LOG NO:SEP 27 1991 RD.

ACTION:

FILE NO:

FILE NO:

RUSH PROJECT
REPORT ON
GEOLOGICAL AND GEOCHEMICAL PROGRAMS
ON THE

RUSH 1 - 6 CLAIMS LIARD MINING DIVISION

NTS 104F/16E

57°53' NORTH LATITUDE 132°9' WEST LONGITUDE RECEIVED

SEP 1 7 1991

Gold Commissioner's Utfice VANCOUVER, B.C.

Gold Commissioner's Office VANCOUVER, B.C.

OCT 1 & 1990

The Call VED

Owner:

Continental Gold Corporation 1020 - 800 West Pender Street Vancouver, B.C. V6C 2V6

### Operator:

Candela Resources Ltd. c/o Prime Explorations Ltd. P.O. Box 10 808 West Hastings Street Vancouver, B.C. V6E 2R1

### Author:

David St. Clair Dunn, F.G.A.C. Hi-Tec Resource Management Ltd. 1500 - 609 Granville Street Vancouver, B.C. V7Y 1G5 EOLOGICAL BRANCES SESSMENT REPORT

Sept. 5, 1990

### ARIS SUMMARY SHEET

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istrict Geologist, Smithers
                                                          Off Confidential: 92.08.20
ASSESSMENT REPORT 21034
                                   MINING DIVISION: Liard
 ROPERTY:
                Rush
LOCATION:
                LAT
                       57 53 00
                                     LONG
                                             132 09 00
                UTM
                       08 6419071
                                     668984
                       104F16E
                NTS
                Rush 1-4
-dLAIM(S):
                Candela Res.
OPERATOR(S):
                Dunn, D.St.C.
 UTHOR(S):
EPORT YEAR:
                1990, 61 Pages
COMMODITIES
SEARCHED FOR: Gold, Molybdenum/Molybdenite, Copper, Lead
                Triassic, Sediments, Volcanics, Intrusives, Quartz stockwork
 EYWORDS:
                Molybdenite
WORK
 ONE:
           Geological, Geochemical
           GEOL
                 400.0 ha
                Map(s) - 1; Scale(s) - 1:10 000
               115 sample(s); AU, AG, CU, PB, ZN, AS

Map(s) - 1; Scale(s) - 1:10 000

34 sample(s); ME
           SILT
RELATED
PEPORTS:
                19079
INFILE:
                104F
                      006
```

### 1.0 SUMMARY

A program of stream sediment sampling, lithogeochemical sampling and geological mapping was carried out on the Rush 1-4 mineral claims by a four person crew from the 21st of June, 1990 to the 26th of July, 1990. The targets of this program were vein, structure related and disseminated gold mineralization.

The Rush 1-4 claims overly a large, hydrothermally altered zone outlined by a weak gossan in a Triassic sedimentary-volcanic sequence. This bedded sequence has been intruded by a Late Triassic diorite stock, possibly coeval to the volcanics. Alteration of the sediments is mainly at the propylitic stage with minor argillic alteration near the intrusive contact.

Molybdenum mineralization is present in quartzorthoclase stringers near the intrusive contact. Past work
has focussed on this mineralization. At least five diamond
drill holes totalling 1833.5 metres were drilled, three in
1961 and two in 1969. Core from the latter holes was
relogged and sampled. One value of 0.24% Mo over 0.15 m and
gold values up to 60 ppb were returned. Labels on the 1961
core boxes were not legible enough to allow relogging.

Ten of 12 heavy mineral samples taken on the Rush claims returned anomalous to highly anomalous values in gold (517 ppb Au to 9205 ppb Au). The highest values came from "Glacier Creek", a south flowing drainage near the western boundary of the Rush 1 and 3 claims, that returned a value of 348 ppb Au in regional silt sampling conducted by the B.C.M.E.M.P.R. in 1988. This creek was panned during the course of the initial prospecting and stream sediment sampling program. Twenty colours were seen in a pan taken

at 860 m elevation and ten colours were observed in a pan taken at 1165 m elevation. Because of these results, the Rush 5 and Rush 6 mineral claims were staked north of the Rush 1 and Rush 2 to completely cover the anomalous drainage. Prospecting in this drainage outlined minor quartz sweat veins, stratiform sulphide pods in volcanic tuff, and a shear zone weakly mineralized with pyrite, all near the toe of the glacier. These zones were sampled and returned gold values up to 160 ppb. Orthoclase porphyry syenite float was also observed near the toe of the glacier.

Three colours were panned at elevation 1580 metres in Glacier Creek approximately 300 metres south of the toe of the glacier. Four heavy mineral samples, including one at the 1580 metre site, were taken in the upper part of Glacier Creek. These samples ranged from 1945 ppb gold to 3295 ppb gold.

on the north prospecting slope of Barrington River valley outlined a quartz stringer zone. This zone can be traced for 2.0 km along strike and varies from a single vein averaging 20 cm, to three veins 5-20 cm. The greatest width observed was 1.5 metres over a 20 metre strike length. This vein is the "Nod Vein" from Equity's 1990 report. The vein dips moderately to steeply north and strikes south easterly with a dextral offset of a few hundred metres at both of the north-south faults which Post The vein is erratically Creek and Glacier Creek follow. mineralized with chalcopyrite, galena, and pyrite. up to 252 g/t Ag and 37.9 g/t Au were returned over narrow (≤10 cm) widths. The vein crosses Glacier Cr. approximately 50.0 metres above the site of a 4945 ppb gold stream sediment sample taken at 1165 metres elevation. rock samples were taken of the vein and associated wall Wall rock samples did not contain appreciable



precious metals. Higher precious metals values and areas of more abundant sulphides in the vein correlate with narrower widths.

Prospecting and sampling in other areas of the claim block not covered by Equity in 1989 did not return any precious metals values of economic interest. High background values to 250 ppb gold were returned in the area of the molybdenum porphyry system.

### 2.0 CONCLUSIONS

A quartz-orthoclase stringer system associated with a diorite intrusion contains appreciable, but sub-economic, Significant precious metals values molybdenum values. outlined to date are confined to the "Nod Vein" and its eastern extension. This vein has good strike continuity but does not attain a large enough width to be of economic interest. The vein is exposed over 2.0 km of strike length It is unlikely that with only local widths over 20.0 cm. the vein expands at depth. The "Nod Vein" is undoubtedly the source of most of the gold in the highly anomalous stream sediment samples. Another source of gold must exist at the top of "Glacier Creek", either under or beside the glacier, as indicated by the four anomolous heavy mineral samples taken above the "Nod Vein" in this drainage.

### 3.0 RECOMMENDATIONS

Prospecting traverses should be carried out on either side of the glacier at the head of Glacier Creek. This work should take four person days and be done in conjunction with other work in the area.



The work should be done before the 29th of June, 1991, the assessment due date on the Rush 5 and Rush 6.

This program, if carried out with other work in the area, should cost approximately \$4,500.00.

Respectfully submitted,

David St. Clair Dunn, F.G.A.C.



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# <u>MAPS</u>

MAP 1: SAMPLE LOCATION. . . . . . . . . . IN POCKET MAP 2: GEOLOGY MAP. . . . . . . . . . . IN POCKET



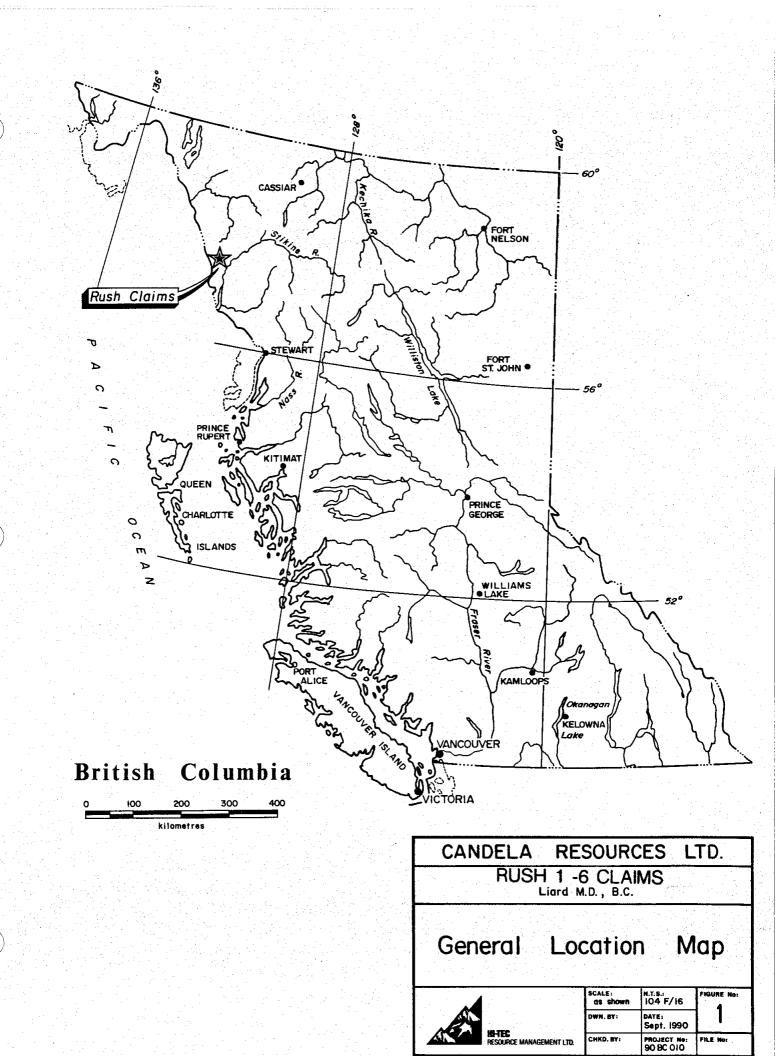
### 4.0 INTRODUCTION

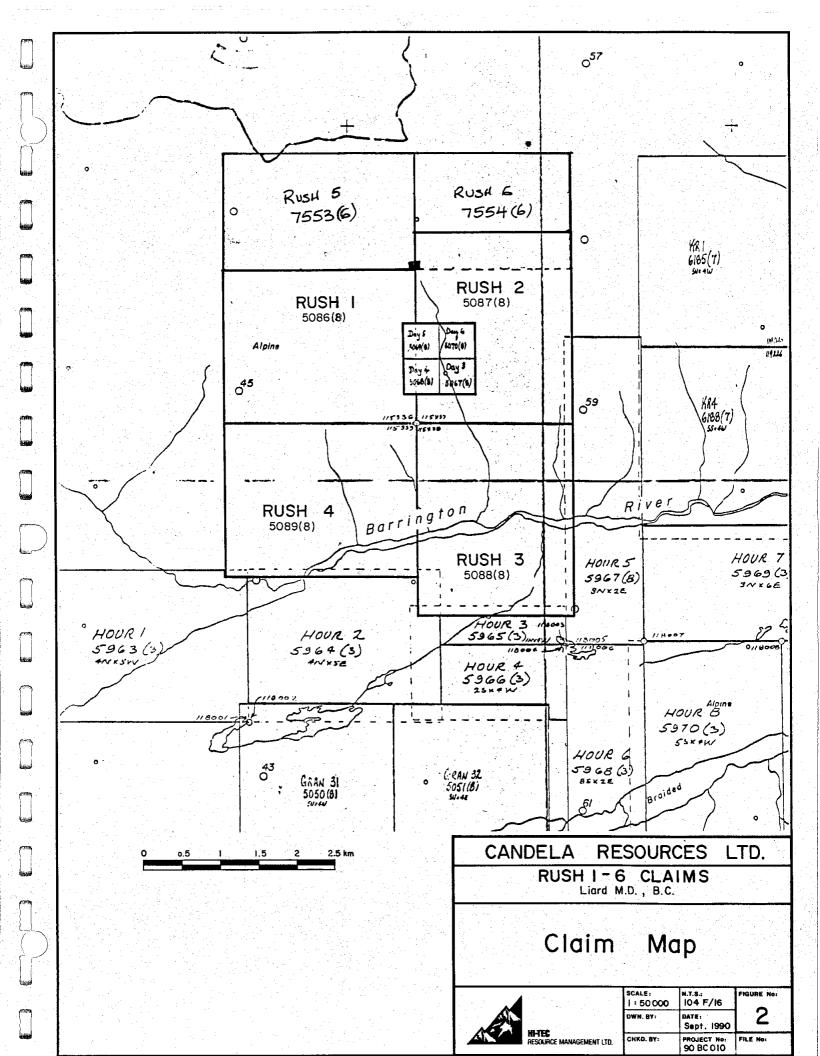
The Rush 1-6 claims, located in northwestern B.C., cover a weak gossan associated with a diorite intrusion into a middle and upper Triassic sedimentary and volcanic sequence. quartz orthoclase stringer stockwork with erratic molybdenum mineralization is present in the sediments near the diorite contact. Considerable past work, including at least five diamond drill holes, has been carried out on the molybdenum mineralization. The emphasis of this program was to outline any significant gold mineralization. sediment sampling, lithogeochemical sampling and geological mapping were carried out. Twenty one heavy mineral samples, 13 silt samples, and 115 rock samples were taken. square kilometres were geologically mapped at a scale of The work program as described was conducted for 1:10,000. Candela Resources Ltd., which holds an option on the claims from their registered owners Continental Gold Corporation.

### 4.1 Claim Status

The property consists of six contiguous claims, Rush 1-6, totalling 107 units (2675 ha). The mineral claims are owned by Continental Gold Corporation and are under option to Candela Resources Ltd. (the recently staked Rush 5 & 6 claims are owned by Candela Resources Ltd.) The property is located in the Liard Mining Division. Within the boundaries of the Rush 1-6 claims are four two post claims, the Day 3-6 totalling 4 units (100 ha). These claims are owned by parties other than Continental or Candela.







Relevant claim data for the Rush 1-4 claims is listed below:

Claim Name	Record	No.of uni	Lts	Rec.	date	Exp.	date
	(Pending	acceptance	of th	is as	sessme	ent re	eport)
Rush 1	5086	20		08/1	8/88	08/1	8/93
Rush 2	5087	20		08/1	8/88	08/1	8/93
Rush 3	5088	20		08/1	8/88	08/1	8/94
Rush 4	5089	20		08/1	8/88	08/1	8/94
Rush 5	7553	15		06/2	9/90	06/2	9/91
Rush 6	7554	12		06/2	9/90	06/2	9/91

The position of the legal corner post of the Rush 1-4 claims has not been verified by the author. The Rush 1-4 4N 0W corner post was located and was in the position indicated on the government claim map.

One post from the Day claims was located in "Post Creek" as stated in the Equity 1990 report. This would place the Day claims approximately 1.0 km west of their location on the government claim map.

### 4.2 Location and Access

The Rush 1-6 claims are located in north western British Columbia approximately 58 kilometres west of Telegraph Creek (See Fig. 1). They lie within the Liard Mining Division and are centered at 57° 53′ north latitude and 132° 09′ west longitude. Access is by helicopter from Telegraph Creek.

A secondary access road has been constructed to the Barrington River four kilometres from its confluence with

the Chutine River. This location is 23 km southeast of the Rush property.

# 4.3 Topography, Climate and Vegetation

The Rush property covers part of the north slope of the Barrington River near its headwaters. Elevation ranges from 800 metres on the river to 1960 metres in the north-west corner of the Rush 1 claim. Topography is rugged with the northern part of the claims being largely cliff or ice covered. Lower slopes are covered by a thick growth of bracken and slide alder. A few stands of mature spruce in the valley bottom have survived snow slides. Climate is mild with considerable precipitation which accumulates as up to 3 metres of snow in the winter.

# 4.4 Exploration History

The southern section of the Rush claims was staked in 1961 by South west Potash Corporation as the Sam group of 80 Work conducted over this claim group included geological mapping, geochemical sampling, airborne magnetometer surveying and 937 metres of diamond drilling in three Ax size drill holes. Traces of molybdenite were reported in all holes. The area was restaked in 1968 as the Ang 1-112 claims by Coronet Mines Ltd. Coronet conducted an airborne magnetometer survey in 1968 and probably drilled the two 1969 holes totalling 896.5 metres relogged in this report. (See Appendix C) No information is available on the latter work. Continental Gold Corp. staked the Rush 1-4 claims in 1988 and carried out 12 person days of prospecting.



A more detailed prospecting effort was carried out by Equity Engineering Ltd. for Candela Resources Ltd. in 1989. One significant showing consisting of a quartz stringer with an average width of 0.2 metres was discovered. This showing was named the "Nod Vein" by Equity. Recorded values are up to 0.15 oz/ton Au and 10.79 oz/ton Ag over 0.25 metres.

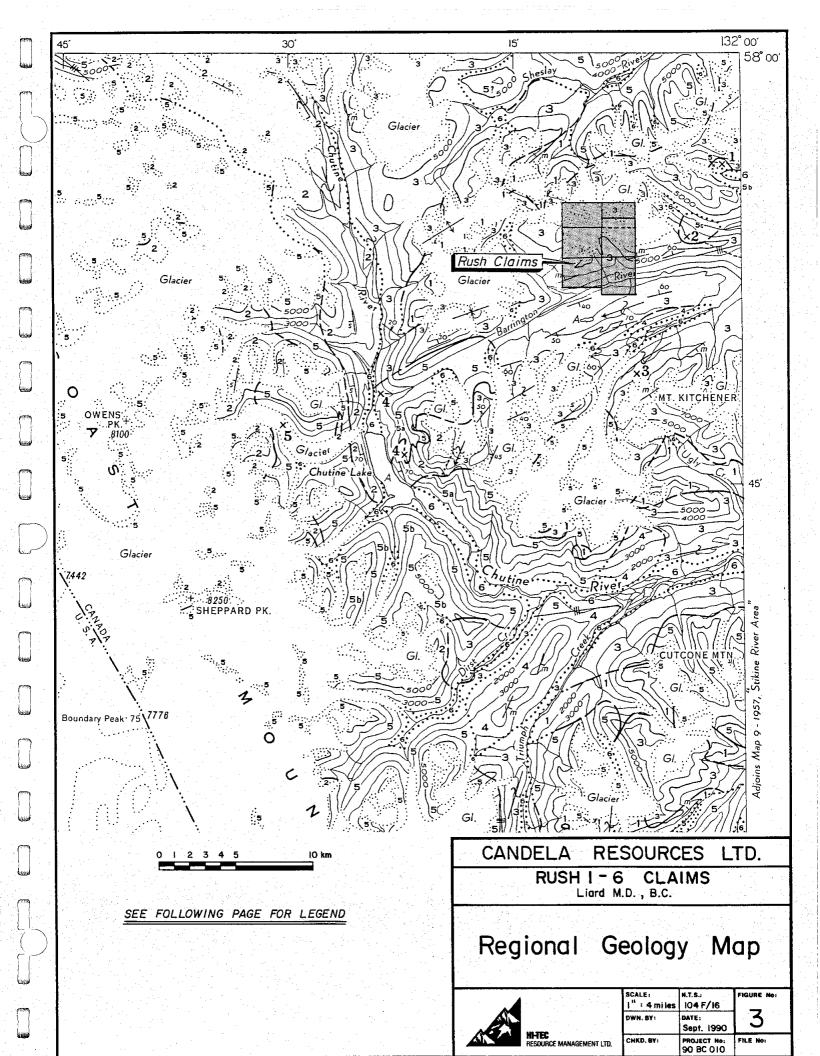
### 5.0 GEOLOGY

# 5.1 Regional Geology

The Rush Project area is on the Eastern flank of the main belt of the Coast Plutonic Complex and on the western margin of the Intermontane Belt within the Stikine Arch. The Stikine Arch consists of Permian to Middle Triassic ocean sediments unconformably overlain by rocks equivalent to Upper Triassic Stuhini Group island arc volcanics and sediments. These volcanics and sediments have been intruded by syenitic stocks and by quartz diorite and granodiorite plutons of the Coast Plutonic complex (Souther, 1971). Souther's (1958) mapping of map sheet 104F, where the Rush claims are located, show the Coast Range Intrusions as being post Lower Triassic age.

# 5.2 Property Geology

The Rush 1-6 claims are largely underlain by Upper Triassic sediments and volcanics (See Map 2). This assemblage strikes east northeast, dips moderately south and has been intruded by a Late Triassic diorite stock. Quartz-orthoclase stringers in the bedded rocks near the diorite contact contain molybdenite. Five drill holes totalling 1833.5 metres failed to outline any values of economic interest. Outside of the immediate contact area, the



### LEGEND

		LEGEND
SENOZOIC	F	ATERNARY PLEISTOCENE AND RECENT Fluviatile gravel, sand, and silt; glacial outwash; till and
CE	6	alpine moraine
	<i></i>	
		ASSIC (?) AND LATER POST LOWER TRIASSIC
	5	COAST INTRUSIONS  5, undivided; 5a, hornblende-biotite granodiorite, biotite-
		hornblende quartz diorite; minor leucogranite; 5b, pink biotite quartz monzonite; 5c, light grey leucocratic syenite
ŏ		ASSIC
22	, <u>v</u>	MIDDLE (?) AND UPPER TRIASSIC  3. Phyllite; interlaminated dark grey argillite, light grey
MESOZOIC	3 4	3. Phythite; interiaminated dark grey argittle, light grey siltstone, and fine-grained greywacke; light grey impure limestone and calcareous siltstone;
4		4. Green and greenish grey andesite, greenstone, and pillow
		basalt (intercalated with 3)
	TRI	ASSIC AND (?) EARLIER
	2	Quartz-albite-amphibole gneiss; amphibolite, quartz-biotite schist, garnetiferous schist, augen gneiss, and tremolite
		marble
C		
ZC	CAI	RBONIFEROUS (?) AND PERMIAN
- 입 <	1	Thick-bedded white and light grey limestone, calcareous shale,
LA	[	argillite, chert, and cherty siltstone
PALAEOZOIC	-	
		ological boundary (defined, approximate, assumed)
		dding (inclined, dip: m, moderate; s, steep)s
	Ant	icline
	Syn	cline
	Tre	and of complexly folded beds (direction of plunge known, unknown)
	Lin	eament (from air photographs)
	Fos	ssil locality
	Mir	neral occurrence×5
		INDEX TO MINERAL OCCURRENCES
	1	Small high-grade pockets of molybdenite near borders of stock
	2	Property presently held by American Metals-Climax Co.; pyrite-molybdenite-bearing quartz veinlets in fractured syenite
	3	Pyrite, chalcopyrite, and bornite (?) disseminated in sheared phyllite
	4	Veins and disseminated rosettes of coarse molybdenite in fine- grained leucogranite (5a)
	5	Float from medial moraine on glacier; fine-grained leucogranite with veins and disseminated rosettes of coarse molybdenite
		Geology by J.G. Souther, 1958
	Tra	iil
		table landing site for float-equipped aircraft
		ernational boundary
		··· ci
		itours (interval 1000 feet)
	Hei	ght in feet above mean sea-level

sedimentary-volcanic package is pyritized and exhibits The bedded sequence is cut by a propylitic alteration. series of north - south steeply dipping faults. These faults have an apparent dextral displacement of a few hundred metres and form the beds of Glacier, Post and Hat A southeasterly striking, moderately to steeply north dipping quartz stringer outcrops along the north slope of the Barrington River on the Rush 3 and Rush 4 claims. This stringer is offset by the north - south faults. stringer carries base metal sulphides and high precious metals values over narrow widths (37.9 g/ton Au over 0.10 m, 252 g/t Au over 0.05 m). The largest width it attains is 1.5 metres over a strike length of 20 metres. The stringer is unmineralized in this area.

Minor sulphides were observed in the north - south trending faults, but no values of economic interest were returned in the chip samples taken.

Stratiform sulphide mineralization was observed near the head of Glacier Creek but no values of economic interest were returned in samples taken.

Orthoclase porphyry syenite float was observed at the toe of the Glacier on Glacier Creek, but the source of this float was not located.

### 6.0 1990 WORK PROGRAM

The 1990 work program consisted of detailed stream sediment sampling, prospecting in areas not covered by Equity, and geological mapping. A total of 21 heavy mineral samples, 13 silt samples, and 115 rock samples were taken. Particular attention was paid to the "Nod Vein" with 34 rock samples, mostly chip samples, taken from the vein and its

wall rock. These samples returned values up to 37.9 g/t Au and 252 g/t Ag in sulphide rich zones of 0.1 metres and less. Outside of these narrow zones, values returned from chip samples of the vein are up to 235 ppb Au, but average 40 ppb Au. Wall rock samples did not return significant values. The vein and its offset extensions were traced for approximately 2.0 km. One section of the vein widens to 1.5 metres for a strike length of a few tens of metres, but this section did not carry significant precious metals values.

Prospecting outside this area and resampling the 1969 diamond drill core did not outline any other areas with significant precious metals values.

One enigma remains in that the very high stream sediment values in Glacier Creek are only partly due to the "Nod Vein". Gold was panned above the Nod Vein and heavy mineral samples were anomalous up to the toe of the glacier. othoclase porphyry syenite float was observed at the toe of the glacier along with stratiform sulphide mineralization in place in volcanic tuff. Another source of gold, probably associated with one of the above rock types must exist under or beside the glacier.

Samples were treated as described in Appendix B with one exception. Core samples were analyzed for gold as described, then analyzed for 30 elements by ICP as described for soil samples.



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# APPENDIX A CERTIFICATES OF ANALYSIS

10041 EAST TRANS CANADA HWY. KANLOOPS, B.C. V2C 233 PHONE - 604-573-5700 FAX - 604-573-4557

JULY 4, 1990

VALUES IN PPH UNLESS OTHERWISE REPORTED

PRIME EXPLORATIONS - ETK 90-208

1500, 609 GRANVILLE STREET P.O. BOX 10362 VANCOUVER, B.C. V7Y 1C6

ATTENTION: TERRY BITTLE

PROJECT: 90-BC-010 RUSH

7 SILT SAMPLES RECEIVED JUNE 26, 1990

e s a	NESCRIPTION ALLOOD)	AG AL(%)	AS	8	BA	BI CA(%)	CD	CO	CR	CU FE(%) K(%)	LA HG(X)	MN	HO NA(%)	NI P	PB	\$B	SN ======	SR TI(%)	U :::::::	V :======:	W 1		==
208 - 1 208 - 2 208 - 3 208 - 4 208 - 5 208 - 6	DESCRIPTION AU(PPb)  104074 30 104083 35 104085 25 104182 15 104184 5 104187 25	.8 1.39 .6 1.21 .6 2.16 1.0 2.09 2.2 2.04 .4 1.04	440 50 175 80 180 50	(2 (2 (2 (2 (2 (2 (2	45 50 110 80 115 45	(5 2.12 (5 1.16 (5 1.03 (5 .51 10 .91 (5 1.17 (5 1.69	0 0 0 0 0 0 5	25 18 49 29 59 18	20 15 100 26 45 13	97 4.62 .04 98 4.00 .03 177 6.84 .27 115 6.25 .11	10 1.00 10 2.55 10 1.75	972 857 1843 1558 1615 894 907	4 .04 5 .04 6 .05 6 .04 15 .06 4 .04 4 .04	32 1500 29 1660 74 1410 29 1270 52 1220 27 1600 27 1510	10 10 32 30 94 8	5 10	(20 (20	80 .10 41 .06 91 .12 39 .09 117 .20 36 .05 49 .05	(10 (10 (10	50 (1) 150 (1) 106 (1) 232 (4) 45 (1)	0 6	119 123 167 167 180 114 114	3 7 0 8

NOTE: ( = LESS THAN

FAX: D. DUNN @ 235-3290

TERRY BITTLE - PRINE EXPLORATIONS

D. DUNN C/O TRANS HORTH AIR

TELEGRAPH CREEK, B.C.

SC90/HI-TEC

ECO-TECH LABORATORIES LTD.

JUTTA JEAI OUSE

B.C. CERTIFIED ASSAYER



ASSAYING - ENVIRONMENTAL TESTING 10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

JULY 6, 1990

### CERTIFICATE OF ANALYSIS ETK 90-207

PRIME EXPLORATIONS LTD. P.O. BOX 10, 10TH FLOOR 808 WEST HASTINGS STREET VANCOUVER, B.C. V6C 2X4

ATTENTION:

TERRY BITTLE

SAMPLE IDENTIFICATION: 9 HEAVY MINERAL samples received June 26, 1990

PROJECT: 90-BC-010 RUSH

SHIPMENT NO.: 2

ET# De	escription	AU (ppb) (	AG PPm)	CU (ppm)	PB (များကို)	ZN (ppm)	MO (ppm)
207 - 1 207 - 2 207 - 3 207 - 4	104073 104075 104080 104081	2630 50 2145 4945	6.9 5.1 7.7 6.0	194 314 137 152	64 51 78	181 174 110 113	14 64 18
207 - 4 207 - 5 207 - 6 207 - 7	104081 104084 104181 104183	517 3255 40	2.0	174 59 251	58 11 112	94 97 178	23 13 26
207 - B 207 - 5	104186 104188	9205 1985	2 2	118	8	195 98	12 10

JUTITA JEALOUSE!

FAX:

B.C. Cent of led Assayer
D. DUNN @ 235-3270 / TERRY BITTLE - PRIME EXPLORATIONS
D. DUNN C/O TRANS NORTH AIR

cc:

TELEGRAPH CREEK, B.C.



ASSAYING - ENVIRONMENTAL TESTING 10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

JULY 6, 1990

### CERTIFICATE OF ANALYSIS ETK 90-217

PRIME EXPLORATIONS LTD. P.O. BOX 10, 10TH FLOOR 808 WEST HASTINGS STREET VANCOUVER, B.C. V6C 2X4

ATTENTION:

TERRY BITTLE

SAMPLE IDENTIFICATION:

5 ROCK samples received June 26, 1990

MIL

PROJECT: 90 - BC - 010 RUSH

SHIPMENT NO.: 2

ET#	Description	AG (ppm)	(ppm) (ppm)	(ppm) (ppm)	AS (ppm)
217 217 217 217 217 217	- 2 104078 - 3 104079	)30.0 1.0	214 615 57 458 50 289 319 8 81 7	24 > 1000 9 > 1000 8 > 1000 164 17 29 13	273 195 14

NOTE: > = GREATER THAN

ECO-TECH LABORATORIES LTD.

JUTTA JEALOUSE

B.C. Certified Assayer

D. DUNN @ 235-3290

TERRY BITTLE PRIME EXPLORATIONS

D. DUNN C/O TRANS NORTH AIR

TELEGRAPH CREEK, B.C.



**ASSAYING - ENVIRONMENTAL TESTING** 10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

JULY 6, 1990

CERTIFICATE OF ANALYSIS ETK 90-217 A 

PRIME EXPLORATIONS LTD. P.O. BOX 10, 10TH FLOOR 808 WEST HASTINGS STREET VANCOUVER, B.C. V6C 2X4

ASSAYS

ATTENTION: TERRY BITTLE

SAMPLE IDENTIFICATION: 5 ROCK samples received June 26, 1990

PROJECT: 90 - BC - 010 RUSH

SHIPMENT NO.: 2

ET# Description	AU (g/t)	AU (oz/t)	AG (g/t)	MO (%)
217 - 1 104077 217 - 2 104078 217 - 3 104079 217 - 4 104185 217 - 5 104190	.25 .09 .26 .03 .03	.007 .003 .008 (.001	108.2 49.4 30.3	.2 .58 .26

NOTE: < = less than

ECO-TECH LABORATORIES LTD. ΊὑΤΤΑ ĴΕΑμΟυŚE

B.C. Certified Assayer

FAX: D. DUNN @ 235-3290

TERRY BITTLE PRIME EXPLORATIONS D. DUNN C/O TRANS NORTH AIR

TELEGRAPH\CREEK . B .C.

10041 EAST TRANS CANADA HWY. KANLOOPS, B.C. U2C 2J3 PHONE - 604-573-5700 FAX - 604-573-4557

JULY 6, 1990

VALUES IN PPH UNLESS OTHERWISE REPORTED

PRIME EXPLORATIONS LTD. - ETK 90-228

10TH FLODR, 808 W. HASTINGS STREET VANCOUVER, B.C. V&C 2X4

ATTENTION: TERRY BITTLE

PROJECT: 90-BC-010 RUSH

I SILI SAMPLE RECEIVED JUNE 26, 1990

SHIPHENT NO.: 2

ETI	DESCRIPTION AU(ppb)	AG AL(%)	AS	8	BA	BI CA(%)	CO	CO	CR	CU FE(%) K(%)	LA MG(%)	) MN	HO NA(%)	Ni 	P ======	PB	SB	SN	SR TI	(X)	U ======		¥ ======	Y :=====	ZN
228 - 1	104081 70	1.6 1.44	60	(2	75	(5 .63	(  	24	11	92 4.54 .09	(10 1.01	832	4 .05	21	1190	24	5	(20	40	.03	(10	49	(10	4	115

NOTE: ( = LESS THAN

FAX: D. DUNN @ 235-3290 TERRY BITTLE @ 687-2309

cc: VIRGINIA KURAN HI-TEC. SC90/HI-TEC 010 ECO TECH LABORATORIES/LID.

B.C. CERTIFIED ASSATER

10041 EAST TRANS CANADA HWY.

PRIME EXPLOARTION LTD. - ETK 90-273

· · .

KAMLODPS, B.C. V2C 2J3
PHONE - 604-573-5700
FAX - 604-573-4557

VALUES IN PPH UNLESS OTHERWISE REPORTED

V6C 214

10TH FLOOR, 808 WEST HASTINGS STREET

VANCOUVER, B.C.

PROJECT: 90-BC-010 RUSH
5 SILT SAMPLES RECEIVED JULY 9 , 1990

ETI	DESCRIPTION AU(ppb)	AG AL(X)	AS	В	BA -	BI CA(Z)	CĐ	CO	CR	CU FE(I)	K(1)	LA MG(X)	MN	MO NA(X)	NI	ρ 	PB	SB	SN ======	SR TI(Z)		V	¥ :======	Y =====	ZR ====
273 - 273 -	DESCRIPTION AU(ppb)  1 104327 30 2 104331 15 3 104333 70 4 104336 10 5 104344 20	.2 1.83 .2 1.89 .4 2.30 .2 1.46	20 25 45 30	<pre>&lt;2   &lt;2   &lt;2   &lt;2   &lt;2   &lt;2   &lt;2   &lt;2</pre>	70 60 70 55 195	(5 2.58 (5 1.73 (5 .60 (5 2.14 (5 .89	(1 (1 (1 (1 (1	17 20 29 20 40	13 17 26 13 22	79 3.85 90 4.48 148 6.23 88 3.92 130 7.60	.05 .05 .05 .04	10 1.56 10 1.67 10 1.10	1376 1530 1811 1338 3497	3 .03 5 .02 8 .03 6 .03 8 .04	23	1630 1540 1550 1930 1850	10 12 12 14 60	15 15 10 10 25	(20) (20) (20) (20) (20)	67 .14 57 .11 29 .10 66 .09 76 .29	(10 (10 10 (10 (10	57 57 81 50 118	(10 (10 (10 (10 10	5 6 7 6 9	60 101 141 100 187

NOTE: ( = LESS THAN

FAX: D.DUNN 235-3290 TERRY BITTLE 687-2309 V.KURAN 685-6806 CC: VIRGINIA KURAN

HI-TEC SC90/HITEC 010 ECO-TECH LABORATORIES LTD.

JUTTA JEALOUSE B.C. CERTIFIED ASSAYER



ASSAYING - ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

JULY 13, 1990

CERTIFICATE OF ANALYSIS ETK 90-272

PRIME EXPLORATIONS LTD.

10TH FLOOR, 808 W. HASTINGS STREET VANCOUVER, B.C.

V6C 2X4 V7Y 1C6

ATTENTION: TERRY BITTLE HEAVY MINERAL

SAMPLE IDENTIFICATION: 5 ROCK samples received July 9, 1990

----- PROJECT: 90-BC-010 RUSH

SHIPMENT NO.: 4

ET#	Description	n (1	Au (ppi	Ag Cu n)(ppm;		Zn (ppm)	
272 <b>-</b>		= <b>x</b> ======	======= 1945	.7 145	26	115	
	2 104332		3045 1	.1 112	19	96	
272 -	3 104335		265	.9 126	37	93	
272	4 104343		3295 1	.2 106	53	105	
272	5 104417		2180	.7 133	29	98	

NOTE: < = less than

ECD-TECH LABORATORIES LTD.

JUTTA JEALOUSE

B.C/ Certified Assayer

FAX: T. BITTLE @ 687-2309

D. DUNN @ 235-3290

V. KURAN @ 685-6806

cc. V. KURAN HI-TEC

SC90/HI-TEC010



ASSAYING - ENVIRONMENTAL TESTING 10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

JULY 17, 1990

CERTIFICATE OF ANALYSIS ETK 90-269 

PRIME EXPLORATIONS LTD.

10TH FLOOR, 808 W. HASTINGS STREET ASSAYS

VANCOUVER, B.C.

V6C 2X4

ATTENTION: TERRY BITTLE

SAMPLE IDENTIFICATION: 24 ROCK samples received July 9, 1990

PROJECT: 90-BC-010 RUSH

SHIPMENT NO.:4

					MO	CU	
ET#	· .	Description	l		% )	(%)	
===== 269 <del>-</del>	==== 4	104139			====: 24		=====
269 -	11	104334				.15	
269 -	24	104418				.86	

NOTE: < = less than

ECO-TECH LABORATORIES LTD.

B.C. Certified/Assayer

JUTTA JEALOUŚE /

FAX: T. BITTLE @ 687-2309

D. DUNN @ 235-3290

V. KURAN @ 685-6806

cc. V. KURAN HI-TEC



ASSAYING - ENVIRONMENTAL TESTING 10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

JULY 17, 1990

CERTIFICATE OF ANALYSIS ETK 30-269 / )-

PRIME EXPLORATIONS LTD.

10TH FLOOR, 808 W. HASTINGS STREET

VANCOUVER, B.C.

V6C 2X4

ATTENTION: TERRY BITTLE

SAMPLE IDENTIFICATION: 24 ROCK samples received July 9, 1990

PROJECT: 90-BC-010 RUSH

SHIPMENT NO.:4

ET#	Description	Au (ppb)	Ag (ppm)	(ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)	As (ppm)
269 -	======================================	:= <b>===</b> ================================	.2	====== 74	======= 2 4	34	====== 162	10
269 -	2 104137	5	⟨.1	48	3	121	578	11
269 -	3 104138	10	<.1	68	· 7	42	191	11
269 -	4 104139	10	.2	148	: 8	134	> 1000	8
269 -	5 104140	10	<.1	30	± 9	114	240	3
269 -	6 104141	. 5	<.1	19	114	42	693	3,
269 -	7 104142	5	₹.1	15		33	918	12
269 -	8 104324	5	<.1	42	1.6	11	50	. 7
269 -	9 104328	5	<.1	3	5	:3	22	7
269 -	10 104329	5	<.1	1.67	7	63	: 7	13
269 -	11 104334	10	2.2	> 1000	22	1.00	7	2
269 -	12 104337	10	: ⟨.1	41	54	313	22	* 8
269 -	13 104338	5	<.1	39	3.76	42	20	8
269 -	14 104339	15	<.1	66	14	59	5.5	4
269 -	15 104340	5	<.1	67	<b>31</b> 1	81	5	13
269 -	16 104341	160	<.1 ⋅	52	5124	56	4	5
269 -	17 104413	5	. 4	186	্ <b>া</b> 5	100	1.2	47
269 -	18 104415	5	.2	65	5 <b>1</b> 4	.32	, et al. 199 <b>7</b> .	8
269 <b>-</b>	19 104410	10	.2	199	6	61	10	<b>23</b> 8
269 -	20 104411	180	2.8	287	≥ 10	39	27	449
269 -	21 104412	60	1.7	313	14	158	20	<b>3</b> 3
269 -	22 104414	10	₹.1	249	24_5	85		12
269 -	23 104416	15	.8.	98	57	338	15	<b>6</b> 8
269 <del>-</del>	24 104418	10	.2	> 1000	<b>8</b> , 31, 51	395	3 - 6	19

NOTE: < = less than

ECO-TECH LABORATORIES LTD

JUTTA DEALOUSE LANGE

FAX: T. BITTLE @ 687-2309

D. DUNN @ 235-3290

V. KURAN @ 685-6806

B.C. Certified Assayer

CC. V. KURAN HI-TEC



ASSAYING - ENVIRONMENTAL TESTING 10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

JULY 17, 1990

CERTIFICATE OF ANALYSIS ETK 90-269 

PRIME EXPLORATIONS LTD.

10TH FLOOR, 808 W. HASTINGS STREET A S S A Y S

VANCOUVER, B.C.

V6C 2X4

ATTENTION: TERRY BITTLE

SAMPLE IDENTIFICATION: 24 ROCK samples received July 9, 1990

PROJECT: 90-BC-010 RUSH

SHIPMENT NO.:4

ET#	Description	MO (%)	(%)
269 <b>-</b> 4	104139	.24	
269 - 11	104334		.15
269 - 24	104418		.86

NOTE: < = less than

ECO-TECH LABORATORIE

.B.C. Certified/Assayer

JUTTA JEALOUŚE /

FAX: T. BITTLE @ 687-2309

D. DUNN @ 235-3290

V. KURAN @ 685-6806

V. KURAN HI-TEC cc.



ASSAYING - ENVIRONMENTAL TESTING 10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

JULY 23, 1990

CERTIFICATE OF ANALYSIS ETK 90-305

PRIME EXPLORATIONS LTD.

10TH FLOOR, 808 W. HASTINGS STREET

VANCOUVER, B.C.

V6C 2X4

V7Y 1C6

ATTENTION: TERRY BITTLE

SAMPLE IDENTIFICATION: 17 ROCK samples received July 16, 1990

PROJECT: 90-BC-010 RUSH

SHIPMENT NO.: 5

ET#		Descriptio	in.	( F	Au opb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	. <b></b> _
305 305 305 305 305 305 305 305 305 305	- 22 - 34 - 55 - 67 - 10 - 11 - 12 - 13 - 15 - 15	93004 93005 93006 93007 93008 93026 93027 93027 93031 93032 93033 93034 104426 104427 5 104428	in :=====	( <b>F</b>	5 10 5 5 5 5 5 10 30 5 720 230 40 10 5	3.4 .2 .4 8.4 .3 .1 .3 .30.0 2.6 >30.0 1.5 .8 3.6 2.4	78 95 58 36 731 31 112 60 146 164 85 92 104 37 >1000 23	9 16 6 14 8 8 11 12 >1000 541 >1000 >1000 318 79 755 558	60 127 74 26 108 22 97 81 435 294 397 >1000 72 48 25 8	
305	- 17	7 104430			5	.2	9	23	5	

NOTE: > = greater than

ECO-TECH LABORATORIES LTD.

JUTTA JEALOUSÉ

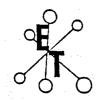
T. BITTLE @ 687-2309 FAX:

D. DUNN @ 235-3290

V. KURAN @ 685-6806

B.C. Certified Assayer

V. KURAN HI-TEC CC.



ASSAYING - ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

JULY 23, 1990

CERTIFICATE OF ANALYSIS ETK 90-305 \_\_\_\_\_\_

PRIME EXPLORATIONS LTD.

10TH FLOOR, 808 W. HASTINGS STREET

VANCOUVER, B.C.

ASSAYS

V6C 2X4 V7Y 1C6

ATTENTION: TERRY BITTLE

SAMPLE IDENTIFICATION: 17 ROCK samples received July 16, 1990

PROJECT: 90-BC-010 RUSH

SHIPMENT NO.: 5

ET# Description	Ag Cu	Pb	Zn
	(g/t) (%)	(%)	(%)
305 - 9 93031	150.4	4.10	
305 - 11 93033	101.6	1.16	
305 - 12	61.8	1.28	.22

ECO-TECH LABORATORIES LTD.

JUTTA JEALOUSE

B.C. Certified Assayer

T. BITTLE @ 687-2309 FAX:

D. DUNN @ 235-3290

V. KURAN @ 685-6806

V. KURAN HI-TEC CC.

10041 EAST TRANS CANADA HWY. KAMLOOPS, B.C. V2C 2J3 PHONE - 604-573-5700 FAX - 604-573-4557

JULY 23, 1990

VALUES IN PPM UNLESS OTHERWISE REPORTED

PRIME EXPLORATIONS LTD. - ETK 90-312

10TH FLOOR, 808 W. HASTINGS STREET VANCOUVER, B.C. V6C 2X4

ATTENTION: TERRY BITTLE

PROJECT: 90-80-010 RUSH

14 RDCK SAMPLES RECEIVED JULY 16, 1990

ET			DESCRIPTION			AL(Z)	AS	. 8	BA	91 CA(X)	CD	CO	CR	cu fe		LÁ	MG(X)	MM	HO I	NA(Z)	NI	Р	PB	SB	SN	SR 1	(X)	U	٧	¥	Y	ZN
31		====	======================================	10	22222 1.4	:===== 1	:=====: 5	======: 6	170	5 1.42	===== {	20	110	175 3.	1.2	 (10	1.19	633	44	.09	17	1120	6	⟨5	<20	38	.28	10	144	10	5	78
31	-	2	104145	10	4.6	1.96	10	2	630	(5 ,70	(1)	19	183	62 4.	16 1.01	(10	1.16	783	260	.05	- 11	880	16	⟨5	<20	13	.32	10	142	(10	6	79
31	2 -	3	104146	5		2 1.81	30	8	140	(5 4.47	Œ	16	62	134 5.	10 .22	10	1.82	1481	78	.02	111	1780	12	. 5	₹20	256	.01	20	97	10	8	96
31	2 -	4	104147	30	. 6	.54	30	8	85	<b>(5 2.88</b>	(1	13	222	43 3.	90 .22				1886	.01	. 7	720	12	5	(20	118	.01	20	35	10	4	69
31	2 -	5	104148	45		.69	. 10	10	65	20 2.48	(I	- 11	145	38 3.	82 .25	₹10	1.05	2757	2241	.02	5	870	20	₹5,	⟨20	119	.02	10	43	20	£	208
- 31	2 -	6	104149	10	(.7	1.77	15	4	150	15 1.82	(1	21	163	155 4.				1561	298	.07	14	880	18	₹5	₹20	33	.22	20	142	40	4	132
31	2 -	7	104150	50		2 1.46	15	2	90	(5 3.46	<b>(1</b>	16	103		88 .27	. <10		2174	109	.03				5.	(20	80	.07	10	115	20	<b>.</b>	157
	2 -		104251	5	- 4	2.11	5	₹2	275	<b>(5 3.17</b>	(1	20	102	87 4.				1813	197	. 05	13	870	10	5	(20	321	.12	20	152	20	t.	131
	2 -	-	104252	5		1.45	10	. 4	110	(5, 3.61	- (I	20	66	95 4.		(10		2512	1113	.03	ાદ	970	: 16	(5	(20	185	.01	10	125	20	4	225
	2 -		104253	60			10	4	140	10 1.52	G .	14	257	283 2.		- (10	1.22	B62	680	.03	5/	2520	8	10	(20	36	.07	20	362	10	3	112 240
	2 ~		104254			4.10	40	₹2	165	60 5.33	(1	37	190	227 6.			3.05	2532	211	.04	81	920	16	12	(20)	229	10	10	273 116	20	4	210 57
	2 -		104255	45 30		3.05	) /5	2	105 95	(5 4.08 (5 2.51	CI CI	20	55	79. 3. 133 1.	33 .14	(10 (10)	1.64	1333 275	. / 11b 21	.17	. 30 26	410 480	10	10	₹20 ₹20	122 88	. 15	10	77	(10	3	23
31	2 -	IJ	104770	ay	3.2	3,17	1.0	2	. 74	/4 5:41	11	14	71	133 1	,, ,,,			210	٤.			130	• •	• •				• •	• •			

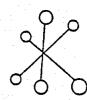
NOTE: ( = LESS THAN

FAX: 0. DUNN @ 235-3290

TERRY BITTLE @ 687-2309

VERGENEA KURAN

HI-TEC. SC90/HI-TEC 010 ECR-TEGH LABORATORIES LYD. JUTTA JEALOUSE B.C. CERTIFIED ASSAYED



ASSAYING - ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

JULY 23, 1990

CERTIFICATE OF ANALYSIS ETK 90-312A

PRIME EXPLORATIONS LTD. 10TH FLOOR, 808 W. HASTINGS STREET VANCOUVER, B.C.

V6C 2X4

ATTENTION: TERRY BITTLE

SAMPLE IDENTIFICATION: 14 ROCK samples received July 16, 1990

----- PROJECT: 90-BC-010 RUSH

SHIPMENT NO .:

ECO-TECH LABORATORIES LTD.

JUTTA JEALOUSE B.C. Certified Assayer

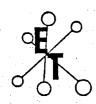
Ho

FAX: T. BITTLE @ 687-2309

D. DUNN @ 235-3290

V. KURAN @ 685-6806

cc. V. KURAN HI-TEC



ASSAYING - ENVIRONMENTAL TESTING 10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

JULY 24, 1990

CERTIFICATE OF ANALYSIS ETK 90-306 

PRIME EXPLORATIONS LTD. P.O. BOX 10, 10TH FLOOR 808 WEST HASTINGS STREET VANCOUVER, B.C. V6C 2X4

ATTENTION: JIM FOSTER

2 HEAVY MINERAL samples received July 16, 1990 SAMPLE IDENTIFICATION:

PROJECT: 90-BC-010 RUSH

SHIPMENT NO .:

ΑG AU CU (ppm) (ppm) (ppm) ET# Description (ppb) 33 91 93029 60 116 306 -1 97 590 6.0 177 38 2 93030 306 -

ECO-TECH LABORATORIES LTD.

JUTTA JEALOUSE

B.C. Certified Assayer

FAX: J. FOSTER PRIME

CC. V. KURAN HI-TEC SC90/HIGH TEC-010



ASSAYING - ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy., Kamioops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

JULY 27, 1990

CERTIFICATE OF ANALYSIS ETK 90-313

PRIME EXPLORATIONS LTD. P.O. BOX 10, 10TH FLOOR 808 WEST HASTINGS STREET VANCOUVER, B.C. V6C 2X4

ATTENTION: JIM FOSTER

SAMPLE IDENTIFICATION: 1 HEAVY MINERAL samples received July 16, 1990

PROJECT: 90-BC-010 RUSH

SHIPMENT NO.: 6

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE

B.C. Certified Assayer

FAX: J. FOSTER

CC. V. KURAN



ASSAYING - ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

AUGUST 2, 1990

CERTIFICATE OF ANALYSIS ETK 90-362

FRIME EXPLORATIONS LTD. P.O. BOX 10, 10TH FLOOR 808 WEST HASTINGS STREET VANCOUVER, B.C. V6C 2X4

ATTENTION: JIM FOSTER

SAMPLE IDENTIFICATION: 55 RDCK samples received JULY 25, 1990

PROJECT: 90-BC-010 RUSH SHIPMENT NO.: 6

	SHIFMENT	NO.:	6			
	UA	AG	CU	FB	ZN	AS
ET# Description	(ppb)	(ppm)	(ppm)	(bbw)	(bbw)	(ppm)
362 - 1 93035		\=======				
362 - 1 93035 362 - 2 93036	<u> </u>	/ 1.1 .2	(51) 52,		74 76	/
362 - 3 93037	25	·	6-	23	7 <del>6</del>	4
	25 5	>30.0	106	1000	572	16
		9	237	47	106	5
	₹5	7.1		>1000	21	5
362 - 6 93040	5	سي المعلق	32	44	<b>5</b> 3	5
362 - 7 93041	10			51	71	4
362 - 8 93042	30	1 (1)	68	57	72	13
362 - 9 93043	15	/ /~	64	30	74	12
362 - 10 93044	5.	\\ \ <del>`</del>	67	26	101	10
362 - 11 93045	20	$\mathcal{E} \cdot II$	45	25	70	11
362 - 12 93046	10 5 10 10 10 10 10 10 10 10 10 10 10 10 10		65	18	88	32
362 - 13 93047	( 5	) 1	54	7	14	13
362 - 14 93048			68	. 8	9	42
362 - 15 93049	/ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	.5	241	41	86	12
362 - 16 9305 <b>1</b>	~ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	9.3	267	>1000	367	50
362 <b>-</b> 17 93052	( /) 5	1.4	155	83	237	21
-362 <b>-</b> 18 930[53	70	>30.0	681	>1000	645	60
362 <b>- 1</b> 9 93 <i>0</i> 54	<b>\( \)</b> \( \) \( \)	1.3	82	249	61	18
362 – 20 9305් <b>ද</b>	10	. 1	86	36	64	5
362 - 21 93056	5	.5	125	34	77	14
362 - 22 93057	5	. 1	41	18	21	8
362 - 23 93058	10	1.2	189	40	213	40
362 - 24 93059	5	. 1	- 30	14	15	8
362 - 25 93060	5	. 1	54	26	102	6
362 - 26 93061	5		139	21	42	5
362 - 27 93062	5		138	23	27	3
362 - 28 93063	25	. 7	864	28	37	9
362 - 29 93064	>1000	>30.0	>1000	24	46	· · 4
362 - 30 93065	235	.4	181	11	35	. 5



ASSAYING - ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy., Kamioops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

PRIME EXPLORATIONS LTD.

ET#		Desc	ription		UA (dqq)	AG (maq)	CU (ppm)	PB (ppm)	ZN (ppm)	AS (mqq)
362	- 3	31	93066		35	. 1	48	7	. 11	15
362	- 3	32	93067		15	. 1	159	17	57	4
362	- 3	33	93068		5	. 1	175	12	58	4
362	- 3	84	93069		5	. 1	208	16	71	7
362	- 3	35	93070		10	. 1	154	11	50	3
362	- 3	36	93071		5	- 1	173	12	63	2
362	y <del>-</del> - 1	37	93072		5	.1	175	13	54	E
362	- 3	38	104431		10	. 1	52	15	63	ব
362		3 <sup>-</sup> 9	104432		5	. 1	8	2	5	5
362	4	ŧ0	104433		5	. 1	51	7	61	1
362	- ' 2	11	104434		<5	<.1	. , 70	<b>/</b> 20	66	1
362		12	104435		5	<b></b>	8,00	<b>[</b> ] 3	1	2
362	- 4	13	104436		5	. 1	84	24	71	1
362	<b>-</b>	14	104437		10	4.1	138	1000	8	1
362		<del>1</del> 5	104438		<5	سر <sup>1</sup> .	57	12	58	2
362		1 <b>6</b>	104439		30	1.02	V1000	345	23	· 3
362	_	47	104440		<5	July July	134	4	58	1
362	- :	<del>1</del> 8	104441		₹5 .	المدامي مسم	<b>/</b> 211	3	117	1
362		4'9	104442		<_5	1 4	225	5	13	$\epsilon$
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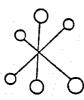
ECO-TECH LABORATORIES LTD.

JUTTA JEALOUSE B.C. Certified Assayer

J. FOSTER 1-687-2309

cc: V. KURAN HI-TEC

SC90/HIGH TEC-011



ASSAYING - ENVIRONMENTAL TESTING 10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

AUGUST 3, 1990

CERTIFICATE OF ANALYSIS ETK 90-362 

PRIME EXPLORATIONS LTD. P.O. BOX 10, 10TH FLOOR 808 WEST HASTINGS STREET VANCOUVER, B.C. V6C 2X4

ASSAYS

ATTENTION: JIM FOSTER

SAMPLE IDENTIFICATION: 55 ROCK samples received JULY 25, 1990

PROJECT: 90-BC-010 RUSH

SHIPMENT NO.: 6

ET#		Description		AU (g/t)	AU (oz/t)	AG (g/t)	CU (%)	PB (%)
362 - 362 -		3 93037 5 93039			. ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ	52.4		.26
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362 - 362 - 362 -	4			37.83		ر ما ما ما ما	.17	.19

NOTE: \* SAMPLE SCREENED AND METALLIC ASSAYED

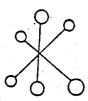
EZÓTTECH LABORATORIES LTD.

JUTTA JEALOUSE \_certified Assayer

1/68/1-230/9 J. FOSTER FAX:

cc: V. KURAN HI-TEC

SC90/HIGH TEC-011



ASSAYING - ENVIRONMENTAL TESTING 10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

AUGUST 11, 1990

CERTIFICATE OF ANALYSIS ETK 90-400 

PRIME EXPLORATIONS LTD. P.O. BOX 10, 10TH FLOOR 808 WEST HASTINGS STREET VANCOUVER, B.C. V6C 2X4

ATTENTION: JIM FOSTER

SAMPLE IDENTIFICATION: 12 ROCK samples received AUGUST 1, 1990

PROJECT: 90-BC-010 RUSH

SHIPMENT NO.:

ÉT#	Description	AU (ppb)	AG (ppm)	CU (ppm)	PB (ppm)	ZN (ppm)
400 - 400 - 400 - 400 - 400 - 400 - 400 - 400 - 400 - 1	1 93120 2 93121 3 93122 4 93123 5 93124 6 93125 7 93126 8 93167 9 93168 0 93169 1 93170 2 104259	(5 10 10 10 5 5 5 5 5 5 5 5 5 5 5	2 1 1 1 1 1 1 1 9 3 1 1 1 1 1 1	271 275 181 218 63 178 471 612 185 109 83 203	6 10 9 13 71 17 31 15 8 8 13	38 86 77 30 101 66 101 72 16 35 78 61
<u> </u>						

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ECO-TECH LABORATORIES LTD.

B.C. Certified Assayer

JUTTA JEALOUSE/

FAX: J. FOSTER 1-687-2309

cc: V. KURAN HI-TEC

SC90/HIGH TEC-011

# APPENDIX B SAMPLING METHODOLOGY

### SAMPLING METHODOLOGY

### A. STREAM SEDIMENTS

Silt Samples

Approximately 0.5 kg of silt was collected from the active stream channel, placed in a standard gusseted kraft bag and shipped to Eco-Tech Laboratories in Kamloops. These samples were then dried and sieved to -80 mesh. A ten gram split of the sample was analyzed for gold by fire assay with atomic absorption finish. A one gram split of the remainder of the sample was analyzed for 30 elements using Aqua Regia extraction and ICP.

## Pan Concentrate samples

A sample of between 5 gm and 30 gm was panned in the field from two pans of -1.4 cm gravel and one pan of moss. The panned material was placed in 6 mil plastic bags and shipped to Eco-Tech Laboratories Ltd. in Kamloops. A one gram split of this material was analyzed for silver, lead, copper and zinc using wet extraction and atomic absorption. The remainder of the sample was analyzed for gold using fire assay and atomic absorption finish.

# B. <u>LITHOGEOCHEMICAL SAMPLING</u>

Approximately 2 kg of rock was collected and placed in 6 mil plastic bags and shipped to Eco-Tech Laboratories in Kamloops. This material was crushed and pulverized to -140 mesh and a 1 assay ton split taken. The split was analyzed for gold using fire assay and atomic absorption finish. Another 10 gm split was analyzed for copper, lead, zinc and silver using wet extraction and atomic absorption finish.

### C. SOIL SAMPLES

Approximately 0.5 kg of "B" horizon soil, where available, or talus fines where not, was placed in standard gusseted kraft bag and shipped to Eco-Tech Laboratories in Kamloops. This material was dried and sieved to -80 mesh. A 14 gram sample was analyzed for gold using fire assay and atomic absorption finished. Another one gram split was analyzed for 30 elements using Aqua Regia extraction and ICP.

# APPENDIX C

ANALYTICAL METHODS





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# GEOCHEMICAL LABORATORY METHODS

SAMPLE PREPARATION (STANDARD)

1. Soil or Sediment: Samples are dried and then sieved through

80 mesh nylon sieves.

2. Rock, Core: Samples dried (if necessary), crushed,

riffled to pulp size and pulverized to

approximately -140 mesh.

3. Heavy Mineral Separation:

Samples are screened to -20 mesh, washed

and separated in Tetrabromothane.

(SG 2.96)

METHODS OF ANALYSIS

All methods have either certified or in-house standards carried through entire procedure to ensure validity of results.

1. Multi-Element Cd, Cr, Co, Cu, Fe (acid soluble), Pb, Mn, Ni, Ag, Zn, Mo

Digestion

<u>Finish</u>

Hot aqua-regia

Atomic Absorption, background

correction applied where

appropriate

A) Multi-Element ICP

Digestion

Finish

Hot aqua-regia

ICP

2. Antimony

Digestion

Finish

Hot aqua regia

Hydride generation - A.A.S.

3. Arsenic

Digestion

Finish

Hot aqua regia

Hydride generation - A.A.S.

4. Barium

Digestion

Finish

Lithium Metaborate Fusion

I.C.P.



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5. Beryllium

**Digestion** 

Finish

Hot aqua regia

Atomic Absorption

6. Bismuth

Digestion

Finish.

Hot aqua regia

Atomic Absorption

7. Chromium

Digestion

Finish .

Sodium Peroxide Fusion

Atomic Absorption

8. Fluorine

**Digestion** 

<u>Finish</u>

Lithium Metaborate Fusion

Ion Selective Electrode

9. Mercury

Digestion

Finish

Hot aqua regia

Cold vapor generation -

A.A.S.

10. Phosphorus

Digestion

**Finish** 

Lithium Metaborate Fusion

I.C.P. finish

11. Selenium

**Digestion** 

Finish

Hot aqua regia

Hydride generation - A.A.S.

12. Tellurium

Digestion

Finish

Hot aqua regia
Potassium Bisulphate Fusion

Hydride generation - A.A.S. Colorimetric or I.C.P.



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13. Tin

Digestion

Finish

Ammonium Iodide Fusion

Hydride generation - A.A.S.

14. Tungsten

Digestion

**Finish** 

Potassium Bisulphate Fusion

Colorimetric or I.C.P.

15. Gold

Digestion

**Finish** 

Fire Assay Preconcentration followed by Aqua Regia

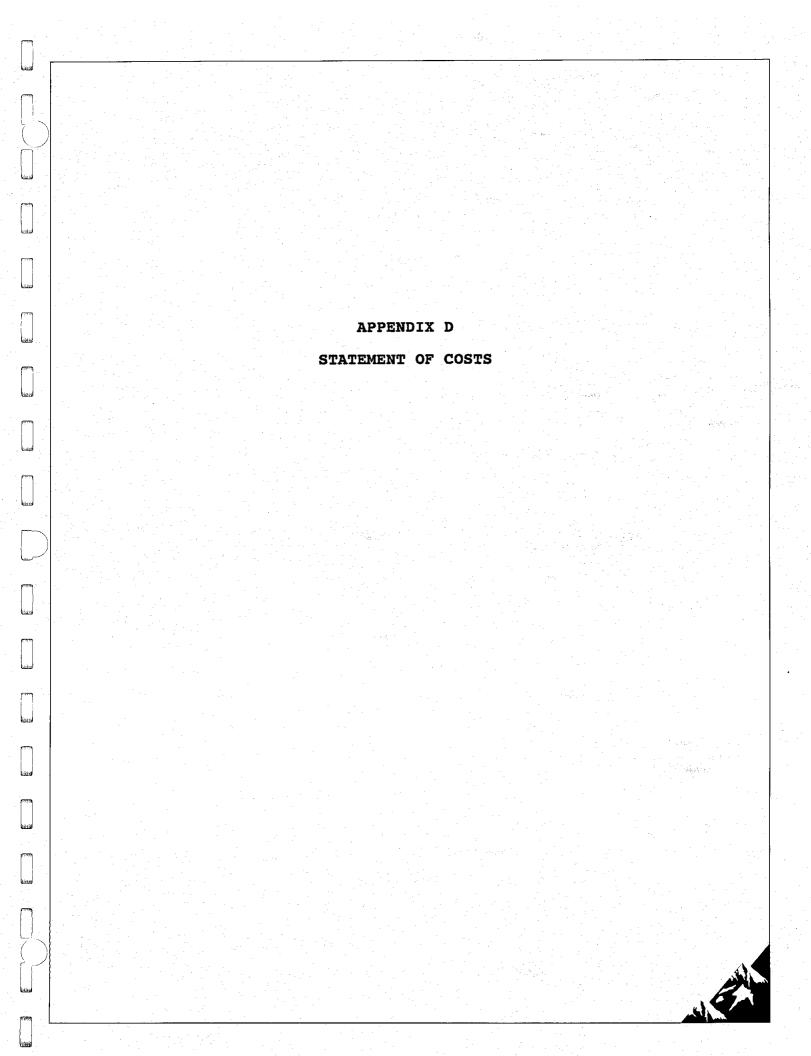
Atomic Absorption

16. Platinum, Palladium, Rhodium

Digestion

<u>Finish</u>

Fire Assay Preconcentration Graphite Furnace - A.A.S. followed by Aqua Regia

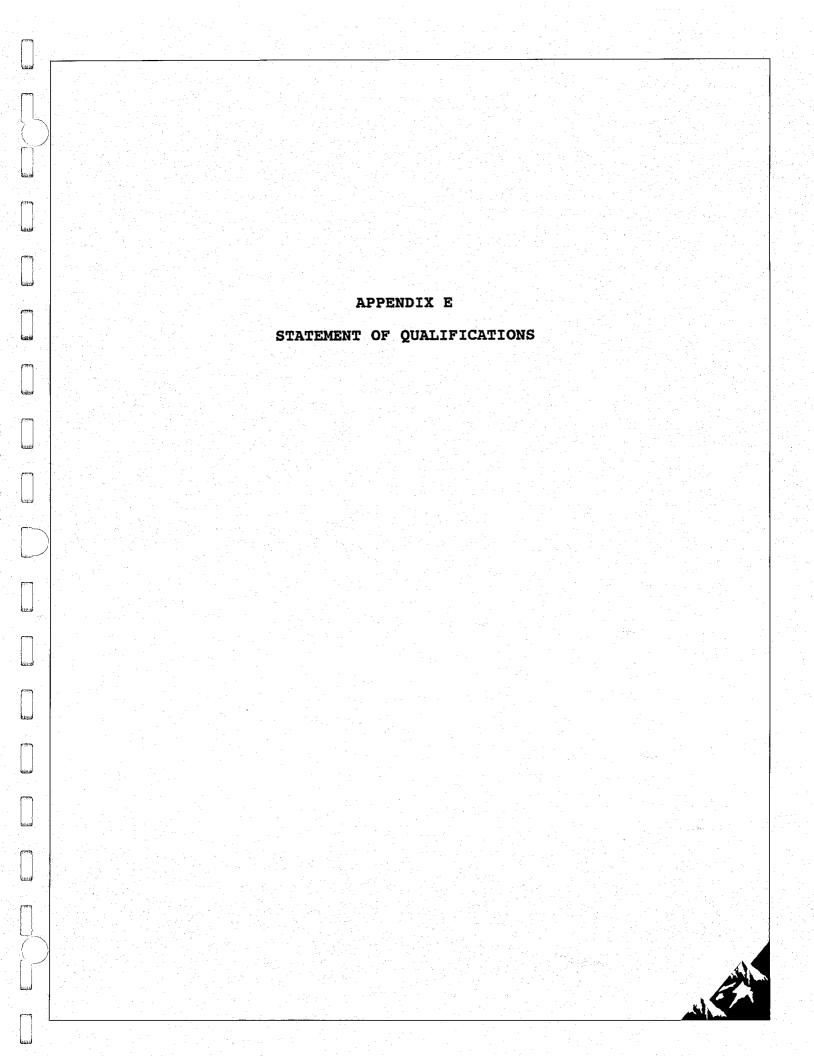


# STATEMENT OF COSTS

# CANDELA RESOURCES LTD. JOB 90BC010 RUSH PROJECT 1-4

Salaries  Dave Dunn, Geologist, 7.00 days @ \$400/day  D.Bahrey, Assistant Geologist, 5.00 days @ \$300/day  G.Mowatt, Technician I, 5.0 days @ \$300/day g  A.Kriberg, Assistant, 8.00 days @ \$250/day	2,800.00 1,500.00 1,500.00 2,000.00 \$	7,800.00
Project Expense Project Preparation		1,965.68
Mobilization/Demobilization		2,051.09
Domicile 25.00 man days @ \$75/day		1,875.00
Geochemistry and Laboratory Service  127 Rock/Core sample analyzed for AU/AG/CU/PB/ZN/MO/AS  @\$22.71/sample  18 Heavy Mineral samples analyzed for AU/AG/CU/PB/ZN/MO  @\$12.33/sample  13 Silt samples analyzed for AU and 30 element by ICP  @\$14.75/sample	2,883.75 222.00 191.75	3,297.50
Helicopter Support Helicopter 11.55 hours @\$654.29/hour		7,557.05
Field Supplies		577.06
Chain Saw Rental .40 month @ \$250/month		100.00
Fixed Wing Support		228.62
Radio Rental .40 month @ \$250/month		100.00
Walkie Talkie 3 units @ \$5/day/unit 8 days		120.00
Expediting (Vancouver, Smithers)		362.48
Vehicle Rental		76.92
Government filing (Not including filing fees)		350.00
Accounting, Communications, and Freight	*	1,134.88
Report Preparation, drafting and compilation		4,300.00
15% Management Fees		4,784.44
TOTAL COST	\$	36,680.72

De Dunn



### STATEMENT OF QUALIFICATIONS

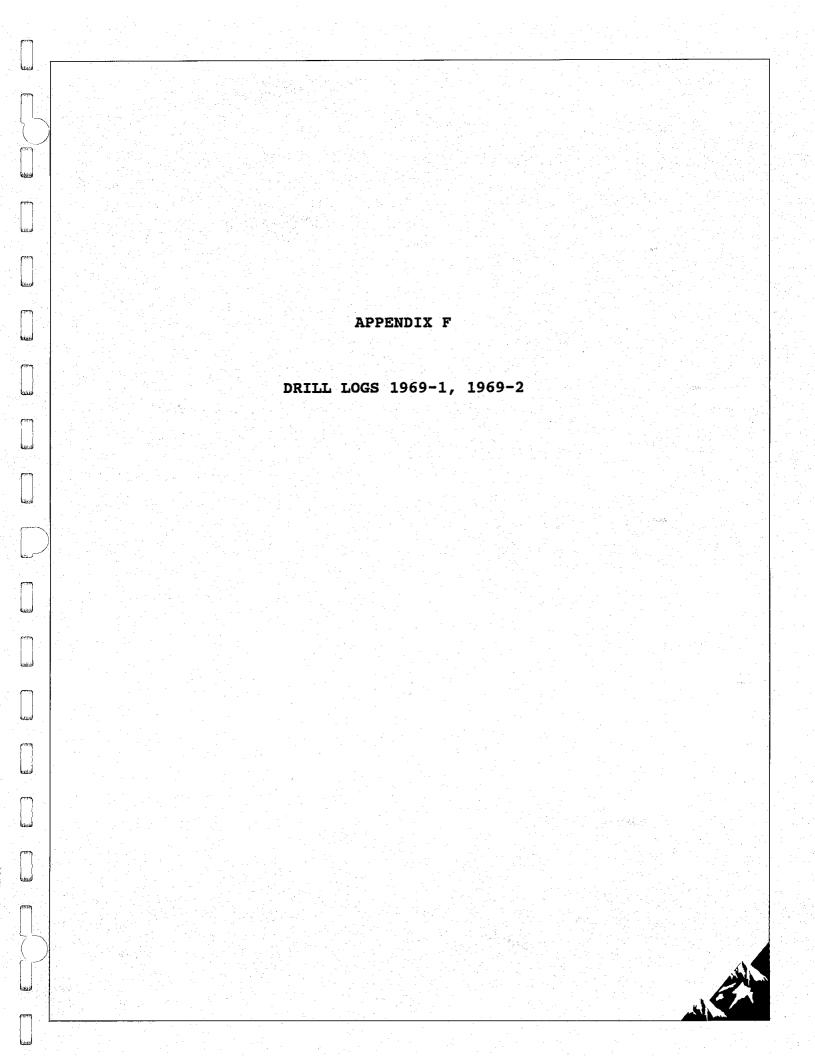
I, David St. Clair Dunn, with a business address of #1500-609 Granville Street, Vancouver, B.C. do hereby certify that:

- 1. I am a consulting geologist registered with the Geological Association of Canada (Fellow #4943).
- 2. I am an Affiliate member of the Association of Exploration Geochemists.
- 3. I hold a B.Sc. degree (1980) in geology from the University of British Columbia.
- 4. I have been practising my profession as a prospector and geologist for over 20 years.
- 5. I personally supervised the work on Candela Resources Ltd. Rush claims.
- 6. I do not hold any equity interest in the Rush claims or Candela Resources Ltd.
- 7. I consent to the use of this report in a Prospectus or Statement of Material Facts for the purpose of a private or public financing.

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DRILL HOLE RECORD RUSH Property District 69-2 Hole No. Length PG 20Flo Cummenced Location Hor, Comp. Completed Core Size Corr. Dio Vert, Comp. LAT DEP. ELEV. True Bre. Logged by Objective % Recoy 7 Brg. Date METERS FEET DESCRIPTION RECOVERY ESTIMATED SAMPLE SAMPLE ANALYSIS % MINERAL RUN SHORT INTERVAL Au Mo Cy Pb \* Hecovery 152-167 MS 40% OTZ VENDED, UISIBLE MOLLING, 190 05-190 05-190 152-155 104147 and 190 py along selvage, Otz - WHITE cross oab pengen pan coeting ms. Hintothermal alteration read 70 py Abundant Kspan along Contact. with Otz stringers. 167-186 MS. 1855 Otz VEINING but still evidence of bleached hidrothermal alteration; the ms is broken up and brittle. \_50 <del>~</del> 1855 altered / veined light nink white laminations 10% Gtz UCINING along with molub mine no/12 stion 215 229 predominantly ms heimed lattered ms 2.5-19 219-224/04/48 5 45 2241 98 20 1 WHITE (CI. I. K30) DINKY brown Molyb bedding. dark grey laminated, siliciFien 229-593 CBA VARIES SINCE MINDOR FOUDING EXISTS 10 70 GAZ DETNE PINK KSPAR, MINOR QUILLE and Mobildenite OCCURS WITH IT VEINING II to bodding and cross-ENTER DEODING. Some VEINING CARRIES ABUNDANT DUTTE

DRILL HOLE RECORD PG 30F6 RUSH Property District Hole No. Cummenced Location Tests at Hor, Comp Completed Core Size Corr. Dio Vert. Comp. LAT DEP. ELEV. True Bra Logged by Objective T 8/9. % Recov Date METERS FECT DESCRIPTION RECOVERY ESTIMATED SAMPLE SAMPLE ANALYSIS Length & MINERAL INTERVAL Au Mo Cu Pb & Recovery Otz LEIN Cross cutting MS. Pink Kapar 10% 92-59 104149 Durite & 2%, moly bd & 1%. oab Dom Dom Dom 'and' govi brodged /laminated ms, related Qtz stringers // to bedding. Cross curring Otz Kspar, Py, Moly b Utinlets 5-10%. Some of the veinlets carry pyrite clots. 2% py-15% Kapar 14.5% moly bd. 27004 615-61810450 31 50 109 209 8 904-933' NO EUIDENCE of brodding, fine grained, grey 45% QUE DELIVING. NO DU MOLY MINERAL NO K SPORT ANDESITE / araillite >? 933'-967 MS-1155 Otz UCINCETS. Bodding Observed CBA 63° - less minerallaco 967-1035 ANDESITIC DUKE MISSING - 969' - 1035' BOXES # 44-46 1035-1118 Db grey Igreen ms/bedding observed 44 5% Kspar / Ote / Py/mous usin 1733 21 20 miniercilization - EULOFINGE OF MINIOR FOLDING AS WELL

TANK BUREAMERANDO STREET

CONTRACTOR DESCRIPTION OF STREET

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	some at winner related and H.T. ALTERED		0.5-1%		1	1568-1573	1/04255	5		796	79	10	_
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1596-1601	ANDESITIC DUKE				-			<del> </del>	-				
								<del>                                     </del>		<del>                                     </del>			
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	of the 1244 - 1256 INTERVAL TYPE POCK?	1 4						<del>                                     </del>		<del>                                     </del>		-	
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1618-1817	MASSIVE MAFIC MetaAngillite /Metavolco	nic										-	
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	(minor py minerally & observed) CT (4)									-		- -	1
			James V.	to a second				·				<del> </del> -	

E.O.H.