REPORT ON DIAMOND DRILLING

- on the -

DOME CLAIM GROUPS

Clinton Mining Division British Columbia

- for -

BLACKDOME EXPLORATION LTD.,

904-675 West Hastings Street, VANCOUVER, B. C. V6B lN2.

COVERING:

Dome #3 (12 units), Dome #6 (20 units), Dome #8 (6 units).

WORK PERFORMED:

July 16 to August 18, 1980.

LOCATION:

- (1). 51°20'N; 122°29'W.
- (2). NTS. MAPS 92 O/8W & 92 O/7E.
- (3). At Blackdome Mountain, 71 km. WNW of Clinton, B. C.

PREPARED BY:

ALBERT F. REEVE LIMITED #1711-2008 Fullerton Ave., NORTH VANCOUVER, B.C. V7P 3G7

A. F. Reeve, P. Eng., September 30, 1980.

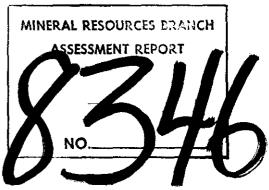


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INTRODUCTION

The Blackdome property has been subjected to a systematic exploration programme since 1977.

The 1980 drilling is part of a continuing programme to fully evaluate the economic potential of the property.

Results of this drilling are appended in a series of logs with assays from sampled sections.

PROPERTY

The property consists of 8 contiguous metric claims totalling 97 units, 4 old 2-Post claims and 10 crown granted claims. The metric claims overlie the other two sets of claims (see figure 161-2). Claim data is as follows:

(1). Metric Claims:

	DOME	"C" GROUP		
Claim Name	Record No.	Tag No.	Anniversar	y Date
Dome #3 Dome #6 Dome #8	119 120 262	42762 36053 37041	August September October	16/83 13/83 27/79
	DOME	"D" GROUP		
Dome #1 Dome #2 Dome #7 Dome #9	117 118 121 263	42615 42761 36054 37042	August August September October	16/85 16/85 13/85 27/79
	UNGRO	UPED CLAIM		
Dome #10	320	45470	April	11/80
(2). Located	2-Post Claims:			
	BLACK	DOME GROUP		
Blackdome #1 Blackdome #2 Blackdome #3 Blackdome #4	6925 6926 6927 6928		May May May May	15/85 15/85 15/85 15/85

(3). Crown Granted Claims:

Claim Name	Lot No.	Under Surface Rights No.	Taxes Due
Moosehorn	7871	62224E	July 1/80
Saddle	7872	62227E	July 1/80
Whisky Jack	7873	62222E	July 1/80
Pinion Pine	7874	62223E	July 1/80
Electrum Fraction	78 7 5	62226E	July 1/80
Bonanza	7876	62229E	July 1/80
Eldorado	7877	62228E	July 1/80
Blackdome	7878	62221E	July 1/80
Ptarmigan	7879	62220E	July 1/80
Sugar Bowl Fraction	n 7880	62225E	July 1/80

The work described in this report was confined to the Dome "C" group.

LOCATION AND ACCESS

The property is located in south-central British Columbia about 70 kilometers west-northwest of the village of Clinton. The approximate center of the claim block is at 51° 20' north latitude and 122° 29' west longitude.

The area is accessible via about 150 kilometers of gravel road which leads west from Route 97 about 18 kilometers north of Clinton.

Most of the property is easily accessible along old cat roads or on foot through the fairly open bush.

HISTORY

Gold was discovered at Blackdome Mountain in the late 1940's, and during the 1950's and early 1960's a fairly detailed programme of mapping and sampling with limited drilling and tunnelling was carried out by Empire Valley Mines and Silver Standard Mines. Most of this work was confined to veins outcropping on the upper slopes of Blackdome Mountain.

In 1977 and 1978 Barrier Reef Resources commenced a detailed re-evaluation of the gold mineralization at Blackdome Mountain. Extensions of the known mineralization were found to the south and detailed trenching and sampling was undertaken to more fully evaluate this area. This No. 1 zone was extensively tested by diamond drilling during the 1979 field season.

During the 1980 field season, diamond drilling continued on the No. 1 zone. A new zone called the Red Bird Vein Zone is being tested by diamond drilling in the 1980 field season.

GEOLOGY

The Blackdome district is underlain by a sequence of Tertiary volcanic rocks which range in composition from basalt to rhyolite. Total thickness of the section is unknown but certainly exceeds 600 meters. The rocks are domed into a shallow, gently north-northeasterly plunging anticline. Zones of tension fractures caused by this doming are the loci for epithermal silver-gold mineralization. Later block faulting has caused considerable dislocation of individual rock units.

Surface exposures suggest a natural threefold division into (1) a lowermost unit of rhyolitic
flow, fragmentals, and associated volcaniclastic
sediments (2) a central unit consisting of fairly
uniform, porphyritic andesite and ? dacite and
(3) an uppermost unit of basalt.

MINERALIZATION

Gold and silver mineralization is associated with a series of north-northeasterly trending quartz veins. These veins are typical of very low temperature epithermal systems displaying vugs, cockade and comb textures. Often 25 to 50% of the vein consist of stoped pieces of wall rock.

The only metallic minerals visible are minor fine grained pyrite, native gold and ? very minor silver sulphosalts.

Although the vein systems can be traced for about 5 km. along strike, gold-silver values are very erratic and extensive drilling and sampling at closely spaced intervals will be required to fully delineate ore shoots.

DRILLING PROGRAMME

A total of 469.3 meters of core drilling was carried out in 6 holes. All this drilling was performed on the Red Bird Vein Zone. The drilling extended over roughly 100 meters of strike length on this vein (see figure Plan A).

The core was logged and suspected mineralized sections were split, sampled and assayed for gold and silver by either geochemical methods or by fire assay.

Typed drill logs with assay values are appended to this report.

SUMMARY AND CONCLUSIONS

Drilling has confirmed a number of factors:

- (1). The Number One vein is very consistent in strike and dip and has not been displaced by any later faulting.
- (2). Fault gouge zones in the vicinity of the mineralized zone are the only sections which give persistently poor core recovery.
- (3). Gold and silver values are very sporadic and very close sampling will be necessary to accurately measure the grade.

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Vancouver, B. C., September, 1980. Respectfully submitted By;

ALBERT F. REEVE LIMITED,

Albert F. Reeve, P. Eng.,

GEOLOGICAL ENGINEER

APPENDIX A

DRILL LOGS

BLACKDOME EXPLORATION LTD - DIAMOND DRILL RECORD

PROPERTY

Blackdome

HOLE No. DDH-45

DIP AND AZIMUTH TEST					
	Corre	cted ~			
Footage	Angle	Azimuth			
!					

Core Size BQ	Total Depth 47.95 m
Angle of Hole -45°	% Recovery 83.52%
	Elev. Collar 2184.6
Section	Latitude 6867.4
Bearing 142 ^O	Departure 5899.8
•	

	Sheet No. 1 of 3
	T Cambria
	Date Begun July 16/80
	Date Finished July 18/80
4.	Core Stored At BD Mtn.

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE		Au(g/t)	Ag (g/
0-3.90		Casing					
3.90-		Andesite					
22.65		Purple, medium grained, fresh feldspar					
		phenocrysts; occasional inclusions, massive					
		andesite; fractured at 45-50° to core					
		4.87-7.93, Fault-gougy rubble(.08m recovered)					
		10.22-10.33(?) possible slip-weakly gougy					
		Core weakly vuggy throughout, possibly due to					
		presence of soft white mineral (no reaction to					
		HCL); 13.69-13.75 inclusion of quartz biotite					
• .		gneiss(?); 17.24-17.28 large vug, mud and quartz					
, make to see a second		crystals; 17.00 rust staining becoming more					
		prominent; 19.56-20.00 strong inclusions of					
		black, massive rock(basalt?), previous					
		inclusions may also be basalt?					
		20.49-20.58? possible slip andesite rubble					
		After slip, core becomes more silicified and	6653	20.65- 21:65	1.00	0.040	0.7
		compact; feldspars become altered to clay	6654	21.65- 22.65	1.00	0.030	0.7
····		minerals; limonite fracture fillings of 1%.					

Blackdome PROPERTY

HOLE No. DDH-45 SHEET No. 2 OF 3

CORE WIDTH DEPTH DESCRIPTION SAMPLE No. Au(g/t)Ag(g/t)LOST OF SAMPLE Andesite 22.65-22.65-23.67 23.67 22.65-23.17 Strongly broken core, strong red 1.02 6655 0.170 | 1.2 limonite staining, highly altered weakly silicified; 23.17-23.67 highly altered yellow-green weakly silicified andesite, red rust staining weak 22.98-23.18 Slip gougy andesite. 23.67-23.67-24.78 Alteration Zone 6656 1.11 0.34 3.0 24.78 (1.08 m recovered) Highly altered, bleached, and silicified andesite; andesite texture almost destroyed; Strong red limonite staining, weak WAD f.f.; 6 Quartz stringers in interval. 24.78-25.69 6657 0.91 24.78-Vein Zone (0.74 m rec.), contacts at approx. 0.82 5.0 55° to core; strongly vuggy white quartz 25.69 stringers and stockwork in andesite as above. 1.00 2.0 6658 0.30 1.00 6659 0.14 1.0 Alteration Zone 25.69-27.69-6660 1.00 0.10 1.0 33.82 As previous zone (23.67-24.78 m) 28.69 28.69-6661 26.77-27.40 More typical andesite- texture 1.00 29.69 29.69-30.19 1.0 0.38 0.50 remains and red limonite weak 6662 3.0 5.49 30.19-30.69 0.50 6663 30.30-30.42 Possible vein? Vuggy quartz 0.53 1.0 1.00 stockwork as above contacts at approx. 50-550; 6664 1.0 0.61 41 quartz stringers in interval; inclusions of 6665 1.01 4.0 1.72 yellow-green altered andesite. 6666 1.12 5.73 6.0

HOLE No. DDH-45 SHEET NO. OF 3 WIDTH CORE DEPTH DESCRIPTION SAMPLE No. Au(g/t)Ag(g/t)LOST OF SAMPLE Vein Zone (0.58 m rec.) 33.82- $\frac{33.82}{34.52}$ 0.70 34.52 Vuggy white quartz stockwork; inclusions of 6667 0.47 1.0 altered yellow-green andesite; strong red limonite staining, making quartz cherty; no visible gold. 34.52-Alteration Zone 37.48 Andesite, yellow to beige-brown, highly 0.41 1.0 6668 1.00 altered, bleached, and silicified; fractured 1.00 6669 0.42 1.0 at 45° to core; moderately strong red limonite 6670 0.96 0.100 0.8 WAD f.f.; 34.52-36.66 - 16 Quartz stringers in interval; 36.66-37.48 less silicified and altered, andesite; texture more euident, feldspars altered to soft white mineral (no reaction to HCl). 37.48-38.48 37.48-Andesite 6671 1.00 0.060 0.9 38.48-39.48 As in 3.90-22.65 m zone 47.95 6672 1.00 0.040 0.7 37.48-38.10 altered andesite as above, trace of rust-red limonite f.f. 39.78-40.91 Possible slip, strongly broken core, strong red limonite staining and f.f. Hole ends 47.95 m Drilled by Garnett Drilling.

Blackdome

PROPERTY

BLACKDOME EXPLORATION LTD . - DIAMOND DRILL RECORD

PROPERTY Blackdome

HOLE No. DDH-46

DIP	AND AZIMUTH TE	ST		
Corrected ~				
Footage	Angle	Azimuth		
60.0	-42 3/4 ⁰			
-				

Core Size BQ Angle of Hole -40°	•	-
Claim Dome #6 Section	Elev. Collar 2180.2	Date Begun July 19/80
Bearing 142° Az.	Departure 5877.8	Core Stored At BD Mtn.

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE		Au(g/t) Ag(g/t)
0-3.20		Casing					
3.20-	1	Andesite	2001	5.0- 6.0	1.0	0.285	1.0
8.77		Massive dark grey-black to purple	2002	6.0- 7.0	1.0	0.089	1.0
		Well developed feldspar phenocrysts, variably	2003	7.0- 8.0	1.0	0.024	0.8
		altered to clay minerals and limonite	2004	8.77	0.77	0.017	0.8
		Variably stained by red limonite; fairly well					
· <u>-</u>		silicified, vuggy white Qtz. stringers					
		throughout; fractured at 40-450 to core,		-			
		WAD f.f.; 3.35-6.10-5 Qtz. stringers					
· · · · · · ·		6.10-8.77-9Qtz. stringers.					
8.77-		Possible vein zone(0.68 m rec.); well	2005	8.77- 9.78	1.01	0.07	1.0
9.78		developed vuggy Qtz. stockwork in highly					
		altered andesite; strongly broken core with					
		strong red limonite staining and WAD f.f.					
		Contact at 8.77m at 45° to core.					
9.78-		Andesite	- -				
17.96		As 3.20-8.77	2006	9.78- 10.32	0.54	0.03	1.0
		Weakly vuggy Qtz. f.f. along fractures at	2007	10.32-	0.91	0.017	0.9
		40-450 to core and sub parallel core (no HCL	2008	11:23-	1.07	0.014	0.8

PROPERTY Blackdome HOLE No. DDH-46 SHEET No. 2 OF 5

DEPTH CO		SAMPLE No.	OF SAMPLE	Au	(g/t) Ag (g/t
	reaction); 10.32-11.23 weakly developed Qtz.	2009	1 1.3 - 311 1	.0 0.0	1.0
	stockwork in strongly red limonite stained an	d 2010	13.30- 1	.0 0.0	010 0.5
	altered andesite similar to 8.77-10.62	2011	14.30- 1	.0 0.0	0.6
	At 10.32 very small stringer of massive black	2012	15.30- 1	.0 0.0	1.2
	material - basalt?; 17.30-17.96 strong red	2013	$\begin{vmatrix} 16:30 & 1 \\ 16:30 & 1 \end{vmatrix}$.0 0.0	1.2
	limonite staining of andesite, andesite more	2014	17.30 1 17.30- 1 18.30 1	.0 0.0	0.9
	friable and altered to clay minerals? strong				
	WAD f.f.				
17.96-	Slip				
18.16	Gougy andesite as 17.30-17.96; contacts at				
	35-40° to core.				
18.16-	Andesite				
18.49	As 17.30-17.96				
18.49	Fault				
18.56	Gougy andesite as 17.30-17.96; contacts at 45° to core.				
18.56-	Andesite	2015	119.30 1		0.8
23.37	As 17.30-17.96	2016	140.30 1	1.0	062 1.7
	21.30-22.40 weak white Qtz. stockwork	2017	1 4 4 5 C C	1.0 0.0	2.1
	22.63-23.37 Gougy breaks at 10° to core.	2018	21.30-	1.10 0.3	L4 2.0
		2019	22.40 22.40- 23.40	1.0 0.0	0.9
23.37-	Andesite				
33.01					

PROPERTY Blackdome

HOLE No. DDH-4.6 SHEET No. 3 OF 5

DEPTH	CORE	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE		Au(g/t)	Ag(g/t)
		Fresh grey-black to purple; well developed					
		feldspar phenocrysts largely altered to soft	2020	23.40-	1.0	0.045	0.9
		white to pale green mineral (talc?), (no HCl	2021	24.40 32.00- 33.01	1.01	0.027	1.0
		reaction); fractured at 40-45° to core, weak		,			
		WAD and red limonite f.f.		 			
33.01-		Possible Vein Zone (1.12 m rec.?)	2022	33.01- 33.90	0.89	0.07	1.0
33.90		Highly altered andesite with strong red		33.20			
		limonite-WAD f.f. and staining; very weak Qtz.					
		stockwork in places; ll Qtz. stringers and f.f					
		in interval.					
33.90-		Andesite	2023	33.90- 34.90	1.0	0.038	0.8
71.35		As 23.37-33.01					
		34.45-34.48 Qtz. stringer					
		33.90-34.45 several small stringers of black					
		massive basalt; 35.98-36.01 Slip, gougy					
		andesite contacts perpendicular to core					
		36.50-36.86 strong red limonite staining					
		result of slip at 36.68-36.71 contacts at					
,		40-45° to core; 40.64-41.46 zone of highly	2024	40.64- 41.46	0.82	0.065	1.4
		altered andesite with strong red limonite					
		staining, 6 Qtz. stringers in interval					
		47.87-47.88 Slip at 55° to core					
		47.00-60.05 Andesite gets less altered and					
		harder, hematite specks and f.f. throughout					
		Occasional Otz. f.f. core fractures weakly at	<u> </u>		_		

PROPERTY Blackdome HOLE No. DDH-46 SHEET No. 7 OF 5

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE		Au(g/t)	Ag(g/t)
		15-20° to core axis, small massive stringers of basalt(?), cut core at 45-50° to core axis					
		(approx. 1/meter)					
		60.05-60.38 Fault (0.10m rec.) gougy andesite,	2025	69.30-	1.05	0.034	1.1
-		contacts at 40-45° to core					
		60.38-60.71 Andesite weakly gougy, friable and					
		altered by fault					
		62.00-62.10 Possilbe slip, weakly gougy					
		broken andesite contacts 50° to core					
		63.13-63.14 Slip, Andesite gouge contacts at					
		50-55° to core; 64.40-64.47 Fault, Andesite					
		gouge contacts at fracture angle of 45-50°					
		to core; 65.00-71.35 Yellow-brown to red					
·····		limonite f.f. get stronger, feldspar	2026	70.35- 71.35	1.0	0.031	1.0
		phenocrysts get altered from fresh to	· · · · · · · · · · · · · · · · · · ·				
		completely altered in interval.					
71.35-		Bleached and Altered Andesite	2027	71:35- 72:47	1.12	0.03	1.0
72.47		Yellow-green to black; feldspar phenocrysts					
		largely altered to limonite and clay minerals					
		Strong limonite, weak WAD f.f., fractures at					
		45-50° to core; 3 Qtz. stringers in interval.					
72.47-		Vein Zone (0.98m rec.)	2028	72.47- 73.43	0.96	0.51	2,0
74.39		Highly silicified, bleached and altered	2029	73.43- 74.39	0.96	0.24	4.0
		andesite; strong white Qtz. stringers some					
		stockwork; strongly broken core contacts at					

Blackdome PROPERTY..

HOLE No. DDH-46 SHEET No. 5 OF 5

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE		Au(g/t)	Ag(g/t)
·		45-50° to core; strong yellow-green to orange-	·				
		red limonite f.f.	!				
74.39-		Alteration Zone (2.47 m rec.)	2030	74.39- 75.39	1.0	0.24	2.0
76.97		Highly bleached, silicified and altered	2031	75.39- 76.39	1.0	0.07	1.0
	<u> </u>	andesite; yellow-green to grey; fractured at					
. /		50° to core, strong limonite-WAD f.f.					
		Feldspars altered to clay minerals, some are					
		silicified and show alteration haloes;					
		9 weakly vuggy Qtz. f.f. in interval	2032	76.39- 76.97	0.58	0.10	<1.0
		76.35-76.65 zone with some small basalt					
		stringers.					
76.97-		Andesite					
85.65		76.97-78.03 Dark grey typical andesite with	2033	76.97- 78.03	1.06	0.021	0.8
		4 Qtz. f.f.; 78.03-82.81 Altered yellow-					
		green andesite fractured at 45-50° to core,					
		feldspar phenocrysts altered to limonite and	2034	78.03- 79.00	0.97	0.034	1.1
		clay minerals; 78.93-78.97 basalt stringer at					
		50° to core; 81.81-82.81 Fault(0.10 m rec.)					
		broken and gougy yellow-green andesite 82.81-85.65 typical purple-grey andesite with					
		fresh feldspar phenocrysts					
		83.05-83.30 Two basalt stringers at 45-50° to					
		core.					
		Hole ends 85.65 m Drillied by Garnett Drilling.					

BLACKDOME EXPLORATION LTD

- DIAMOND DRILL RECORD

PROPERTY Blackdome

HOLE No. DDH-47

Sheet No. 1 of 4
Logged by L. Carlyle
Date Begun July 28/80
Date Finished August 1/80
Core Stored At BD Mtn.

DIP	AND AZIMUTH	TEST
	Corre	cted
Footage	Angle	Azimuth
60.0	-58 ⁰	
120.0	-59 ⁰	
	j	

Core Size BQ	Total Depth 120.3m
Angle of Hole -60 ^O	% Recovery 96.86%
Daim Dome #6	Elev. Collar 2179.8
Section	Latitude 6899.1
Bearing 142° Az	Departure 5877.4

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE		A	u(g/t)	Ag(g/t)
0-2.74		Casing						
2.74-		Andesite-dark greeen to black, fine grained,						
23.00		strong red limonite staining; 3.01-5.56						
		autobrecciated(?) fragments to 2 cm. included						
		in matrix; feldspar phenocrysts and included			······································			
		fragments partially altered to clay minerals					 	
		(epidote?); weak hematite fracture filling Core weakly fractured at 45° to core, weak						
		WAD fracture fillings, no pyrite; occasional						
		small black massive basalt(?) stringers as at						
		4.88m; 5.18-5.21 vuggy quartz fracture filling	2035	5.0- 6.0-	1.0		0.017	0.7
		4.88-7.93 3 quartz stringers	2036	7.0	1.0		0.024	0.5
		7.93-13.04 dark red limonite and black WAD	2037	7.0-	1.0		0.021	0.6
		staining, core hard and apparently silicified,	2038	8.0- 9.0	1.0		0.024	0.8
		14 quartz stringers in interval	2039	18:8-	1.0		0.038	1.5
		14.02-15.54 3 quartz stringers in interval,	2040	11.0	1.0		0.034	1.2
	 	red limonite begins again at 14.25 m;	2041	$\begin{bmatrix} 11.0 \\ 12.0 \\ 12.0 - \end{bmatrix}$	1.0		0.041	1.2
		15.54-1707 5 quartz stringers in interval,	2042	12.0- 13:8-	1.0		0.219	0.7
		16.23-16.34 slip broken and weakly gougy core	2043	14.0	1.0		0.041	0.6
		at low angle to core	2044	14.0- 15.0	1.0		0.041	0.7
		17.07-17.83 2 quartz stringers	2045	15.8- 16.0	1.0		0.027	0.7

PROPERTY Blackdome.

HOLE No. DDH-47 SHEET No. OF 4

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE		Au(g/t)	Ag(g/t
		17.83-19.20 6 quartz stringers	2046	16.0- 17.0	1.0	0.178	1.0
		19.20-20.54 6 quartz stringers	2047	17.0 17.0- 18.0	1.0	0.110	0.9
		20.54-20.76 Fault, gougy and broken core,	2048	<u>1</u> 8.0- 19. 0	1.0	0.034	0.8
		contacts at 45° to core; 21.57-21.75 Fault as	2049	19.0- 20.0	1.0	0.038	0.7
		before contacts at 40-45°, to core	2050	20.0-	1.0	0.031	0.9
		22.60-22.73 possible vein, two large(1 cm)	2051	21.0 21.8- 22:8-	1.0	0.014	0.8
	•	white quartz stringers in red limonite	i			a to comment of the c	
		staining, stringers at 45° to core.					
22.73-	-	Andesite	2052	22.0-	1.0	0.165	0.7
28.47		Fine grained dark green to purple relatively	2053	23.0 23.0 24.0	1.0	0.010	0.8
		fresh; feldspar phenocrysts altered to epidote					
ALLE WALLE CO.		and clay minerals; weak hematite fracture	2054	27.47- 28.47	1.0	0.058	0.7
· · · · · · · · · · · · · · · · · · ·		fillings and particles; a few scattered massive					
		black basalt stringers; weak fracture fillings					
		at 45° to 50° core with weak WAD fracture					
		fillings.					
28.47-		Possible Vein(4.88m rec.)	2055	28.47-	1.0	0.03	<1.0 <1.0
33.22		Silicified altered and bleached andesite,	2056	29.47 29.47 30.47	1.0	0.03	<1.0
		strong, red limonite-WAD fracture fillings and	2057	30.47- 31.47	1.0	0.03	<1.0
		staining; many small weakly vuggy quartz	2058	31.47-32.47	1.0	0.03	<1.0
		fracture fillings, some minor stockwork	2059	32.47- 33.22	0.75	0.07	4.0
		One - 1 cm wide fracture filling of quartz at					
·····		30° to core; 29.46-29.90, 31.46-32.16 zones					
· · · · · · · · · · · · · · · · · · ·		of relatively fresh andesite as 22.73-28.47.					

PROPERTY Blackdome

HOLE No. DDH-47 SHEET No. 3 OF 4

DEPTH	CORE	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE		Au(g/t)	Ag(g/t)
33.22-		Andesite	2060	33:22-	1.0	0.003	0.6
96.06		As 22.73-28.47	2061	38.89- 39.50	1.0	0.003	0.9
		38.89-39.50 altered and bleached, strongly red					
		limonite stained, 3 quartz stringers at 450					
		to core; 41.40-43.28 altered andesite strong	2062	41.40-	1.0	0.055	1.2
		red limonite staining and WAD fracture filling	2063	42.40 42.40- 43.28	0.88	0.051	1.0
		6 quartz stringers					
		43.80-44.30 4 stringers massive black basalt					
		49.95 2 cm Fault at 35° to core					
		49.99-57.22 prominent red limonite fracture					
		filling, fractures at 30-45° to core					
,	-	63.44-63.59, 64.82-65.00 orange-red limonite					
		fracture fillings, weakly gougy, at 250 to					
		core; 74.00-76.00 zone of strongly vuggy					
		fracture filling possible after carbonates					
		(No HCl reaction) WAD filled, prominent red					
		hematite limonite chert? Fracture filling					
		78.70 Green-black colouration changes to					
		red-purple (hematite?)					
		78.70-84.70 minor small white, weakly vuggy,					
		calcite fracture fillings, weak HCl reaction					
		85.96-86.10 Fault, gougy andesite contact					
		at 40° to 45° to core; 88.51-88.93,					
		90.44-90.70,93.56-93.97,94.51-94.64,94.82-94.99					
	-	Yellow-orange gougy limonite fracture filling					
		at 10° to core.	2064	95.06- 96.06	1.0	0.003	3.3

PROPERTY.

Blackdome

HOLE No. DDH-4.7 SHEET No. 4 OF 4

CORE DEPTH DESCRIPTION SAMPLE No. Au(g/t)Ag(g/t)LOST OF SAMPLE 96.06-96.80 0.74 96.06-Vein Zone (1.32 m recovered) 2065 0.07 4.0 2066 0.74 97.54 Highly silicified bleached and altered 0.03 5.0 andesite, strong quartz (calcite?) stockwork, vein contacts broken; strong red-yellow limonite WAD fracture filling and staining; feldspar phenocrysts largely destroyed but where present altered to clay minerals. 97.54-Andesite 97.54-98.40 120.3 As 79.70-96.06 0.86 0.03 $\langle 1.0 |$ 2067 97.54-98.40strongly broken core, strong 1.0 2068 TR0.9 limonite? Fracture fillings; weakly silicified 4 quartz stringers in interval 101.23-102.58 Broken core due to Faulting 101.23 1 cm gouge slip at 45° to 50° to core 101.47 2 cm gouge in slip, broken contacts but apparently at high angle to core 102.0-102.4 strongly broken and gougy core in Fault with contacts at 40° to 45° to core 106.35-120.3 minor small calcite fracture fillings as 78.70-84.70 at 40° to 45° to core. Hole ends at 120.3 m Drilled by Garnett Drilling

PROPERTY.

DIP AND AZIMUTH TEST

Blackdome

HOLE No. DDH-49

Footage	AND AZIM	Corrected le Azimuth	Core Size BQ	Total Depth3			1of 3
, 00/1880		- ALITOUT	Section	% Recovery 78. Elev. Collar 218 Latitude 6840. Departure 5861.	30.2	Date Begun. Date Finished	August 2/80 August 4/80 t BD Mtn.
DEPTH	CORE		DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE		Au(g/t)Ag(g/t)
0-3.35		Casing					
3.35-		Andesite					
5.44		Yellow-brown	n to red limonite staining and f.	f.,			
		weak WAD f.	f.; feldspar phenocrysts altered	to			
		clay minera	ls; core fractured at 450 to core				
		contact at	5.44m at 450 to core; many small				
	-	massive grey	y basalt stringers in interval.				
5,44-		Andesite Fresh dark	green to purple andesite, green d	lue			
20.39		to epidote;	feldspar phenocrysts altered to				
		soft white r	mineral, also present in some f.f	•			
		(no HCL read	ction); strong red hematite f.f.				
		9.09-9.19 zo	one of soft white mineral as abov	re .			
		and black ma	afic, contact sub-parallel to cor	e,			
		9.09 small s	slip at 40-45° to core				
		9.48-9.50,1	1.33-11.68, prominent purple-black	<u> </u>			
		massive basa	alt stringers; 10.57-10.60 slip i	.n			
		strongly, bi	roken, weakly gougy andesite				
		10.74-10.942	zone of small weakly vuggy quartz	<u>. </u>			
		(calcite?)	stringers; 13.98-14.04 slip in				
	<u> </u>	gougy andes:	ite, contacts broken	į			

PROPERTY.....Blackdome

HOLE No. DDH-49 SHEET No. 2 OF 3

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE		Au(g/t)	Ag(g/t)
		16.34-17.31 Fault(0.41m recovered), strongly	2069	18.40- 19.40	1.0	0.003	0.9
		broken and gougy andesite, contacts broken but	2070	19.40-	0.99	0.037	1.6
		apparently at 45°core.					
20.39-		Andesite	2071	20.39-	1.01	0.065	1.6
24.97		Altered, bleached and silicified(alteration	2072	21.40 21.48- 22:48-	1.0	0.034	1.0
		zone); strongly broken, yellow-brown and	2073	22.40-23.40	1.0	TR	2.0
		compact; strong red limonite-Hematite and	2074	23.40-	1.0	TR	2.0
		WAD f.f. and staining; feldspar phenocrysts	2075	24.40- 24.97	0.57	0.137	2.0
		silicified, and altered to clay minerals where					
		present: 22.70-23.30 3 quartz stringers in interval; 23.30-24.01, no quartz stringers					
		24.01-24.70 2 quartz stringers					
		24.70-24.97 5 quartz stringers.					
24.97-		Vein Zone (rec. = 0.54)	2076	24.97- 25.80	0.83	4.42	16.0
25.80		Highly altered dark green andesite; strong					
		white quartz stockwork, weakly vuggy; strong					
		red limonite-WAD f.f. and staining; contacts					
	-	broken.					
25.80-		Andesite	2077	25.80- 26.80	1.0	0.171	4.0
33.20		Dark green, fine grained; feldspar phenocrysts		29:88-	1.0	0.137	2.0
		largely altered to clay minerals, some fresh	2079	27:80- 28:80	1.0	0.069	2.0
		Strongly broken core, much lost; strong red					
		limonite-hematite-WAD f.f.; 26.27 m, 27.63 m,					
]	28.62 m, small gougy limonite-WAD f.f. at					!

PROPERTY Blackdome HOLE No. DDH-49 SHEET No....3 OF 3

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE		Au(g/t)	Ag(g/t)
		35° to core; 28.36-28.40 slip, mud, contacts at	2080	28.80- 29.80	1.0	0.075	2.0
		50° to core; 31.61-31.64 slip, gougy limonite,	2081	29.80-	1.0	0.141	1.75
		contacts broken; 32.30-33.20 - Fault Zone,	2082	30.80- 31.80	1.0	0.309	2.5
		strongly broken core with several gougy zones,	2083	30.80- 31.80 31.80- 32.80	1.0	0.069	1.1
		contacts broken.	2084	32.80- 33.20	0.40	0.034	1.1
33.20-		Andesite					
38.80		Dark green to black, good coring, weakly	2085	33.20- 34.20	1.0	 0.020	0.3
		fractured at 450 to core; strong red hematite	2086	34.20 34.20- 35.20	1.0	0.048	1.1
		f.f. throughout; feldspar phenocrysts only					
		weakly altered to calcite?; minor small quartz					
		-calcite (weak HCL reaction) f.f.at				 	
4 - 195 - 196		45-50° to core; 37.96-38.8-Fault Zone					
		(0.07m recovery) contacts broken.				_ 	
		End of Hole at 38.8m					
		Drilled by Garnett Drilling					
			···				
	-						
	1					- 	

____BLACKDOME EXPLORATION LTD

- DIAMOND DRILL RECORD

PROPERTY:....

Blackdome

HOLE No. DDH-51

DIP AND AZIMUTH TEST						
	Correct	ed				
Footage	Angle	Azimuth				
60.0	-46 1/2°					

Core Size	BQ -45°	Total Depth
Aligie of Hole	Dome #6	% Recovery Elev. Collar
Section	142° Az.	Latitude

Total Depth .	74.50 m	She
% Recovery	86.74%	Log
Elev. Collar	2179.9	Date
Latitude	6861.90	Date
Departure .	5845.3	Core

Sheet No. 1 of 5
Logged by L. Carlyle
Date Begun August 5/80
Date Finished August 12/80
Core Stored At BD Mtn.

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE		Au(g/t) Ag (g/t
0-2.50		Casing					
2.50-		Grey-black Andesite					
6.20		Strong red limonite staining-feldspar					
	•	phenocrysts largely altered to clay minerals,					
		core strongly fractured at 40-45° to C.A.;	[
		2.61-3.15 Fault (0.03 m rec.) gougy andesite,	2087	4.80- 5.80	1.0	0.055	1.1
		contacts broken; 5.14-5.18, 5.44-5.47 , Slips,					
		andesite gouge, contacts at 40-45° to core.					
6.20-			2088	5.80- 6.20	0.40	0.03	3.0
		Possible Vein Zone (rec. 0.60 m)	2089	6.20 6.20- 6.80		1.37	
6.80		Typical red-limonite-WAD stained andesite,	2090	6.80 6.80-	0.60	0.03	3.0
		prominent vuggy white quartz stringers, at 30-35° to core.	2000	6.80- 7.80	1.00	0.03	3.0
6.80-		Andesite					
15.20		As 2.50-6.20 interval (strongly broken core);	2091	7.80- 8.80	1.00	0.308	1.1
		6.8-7.8, 10 quartz f.f.; 7.8-9.1, 2 quartz	2092	8.80- 9.80	1.00	0.171	0.7
		f.f.; 8.67-8.74, massive black-red limonite	2093	11.00	1.20	0.171	0.8
· · · - · · · · · · · · · · · · · · · ·		stained basalt stringer;	2094	11.00-	1.00	0.17	3.0
		9.46-10.30 Fault (0.00 m rec.);	2095	12.00 12.00- 13.00	1.00	0.14	3.0
		9.10-10.30, 1 quartz f.f.;		•			

HOLE No. DDH-51 SHEET No. 2 OF 5

CORE WIDTH DEPTH DESCRIPTION SAMPLE No. Au(g/t)Ag(g/t)LOST OF SAMPLE 10.30-12.30, 10 quartz f.f.; 13.00-14.00 14.00-15.20 12.30-13.70, 10 quartz f.f.; 1.00 2096 0.034 0.7 13.70-15.20, 6 quartz f.f. 2097 0.103 0.7 1.20 15.20-Andesite 27.40 Typical purple to dark green, massive, prominent feldspar phenocrysts altered to soft white clay mineral(?); well fractured at 45° to C.A. with strong red limonite f.f.; 16.12-16.30 Slip mud zone reported, contacts broken; 16.94-18.00 Fault(0.27 m rec.) mud zone reported , contacts broken in broken and gougy core; 19.51-20.2 Fault reported, no core recovery; 20.54-20.57 Slip Gouge contacts at 45° to C.A.; 24.28-24.31 Purple massive basalt(?) stringer, contacts at 90° to C.A.; 26.90-27.40 gougy f.f. at 15-20° to C.A. 27.40-Andesite 26.40-30.30 More bleached, altered and silicified than 1.00 0.069 0.6 2098 27.40 27.40previous interval, stronger limonite staining; 1.00 0.069 0.7 2099 28.40 small, weakly vuggy Qtz. f.f. at 30-35° to C.A. 28.40-2100 1.00 0.034 0.7 29.40-30.30 27.40-28.50, 7 Qtz. f.f.; 2101 0.90 0.9 0.069 28.50-29.20, 4 Qtz. f.f.; 29.20-30.30, 5 Qtz. f.f.

Blackdome

PROPERTY

		PROPERTY Blackdome	HOLE No	DDH-51		···· SHEET No3	OF5
DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	OF SAMPLE		Au(g/t) Ag (g/t
30.30-		Possible Vein Zone (0.42 m rec.)	2102	30.30- 30.50	0.20	0.21	3.0
30.50		Andesite strongly bleached, altered and					
		silicified; 4 cm. Qtz. stringer at 30° to C.A.;	;				
		4 other Qtz. f.f. in interval.					
30.50-		Andesite	2103	30.50-	1.00	0.24	3.0
32.00		As 27.40-30.30 m;	2104	30.50- 31.50 31.50- 32.00	0.50	0.514	1.6
		8 Qtz. f.f. in interval.					
32.00-		Andesite					
35.00		Fresh, dark green-purple, dark red limonite	2105	32.88-	1.00	0.034	1.2
		and hematite f.f., weak WAD f.f.; feldspar	2106		1.00	0.034	0.9
		phenocrysts some fresh others altered to soft	2107	34.00-	1.00	0.21	3.0
		white mineral; fractured at 40-45° to C.A.;		1-2			
		32.0-33.5, 4 Qtz. f.f. at 40-45° to C.A.;					
		33.5-35.0, 6 Qtz. f.f.	****				
35.00-		Possible Vein Zone (0.87 m rec.)	2108	35.00- 36.00	1.00	0.17	3.0
36.00		Highly bleached, altered and silicified					
		andesite; weak vuggy white Qtz. stockwork;					
		Strongly yellow limonite stained.		-			
36.00-		Andesite					
51.00		Fresh, dark green to purple as 32.00-35.00 m; 39.61-39.69 massive purple basalt stringer	2109	36.00- 37.00	1.00	0.03	3.0
		contacts broken; 39.79-39.91 Slip? in					
		strongly broken core;					-
~ ~~~							

PROPERTY

Blackdome

HOLE No. DDH-51

SHEET No. 4 OF 5 CORE WIDTH DEPTH DESCRIPTION SAMPLE No. Au(g/t)Ag(g/t)LOST OF SAMPLE 1 cm. Gougy Slips at 30-35° 42.24-42.50 to C.A. 42.88-43.90 Bleached and weakly silicified andesite (4 Qtz. f.f.) Probable Fault 43.33-43.90 no core recovery; 44.90-48.90 Andesite weakly brecciated by dark red-purple stockwork probably of 47.40-2110 1.00 hematite (some possibly basalt), dark red 0.017 0.8 48:48hematite (limonite?) f.f.; 48.90-51.00 1.00 0.034 2111 1.1 49.40 49.40-50.40-51.00 1.00 0.034 0.8 brecciation as above becomes much stronger, 2112 2113 0.60 0.07 3.0 red hematite and light brown limonite f.f. 51.00-Vein Zone (0.91 m rec.) 51.00-52.16 1.16 1.85 4.0 52.16 Highly altered green-brown andesite breccia 2114 in weakly vuggy white quartz, strong red, light-brown limonite staining, contacts broken. Andesite (Alteration Zone) (0.62 m rec.) 2115 52.16-0.62 0.21 3.0 52.78 Yellow-brown limonite stained, bleached and silicified (8 quartz f.f.) 52.78-Andesite 52.78-74.5 Typical as 36.00-51.00 m; 1.02 0.03 3.0 2116 53.80 53.80-54.80-54.80-55.80 54.09-54.70, 54.94-55.23, strong light-brown 1.00 2117 0.137 1.5 2118 1.00 limonite staining; 52.78-54.70, 9 quartz f.f. 0.137 1.4 54.70-55.80, 8 quartz f.f.; 61.43-61.51 massive grey basalt stringer

PROPERTY Blackdome HOLE No. DDH-51 SHEET NO. OF 5 CORE WIDTH SAMPLE No. DESCRIPTION DEPTH Au(g/t)Ag(g/t) OF SAMPLE LOST contacts at 30-35° to C.A.; 62.16-62.22 Slip Gouge contacts at 45° to C.A. 1 cm. Slip Gouge contacts at 50-55 to 62.75 C.A.: 65.00 Possible Slip-Gouge with broken contacts; 65.52-65.61 Fault Gouge and andesite fragments, contacts at 60-65° to C.A. 67.9 To end of hole minor calcite-Qtz.-epidote f.f., 71.35-71.37, 71.92-72.05 Two particularly strong f.f. Hole ends 74.5 m. Drilled by Garnett Drilling.

BLACKDOME EXPLORATION LTD — DIAMOND DRILL RECORD

PROPERTY:....

Blackdome

HOLE No. DDH-55

DIP AND AZIMUTH TEST				
Corrected				
Angle	Azimuth			
-62 1/2 ⁰				
	1			
	Correc			

Core Size BQ	Total Depth 102.1 m	Sheet No. 1 of 5
Angle of Hole -65°	% Recovery 83.72%	Logged by L. Carlyle
Claim Dome #6		
Section	Latitude 6862.3	Date Finished August 18/80
Bearing 142 Az.	Departure 5845.0	Core Stored At BD Mtn.

DEPTH	CORE	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	Aı	ı(g/t).	Ag(g/t)
0-3.00		Casing					
3.00-		Andesite	i i				
35.24		Typical, dark green to black, fine grained;					
		strong feldspar phenocrysts altered to soft					
	1	white clay(?) mineral (no HCl reaction);					
		weakly fractured at 40-45° to C.A.; some red					
		limonite f.f. and staining;					
		3.14-3.20 Possible Slip Gouge, contacts					
·····		broken; occasional small black massive					
		stringers of basalt(?);					
,		9.15-10.00 7 weakly vuggy Qtz. f.f., strong					
······································		red limonite staining;					
		10.57-10.65 Slip Gouge, contacts broken;					
		10.76-11.00 Fault(0.08 m rec.) contacts					
		broken; 11.93-13.1 Fault mud reported no					
		core recovery; 13.73-15.10 Fault, no core					
-·· <u>-</u>		recovery; 16.58-16.9 Fault (0.12 m rec.)					
		contact at 16.58 m at 65° to C.A.					
		17.91-19.50 Fault Reported (0.16 m rec.)					
		contacts broken; 19.50-25.2 andesite					;
		becomes strongly yellow to light brown					

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	DDH-55 WIDTH OF SAMPLE	Au (g/t)	
	1031	stained-possibly from alteration and bleaching		OF SAMPLE	(3/ 3/	-3 (3) (
		or limonite staining weak wad f.f.;				
		24.1-24.7 Fault (0.16 m rec.) Gougy broken				
		contacts; 27.2-35.24 Weakly vuggy Qtz.				<u></u>
		(calcite?) f.f. at 30° to C.A.;				
		27.2-28.8 6 Qtz. f.f.;			 	
		28.8-29.6 4 Qtz. f.f.;			 	
		29.6-31.2 4 Qtz. f.f.;				
		31.2-32.3 2 Qtz. f.f.;			 	
		32.3-33.7 l Qtz. f.f.;				
		33.7-35.2 6 Qtz. f.f.				
35.24-		Fault				
38.40		Fault reported-No core recovery.				
38.40-		Andesite				
39.50		As 3.00-35.24 m;				
		1 Qtz. f.f. at 39.3 m;				
		Minor stockwork of Qtz. 39.40-39.50;				
		38.62-38.9 No core recovery- Tube didn't				
		lock.				
39.50-		Vein Zone (Upper red bird?) (0.30 m rec.)				
40.00		Highly altered and Bleached andesite; strong				
		white Qtz. veinlets and stringers weakly				
		vuggy with red limonite in vugs.				

PROPERTY Blackdome HOLE No: DDH-55 SHEET No. 3 OF 5 CORE SAMPLE No. DEPTH DESCRIPTION Au(g/t)Ag(g/t)LOST OF SAMPLE Andesite (0.57 m rec.) 40.00-40.60 Highly altered and bleached; strong yellowbrown limonite (TR red) staining TR WAD f.f.; No Qtz. f.f. 40.60-Andesite. Typical, dark green to black-purple, fine 62.63 grained; well developed feldspar phenocrysts some altered to soft white clay(?) mineral; strong red hematite (some limonite) f.f.; good core, fractured weakly at 40-45° to C.A.; 43.4-43.47 massive purple basalt stringers at 55-60° to C.A.; 45.80-46.30 rounded green andesite inclusions surrounded by purple fine grained andesite (product of autobrecciation or differential alteration?); 52.00-52.80 As 45.80-46.30; 53.50-54.90 as above; 56.70-57.80 as above; 59.30-59.70 4 weakly vuggy Qtz. f.f. at 35^O to C.A.; 59.70-61.40 as 45.80-46.30; Altered and Silicified Andesite 62.63-73.00 62.63-65.40 mostly typical dark green andesite with weak zones of alteration and bleaching, weakly vuggy Qtz. (some chert?) f.f. some forming fine stockworks, weak limonite-

HOLE No. DDH-55 SHEET No. 4 OF 5 PROPERTY Blackdome CORE SAMPLE No. DESCRIPTION DEPTH Au(g/t)Ag(g/t OF SAMPLE LOST WAD and hematite f.f.; 65.40-71.20 highly altered and bleached andesite strong yellow-red limonite and black WAD staining and f.f., soft white clay(?) mineral as f.f. 67.2-68.4 where feldspar phenocrysts visible they are entirely altered to clay minerals; 66.40-67.20 Probable Fault in strongly broken and gougy andesite, contacts broken; 68.70-68.90 Fault in gougy andesite, contacts broken; strong red limonite staining ends 71.2; 70.4-71.1 4 Qtz. f.f. at 50° to C.A.; 71.1-73.0 alteration zone? altered and silicified dark to olive-green andesite, red limonite and WAD f.f.; 71.1-72.0 7 weakly vuggy Qtz. f.f. at $45-50^{\circ}$ to C.A.; 72.0-73.0 13 Qtz. f.f. as above. 73.00-Vein Zone (0.31 m rec.) 74.25 Vuggy and strongly broken white bull Qtz.; strong red limonite staining in vugs, TR WAD. Altered and Silicified Andesite (Alteration Zone) 74.25-75.80 Yellow to olive-green, bleached; feldspar phenocrysts entirely altered to clay minerals; well fractured at 45° to C.A. fractures filled with soft white clay mineral (no HCl reacion)

PROPERTY.... Blackdome HOLE No. DDH-55 SHEET No. 5 OF. SAMPLE No. OF SAMPLE CORE DEPTH DESCRIPTION Au(g/t)Ag(g/t)LOST and yellow limonite-WAD f.f. some f.f. gougy to 1 cm.; no visible Qtz. f.f. 75.80-Andesite Typical, dark green to purple, fine grained; 102.1 well developed feldspar phenocrysts, partially altered to clay minerals; weak f.f. of limonite clay minerals and WAD; core fractured at 40-500 to C.A.; 78.60-78.80 Fault in broken and gougy core, contact at 78.80 at 45° to C.A.; 81.60 Possible Slip in broken core: 85.18-85.37 Fault in broken and gougy core, contacts broken: 86.75-86.80 Fault contacts at 50° to C.A.; 87.00-102.1 Small f.f. of calcite become visible (strong HCl reaction) core weakly vuggy in places because of dissolved calcite in f.f. 91.80-94.50 Fault (2.1 m rec.) strongly broken and gougy core with some solid zones included; contacts appear to be at 55-60° to C.A. Hole ends 102.1 m. Drilled by Garnett Drilling.

APPENDIX B

PERSONNEL

PERSONNEL

R.M. Blais, P.Eng.	Mining Engineer	July 16-18, 23,24; August 4-6, 13,14.
L.W. Carlyle, P.Eng.	Geologist	July 16- August 18.
A.F. Reeve, P.Eng.	Geological Engineer	July 29,30; August 12,13.
T. Johns	Cook	July 16- August 18.
R. Lonc	Geological Assistant	August 4,10,11.
T. Hanson	Geological Assistant	July 29- August 12.

APPENDIX C

STATEMENT OF EXPENDITURES

STATEMENT OF EXPENDITURES

Α.	PERSONNEL:	
	R. M. Blais, P. Eng. 10 days @ \$125.00	\$1,250.00
	L. W. Carlyle, P. Eng. 28 days @ \$125.00	3,500.00
	A. F. Reeve, P. Eng. 4 days @ \$200.00	800.00
	T. Johns 28 days @ \$60.00	1,680.00
	R. Lonc 3 days @ \$40.00	120.00
	T. Hanson 15 days @ \$40.00	600.00
		\$7,950.00 \$ 7,950.00
в.	ASSAYS AND GEOCHEMICAL ANALYSES	1,300.50
c.	DRILLING	30,127.81
D.	TRAVEL	500.00
E.	OFFICE OVERHEAD, SECRETARIAL, R MAPS, ETC	EPORTS, 475.00
F.	FOOD	1,100.00
G.	TRUCK RENTAL & LEASE PAYMENTS	
		TOTAL \$41,778.31

APPENDIX D

WRITER'S CERTIFICATE



ALBERT F. REEVE LIMITED

APPENDIX-D

CERTIFICATE

I, Albert F. Reeve of #1711-2008 Fullerton Avenue, North Vancouver, British Columbia, V7P 3G7, do hereby certify that:

- 1. I am a geologist employed by Albert F. Reeve Limited of Vancouver, British Columbia and practiced as a mineral exploration geologist for the past 18 years.
- 2. I graduated from Michigan Technological University, Houghton, Michigan in 1961, with a Bachelor of Science degree in Geological Engineering.
- 3. I am a member in good standing of the Association of Professional Engineers of British Columbia.

4. I am the author of this report which is based on a programme of diamond drilling carried out under my supervision.

Vancouver, Barrier

September 30, 1980

Albert F. Reeve, P.Eng.

APPENDIX E

MAPS

