft. to 810 ft. = 310 ft. NQ	\$16.80	\$ 5,208.00
85-1	-66	810 ft. to 825 ft. = 15 ft. BQ	\$16.80	\$ 252.00
<u>Mobilization, lump sum</u>				\$ 300.00

FIELD COSTS

<u>DATE</u>	<u>MAN HRS.</u>	<u>DRILL HRS.</u>	<u>REMARKS</u>	
Sept. 19/85	10		Moved from off-loading point over 10 man hrs.	
Sept. 23/85	20	10	Casing hole.	
Sept. 24/85 DS	6	3	Reaming casing.	
Sept. 24/85 NS	18	9	Reaming casing.	
Sept. 25/85 DS	9	4.5	Reaming casing.	
Sept. 26/85 DS	8	4	Reaming casing and cleaning hole.	
Sept. 26/85 NS	2	1	Acid test at 650 ft.	
Sept. 27/85 NS	16	8	Rods stuck in fault.	
Sept. 28/85 DS	14	7	Trying to free rods, getting ready to reduce hole.	
Sept. 29/85 DS	4		Cementing hole.	
Sept. 30/85 DS	10	5	Reducing hole to BQ.	
Sept. 30/85 NS	16	8	Reducing hole, drilled out cement, landing ring, and inside NQ bit.	
Totals	133	59.5		
133 Man hours at \$22.50				\$ 2,992.50
59.5 Drill hours at \$25.00				\$ 1,487.50

Continued on page 2



Rainbow Diamond Drilling Ltd.

P.O. Box 1657 - Merritt, B.C. - V0K 2B0 - Phone 378-2958

Page 2

Invoice #192

"CAT" TIMECOST

Sept. 18/85	2 hours at \$55.00 per hour	\$ 110.00
Sept. 19/85	6.5 hours at \$55.00 per hour	\$ 357.50

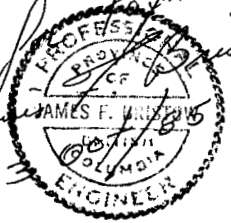
CONSUMABLES:

Mud as per Thiessen Equipment Ltd. invoice #8408	\$ 711.35
Mud as per Thiessen Equipment Ltd. invoice #8425	\$ 429.70
NW casing shoe as per Diaset invoice	\$ 231.15
Wesdrill NQ core #47561, 80% of cost (\$495.00)	\$ 396.00
Total cost of consumables \$1,768.20	
12% handling on consumables	\$ 212.18
Total invoice, pages 1 & 2	\$20,671.88

_% per month on overdue accounts
Net 30 days.

Note

O.B. ... Overburden
T.C. ... Triconing
NQ. ... Size of drilling
BQ. ... Size of drilling
D.S. ... Day shift
N.S. ... Night shift

OK for Payment.
James E. Harrison

 approved for payment.
 R.J. Hermann
 4 Oct '85

Rainbow Diamond Drilling Ltd.

P.O. Box 1657 - Merritt, B.C. - V0K 2B0 - Phone 378-2958

October 8, 1985

Invoice # 193

Promontory Mines Ltd.,
820 - 355 Burrard St.,
Vancouver, B.C.,
V6C 2G8

SURFACE DRILLING ABOVE CRAIGMONT MINES NEAR MERRITT, B.C.

PERIOD: October 1/85 to October 8/85 (End of job)

<u>HOLE #</u>	<u>DEGREE</u>	<u>FOOTAGE</u>	<u>PRICE/FOOT</u>	<u>COST</u>
85-1	-66	825 ft. to 1000 ft. = 175 ft.BQ	\$16.80	\$ 2,940.00
85-1	-66	1000 ft. to 1462 ft. = 462 ft.BQ	\$18.15	\$ 8,385.30
De-mobilization, lump sum				\$ 300.00

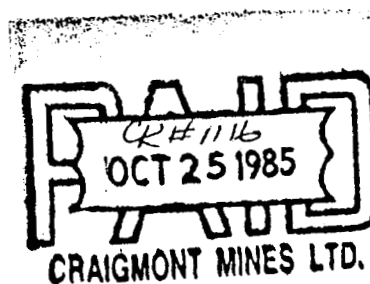
FIELD COSTS:

<u>DATE</u>	<u>MAN HRS</u>	<u>DRILL HRS.</u>	<u>REMARKS</u>	
Oct. 1/85	2	1	Drilled out crown of NQ bit.	
Oct. 5/85	2	1	Acid test at 1255 ft.	
Oct. 7/85 DS	16	8	Pulling casing.	
Oct. 7/85 NS	16	8	Pulling casing and coiling up water line.	
Oct. 8/85 DS	20		Tore down and moved drill to loading point.	
Totals	56	18		
56 man hours at \$22.50 per hour				\$ 1,260.00
18 drill hours at \$25.00 per hour				\$ 450.00

"CAT" TIME

October 8/85 8 hours, moved equipment to loading point and blocked road. Rate: \$55.00 per hour	\$ 440.00
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Continued on page 2...



Rainbow Diamond Drilling Ltd.

P.O. Box 1657 - Merritt, B.C. - V0K 2B0 - Phone 378-2958

Page 2

Invoice #193

CONSUMABLESCOST

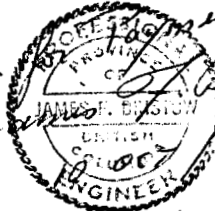
2 bags Fondu cement at \$65.00 each	... \$ 130.00	
1 BQ core #47754	... \$ 350.00	
2 pails EZ mud at \$142.80 each	... \$ 285.60	
1 NQ reamer shell #2645, new price	... \$ 211.95	
1 NQ core #2291, 50% worn, 50% of \$644.50	... \$ 322.25	
1 NQ inner tube stabilzer	... \$ 20.20	
1 NQ 10 foot outer tube	... \$ 174.50	
1 NQ landing ring, \$11.65 less 10%	... \$ 10.48	
1 NQ locking coupling, \$109.15 Less 10%	... \$ 98.23	
1 NQ adapter coupling, \$ 35.70 less 10%	... \$ 32.13	
38 NQ x 10 foot rods at \$82.50 each	... \$3135.00	
11 NW casing at \$92.16 each	... \$1013.76	
Consumables total	... \$5784.10	\$ 5,784.10
Freight charges on NW casing, \$159.90 ÷ 5	... \$ 31.98	\$ 31.98
Plus 7% on consumables	... \$ 404.89	\$ 404.89
Plus 12% handling on consumables (\$6,188.99)	... \$ 742.68	\$ 742.68
Total invoice, pages 1 & 2		\$ 20,738.95

2% per month on overdue accounts.
Net 30 days

Note

BQ ... Size of drilling
DS ... Day shift.
NS ... Night shift.

Ok. for payment
James P. Boston
Approved for payment
11 October '85
R. O. Schumann



**KAMLOOPS
RESEARCH & ASSAY
LABORATORY LTD.**

B.C. CERTIFIED ASSAYERS

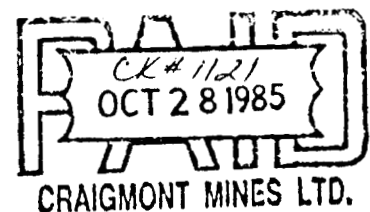
912 - 1 LAVAL CRESCENT — KAMLOOPS, B.C.
V2C 5P5
PHONE: (604) 372-2784 — TELEX: 048-8320

Promontory Mines Ltd.
c/o J. F. Bristow
3431 Bowen Drive
Richmond, B.C.
V7C 4C6

INVOICE: 85-0412
DATE: October 9, 1985
FILE No. K-7209

1 Sample Preparation	@ \$ 3.75	\$ 3.75
8 Sample Preparation	@ \$ 3.25	26.00
1 Gold & Silver Assay	@ \$ 10.50	10.50
8 Copper Assays	@ \$ 5.25	42.00
8 Iron Assays	@ \$ 9.00	72.00
		<u> </u>
		<u>\$ 154.25</u>

OK *James F. Bristow*

*Approved for payment.
11 Oct '85
R.J. Hermann*

**KAMLOOPS
RESEARCH & ASSAY
LABORATORY LTD.**

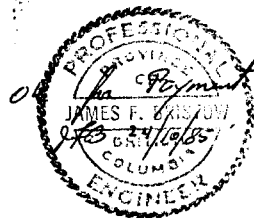
B.C. CERTIFIED ASSAYERS

912 - 1 LAVAL CRESCENT — KAMLOOPS, B.C.
V2C 5P5
PHONE: (604) 372-2784 — TELEX: 048-8320

Promontory Mines Ltd.
c/o J. F. Bristow
3431 Bowen Street
Richmond, B.C.

INVOICE: 85-0417
DATE: October 10, 1985
FILE No. K-7219

3 Sample Preparations	@ \$ 3.25	\$ 9.75
3 Copper Assays	@ \$ 5.25	15.75
3 Iron Assays	@ \$ 9.00	27.00
		<u>\$ 52.50 ✓</u>



A SERVICE CHARGE OF 2% (\$1.00 min.) PER MONTH, 24% PER ANNUM, WILL BE CHARGED ON STATEMENT BALANCES CARRIED FORWARD FROM PREVIOUS MONTH.
THIS IS AN ACCOUNT FOR PROFESSIONAL SERVICES AND IS DUE ON PRESENTATION.

A P P E N D I X . I I

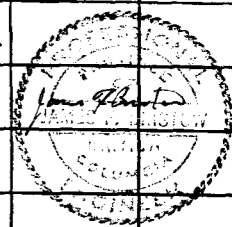
DIAMOND DRILL CORE LOG - SAMPLE RECORD

DEPTH	DIP	BEARING AST.
COLLAR	-66°	352° Az.
198.1M	-64°	ACID TESTS
382.5M	-66°	

PROPERTY CRAIGMONT MINES LIMITED CLAIM MERCHANTS 7
 LATITUDE 11 162.7 N STARTED 20 SEPT 1985
 DEPARTURE 4561.0 E FINISHED 8 OCT 1985
 ELEVATION 1450.9 Metres 4760 ft (Approx) TOTAL LENGTH 445.6 M (1462 ft)

LOGGED BY J.F.B
 CORE SIZE *
 SECTION 4700E
 HOLE NO. S-124

Footage	DESCRIPTION	MINERALIZATION	Sample	From	To	Length	Copper %	Mo %	Gold Oz.	Silver Oz.
OM (0)										
(21') 6.4M	Overburden									
6.4 (21')										
(468') 142.7	Kingsvale Volcanics - Triconed									
	3 7/8" Ø to 142.7 metres.									
	Soft muddy fault zone 71.6 to 115.8 metres.									
	No core recovery - believed to be mainly agglomerates									
142.7M (468')										
(486 1/2) 148.3	Kingsvale agglomerates - mainly composed of sub angular volcanic fragments									
	146.6M - 0.15 metre dioritic boulder.									
	99% core recovery - 3 footage blocks									
148.3M (486 1/2')										
(495) 150.9	Bentonitic Tuff Totally crushed - soapy yellowish brown gouge (Dacite?) fine ash.									
	98% Core recovery 1 footage block - calcite deposited along fractures									

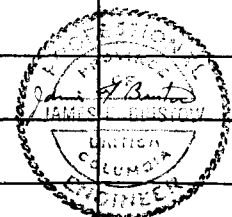


DIAMOND DRILL CORE LOG -- SAMPLE RECORD

PROPERTY CRAIGMONT MINES LIMITED

HOLE No. S-124 Page No. 2 of 15

Footage	DESCRIPTION	MINERALIZATION	Sample	From	To	Length	Copper %	Mo %	Gold Oz.	Silver Oz.
9 (495) 6 1/2 151.3	Tuffaceous Rock - Gray tuffaceous - totally crushed - very gougy 95% core recovery 1 footage block.									
3 (496 1/2) 5) 157	Lithic Tuff (?) - yellowish brown bentonitic tuffaceous rock - Totally crushed - gougy 90% core recovery - 4 footage blocks									
7 (515) 9) 158.2	Graphitic Gouge - possible water course 4% core recovery 2 footage blocks.									
2 (519) 6) 160.3	50% Crushed Tuffaceous rock and 50% Mud. Possibly a Dacitic Crystal Tuff (?) 55% core Recovery 2 footage blocks.									
3 (526) 0) 161.5	Mainly Graphitic Gouge - pyritic 12% core Recovery 0 footage blocks.	5% pyrite								
1-701										

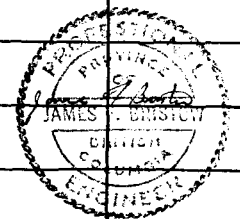


DIAMOND DRILL CORE LOG -- SAMPLE RECORD

PROPERTY CRAIGMONT MINES LIMITED

HOLE No. 5-124 Page No. 3 of 15

Footage	DESCRIPTION	MINERALIZATION	Sample	From	To	Length	Copper %	Mo %	Gold Oz.	Silver Oz.
5 (530) 41) 164.9	Crystal Tuff (Dacite?) light coloured Totally crushed 90% Core Recovery 4 footage blocks.									
4.4 (541) 46) 172.5	Lithic Tuff - brecciated both light and dark bands fragments composed of fine to coarse ash. Crushed 164.9 to 169.2; 170.4 to 171.2, 172.1 to 172.4 Interval is transition zone between (Dacitic?) Tuff and limy sediment. 60% Core Recovery - 4 footage blocks									
2.5 (566) 48) 174.5	Limestone - light grey, medium grained Crystalline 174.04 to 174.8 Veinlets of sulphides to 1/8" at 20° to Core Axis (CA) 174.7 to 176.8 brecciated with brown limonitic matrix 176.8 - .3 meter muddy breccia	1% pyrite								

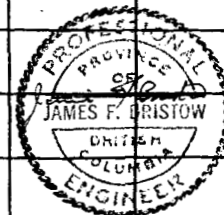


DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY CRAIGMONT MINES LIMITED

HOLE No. S-124 Page No. 4 of 15

Footage	DESCRIPTION	MINERALIZATION	Sample	From	To	Length	Copper %	Mo %	Gold Oz.	Silver Oz.
	182.6 to 187.5 numerous crystal lined vugs maximum core length 0.3 metres									
	172.5 to 182.6 maximum core length 0.6 metres Section contains a few short intervals of well brecciated dark gougy siltstone									
	187.8 194.5 brownish-partially brecciated 98% core Recovers - 6 footage blocks.									
194.5 (638) (653) 199	Clastic Sediment with fragments and grains up to 1/2 mm Biotitic Unit - siliceous									
	Short sections badly crushed 196.6-196.9 only a few fragments recovered - light coloured crystal tuff									
	196.7 to 199 Fault Zone									
199 (653) (684) 208.5	95% overall recovery - 4 footage blocks Lithic Tuff - lighter coloured than previous section - badly crushed & broken core disintegrates into angular fragments when exposed to air - Some biotitic	2% actinolite 1% epidote 2% actinolite								
E-701	Alteration - Gouge 206.9 - 208.5									



DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY CRAIGMONT MINES LIMITED

HOLE No. S-124 Page No. 5 of 15

Footage	DESCRIPTION	MINERALIZATION	Sample	From	To	Length	Copper %	Mo %	Gold Oz.	Silver Oz.		
	48% Core Recovery - 4 footage blocks.											
08.5 (654) 14) 211.5	Limy Tuff and/or Altered impure limestone - sugary texture greenish in colour. sections mottled with brown garnet badly crushed.	Tr pyrite 3% epidote 10% Actinolite 5% Garnet.										
	85% Core recovery - 2 footage blocks											
15 (694) 2) 213.7	FAULT ZONE - MAINLY GOUGE Dacite (?)											
	15% Core Recovery 2 footage blocks.											
3.7 (701) 7) 224.6	Silicified impure limestone or ash tuff. fine to medium grained grey white to white - weakly limy over short sections 213.7m banded @ 50° to C.A. 224 to 224.6m Siltstone (very fine ash) well banded 65° to 70° to C.A. - discontinuous bands of light brown garnet.	1% Garnet overall										
2-701												

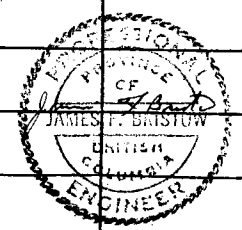


DIAMOND DRILL CORE LOG -- SAMPLE RECORD

PROPERTY CRAIGMONT MINES LIMITED

HOLE No. S-124 Page No. 6 of 15

Footage	DESCRIPTION	MINERALIZATION	Sample	From	To	Length	Copper %	Mo %	Gold Oz.	Silver Oz.		
	224 to 224.6 crushed 5% Garnet											
	84% Core Recovery											
4.6 (737) 1/2) 229.1	FAULT ZONE - 50% Gouge likely											
	Same Rock as 224 to 224.6 m.											
	225.3 to 225.6 Core disintegrated after leaving core tube											
	98% Core Recovery 2 footage blocks.											
7.1 (751) 1/2) 229.8	Siltstone crushed and contorted											
	blue grey											
	95% Core Recovery											
29.8 (754) 2) 232.3	Ash Tuff - yellowish white brecciated silicified.	Tr pyrite										
	fine grained ash tuff partially crushed											
	98% Recovery											
2.3 (762) 2) 235.3	Clastic Sediment - fragments quartz, garnet Skarn and biotitic Mudstone.	3% pyrite	18053	232.3	235.3	3.0			2.001	2.01		
	vuggy with fragments up to 4cm.											
	Carbonate on fractures.											
E-701	98% Core Recovery - 1 footage block											



DIAMOND DRILL CORE LOG -- SAMPLE RECORD

PROPERTY CRAIGMONT MINES LIMITED

HOLE No. S-124 Page No. 7 of 15

Footage	DESCRIPTION	MINERALIZATION	Sample	From	To	Length	Copper %	Mo %	Gold Oz.	Silver Oz.
5.3 (772) 236.5	Crystal Tuff - biotitic - brownish silicified & brecciated margin of fragments bleached with very fine grained siliceous matrix 99% Core Recovery - 1 footage block									
5.5 (776) 245.1	Lithic Tuff - coarse & fine grained ash, with lapilli's and limestone fragments Crushed over shot sections - Vaguely banded - contorted (soft Sediment deformation?) 236.5 to 237.4 m quartz rich 2% pyrite Weakly limy throughout 98% Core Recovery - 4 footage blocks	Tr pyrite								
5.1 (804) 254.5	Sediment (?) Very fine grained siliceous - Very badly fractured ground 246.9 to 254.5 m only 0.15m of angular fragments recovered									



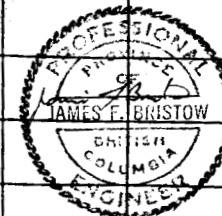
DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY CRAIGMONT MINES LIMITED

HOLE No. S-124

Page No. 8 of 15

Footage	DESCRIPTION	MINERALIZATION	Sample	From	To	Length	Copper %	Mo %	Gold Oz.	Silver Oz.	Iron %
	22% Core Recovery - 3 footage blocks										
254.5 (835)	Epidote Skarn - Very bright light apple green - brecciated limy - Calcite in fractures	Calco.	18204	254.5	257.6	3.1	0.40				8.40
(864) 263.4		50% epidote	18205	257.6	260.6	3.0	0.19				4.53
		10% Actinolite	18206	260.6	263.7	3.1	0.19				4.13
		5% Garnet.	18207	263.7	269.7	6.0	0.07				2.08
	0.3 m core lost 256.3 to 257.3 m										
	10 to 15% mottled brown garnet 257.3 to 262.1 m.										
	98% Core Recovery										
	262.1 to 263.4 m - 50% white calcite										
263.4 (864)	Epidote / Garnet Skarn mainly an altered fine grained weakly limy sediment with patches, blebs and veinlets of Calcite	20% epidote	18208	269.7	272.8	3.1	0.20				1.69
(904) 275.5		15% Actinolite	18209	272.8	278.9	6.1	0.07				2.94
		15 Garnet.	8210	278.9	285.0	6.1	0.07				2.48
		Minor Calco.									
	269.1 to 272.5 m limy fine grained sediment - 10% garnet - 20% epidote										
	vaguely banded at 35° to CIA.										
	264.6 to 272.5 opalescent fracture filling - brecciated										
	98% Core Recovery										



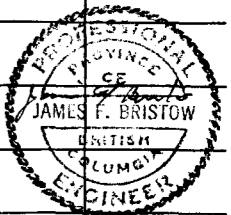
DIAMOND DRILL CORE LOG -- SAMPLE RECORD

PROPERTY CRAIGMONT MINES LIMITED

HOLE No. S-124 Page No. 9 of 15

Footage	DESCRIPTION	MINERALIZATION	Sample	From	To	Length	Copper %	Mo %	Gold Oz.	Silver Oz.	IRON %
275.5 (964) (978) 278.1	Epidote / Garnet Skarn fine grained lamy sediment (?) similar in general appearance to 263.4 to 275.5 m. Well brecciated over short sections with white calcite cement - Very occasional blob chalcocite - minor pyrrhotite 98% Core Recovery - 8 footage blocks	minor chalcocite pyrrhotite	18211	291.1	298.1	7.0	0.37				2.44
298.1 (978) (984) 299.1	Dacitic Lippell Tuff - Very siliceous glassy 5% epidote 1% Actinolite; K-feldspar.										
299.1 (964) (1020) 310.9	Tuff - interbedded (?) Lippell, Crystal and ash. Biotite - glassy - very siliceous - Very badly broken hard ground 2% epidote, 1% actinolite 85% Core recovery										

E-701

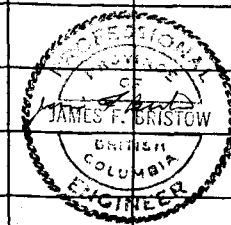


DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY CRAIGMONT MINES LIMITED

HOLE No. S-124 Page No. 10 of 15

Footage	DESCRIPTION	MINERALIZATION	Sample	From	To	Length	Copper %	Mo %	Gold Oz.	Silver Oz.		
310.9 (1020) (1044) 318.2	Fine Ash Tuff. - occasional blue quartz eye - very siliceous badly broken ground with some mud developed 50.9% Core Recovered.											
318.2 (1044) (1068) 325.5	Tuff - fine ash - Thinly bedded with blue quartz eyes at 318.2 & 320. - banding appears to be nearly parallel to C.A. Some core has brownish cast due to biotite alteration glassy - very siliceous - lower contact at 325.5 sharp at 40° to C.A. 98% Core Recovery.											
325.5 (1068) (1070) 326.1	Tuff - fine ash totally crushed 325.8 to 326.1 m weakly limy epidote skarn - 10% epidote throughout 98% Core Recovery											
326.1 (1070) (1080) 329.2	Tuff - fine to coarse ash totally crushed; 328.7 to 329.2 m Muddy 100% Core Recovery - 2 footage blocks											
E-701												



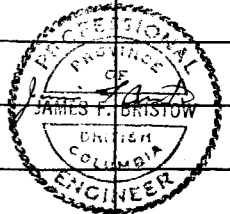
DIAMOND DRILL CORE LOG -- SAMPLE RECORD

PROPERTY CRAIGMONT MINES LIMITED

HOLE No. S-124 Page No. 11 of 15

Footage	DESCRIPTION	MINERALIZATION	Sample	From	To	Length	Copper %	Mo %	Gold Oz.	Silver Oz.		
327.2 (1080) (1106) 337.1	"Mudstone" - Mainly altered very fine grained siliceous sediment - weakly limy banded at 30° to C.P.	2% pyrite										
	333.8 to 334.4 m Calcite fracture fillings with occasional patch white calcite											
	20% epidote, 2% Actinolite, 2% Garnet 3% Calcite. 98% Core Recovery											
327.1 (1106) (1127) 343.5	Siliceous Sediment, Mainly fine grained grey to blue grey siliceous. weakly limy over short sections badly crushed with some gouge 337.7 to 338.3, 339.6 to 340.2 and 340.8 to 341.7 m.											
	Epidote Skarn 341.1 to 341.4 and 343.2 to 343.4 m. 95% Core Recovery 4 footage blocks 2% epidote overall.											
343.5 (1127) (1152) 351.1	Epidote Skarn - Well brecciated - numerous calcite patches and veinlets short sections contain brown cast due to very fine garnet alteration - minor disseminated pyrite throughout.	2% pyrite										

F-701



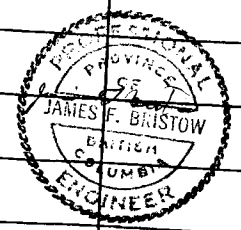
DIAMOND DRILL CORE LOG -- SAMPLE RECORD

PROPERTY CRAIGMONT MINES LIMITED

HOLE No. S-124 Page No. 12 / 15

Footage	DESCRIPTION	MINERALIZATION	Sample	From	To	Length	Copper %	Mo %	Gold Oz.	Silver Oz.
	15% epidote 2% actinolite 2% garnet 5% calcite									
	98% Core Recovery									
351.1 (1152) (1187) 361.8	Interbanded Sediments	1% pyrite								
	Siltstone / fine sandstone									
	70% siltstone disseminated pyrite throughout									
	thinly banded - banding often contorted - soft sediment deformation (?)									
	weakly limy throughout									
	brecciated & partly crushed with gouge									
	351.1 to 352.0 354.9 to 355.1 and 357.4 to 357.7M									
	Sandstone bands light grey in colour									
	siltstone blue grey - very little alteration eg epidote									
361.8 (1187) 124 368.1	95% Core Recovery 5 footage blocks									
	Similar Rock to Above - More Alteration	8% pyrite								
	Short sections have mottled appearance									
	thin banded with discontinuous elongate									

E-701



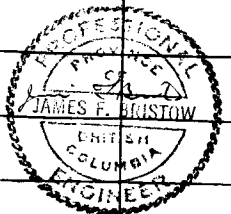
DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY CRAIGMONT MINES LIMITED

HOLE No. S-124 Page No. 13 of 15

Footage	DESCRIPTION	MINERALIZATION	Sample	From	To	Length	Copper %	Mo %	Gold Oz.	Silver Oz.	IRON %
	vaguely outlined mineral grains 1 to 2 mm Pyrite concentrated along banding less Sandstone than above more broken with depth										
369.1 (122) (122) 387.7	78% Core Recovery 7 footage blocks. Similar Rock (351.1 to 361.8 m) - fine Sandstone bands much wider up to 0.46 m Siltstone very badly broken throughout only fragments and Gouge recovered 369.4 to 369.6, 371.3 to 373.1, 379.2 to 379.5, 380.4 382.2 ; 382.8 to 384.7 m. Minor epidote / Actinolite 373.7 to 375.8 m. Mainly fine grained altered sandstone - weakly limy 382.8 to 387.7 m										
227 (122) (122) 391.1	60% Core Recovery 12 footage blocks. Epidote Skarn - before alteration - possibly a fine grained limy sandstone 387.7 to 388.0 only a few buttons of pyritic epidote skarn recovered	5% pyrite 20% Epidote 2% Actinolite 10% Calcite	18212	387.7	391.1	3.4	0.06				7.20

E-701

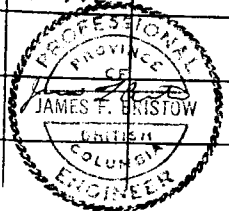


DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY CRAIGMONT MINES LIMITED

HOLE No. S-124 Page No. 14 of 15

Footage	DESCRIPTION	MINERALIZATION	Sample	From	To	Length	Copper %	Mo %	Gold Oz.	Silver Oz.	IRON %
	387.7 banded @ 30° to CA.										
	388.9 to 389.2 brecciated.										
	Lower contact 40° to CA										
391.1 (1283) (1323) 403.3	Altered Lapilli Tuff (2)	3% pyrite									
	391.1 to 398.7 m crushed brecciated with considerable gouge over short sections	2% Epidote 2% Actinolite									
	shearing has caused elongation of fragments and grains										
	bleached 402.0 to 403.3 m.										
	80% Core Recovery										
403.3 (1323) (1409) 429.5	Dyke (Kingsvale?) medium grained equigranular										
	10 to 15% mafics										
	cooled selvage 403.3 to 407.5 and 428.9 to 429.5 m.										
	Lower Contact 10° to CA.										
429.5 (1409) (1433) 436.8	Epidote Skarn - Very bright	Tl chalc	18213	429.5	436.8	7.3	0.06				
	apple green	10% Total Iron									7.92
	433.4 to 434.3 m patchy calcite & quartz	50% Mag/50% Haematite									
E-701	Some bladed Mag/Haematite										

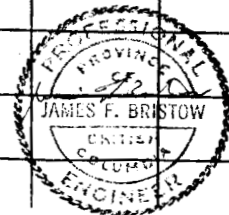


DIAMOND DRILL CORE LOG — SAMPLE RECORD

PROPERTY CRAIGMONT MINES LIMITED

HOLE No. S-124 Page No. 15 of 15

Footage	DESCRIPTION	MINERALIZATION	Sample	From	To	Length	Copper %	Mo %	Gold Oz.	Silver Oz.	Iron %
	Heavy Mag/Haematite 429.5 to 430.1 with 20% Actinolite 60% Epidote 10% Actinolite										
436.8 (1433) (1451) 442.3	Epidote/Actinolite Skarn Totally crushed - 20% gauge possible a fine grained lumpy Sandstone before alteration 439.5 to 440.0 m contains fragments K-feldspar 441.1 to 441.4 heavy Mag/Haematite 5% epidote 2% K-feldspar 20% Actinolite	80% Core Recovery	18214	436.8	442.3	5.5	0.12				11.0
442.3 (1415) (1462) 445.6	North Wall Greywacke(?) - Clastic Sediments fine to medium Sandstone - altered to siliceous grey-greenish rock with vaguely outlined feldspar grains - vague chloritic appearance; 443.5 to 444.4M contains brownish banded biotitic fragments D.D.H Ends @ 1462 ft 445.6 Metres.	80% Core Recovery									



A P P E N D I X I I I



KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

912 - 1 LAVAL CRESCENT — KAMLOOPS, B.C.

V2C 5P5

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS

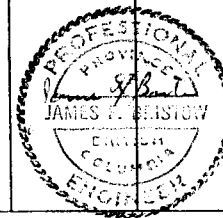
TO Promontory Mines Ltd. c/o J. F. Bristow
3431 Bowen Drive
Richmond, B.C.

Certificate No. K-7219

Date October 10, 1985

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No.	Marked	Cu	Fe						
		percent	percent						
	<i>S-124</i>								
1	18212	.06	7.20						
2	18213	.06	7.90						
3	18214	.12	11.0						



NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged

James F. Bristow



KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

912 - 1 LAVAL CRESCENT — KAMLOOPS, B.C.
V2C 5P5

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

**B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS**

TO Promontory Mines Ltd. c/o J. F. Bristow

3431 Bowen Drive

Richmond, B.C. V7C 4C6

Certificate No. K-7209

Date October 9, 1985

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No.	Marked	Au	Ag	Cu	Fe				
		ounces/ton	ounces/ton	percent	percent				
	<i>S-124</i>								
1	18053 <i>762' - 772'</i>	L.001	L.01	-	-				
2	18204 <i>835 - 845</i>	-	-	.40	8.40				
3	18205 <i>845 - 855</i>	-	-	.19	4.53				
4	18206 <i>855 - 865</i>	-	-	.19	4.13				
5	18207 <i>865 - 885</i>	-	-	.07	2.08				
6	18208 <i>885 - 895</i>	-	-	.20	1.69				
7	18209 <i>895 - 915</i>	-	-	.07	2.94				
8	18210 <i>915 - 935</i>	-	-	.07	2.48				
9	18211 <i>955 - 978</i>	-	-	.37	2.44				
	L means "Less than"								



James F. Bristow

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

