

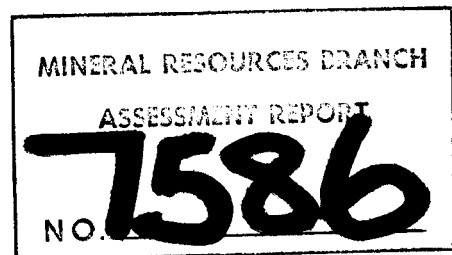
MERV ENGINEERING CORP.
335 - 885 DUNSMUIR ST.,
VANCOUVER, B.C. V6C 1N5

PHONE: (604) 689-8325

DIAMOND DRILL DATA
ON
RED DOG GROUP

NUTTLUDE LAKE, LIARD MINING DIV.
57°41N 130°30'W 104G9/W

J.W. MacLeod, P. Eng.
Vancouver, B.C.
Nov 28, 1979



MERV ENGINEERING CORP.
335 - 885 DUNSMUIR ST.,
VANCOUVER, B.C. V6C 1N5

PHONE: (604) 689-8325

Nov 28, 1979

Mr. T. Mitchell
Gold Commissioner
Liard Mining Division
411 Douglas Building
Victoria, B.C.
V8V 1X4

Dear Sir:

RE: Consolidated Silver Ridge Mines Ltd.
Red Dog Group

Enclosed please find the following backup for the
Statement of Exploration and Development filed Oct 30,
1979 for this group:

Drill Hole Logs	
Drill Hole Sections	1:1000
Location Map	1:240,000
Property Plan	1:50,000
Plan of Access Roads	1:2000
Plan of Drill Holes	1:1000

The 832.2 metres of drilling was accomplished in the
following holes:

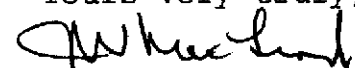
79-1	-	161.2m	Start July 8
79-2	-	115.5	
79-3	-	94.8	
79-4	-	21.3	
79-5	-	39.6	
79-6	-	121.9	
79-7	-	22.6	
79-8	-	123.4	
79-9	-	65.5	
79-10	-	66.4	Stop Oct 14

Total expenditure by the company on this program in-
cluding access and camp was \$491,147.70 or \$590.17 per
metre (\$179.93 per foot)

The program was directed by Mr. P. Dickson, P. Eng.
with on site supervision provided by G.A. Noel, P. Eng.

APPLY \$ 95 526.21 @ PER DRILLING INVOICES
(PHONE TEX.)

Yours very truly,



J.W. MacLeod, P. Eng.
Consultant

D.J. DRILLING COMPANY LTD.

13135 - 20th Avenue
SURREY, B.C. V4A 1Z1
Phone 531-4134

October 18, 1979.

Consolidated Silver Ridge Ltd.,
333 - 855 Dunsmuir Street,
Vancouver, B.C.

Dear Sir:

Re: WQ Diamond Drilling
Kinaskan Lake Area, B.C.

Following is a summary of the enclosed
invoices covering the period Sept 16 - 30, 1979.

Hole #79-8 Remainder	70.75
Hole #79-9	3,834.15
Hole #79-10	769.65
Labour, re Moves, Travel Time	5,600.00
Reaming, Cementing	<u>2,700.00</u>
	\$ <u>12,974.55</u>

Yours truly,

PD PD
CSM
401-03

(Mrs) E.M. Schussler,
Secretary.

encl.

D.J. DRILLING COMPANY LTD.

13135 - 20th Avenue
SURREY, B.C. V4A 1Z1
Phone 531-4134

October 1, 1979.

Consolidated Silver Ridge Ltd.,
333 - 885 Dunsmuir Street,
Vancouver, B.C.

Dear Sir:

Re: NO Diamond Drilling
Kinaskan Lake Area, B.C.

Following is a summary of the enclosed invoices covering the period Sept. 1 - 15, 1979.

Hole #8 Incomplete	\$5,819.30
Reaming, Cementing	\$1,485.00
Labour, re Moves, travelling time, etc.	\$3,552.00
	<hr/>
	\$ <u>10,856.30</u> —

Yours truly,

(Mrs.) E.M. Schussler,
Secretary.

encl.

PS *PS*
401-53

D.J. DRILLING COMPANY LTD.

13135 - 20th Avenue
SURREY, B.C. V4A 1Z1
Phone 531-4134

September 14, 1979

Consolidated Silver Ridge Ltd.
333 - 885 Dunsmuir Street
Vancouver, B. C.

Dear Sir:

Re: NO Diamond Drilling
Kinaskan Lake Area, B. C.

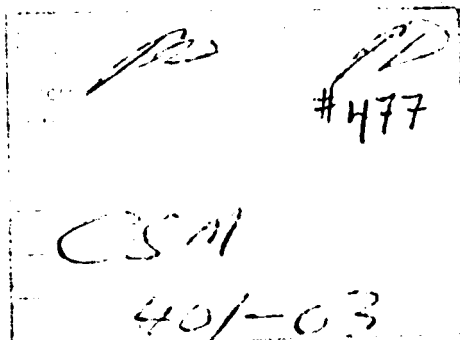
Following is a summary of the enclosed invoices covering the period August 16 - 31, 1979:

Hole #6 Remainder	\$ 4,075.20
Hole #7 Incomplete	1,170.95
Cementing, Reaming, Standby	2,340.00
Labour re Moves, Travelling Time, etc.	2,640.00
Supplies charged to C.S.R.	<u>1,040.29</u>
	\$11,266.44
Less Air Fares Langan & Jackson @ \$90.00	<u>-180.00</u>
Total	<u>\$11,086.44</u>

Yours truly,

E. M. Schussler
(Mrs.) E. M. Schussler
Secretary

Encl.



D.J. DRILLING COMPANY LTD.

13135 - 20th Avenue
 SURREY, B.C. V4A 1Z1
 Phone 531-4134

August 23, 1979

Consolidated Silver Ridge Ltd.
 333 - 885 Dunsmuir Street
 Vancouver, B. C.

Dear Sir:

Re: BQ & NQ Diamond Drilling
Kinaskan Lake Area, B. C.

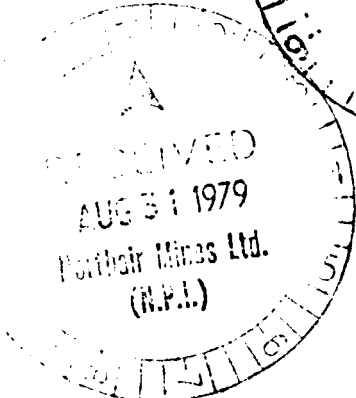
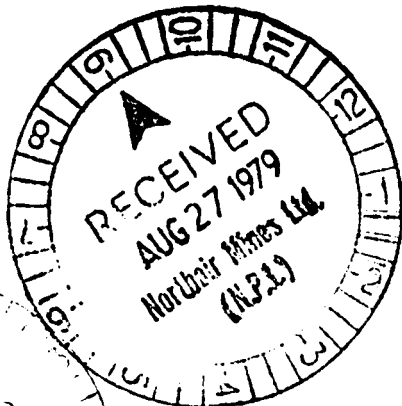
Following is a summary of the enclosed invoices covering the period August 1 - 15, 1979.

Hole #3 Remainder	\$ 63.25
Hole #4	800.00
Hole #5	1,921.75
Hole #6	1,706.05
Reaming, Cementing, Standby	5,850.00
Labour re moves, travelling time	3,776.00
Materials consumed and charged to C.S.R.	<u>1,328.85</u>
Total	<u>\$ 15,445.90</u>

Yours truly,

E. M. Schussler
 (Mrs.) E. M. Schussler
 Secretary

Encl.



CSM

GOODS REC'D	<i>MB</i>	OK FOR PAYMENT	<i>R</i>
PRICES & EXT. OK		CHEQUE NO.	
	CODE	AMOUNT	
	<i>401 03</i>		

D.J. DRILLING COMPANY LTD.

13135 - 20th Avenue
SURREY, B.C. V4A 1Z1
Phone 531-4134

August 9, 1979

Consolidated Silver Ridge Ltd.
333 - 885 Dunsmuir Street
Vancouver, B. C.

Dear Sir:

Re: BQ Diamond Drilling
Kinaskan Lake Area, B. C.

Following is a summary of the enclosed invoices covering the period July 16 - 31, 1979.

Hole #1 Remainder	\$ 2,642.15
Hole #2	6,007.20
Hole #3 Incomplete	4,398.30
Labour re moves, travelling time, etc.	<u>2,752.00</u>
Total	<u>\$ 15,799.65</u>

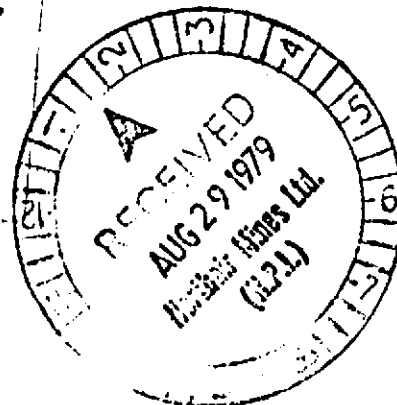
Yours truly,

E. M. Schussler

(Mrs.) E. M. Schussler
Secretary

Encl.

132
#436
401-03



D.J. DRILLING COMPANY LTD.

13135 - 20th Avenue
SURREY, B.C. V4A 1Z1
Phone 531-4134

July 28, 1979

Consolidated Silver Ridge Ltd.
333 - 885 Dunsmuir Street
Vancouver, B.C.,

Dear Sir:

Re: BQ Diamond Drilling
Kinaskan Lake Area, B. C.

Following is a summary of the enclosed invoices covering the period up to July 15, 1979.

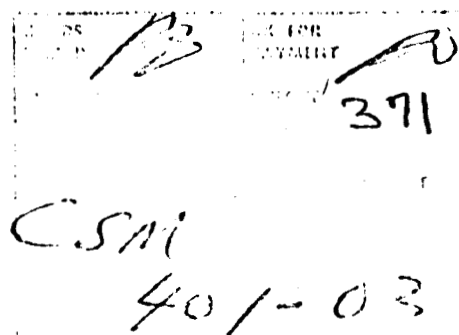
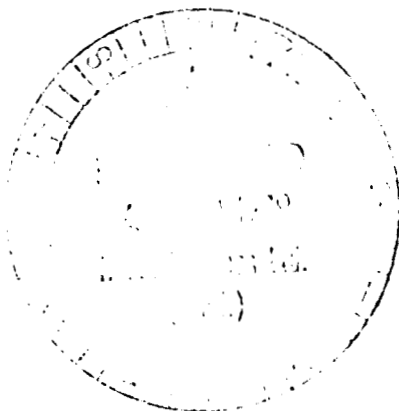
Labour re mobilizing equipment, etc.	\$ 4,720.00
Drill crew standby time	2,000.00
Hole #1 - Incomplete	4,402.85
Freight	131.66
Cement and Quik Gel	<u>242.32</u>
	\$ 11,496.83
Credit Air Fare re Kikic	<u>- 96.00</u>
Balance Owing	<u>\$ 11,400.83</u>

Yours truly,

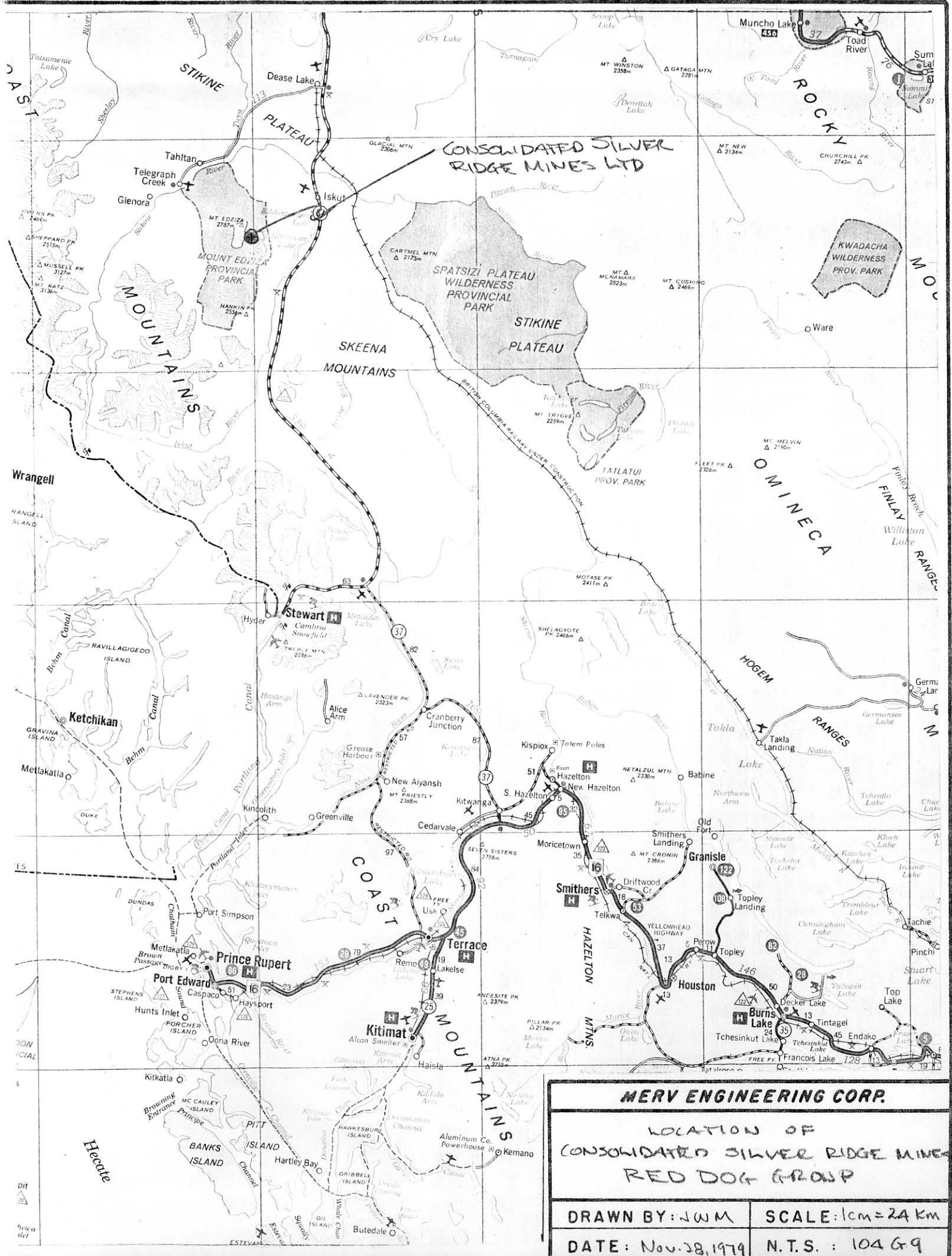
E. M. Schussler

(Mrs.) E. M. Schussler
Secretary

Encl.

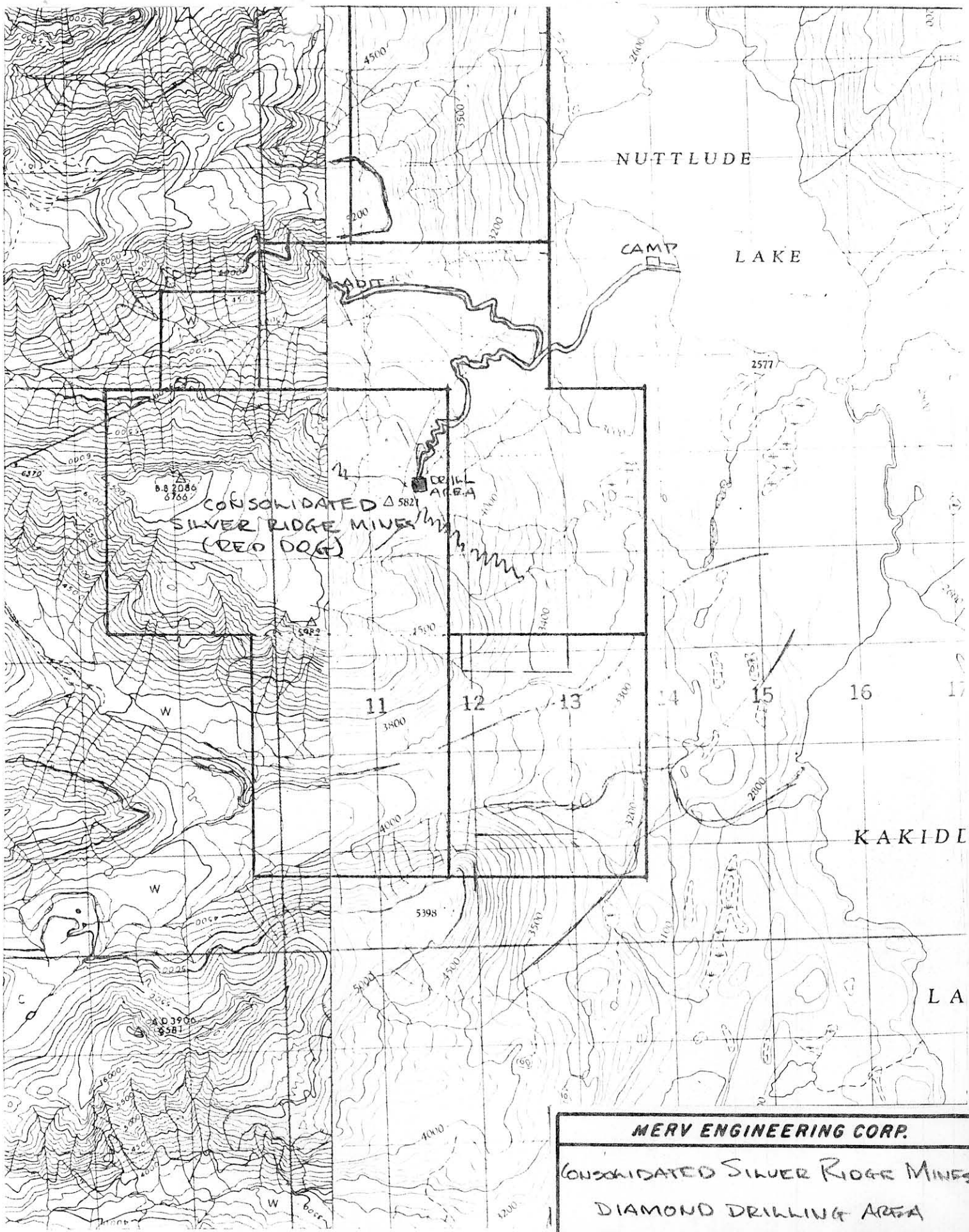


CTAL
4,865.12
7,962.54
12,827.66



CONSOLIDATED SILVER RIDGE MINES LTD

MERV ENGINEERING CORP.	
LOCATION OF CONSOLIDATED SILVER RIDGE MINES RED DOG GROUP	
DRAWN BY: JWM	SCALE: 1cm = 24 Km
DATE: Nov. 28, 1979	N.T.S. : 104 G 9



MERV ENGINEERING CORP.	
CONSOLIDATED SILVER RIDGE MINES DIAMOND DRILLING AREA	
DRAWN BY: JWM	SCALE: 1:50 000
DATE: Nov 28, 1979	N.T.S. : 104 G9

1000m

Project Censol. Silver Ridge Location Red Dog Property
 Hole No. CSR 79-1 Page No. 1 of 10
 Coordinates: 9578.5 N 9805 E
 Collar elev. 5440 (1658 m) Bearing due E
 Inclination -80°30' Total Depth 161.2 metres.

Contractor W. W. Drilling Co. Ltd.
 Date Started July 8, 1979
 Date Finished July 18, 1979
 Ref. to Claim Corner _____
 Logged by G. A. Noel

DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SECTION	ALTERATION		FRACTURING	MINERAL	GEOLOGY	COMMENTS: Scale: 1:100 (metric) Permafrost to 6.1 m. Core v. broken: 68-81; 94-99; 139-161	AVE. CORE REC'Y/HOLE: 94.8%
				Biotite	Chlorite					
0			0						0 - 4.6: <u>Overburden</u>	
4.6			4.6							
6.1	103.8	N CAS B CAS	6.0				py cpy mo sph	±5% sulf. Fractures 6.1 qtz-py sms	4.6-21.0: <u>Quartz monzonite</u> : gray, fine to med. grained, porphyritic with feldspar phenocrysts; strongly altered, fairly well fractured; Fe Ox along fractures to 14.6 m.; vrb. py. both dissem. & along fractures; sparse dissem. cpy.; rock fairly hard. Alterations: carbonate, chlorite and brown biotite.	
7.0			7.0				py	7.0 py sms		
8.2	110		8.0				py mo	7.8 7mm CaCO ₃ w. py, mo Fractures.		
	105.5		9.0				py cpy mo	±5% sulf.		
			10.0				py cpy mo	10.0. 3.5% sulf.		
			11.0							
	89.3		12.0				py mo	11.6		
			13.0							
	100	B Q	13.0							
			14.0							
	108		14.0				py sph	13.2		

DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SECTION	ALTERATION		FRACTURING	MINERAL	GEOLOGY	COMMENTS:	AVE. CORE REC'Y/HOLE:
				Br. biotite	Epidote					
63.0			63						Scale: 1:100 metric.	94.8%
	87.5		64						Core very broken: 68-81, 94-99, 139-161	
64.6	100		65						4cm. qtz-calcite w. PY	32.1-72.2: <u>Dacite tuff & tuff-breccia</u> : see page 3 for description
64.9			66						3cm qtz-calcite	
	101		67						1cm qtz-calc w PY	
			68						} Est. 3% sulphide	
67.7			69							
68.6	83		70						4cm calcite w. py	
	105		71							
71.6	100		72							
71.9			73							
	85		74							
73.1	60		75						0.5 cm. sulph. sm	72.2-78.6: <u>Rhyolite tuff</u> : buff to grey; very siliceous; pyrite as disseminations & along fractures; few ptchs epidote.
73.8	100		76						0.5 cm qtz	
74.4	60		77						3 cm sm. PY, cpy, ZnS,	
75.0	80		78						br. color banding.	
75.3	70		79						bands & bx	
75.9	100		80						color banding.	
76.8	70		81						dacitic tuff-bx	
77.1	95		82							
78.3	40		83						7cm. calcite v. py.	
78.6	33.3		84							

DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SECTION	ALTERATION		FRACTURING	MINERAL	GEOLOGY	COMMENTS:	AVE. CORE REC'Y/HOLE:
				Biotite	Epidote					
79.2			79						Scale: 1:100 (metric) Core v. broken: 68-81, 94-99, 139-161	94.8%
	83.3		80					78.6-91.1: <u>Dacitic tuff breccia</u> : grey; flattened & rounded clasts of dacite up to 0.5 cm.; considerable fine pyrite; some arsenopyrite, particularly 88-91 metres		
80.5	100		81					80.8-82.0: buff to gy. rhy tuff color banding		
81.0								6 cm. qtz-carb bx		
	83.3		82					0.5 cm. qtz w. py.		
82.0								3.0 mm. qtz, py, sph.		
82.6	135		83					frag. bands.		
83.2								15 mm. py sm.		
	110		84					bx band - 5 cm. wide		
								10 cm. qtz sm		
	93		85					1 cm. calcite		
								7 mm. qtz		
			86					calcite - tuff bx		
86.2	125		87					tuff banding		
86.9										
	92		88					dac tuff bx		
								3 mm seam FeAsS		
			89					1.5 mm sm. py.		
								3 mm. sm qtz + arsenopy.		
89.6	100		90					tuff banding		
90.2								5 mm sm. qtz w. py, cpy		
	80		91					tuff-bx banding;		
91.1								clasts up to 1 cm.		
91.4	150		92					1 cm qtz w. py, sph,	91.1 - 137.3: <u>Rhyolite tuff</u> : grey to buff; hard; slight banding at 40'-50' to core; calcite seams, pyrite with some arsenopyrite along fine fractures and disseminated.	
								2 cm qtz-calcite w. py, arsenopy		
			93					tuff banding		
	96							calcite sms.		
			94					1-10 mm. qtz-calcite		
94.4								3 ms w. py, arsenopy		
	70		95							
95.1	92							6 cm CaCO ₃		

DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SECTION	ALTERATION			FRACTURING	MINERAL	GEOLOGY	COMMENTS:	AVE. CORE REC'Y/HOLE:
				Biotite	Epidote	Silicific					
95			95							Scale: 1:100 metric	94.8%
	93								Core v. broken: 68-81; 94-99; 139-161		
96			96								
	100										
96.9			97								
	67										
97.8			98								
	60										
98.4			99								
	85										
99.5			100								
	100		101								
102.7			102								
	100		103								
104.2			104								
	100		105								
106.7			106								
	94		107								
109.1			108								
	100		109								
			110								
			111								

91.1 - 137.3: Rhyolite tuff: See page 6 for description.

thin sms qtz, py, FeAsS
 py sms
 5-10 mm CaCO₃ sms w. py
 Shearing.
 3 cm qtz + CaCO₃
 3 mm. qtz w. py, cpy, sphalerite
 thin qtz & py sms
 brecciated rhyolite tuff.
 num. calcite, py, arsenopy. sms.
 thin sms py, arsenopy
 thin sms py, qtz, arseno
 buff rhy tuff w. num sms
 (1-5 mm) qtz, calcite, py, arsenopy
 1 cm qtz-py
 num. (1-5 mm) qtz, py, arsenopy sms
 qtz sms w. py, cpy
 qtz sms w. py
 thin qtz sms
 thin banding in rhy tuff
 1-5 mm sms. qtz w. py, arsenopy
 1 & 2 cm sms qtz-calcite w. py
 Shearing - thin talcose gouge.
 2 cm. qtz-calcite sms.
 gy rhy. tuff w. dissem. ZnS, FeAsS
 gy rhy. tuff-bx.
 calcite sms
 4 cm. calcite; py
 fine tuff banding.
 fine py sms.
 1-5 mm sms

BQ

100-101

108-109

DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SECTION	ALTERATION			FRACTURING	MINERAL	GEOLOGY	COMMENTS:	AVE. CORE REC'Y/HOLE:
				Biotite	Epidote	Silicific					
111			111							Scale: 1:100 metric Core v. broken: 68-81; 94-99; 139-161	94.8%
111.9	100		112				py		91.1-137.3: <u>Rhyolite tuff</u> . See page 6 for description. Estimate 5-10% sulphides 108-130 m.		
112.9	103		113				ars		1-3 mm sms py & arsenopy.		
							ars		tuff banding		
							py		br. rhy tuff w. py, arsenopy sms		
							ars		buff rhy tuff		
	90.7		114				ars		5ms py & arsenopy		
115.2			115				ars		buff rhy. tuff w. thin		
116.1	100		116				py		5ms py & arsenopy.		
							ars		thin sms qtz w py, arsenopy		
							gal		4cm calcite & py		
	96.7		117						5mm qtz w. fine py, arsenopy & galena		
									tuff banding		
									3cm. calcite bx; qtz-py-arseno sms.		
			118				py		1-3 mm. sms qtz, py & arsenopy.		
118.8			119				ars		buff rhyolite tuff w. py-arsenopy sms		
119.5	95		120				py				
							ars		buff rhy. tuff w. qtz-py-arsenopy sms.		
	104		121				py		2cm. calcite		
									tuff banding		
121.9			122				ars		thin sms qtz, py, arsenopy		
	108		123				ars		thin sms qtz, py, arsenopy.		
123.4			124				py		thin sms py, arsenopy		
									2 cm qtz & py.		
	104		125				ars		5-10 mm. sms qtz, py, arsenopy.		
									2cm calcite bx		
125.5			126				ars		buff rhy tuff; thin sms py, arseno.		
									3cm. calcite		
	104		127				py		buff to gy rhyol tuff		
							ars		1-5mm sms qtz, calcite,		

DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SECTION	ALTERATION			FRACTURING	MINERAL	GEOLOGY	COMMENTS:	AVE. CORE REC'Y/HOLE:
127	104								Scale: 1:100 (metric) Core yy broken: 68-81, 94-99 & 139-161 m.	94.8%	
128	98								91.1-137.3: <u>Rhyolite tuff</u> ; see page 6 for description. buff to gy. rhy. tuff 1-3 mm. sms qtz, calcite, py & arsenopy.	Est. 5% sulphides 127-135 m.	
129.5	84								buff rhy. tuff w. 1-10 mm. sms calcite, qtz, py & arsenopy		
131.7	102								1-5 mm. sms calcite, qtz, py & arsenopy.		
134.4	87								2cm. qtz-calcite sms 5mm. calcite sms. tuff banding tuff-bx; calcite sm. w py thin calcite sms fine tuff banding. buff rhy. tuff; calcite sms	Est. 2% sulphides.	
136.2	80								qtz-calcite bx w py(+). Est. 10% sulph.		
137.5	74								10 cm. qtz-calcite w. py(+) br. dacitic tuff; dissem. py. - Est. 2% sulph. rhy. tuff w. 1-5 mm. sms py, arsenopy. gy & wh. rhy. tuff & bx; thin sms py, arsenopy.		
139.6	27								gy. rhy. tuff; thin py sms.		
141.1	50								calcite, qtz, py sms Est 10% sulph	137.3-140.8: <u>Rhyolite tuff-breccia</u> ; grey, hard, cherty in places.	
142.6	30								calcite bx; py sms		
143.2	40								cherty rhy tuff-bx - py sms		
									Fault - gougy.		
									br. rhy. tuff w dissem fine py	140.8-151.5; <u>Rhyolite tuff</u> ; brown, buff & white; v. siliceous.	
									wh. rhy. tuff; thin sms py, arsenopy.		
									br rhy tuff; fine siliceous.		

DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SECTION	ALTERATION			FRACTURING	MINERAL	GEOLOGY	COMMENTS: Scale: 1:100 (metric) Core v. broken: 68-81; 94-99 & 139-161 m	AVE. CORE REC'Y/HOLE: 94.8%
143.5 -144.4	45		143.5 -144					ars	tuff banding		
-144.8	20							py		140.8-151.5: <u>Rhyolite tuff</u> : brown, buff & white, hard; v. siliceous.	
-145.4	50		145-					ars	br. rhy. tuff & tuff-bx		
-145.7	70							ars	thin sms qtz, py, arsenopy.		
-146.6	30		146-					py			
-147.2	60		147-					py	gy & wh rhy. tuff		
-147.8	80							py	Est. 2% sulphides.		
-148.4	120		148-					py	qtz-py sms.		
-149.0	100		149-					py	br. rhy tuff-bx		
-150.0	100		150-					py	py sms		
-150.6	80							py	gy dac. tuff & tuff bx.		
-151.2	20		151-					py	calcite sms		
-152.1	77	BQ	152-					py	bx banding		
-152.7	100							py	thin py sms.	151.5-152.8: shearing	
-153.5	60		153-					py	gy rhy. tuff	151.5-161.2: <u>Dacitic & rhyolitic tuff-breccia</u> : brown & grey, fairly hard; sheared contacts.	
-153.9	87							py	rhy-calcite bx		
-154.5	70		154-					py	strongly sheared		
-155.6	20		155-					py		161.2 : END OF HOLE CSR 79-1	
-156.1	67		156-					py			
-157.3	70		157-					py	bx - cherty clasts		
								py	Est. 1% sulphides.		
			158-					py	br dac. tuff bx.		
								py	thin py sms.		
			159-					py	shearing		
	60		161-					py	br. dac tuff-bx w. thin py sms		

Depth Interval (m.)		CORE								Depth Interval		SLUDGE				
From	To	Sample No.	M. Inches Rec.	% Rec.	ASSAY				From	To	Sample No.	Lbs. Rec.	% Rec.	ASSAY		
					Au	Ag	Cu									
5	8	2701	3.2	107	.007		0.10									
8	11	2702	3.2	106	.005		0.10									
11	14	2703	2.76	92	.005		0.16									
14	17	2704	3.27	109	.004		0.17									
17	20	2705	2.76	92	.014		0.10									
20	21.5	2706	1.70	113	.005		0.06									
21.5	23.0	2707	1.89	126	.065		0.99									
23.0	25.5	2708	2.50	100	.030		0.35									
25.5	28.2	2709	2.75	102	.018		0.04									
28.2	28.3	2710	1.13	113	0.116	0.35	0.07									
28.3	31.0	2711	2.61	97	0.233	0.40	0.06									
31.0	32.0	2712	1.05	105	.033	0.30	0.06									
32.0	33.5	2713	1.51	101	.018	0.66	0.22									
33.5	35.0	2714	1.45	97	.003	0.55	0.19									
35.0	37.4	2715	2.33	97	.031	0.19	0.08									
37.4	38.3	2716	0.78	87	.012	0.11	0.05									
38.3	39.8	2717	1.54	103	.025	0.50	0.20									
39.8	41.0	2718	1.34	112	0.103	0.65	0.18									
41.0	42.5	2719	2.50	100	.021		0.11									
42.5	44.0	2720	1.49	99	.045		0.12									
44.0	45.8	2721	1.90	106	.022		0.08									
45.8	46.5	2722	0.77	110	.013		0.05									
46.5	49.5	2723			.010		0.10									

0.086 oz/lb Au

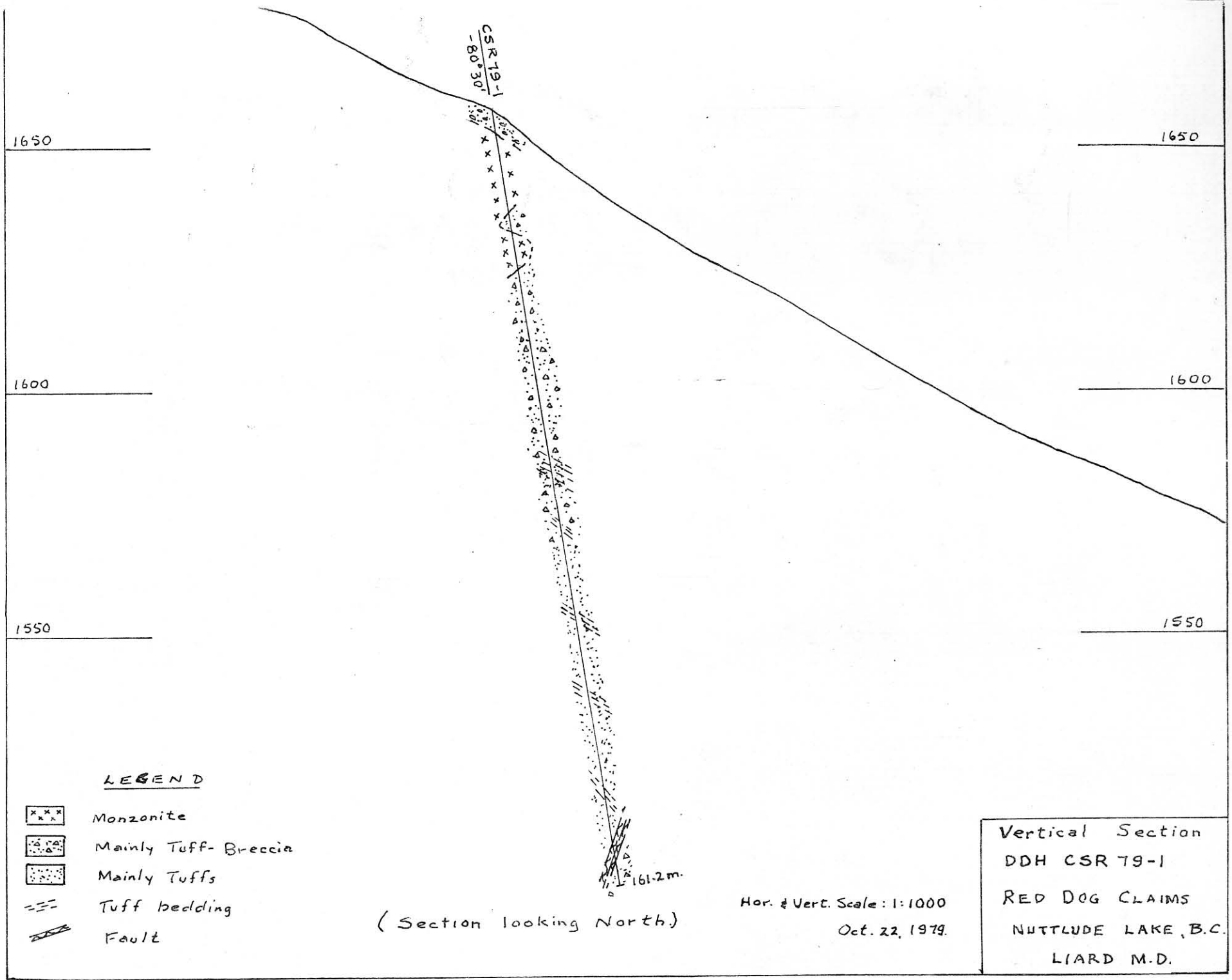
10.5 m.

0.038 oz/lb Au

9.0 m.

Depth Interval		CORE							Depth Interval		SLUDGE							
From	To	Sample No.	Inches Rec.	% Rec.	ASSAY			From	To	Sample No.	Lbs. Rec.	% Rec.	ASSAY					
					Au	Ag	Cu%											
104.5	106.0	013			0.012	0.05												
106.0	107.5	014			.042	0.06												
107.5	109.0	015			.046	0.05												
109.0	110.5	016			.044	0.15												
110.5	112.0	017			.064	0.07												
112.0	113.5	018			.066	0.17												
113.5	115.0	019			.084	0.10												
115.0	116.5	020			.030	0.12												
116.5	118.0	021			.018	0.05												
118.0	119.5	022			.012	0.05												
119.5	121.0	023			.024	0.18												
121.0	122.5	024			.074	0.10												
122.5	124.0	025			.026	0.10												
124.0	125.5	026			.036	0.11												
125.5	127.0	027			.064	0.05												
127.0	130.0	028			.054													
130.0	133.0	029			.024													
133.0	135.3	030			.030													
135.3	138.0	031			.030	0.20	Y											
138.0	141.0	032			.008													
141.0	144.0	033			.032													
144.0	147.0	034			.014													
147.0	150.0	035			.008													

$\frac{0.044 \text{ oz/tr Au}}{36.5 \text{ m (101.5-138)}}$ or $\frac{0.05 \text{ oz/tr Au}}{24 \text{ m (106-130)}}$



CSR 79-1
- 80° 30'

1650

1650

1600

1600

1550

1550

LEGEND

-  Monzonite
-  Mainly Tuff-Breccia
-  Mainly Tuffs
-  Tuff bedding
-  Fault

(Section looking North)

161.2m.

Vertical Section
DDH CSR 79-1
RED DOG CLAIMS
NUTTLUDE LAKE, B.C.
LIARD M.D.

Hor. & Vert. Scale: 1:1000
Oct. 22, 1979.

DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SECTION	ALTERATION			FRACTURING	MINERAL	GEOLOGY	COMMENTS:	AVE. CORE REC'Y/HOLE:
				Epidoite							
30			30								
31.4	96	A	31				ars		11.3-46.8: <u>Rhyolitic tuff & tuff-breccia</u> : see page 1 for description		
32.0	80		32				py		rhy. tuff bx w. thin sms py, arsenopy Est. 5% sulph		
32.9	93		33				py		thin qtz-py sms calcite sms w py		
33.5	145		34				py		rhy tuff bx; banding @ 50 Est 3% sulph py w qtz		
	87		35				py		rhy. tuff; py, qtz, calcite sms		
35.4	100		36				py		mottled buff fbr rhy. tuff-bx w. thin sms py & qtz		
36.0			37				ars py		1.4 cm. calcite sm in br rhy. tuff-bx Est 5% sulph - py, arsenopy.		
38.7	119		38				py		mottled rhy. tuff-bx w sms qtz, calc & py		
39.6	83		39				ars		gy-gn dac. tuff-bx; thin sms py & qtz.		
40.5	100		40				ars		arsenopy sms @ 40-80 out by qtz-py. hem. sms @ 50; Est 5% sulphides		
40.8	82		41				py		dac. tuff-bx w. thin qtz-py sms; Est. 5% sulph.		
42.1	60		42								
42.4	82		43								
44.2	75		44								
44.3	100	BQ	45						buff to gy. rhy tuff-bx; w. thin qtz-py sms; Est. 5% sulph.		
46.6	83		46				ars sph		calcite - sulphide vein: py, arsenopy, sph. (20 cm. wide) Est 50% sulphides.		
48.1	114		47								
49.4	88		48				py		thin sms qtz, calcite, py. sheared talcose.	46.8-50.9: <u>Dacitic tuff-breccia</u> : grey green; conspicuous fine banding; epidotized & chloritized. Estimate 5% sulphides	
50.9	98		49								
50.9	88		50				py		fine banding		
52.1			51								
	81		52				ars		rhy. tuff-bx	50.9-63.0: <u>Rhyolite tuff</u> : grey to buff; hard; finely banded in places at 35° to 50° to core; thin seams quartz, calcite, pyrite and arsenopyrite; estimate 3-5% sulphides.	
54.4			53								
54.4	100		54				ars		thin sms calcite, qtz w. py & arsenopy. Est 5% sulph.		
55.5			55				ars		fine banding 1 cm qtz		
	95		56				ars		banding; sms qtz, py, arsenopy		
57.9			57				py		shearing to core; FeOx		
	107		58				ars		gy dac. tuff-bx - Est 3% sulph.		
59.7			59				ars py				
	88		60				ars		3cm qtz-calc. vn. w. py, ars., cpy		
61	107		61				py		qtz-sulphide vn. w. arseno, py & cpy. Est 40% sulph.		
61.9	88		62				ars gall.		rhy. tuff-bx; sms py. rhy. tuff; thin sms py, arsenopy. Est 3% sulph.		

DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SECTION	ALTERATION			FRACTURING	MINERAL	GEOLOGY	COMMENTS: Scale: 1:200 metric	AVE. CORE REC'Y/HOLE: 82.2%
				Epidote							
62	70		62								
62.5	100		63								
63.1	65		64								
63.7	100		65								
64.3	103		66								
66.4	77		67								
67.4	25		68								
68.6	100		69								
70.7	55		70								
71.3	74		71								
72.8	50		72								
73.4	80		73								
74.1	81		74								
75.7	90		75								
76			76								
77			77								
78			78								
79			79								
80.5	102		80								
81			81								
82			82								
82.9	98		83								
83			84								
84			85								
85.6	94		86								
86			87								
87.5	22		88								
88			89								
89.4	74		90								
89.6	85		91								
90			92								
91.4	87		93								
92.0	85		94								
92.6	120										
93											
94	33										

COMMENTS: Scale: 1:200 metric

AVE. CORE REC'Y/HOLE:
82.2%

63.0-70.4: Rhyolite tuff-breccia: greenish grey and yellow to buff; conspicuous banding @ 50°; epidote in thin seams (1-5 mm). Quartz & calcite seams with pyrite and, in places, a little arsenopyrite. Est. 5% sulph.

70.4-81.2: Rhyolite tuff: buff to grey; hard; pyrite with arsenopyrite as seams & disseminations; Est 5% sulph.

81.2-98.7: Dacite tuff: gray to greenish grey; fairly hard; finely banded in places; light epidote alterations; pyrite w. a little arsenopyrite as seams & dissem. Est. 2% sulphides.

1cm. calcite w. py⁻¹

DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SECTION	ALTERATION			FRACTURING	MINERAL	GEOLOGY	COMMENTS: Scale: 1:200 metric	AVE. CORE REC'Y/HOLE:
95	70		95							82.2%	
95.4	120		96				ars		81.2-98.7: Dacite tuff: see page 3 for description		
96.0	97		97				py		fine banding		
96.9	60		98				ars		qtz-py sms @ 25° ± // to core.		
97.8	56		99						Est. 1% sulphides		
98.1	57		100						gy dac. tuff & tuff-bx		
99.1	75		101				py		thin sms qtz w py.		
99.7	58		102				ars		98.7-115.5: Rhyolite tuff: gray & buff; shows fine banding at 15° in places; thin quartz, pyrite, epidote sms; little FeAsS.		
102.7	55		103				py		Estimate 2% sulphides.		
104	70		104						Fine banding @ 15° to core		
105.7	67		105				ars		qtz sms w. py @ 20°		
106.1	30		106				py		qtz sms w. py @ 30, 60° ± // to core.		
107	23		107				py		qtz sms w. py, arsenopy.; Est 2% sulph.		
107.9	45		108				py		qtz-py sms.		
108.7	25		109				cpy		Est 5% sulphides.		
109.1	42		110				py		buff rhy & rhy. bx.		
110.8	44		111						tuff-bx		
111.1	63		112						banding @ 50°		
112.2	66		113				py		wh. to gy. rhy. tuff		
113.7	45		114				py		thin sms qtz, calcite, py, arsenopy.		
115.5	12		115						wh. gy & buff rhy. tuff; banding @ 50°		
			116						115.5 m End of Hole		

Note: Hole stopped due caving & no water return - even with cementing.

Project Consol. Silver Ridge Mines Location Red Dog Property, Alutluda Lake, B.C.

Contractor D.J. Drilling Co. Ltd.

Hole No. CSR 79-2 Page No. 1 of 3

Date Started July 19, 1979

Coordinates: 9529.0 N 9805 E

Date Finished July 25, 1979

Collar elev. 1667 m Bearing due E

Ref. to Claim Corner

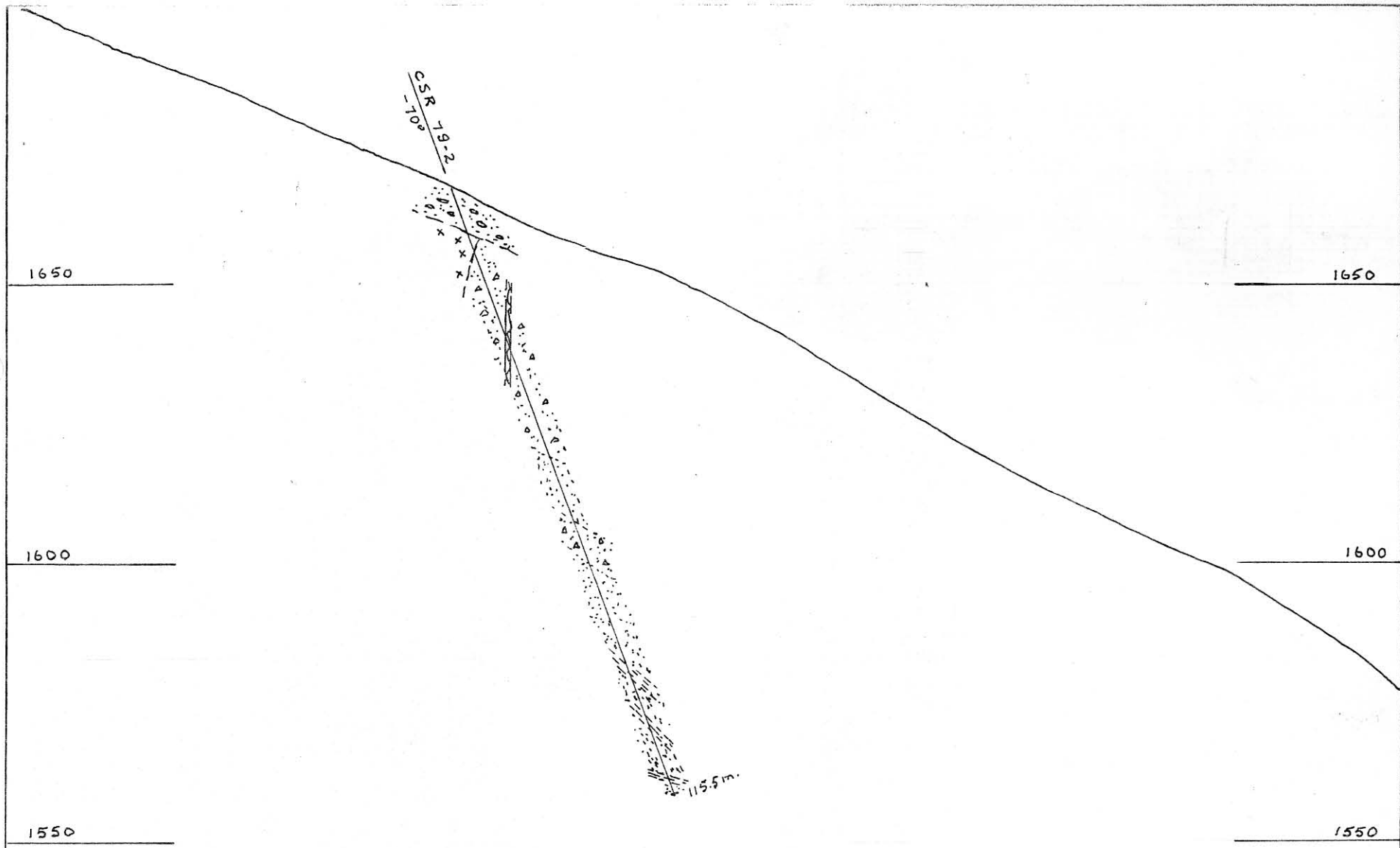
Inclination -70° Total Depth 115.5 metres

Logged by G.A. Noel

Depth Interval		CORE						Depth Interval		SLUDGE					
From	To	Sample No.	Inches Rec.	% Rec.	ASSAY		From	To	Sample No.	Lbs. Rec.	% Rec.	ASSAY			
					Au	Ag									
8.8	11.3	040			.034	.027									
11.3	14.0	041			.078										
14.0	17.0	042			.022										
17.0	20.0	043			.012										
20.0	23.0	044			.040										
23.0	24.5	045			.094	.05									
24.5	26.0	046			.014	.05									
26.0	27.5	047			.010										
27.5	28.3	048			.008										
28.3	30.0	049			.030										
30.0	31.5	050			.004	Tr.									
31.5	34.5	051			.026										
34.5	36.9	052			.028										
36.9	38.4	053			.038	.05									
38.4	39.8	054			.096										
39.8	40.8	055			.022	Tr.									
40.8	43.8	056			.010										
43.8	46.5	057			.012	.10									
46.5	46.8	058			.046	.96									
46.8	50.0	059			.024										
50.0	53.0	060			.038	.28									

0.042 oz/ton Au
15.7 m (8.8 - 24.5)

0.032 oz/ton Au
24.5 m (31.5 - 56.0)



LEGEND

-  Monzonite
-  Mainly Tuff Breccia
-  Mainly Tuffs
-  Tuff bedding
-  Fault

(Section looking North.)

Hor. & Vert. Scale: 1:1000

Oct. 22, 1979.

Vertical Section
 DDH CSR 79-2
 RED DOG CLAIMS
 NUTTLUDE LAKE, B.C.
 LIARD M.D.

DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SECTION	ALTERATION			FRACTURING	MINERAL	GEOLOGY	COMMENTS: Scale: 1:200 metric.	AVE. CORE REC'Y/HOLE: 84.4%
				Epichlorite							
30			30								
30.8	80		31								
31.7	90		32								
32.3	80		33								
32.9	115		34								
33.5	80		35								
34.4	110		36								
35.4	100		37								
36.0	100		38								
37.2	90		39								
38.4	90		40								
39.6	105		41								
40.8	100		42								
41.6	92		43								
42.4	92		44								
43.6	50		45								
44.5	107		46								
45.7	100		47								
46.5	100		48								
48.0	100		49								
50.3	98		50								
52.4	94		51								
53.4	97		52								
54.9	96		53								
56.1	110		54								
58.8	105		55								
59.7	93		56								
			57								
			58								
			59								
			60								
			61								
			62								

COMMENTS: Scale: 1:200 metric.

AVE. CORE REC'Y/HOLE:
84.4%

1.5-35.3: Dacite tuff-breccia: See page 1 for description.

thin qtz & py sms; Est. 2% sulphides.

thin qtz sms w. py, arsenopy.

35.3-38.4: Rhyolite tuff: grey to buff, fairly hard; brown coloration (at 0?) in patches & bands; Est. 5% sulphides

3mm calcite w. py tuff banding.

py, arsen. sms; Est. 5% sulph.

Calcite, py sms & shearing.

38.4-47.8: Dacite tuff-bx: grey-green, moderately hard; mottled with brown, grey & green banding; chloritic & talcose in places; Est 3-5% sulphides, mainly pyrite

Est. 25% sulph.

qtz-py sms; arsenopy; Est 5% sulph.

tuff banding.

qtz-py sms; est. 5% sulph.

1-5mm. qtz-py-cpy sms; est 3% sulph.

py tuff banding; qtz sms w. py.

shearing - talcose.

silicic bands; py; est. 2% sulph.

1-5mm. qtz-calcite sms w py; est. 5% sulph.

qtz & py sms (1-10 mm) Est. 5% sulph

qtz sms (1-3mm) w. py, arsenopy.

calcite w. py^(*) Est 15% sulph.

py, cpy-thin sms.

tuff banding.

qtz sms. w. py

47.8-94.8: Rhyolite tuff: grey & buff, moderately hard; notable color banding; pyrite with a little arsenopy and chalcopyrite as sms & dissem.; Est 5-10% sulph.

py, arsenopy, cpy.

5mm. qtz; dissem. py, ars.

color banding (tuff)

py, cpy(=) in bands; est. 10% sulph.

1cm. calcite

1-5mm. qtz-py sms.

calcite bx; py.

5mm. qtz-calcite sm. w. py, arsenopy, & sphal.

5mm qtz-calcite sms; py & ZnS.; Est. 2% sulph.

tuff banding @ 60°

thin qtz, calcite; py sms; little arsenopy.

5mm calcite w. py, sphal.

qtz w. py; est. 1% sulph

tuff banding

3cm. calcite w. py, little arsenopy.

5-15mm calcite w. py^(*)

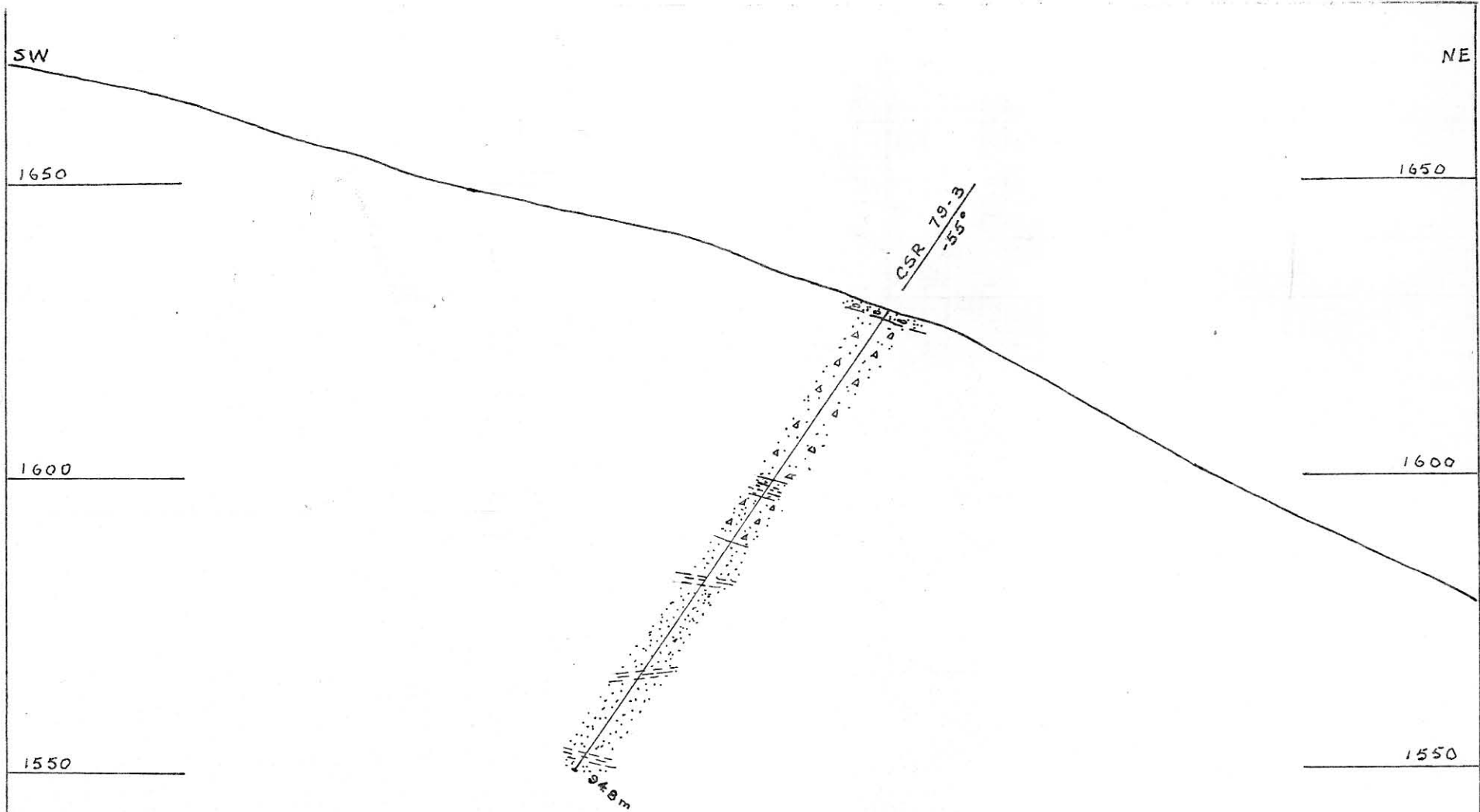
calc bx w. py, arsenopy. - Est. 10% sulph.

qtz w. py, arsenopy

bx bands @ 70°

DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SECTION	ALTERATION			FRACTURING	MINERAL	GEOLOGY	COMMENTS: Scale: 1:200 (metric)	AVE. CORE REC'Y/HOLE: 84.4%
				Epidote							
63			63							47.8 - 94.8: <u>Rhyolite tuff</u> : see page 2 for description.	
	100		64				py		thin py sms 6 cm. calc. bx. 3mm. calc. w. py. 3-5mm. calc. sms w. py.		
65.8			65						talcose shears; calc. bx. (1cm.) 2cm. py, arsenopy, cpy		
	97		66				py		7cm. qtz-calc. bx w. py talcose shearing.		
68.0			67						7mm. qtz sm. w. py. 5mm. sm. py.		
	95		68						3-5mm. qtz-calc. sms. w. py.		
69.2			69				py		thin py. sms.		
	92		70						py sms - Est. 3% sulph.		
71.9			71				py		2cm. calc. sm.		
	103		72				ars		thin py, arsenopy. sms. 1mm. qtz sm. w. galena.		
74.0			73				py		py in sms & dissemin - Est 3% sulph. color banding (tuffs)		
	78		74						thin py sms. fine tuff banding.		
75.7			75						5mm. qtz. w. py.		
	80		76				py		tuff banding		
76.2			77						thin sms. py. tuff banding		
78.0			78				py		9mm. qtz sm. w. py		
	88		79				ars		tuff banding.		
79.2			80						thin sms py, arsenopy; Est. 3% sulph. banding		
80.5			81				py		2-3mm. sms py, arsenopy.		
	98		82				ars		tuff bands		
81.7			83						Fault-talc gouge		
	72		84				py		5mm. qtz w. py, arsenopy.		
82.9			85						tuff banding		
	85		86				py		1cm. calc. sm w. py		
85.5			87						1-5mm. qtz, py sms; Est. 2-3% sulph.		
	92		88				ars		sili. bx. w. py. calc. bx		
87.2			89						1-5mm. qtz-calc. py sms.		
	107		90				py		Fault - yellow clay gouge.		
87.2			91						chert & jasper sms.		
81.8			92						gy mud gouge.		
83.8			93						calcite-py. sms.		
	43		94						2cm. calc. sm. w. py-hematite; Est 25% sulph. py. bands; Est. 5-10% sulph. ch. bands		
88.8			94.8						dikelet diorite		
89.6											
90.1											
	16										
90.1											
	94										
91.1											
	74										
91.7											
	20										
93.3											
	46										
94.8											
	96										

94.8 m. END OF HOLE



LEGEND

- x x x x Monzonite
- △ △ △ △ Mainly Tuff-Breccia
- Mainly Tuffs
- Tuff bedding
- Fault

(Section looking Northwest)

Hor. & Vert. Scale: 1:1000

Oct. 22, 1979.

Vertical Section
 DDH CSR 79-3
 RED DOG CLAIMS
 NUTTLUDE LAKE, B.C.
 LIARD M.D.

DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SECTION	ALTERATION		FRACTURING	MINERAL	GEOLOGY	COMMENTS: <u>Scale: 1:200 (metric)</u> <u>Core v'y broken: 9.4-19.8 & 30.8-39.6</u>	AVE. CORE REC'Y/HOLE: <u>53.7%</u>
				Epidote	Argillic					
30			30							
30.5	108									
31.7	62		31							
32.6	50		32							
33.8	28		33				py			
34.4	15		34							
35.4	43		35							
36.6	42		36				py			
37.3	38		37				sph			
38.1	28		38							
38.7	15		39				py			
39.6	33		39.6							

BQ

23.5-31.7: Monzonite; see page 1 for description.

31.7-33.8: Dacite Tuff; black to buff; hard; dissem. py. Est 5-10% sulphides (mainly pyrite)

33.8-37.3: Monzonite; m. gr.; buff to grey; slightly magnetic; moderately hard; severely weathered; argillic alt. Estimate 3% sulphides (pyrite)

37.3-39.6: Rhyolite tuff; grey; hard; consid. py. in zone & dissem. Estimate 10% sulphides (mainly pyrite)

39.6 m. - End of Hole

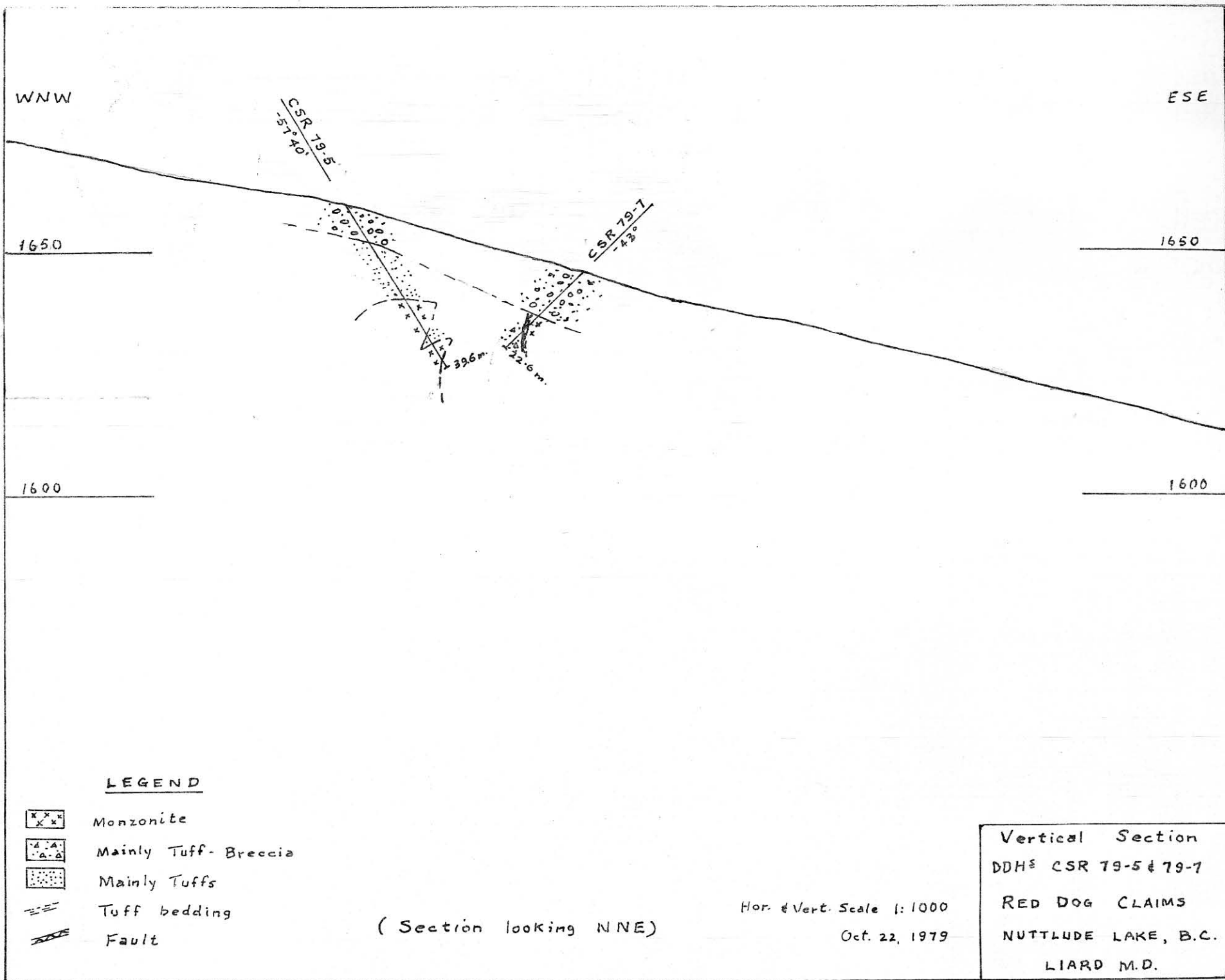
Hole stopped due severe caving 33-39.6 metres.

shearing calcite - monzon. bx.

1-5mm. qtz - py sms @ 20°

thin py sms

5mm. calc. sm. w. py + bl. sphal.
fine, argillaceous
Fault zone. mud gouge
thin calcite - py sms



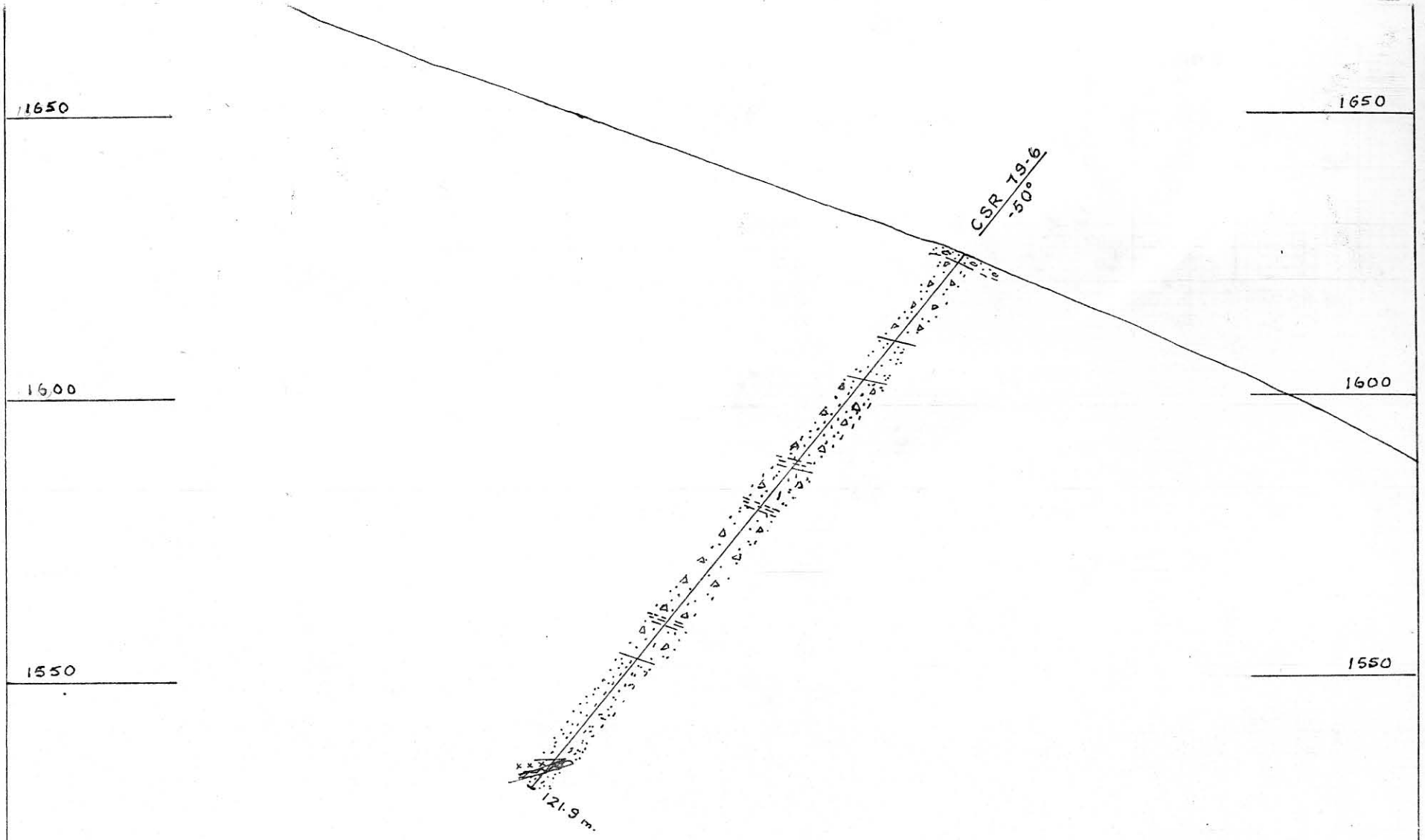
Project Consol. Silver Ridge Mines Location Red Dog Property, Nutelude Lk., B.C. Contractor DJ Drilling Co. Ltd.
 Hole No. CSR 79-6 Page No. 1 of 4 Date Started August 13, 1979
 Coordinates: 9644.2 N 9865.0 E Date Finished August 24, 1979
 Collar elev. 1625 m. (5330') Bearing due W. Ref. to Claim Corner _____
 Inclination -50° Total Depth 121.9 m. Logged by G.A. Noel

DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SECTION	ALTERATION		FRACTURING	MINERAL	GEOLOGY	COMMENTS:	AVE. CORE REC'Y/HOLE:
				Epidoite						
0	0								Scale: 1:200 (metric)	99.3%
0-1.8									0-1.8: <u>Overburden</u>	
1.8-4.0	65						py		chlor. shears py sms & dissem; Est 3% sulph.	1.8-19.2: <u>Dacitic tuff & tuff-breccia</u> : grey, greenish-grey & brown; moderately hard; blotchy brown all'n (biotite?); disseminated pyrite
4.0-4.7	80								FeOx alg fract.	
4.7-5.2	100								3mm. calcite w. py ¹	
5.2-6.1	93						py		2cm. qtz sm w. py.	
6.1-7.2	97								chlor. shears.	
7.2-7.9	116								FeOx alg fract.	
7.9-8.5	100						ars		dissem. py; little FeAsS.	
8.5-9.8	100								thin py sms.	
9.8-11.0	75									
11.0-11.6	130						py		3mm. calc. sm w. py, arsenopy	
11.6-12.2	110								chlor. fract.	
12.2-13.4	88								thin calc., py sms; Est 3% sulph.	
13.4-14.3	83								sheared.	
14.3-14.9	80						py		br. biot. alt ⁿ .	
14.9-15.8	87									
15.8-16.8	117								v.g. in thin qtz sm. @ 40' to core.	
16.8-18.0	78						Au			
18.0-19.2	80						ars py		thin py, qtz sms; little FeAsS.	
19.2-19.8	120									
19.8-21.5	91						Au		FeOx alg fract.	19.2-28.2: <u>Rhyolite tuff</u> : grey, white & pinkish-brown; hard; mottled coloring in places; little v.g. @ 20' & 20.7 m & 24.3 m.
21.5-22									v.g. w. py	
22-23							py ars		thin qtz, py sms; dissem py.; Est 2-3% sulph.	
23-23.6	94								v.g. w. fine arsenopy.	
23.6-24.7	106								fine qtz, calc sms w. py, little arsenopy.; Est 3-5% sulph.	
24.7-26.2	88								qtz-calc-py sms; dissem. py, arsenopy	
26.2-27.7	106								5mm qtz sm w. v.g. in 3 places.	
27.7-29.3	94								calcite-chlorite w. py. alg fault.	
29.3-30	75						ars py CPY		3cm. calc. bx - py.	
									28.2-92.0: <u>Rhyodacite tuff-breccia</u> : grey and brown mottled; biotite alteration. breccia clasts to 3 cms. but mainly	






DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SECTION	ALTERATION		FRACTURING	MINERAL	GEOLOGY	COMMENTS:	AVE. CORE REC'Y/HOLE:
				Epilote.						
30			30						Scale: 1:200 (metric)	99.3%
30.5	75		31					calc-chlor. frags		
31.5	86		32			py		num. calc. sms w. py; dissem. py.		
			33					little fine arsenopy.		
	83		34					calc. sms w. py		
33.5			35					chlor. shears.		
	94		36			ars		thin py, arsenopy sms		
35.1			37			py		1cm calc. bx w. py, arsenopy		
			38					thin py, arsenopy sms.		
	91		39					2cm. calc. sm. w. fluorite.		
38.4			40			py		qtz sms w. py, arsenopy, sphalerite		
	162		41			ars		1cm. calc. un.; py		
40.1			42					thin qtz, py sms; dissem py Est 5% sulph.		
	102		43					3mm. calc. sm. w. green fluorite.		
41.5			44					thin qtz, py, arsenopy. sms		
	78		45					calc. qtz-py sms; est. 3% sulph.		
44.5			46			py		red & yellow carbon. sm. (Zn?)		
	95		47			ars		1cm. calc. py		
47.5			48					16cm. rhy.-calcite bx		
	105		49			py		1cm. massive py, cpy		
50.6			50					thin py sms; dissem. py - Est 5% sulph.		
			51			py		color banding		
	102		52			cpy		talcose fractures		
53.6			53					color banding		
			54			ars		1cm py w. cpy; Est. 5-10% sulph.		
	110		55			py		2cm calc sm. w. py.		
56.7			56					color banding (tufts)		
	88		57			ars		1cm sm. py, cpy, arsenopy.; Est 5% sulph. (0.2% Cu)		
58.8			58			py		bands py, arseno. - 10% sulphides		
			59					3cm. calcite sm w. py.		
	100		60					calcite-rhy. bx w. py 10% sulph.		
61.4			61			py		tuff banding.		
	107		62					num. py-epy sms - Est. 10% sulph - 0.3% Cu		
								calc-dac. bx; py, arsenopy, cpy: Est 25% sulph.		
								thin sms py, cpy, arsenopy - Est. 5% sulph.		
								tuff banding		
								talcose fract's.		
								thin sms calc. & py; Est. 5% sulph.		
								1cm. calc. w. py		
								tuff banding		
								calc. sms. w. fluorite		

DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SECTION	ALTERATION			FRACTURING	MINERAL	GEOLOGY	COMMENTS:	AVE. CORE REC'Y/HOLE:
				Epidote							
63			63							Scale: 1:200 (metric)	99.3%
64.6	105		64				py	15mm calc. w. purple fluorite.			
			65					thin py sms; Est. 3-5% sulph.	28.2 - 92.0: <u>Rhyodacite tuff-breccia</u> : see pages 1+2 for descrip.		
	102		66								
67.1			67					tuff banding			
	96		68				py	thin py sms.			
			69								
70.1			70				cpy	thin py sms; little cpy; est. 3% sulph.			
	108		71					5cm calc. bx. w. py, cpy			
			72				py	thin sms py; Est. 5% sulph.			
73.1			73				ars	bx clasts - bedding.			
	100		74				py	talcose fr.			
76.1			75					5cm calc.			
	100		76				py	thin py, qtz sms; est. 3% sulph.			
79.9			77					tuff banding			
	99		78				py	dissem. py; Est 10% sulph.			
			79								
82.9			80				cpy	qtz-py sms; dissem. py; est. 10% sulphides.			
	95		81				py	thin sms py, cpy; est 5% sulph.			
			82					1cm. calcite			
85.9			83					tuff bands			
	100		84				py	2cm sms calcite w. py ⁽⁻⁾			
87.1			85					tuff-bx bands.			
	87		86				py	2cm calcite w. purple fluorite; py ⁽⁻⁾ .			
89.3			87					thin py sms; est 5% sulph.			
	95.5		88				py	bedding.			
			89				ars				
92.6			90					tuff banding			
	99		91				py, ars	thin qtz sms w. py, arsenopy.			
			92								
95.1			93				ars	thin qtz-calc. sms w. py, arsenopy	92 - 115.1: <u>Rhyolite tuff</u> : buff to brown; band; mottled in places.		
			94					tuff banding			
			95				py	tuff bands.			

DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SECTION	ALTERATION			FRACTURING	MINERAL	GEOLOGY	COMMENTS:	AVE. CORE REC'Y/HOLE:
				Epidote							
										Scale: 1:200 (metric)	99.3%
96			96							thin py sms.; Est 5% sulph.	
97.2	76		97							92 - 115.1: <u>Rhyolite tuff</u> : see page 3 for description.	
	111		98							fine tuff banding; thin qtz sms w. py ^{cl}	
			99							12cm. cse vuggy calcite	
99.4			100							1cm calc. bx	
	97		101							1cm. calc. w. py ^{cl} ; dissem. FeAsS.	
			102							2cm. - alg core.	
102.4			103							calc. rhy. bx	
	106		104							py sms & dissem; est. 5% sulph.	
103.9			105							bx banding	
			106							1cm. calcite	
	99		107							1cm. calcite	
107			108							calc. py sms; dissem. py. Est 3% sulph.	
			109							thin py sms; Est 2-3% sulph.	
	98		110							tuff banding	
			111							ars. cpy	
110			112							1cm. calcite w. py, FeAsS, cpy. (good sulph.)	
			113							2cm. calc.	
	93		114							thin py, arsenopy sms & dissem. py.; Est. 3% sulph.	
			115							4cm calc. bx w. py.	
113.2			116							calc. rhy. bx; py ^{cl} Est. 5% sulph.	
			117							talc. chlor. gouge; consid. py; est. 10% sulph.	
	96		118							tuff bands; py. bands; est. 5-10% sulph.	
			119							ankeritic	
116.3			120							dissem. py, arsenopy.; est. 5% sulph.	
117	100		121							mafic & felsic bands	
			121.9							chlor. shears.	
										115.1-116.4: <u>Monzonite</u> : fine to med. gr.; grey; altered mafics (biotite); dissem. py, arsenopy.; est. 3% sulph.	
	95									116.4-121.9: <u>Rhyolite tuff</u> : hard; grey, buff & tan; dissem. py., little arsenopyr.ite	
120.2										dissem. py, arsenopy; est. 3% sulph.	
	92									monzonite	
121.9										granitized rhy. tuff	
										121.9 m. <u>END OF HOLE</u>	



LEGEND

-  Monzonite
-  Mainly Tuff-Breccia
-  Mainly Tuffs
-  Tuff bedding
-  Fault

(Section looking North.)

Hor. & Vert. Scale 1:1000
Oct. 22, 1979.

Vertical Section
DDH CSR 79-6
RED DOG CLAIMS
NUTLUDE LAKE, B.C.
LIARD M.D.

Project Consol. Silver Ridge Mines Location Red Dog Property, Nuttlude Lake, B.C. Contractor D.J. Drilling Co. Ltd.
 Hole No. CSR 79-8 Page No. 1 of 4 Date Started Sept. 1, 1979
 Coordinates: 9698.0 N 9679.6 E Date Finished Sept. 18, 1979
 Collar elev. 1640 m. (5390') Bearing S85°E Ref. to Claim Corner _____
 Inclination -48°50' Total Depth 123.4 m. Logged by G.A. Noel

DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SECTION	ALTERATION			FRACTURING	MINERAL	GEOLOGY	COMMENTS:	AVE. CORE REC'Y/HOLE:
				Epidote							
0			0							Scale: 1:200 (metric)	81.2%
			1								
			2								
			3								
			4								
			5								
			6								
			7								
			8								
			9								
			10								
			11								
			12								
			13								
			14								
			15								
			16								
			17								
17.7			18							0-17.7: <u>Overburden</u>	
18.3	100		19								
19.5	64		20								
20.7	65		21								
21.6	90		22								
22.6	43		23								
23.8	28		24								
24.4	80		25								
25.0	100		26								
26.2	22		27								
27.1	70		28								
28.0	30		29								
28.6	45		30								
29.6	70										

17.7-22.9: Dacite tuff: grey, black & tan; well fractured; consid. disseminated pyrite.
 22.9-25.0: Quartz monzonite: med. grained, grey; heavily leached; disseminated pyrite; Est. 3-5% sulphides.
 25.0-33.5: Dacite tuff-breccia; grey to black; talcose & chloritic fractures; numerous thin qtz & calcite seams with pyrite.

DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SECTION	ALTERATION			FRACTURING	MINERAL	GEOLOGY	COMMENTS:	AVE. CORE REC'Y/HOLE:
				Epidoite							
30			30							Scale: 1:200 (metric)	81.2%
30.6	69		31						25.0 - 33.5: <u>Dacite tuff-breccia</u> : see description on page 1.		
31.5	110		32				py		shearing - chloritic thin qtz-py. sms. dissem. py - Est. 3-5% sulph. clay & mud gouge.		
32.3	108		33								
33.5	50		34								
35.1	54		35				py		thin qtz-calc.-py. sms. & dissem. py.; Est. 3-5% sulph.	33.5 - 39.8: <u>Rhyodacite tuff-breccia</u> : grey, tan & black; talcose fractures, disseminated pyrite; Est. 3-5% sulphides.	
36.6	70		36				ZnS PbS py		2 cm. calc. vn. w. sph. & PbS -br. resinous ZnS in concent. whorls. (20% sulph)		
37.2	110		37						2-10 mm. qtz sms		
37.8	15		38						thin qtz sms. w. py.		
39.0	75		39						little hematite; spotty biotite.		
40.0	160		40								
40.8	83		41				py cpy		2-10 mm. qtz sms; dissem. py, cpy.	39.8 - 50.6: <u>Quartz monzonite</u> ; med. to fine grained; pinkish brown to grey; consid. biotite; sl. magnetic in places; fairly hard.	
41.8	93		42				py		shearing.		
43.4	98		43				py		qtz sms; dissem. py. Est. 2% sulph.		
44.6	110		44				cpy		sheared; finely dissem. py, cpy CuOx, FeOx alg shears & fract.		
45.4	64		45				cpy		6 cm. calcite vn.; little py. qtz sms w. py, little molyb.		
46.3	100		46				Mo				
47.8	88		47								
48.6	88		48				py		thin qtz sms. w. py; Est. 2% sulph. hematite alt		
49.4	96		49								
50	85		50				py		finely dissem. py - Est. 3% sulph.		
50.7	72		51								
51.7	100		52						FeOx alg fract. qtz sms & thin py sms - Est. 5% sulph.	50.6 - 51.9: <u>Rhyodacite tuff</u> : gy. to bl.; hard; well fractured; dissem. py.	
52.3	80		53								
54.2	83		54								
55.5	90		55				py		thin py. sms. & dissem. py.		
56.8	82		56						hematitic fg. monz. dikelets. thin py. sms - Est. 5% sulph.		
57.9	54		57								
59.1	85		58				py. ars.		thin sms py; dissem. py, arsenopy.	57.9 - 61.0: <u>Quartz monzonite</u> ; fine gr.; pinkish brown; hematitic; sl. magnetic in places; estimate 5% sulphides.	
60.0	63		59				py. ars.		thin qtz & py sms; dissem. py, ars.		
60.6	100		60						Possible v.g. in thin platelets below surf. of core (@ 58.7 & 60.6 m. LT)		
62.2	80		61				py		1-5mm. qtz-calc.-py sms; also biotite discs - Est. 2% sulph.	61.0 - 64.3: <u>Dacite tuff</u> ; grey & grey-green; chloritic; fairly hard; disseminated pyrite; numerous thin qtz & calcite seams	

DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SECTION	ALTERATION		FRACTURING	MINERAL	GEOLOGY	COMMENTS:	AVE. CORE REC'Y/HOLE:
				Epizone						
									Scale: 1:200 (metric)	81.2%
63			63						61.0-64.3: <u>Dacite tuff</u> : see description on page 2.	
63.7	100		64				py		thin py sms; dissem. py. Shearing - gouge	
64.6	50		65				ars		little FeOx, CuOx alg fractures.	
66.1	84		66				py		1cm. calc. sms w. py, arsenopy, hematite tuff banding @ 50 Est 5-10% sulph.	64.3-104.2: <u>Rhyodacite tuff-breccia</u> : grey-green, brown, tan & black; mottled & banded; hard; wispy clasts;
67	107		67				ars		tuff banding @ 50 FeOx alg fract. Est. 5-10% sulph.	
68.3	40		68				py		Fault gouge. Est. 10% sulphides.	
70.1	83		69				py		tuff banding	
71.6	100		70				py		thin qtz & py sms - Est. 10% sulph. hematite alt?	
72.5	100		71				py		py & qtz sms Est. 5-10% sulph.	
73.2	95		72				py		2-10mm. qtz-calc-py sms; Est. 10% sulph.	
74.1	17		73						chlor. & hematized fract.	
75.3	62		74						thin qtz & py sms; Est. 5-10% sulph.	
76.7	100		75				py		chlor. & hemat. fract.	
77.4	80		76						thin qtz & py sms; finely dissem. py; Est 5% sulph.	
78.9	80		77				py		hematitic fractures.	
80.2	85		78				py		thin py sms; Est. 5-10% sulph.	
81.4	68		79						chlor. & hem. fract.	
82.3	83		80				py		thin qtz, calc & py sms; Est 5% sulph.	
82.9	100		81				py		talcose & chlor. fractures.	
83.8	70		82						breccia fragments show banding 5mm qtz sm. w. py-1	
84.7	80		83				py		Est. 3-5% sulphides.	
85.6	113		84						shearing - gouge.	
86.2	70		85						1cm. calc. sm	
86.9	75		86				py		1cm. qtz w. py	
87.8	130		87						thin qtz & py sms; est. 5% sulph.	
89.2	100		88						cherty tuff bands	
91.0	87		89				py		1cm. calc. w. py	
92.5	106		90						hematitic shear.	
93.6	75		91						num. thin qtz, py sms; Est. 5% sulph.	
94.8	84		92				py		num. thin qtz & py sms; finely dissem. py.	
95	87		93						talc. shear.	
			94						20cm gouge	
			95						20cm calc. sms. w. py.	
									2-3 mm. qtz-py-hematite sms.	

DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SECTION	ALTERATION			FRACTURING	MINERAL	GEOLOGY	COMMENTS:	AVE. CORE REC'Y/HOLE:
				Epidote							
96			96								
97.1	98		97								
98.1	100		98								
99.1	73		99								
100	90		100								
100.6	70		100.6								
101.5	67		101.5								
102	63		102								
103	113		103								
103.6	75		103.6								
104.8	88		104.8								
105			105								
106.4	86		106.4								
107			107								
107.9	72		107.9								
108.5	100		108.5								
109.3	76		109.3								
109.5			109.5								
110.3	106		110.3								
111.4	77		111.4								
112			112								
112.8	82		112.8								
113.7	83		113.7								
114			114								
115.2	96		115.2								
116.4	82		116.4								
117.5	86		117.5								
118			118								
118.9	80		118.9								
120.4	98		120.4								
121			121								
121.9	64		121.9								
122.7	16		122.7								
123.4	48		123.4								

Scale: 1:200 (metric)

AVE. CORE REC'Y/HOLE:
81.2%

64.3-104.2: Rhyodacite tuff-breccia: see page 3 for description.

rhy. tuff; est. 5% sulph.
2mm. qtz-py sms; dissem. py
2cm. qtz-calc. sms w. py
thin qtz & py sms; Est. 3-5% sulph.
talcoose & hematitic fract.
spotty amygdaloidal py.; est. 3-5% sulph.

104.2-109.7: Rhyolite tuff; pale greenish gray; hard; consid. disseminated pyrite; fine biotite alt^o in places.

thin qtz & py sms; est. 5% sulph.
qtz-calc. vrn. py. & MnOx; est. 40% metallic
1-10mm. qtz-calc sms w. py, MnOx, hematite
fine biotite alg qtz veinlets; Est. 5% sulph.
talc-chlor. gouge
fine biotite altⁿ.
fault gouge
carbonate bx @ contact.
gouge.

109.7-111.6: Quartz monzonite; pink & white; v. heavily sheared & leached; dissem. pyrite; estimate 3% sulphides.

111.6-114.4: Dacite tuff & tuff-breccia; grey to black; heavily sheared;

talc & chlor. gouge
qtz, calc, py sms; dissem. py.
Est. 5% sulph.

114.4-117.6: Quartz monzonite; med. gr.; pink & white; fairly hard; dissem. py; est. 3% sulphides.

117.6-123.4: Dacite tuff-breccia; greenish grey; sheared & talcoose; dissem. pyrite; est. 3-5% sulphides.

2 cm. f.g. syenite
1-5mm. qtz sms w. py; dissem. py, hematite.
talc-chlor. gouge.

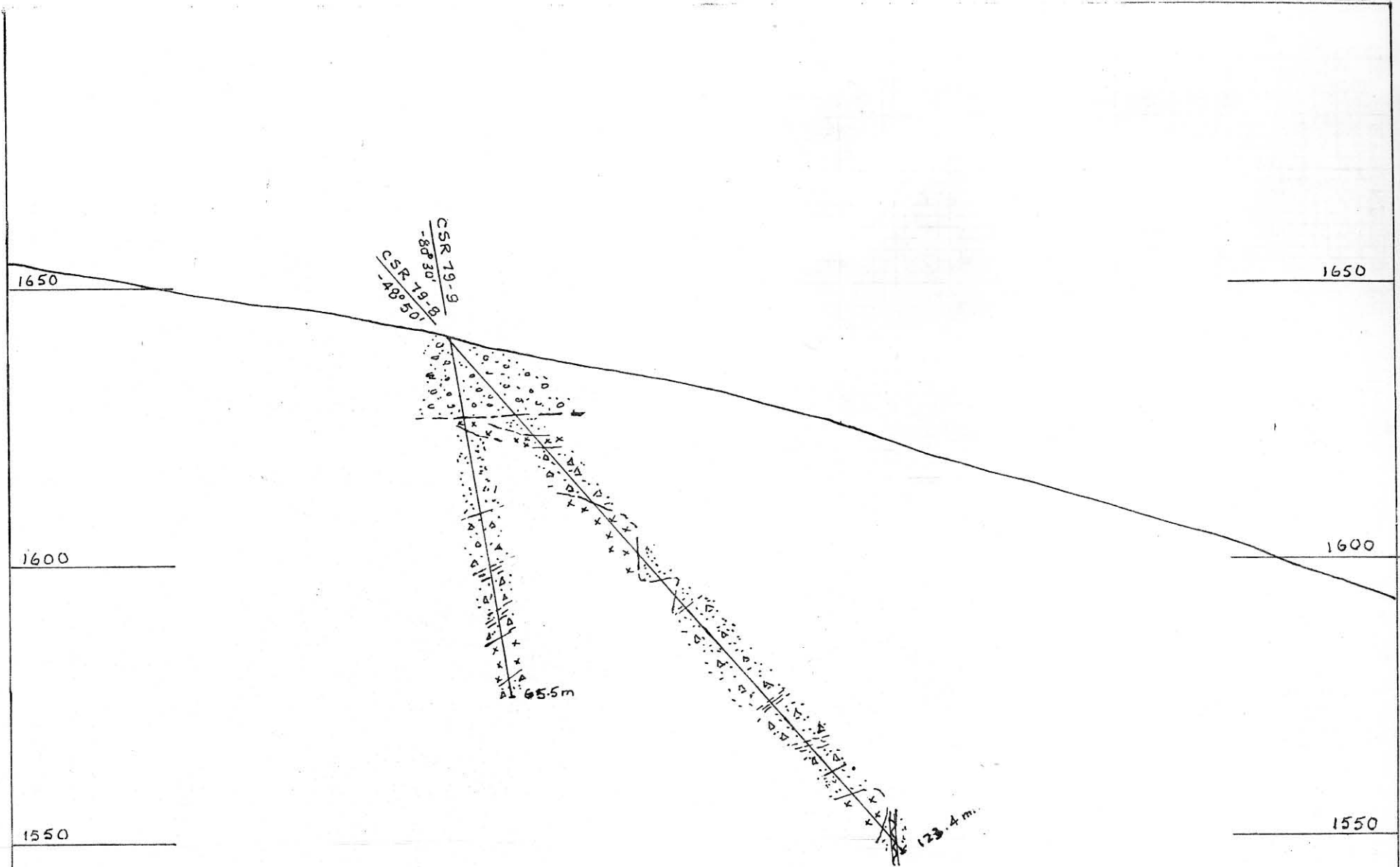
123.4 m: END OF HOLE
[Hole stopped due caving 120.5-122.5 m.]

Project Consol. Silver Kidge Mines Location Red Dog Property, NUCCINDA LAKE, N.W.
 Hole No. CSR 79-9 Page No. 1 of 3
 Coordinates: 9698.1 N 9679.3 E
 Collar elev. 1640 m. (5390') Bearing S85°E
 Inclination -80°30' Total Depth 65.5 m.



Contractor V.J. ...
 Date Started Sept. 18, 1979
 Date Finished Sept. 25, 1979
 Ref. to Claim Corner _____
 Logged by G.A. Noel

DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SECTION	ALTERATION			FRACTURING	MINERAL	GEOLOGY	COMMENTS:	AVE. CORE REC'Y/HOLE:
				Epidote							
0			0							Scale: 1:200 (metric)	68.7%
			1								
			2								
			3								
			4								
			5								
			6								
			7								
			8								
			9								
			10								
			11								
			12								
			13								
14.3			14								
	63		15				Py		calc. sms w. hematite shearing; 2cm. fault gouge. 14.3-16.3: <u>Monzonite</u> : pink; fine grained; hard; little k'blde; calcite wisps. calcose fracte.		
16.0	88		16								
17.2			17						wispy calcite sms.		
	63		18				Py		16.3-31.7: <u>Rhyodacite tuff</u> : tan, grey & black; pyrite dissem. & in thin sms, in places with qtz & calcite.		
18.9			19						2-3mm qtz-calc. sms w. py. Est. 5% sulphides. calcite-tuff bx		
19.8	40		20						calcite sms & wisps w. py.		
21.2	78		21						5mm. qtz sm. w. py.		
22.4	85		22				Py		dac. bx - strongly sheared. FeOx		
23.2	92		23								
24.4	75		24						3cm. dike-monzonite fault gouge		
25.1	88		25				Py		rhy. tuff; sheared; py sms; Est. 10% sulph. fault gouge.		
25.9	92		26						10cm. pink calcite w. py. 3cm. gouge.		
27.6	87		27								
	80		28				Py		1cm. pink calcite dissem fine py. - Est 5% sulph.		
29.0	70		29				Py		2cm. pink calc. w. py. Est 60% sulph. fault gouge		
29.9	100		30				ZnS		fault gouge		

DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SECTION	ALTERATION			FRACTURING	MINERAL	GEOLOGY	COMMENTS:	AVE. CORE REC'Y/HOLE:
				Epidote							
-30	100		30							Scale: 1:200 (metric)	68.7%
-30.8	87		31				ZnS PY		shearing; chlor. gouge. 6 cm. pink calc. v. w. py, bl. sph. qtz-calc. sms. w. py Est. 5% sulph.	16.3-31.7: <u>Rhyodacite tuff</u> : see page 1 for description.	
-31.7	88		32				PY		thin py sms; Est. 5% sulph.	31.7-54.2: <u>Rhyodacite tuff-breccia</u> : grey, green, brown & black; tuff banding @ 60°-70° to core; spotty epidote; talcose fractures; thin quartz & calcite sms w. pyrite; also dissem. py.; Est. 5% sulphides; diffuse fragment outlines.	
-32.5	64		33				PY		thin qtz sms w. py; Est. 3-5% sulph.		
-33.2	84		34				PY		3mm. qtz sms w. py.; Est. 5% "		
-34	30		35				PY				
-34.6	16		36								
-35.4	2		37				PY				
-37.2	13		38								
-38.1	10		39						gougey.		
39	5		40				ZnS		rhyolitic tuff - very siliceous. 5mm. sm. pink calcite w. qtz & sphal.		
40.2	20		41				PY		muddy gouge in grey rhyolite & dac. tuff. Est. 5% sulph.		
40.8	35		42						tuff banding @ 75°		
41.4	10		43				PY				
42.1	85		44				PY				
43.3	88		45						2-5 mm. qtz-calc. sms w. py. thin py. sms; Est. 5% sulph.		
44.8	110		46						qtz-calc. sms. w. py.		
45.4	82		47				PY		1cm. calc. sm. w. py. thin py. sms; Est. 3-5% sulph.		
46.6	48		48						Fault gouge.		
47.8	83		49						Num. onlc. sms 1-10mm. 1-10mm. py sms.; fine biotite along walls of some veinlets.		
48.8	87		50				PY		tuff banding dissem. py, arsenopy.		
50.6	100		51				PY				
52.1	92		52				ars.		1.5 cm. chlor-graph. gouge 2 cm. drusy calcite w. fluorite tuff banding @ 50°-60° bx clasts to 4 cm.		
53.3	110		53				ars.				
54.9	100		54				PY		2-5 mm. qtz-calc. sms w. py, FeAsS.	54.2-56.5: <u>Monzonite</u> : med. grained, grey; biotite-rich; leached margins.	
56.4	75		55						10 cm. qtz-calc. sm. w. py, arsenopy; also dissem. py., arsenopy.		
57.6	67		56				PY				
58.5	86		57				ars.		Fault gouge tuff banding Est. 5% sulph.	56.5-59.1: <u>Rhyodacite tuff-breccia</u> : grey to black; tuff banding @ 70°;	
59.5	100		58								
60.4	95		59				PY		7 cm. gouge 1 cm. felsite dike	59.1-61.6: <u>Monzonite</u> : med. gr., grey; talcose fractures; pyrite & little arsenopyrite in thin seams & dissem.; Est. 3-5% sulph.	
61.6	15		60				ars.				
62.2	5		61								
			62						qtz-calc. sms. w. py	61.6-65.5: <u>Rhyodacite tuff-breccia</u> : grey, green & black; spotty epidote	



LEGEND

-  Monzonite
-  Mainly Tuff-Breccia
-  Mainly Tuffs
-  Tuff bedding
-  Fault

(Section looking North.)

Hor. & Vert. Scales 1:1000

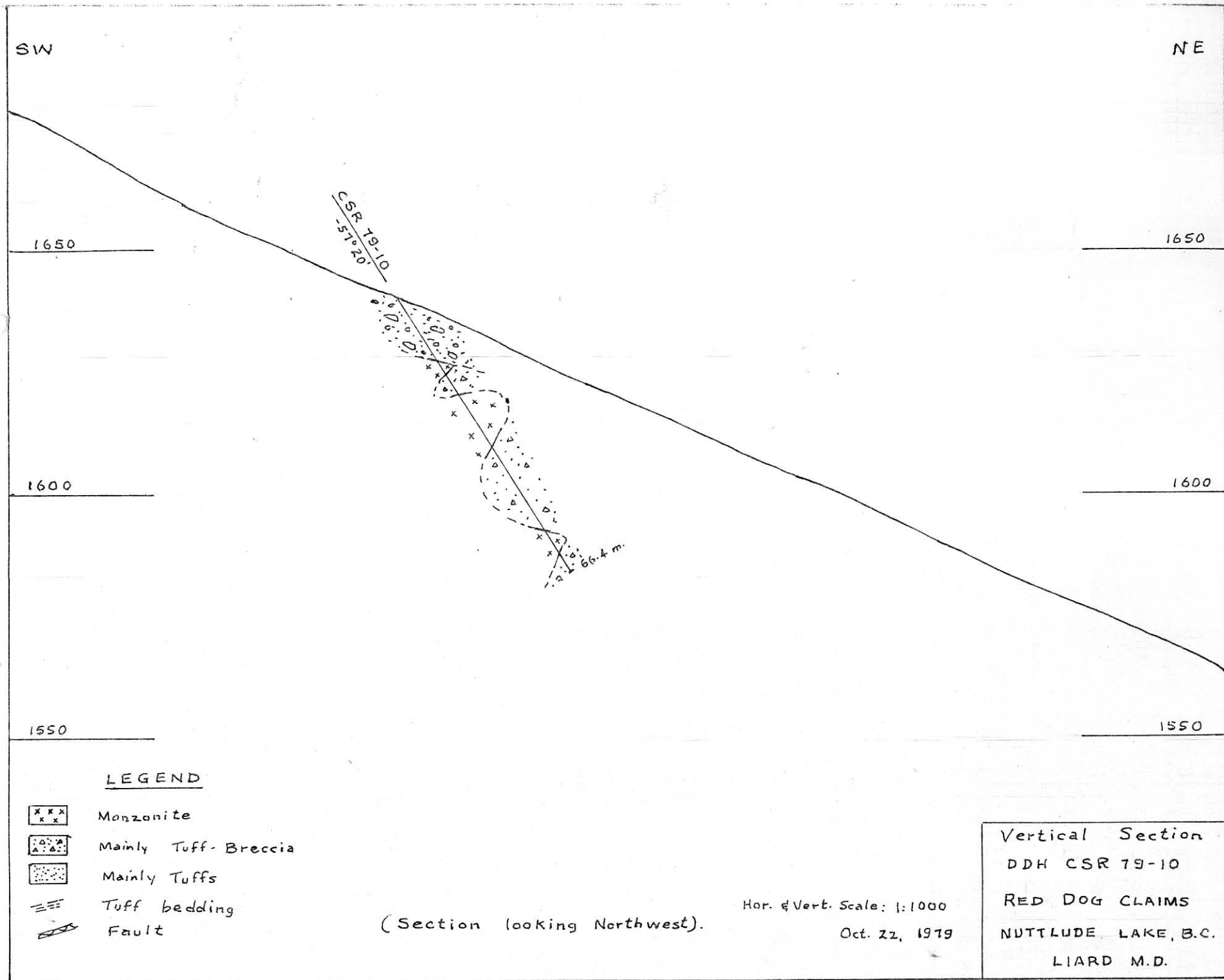
Oct. 22, 1979.

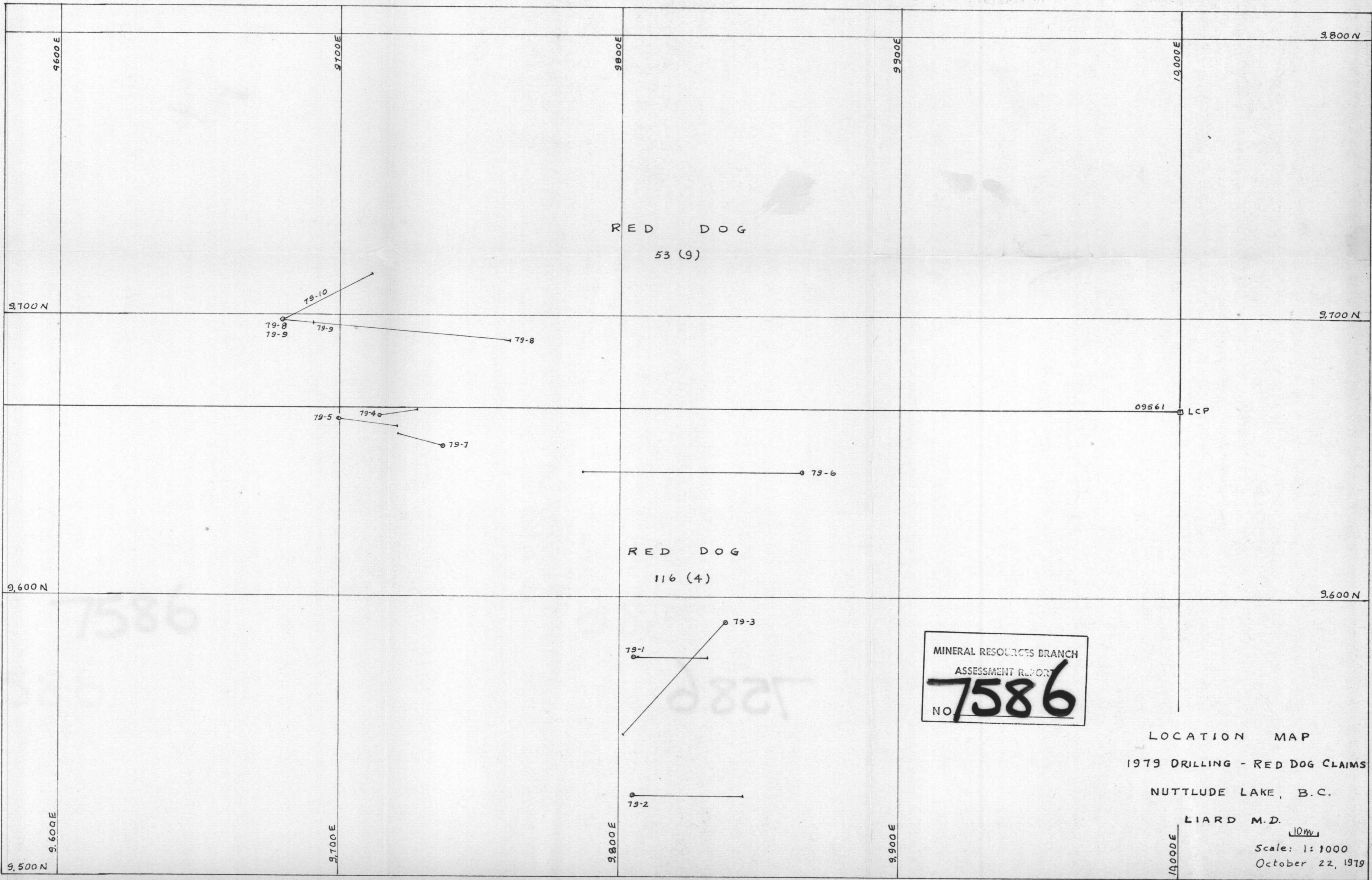
Vertical Section
 DDHs CSR 19-8, 19-9
 RED DOG CLAIMS
 NUTTLUDE LAKE, B.C.
 LIARD M.D.

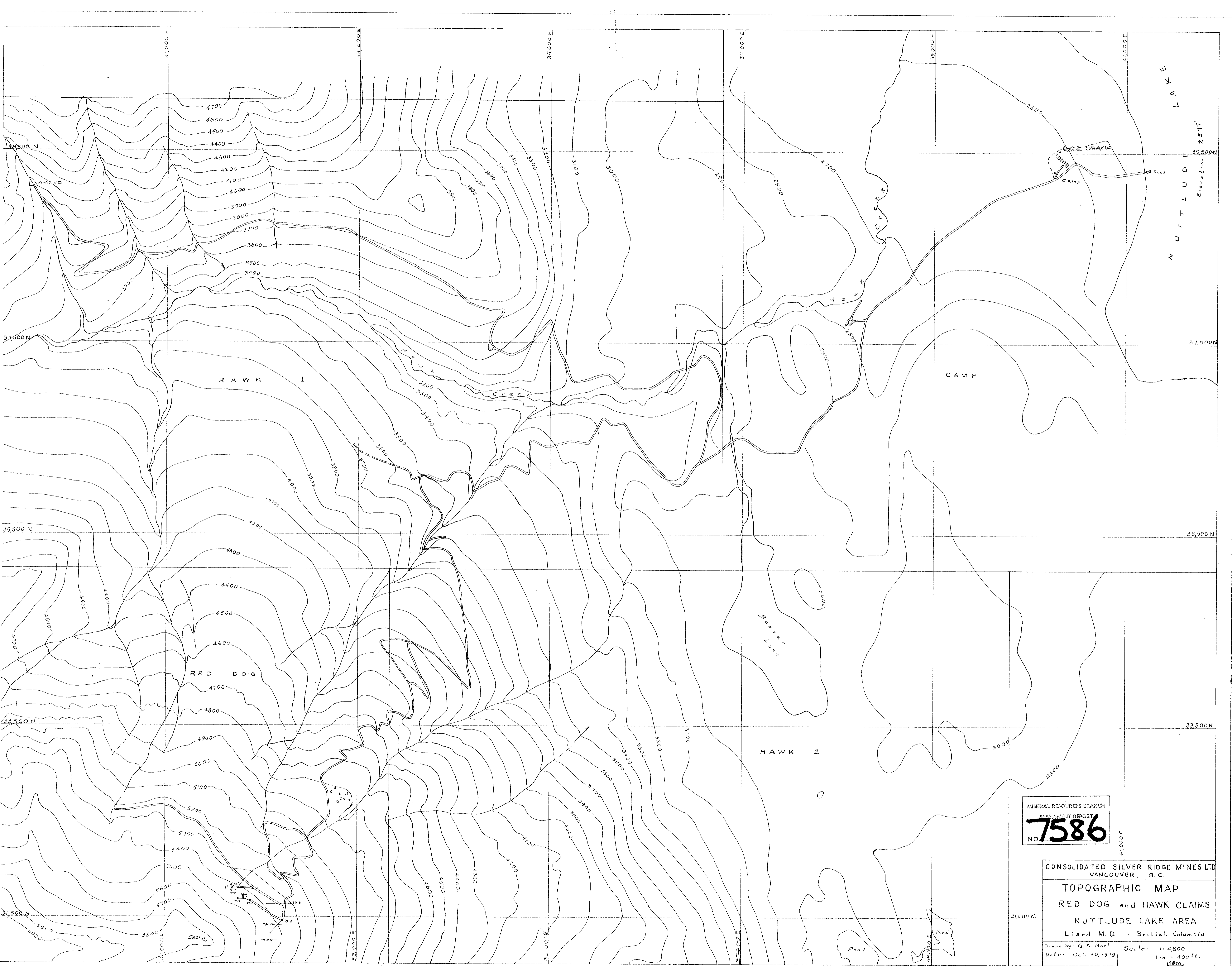
Project Cenzal Silver Ridge Mines Location Ked Dog Property, Nuttlude Lake, D.C Contractor D. W. Mining Co. Inc.
 Hole No. CSR 79-10 Page No. 1 of 3 Date Started Sept. 25, 1979.
 Coordinates: 9698.5 N 9680.5 E Date Finished Oct. 14, 1979
 Collar elev. 1640 m. (5390') Bearing N62°30'E. Ref. to Claim Corner _____
 Inclination -57°20' Total Depth 66.4 m. Logged by G.A. Noel

DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SECTION	ALTERATION		FRACTURING	MINERAL	GEOLOGY	COMMENTS: <u>Scale: 1:200 (metric)</u>	AVE. CORE REC'Y/HOLE: <u>64.9%</u>
				Epidote	Argillic					
0										
		HW Cns							0 - 15.5: <u>Overburden.</u>	
		NW Cns								
15.5	55						Py		15.5-18.4: <u>Monzonite</u> : pink, brown & green; fine grained; trachytic text. orange-pink alt ⁿ w. calcite. Est. 5% sulphides. @ 80° with clear to tan laths (may be alt ⁿ product.)	
18.6	50						Py		18.4 - 23.2: <u>Rhyodacite tuff-breccia</u> : grey, brown & black; talcose fract. thin qtz-calc sms. w. py. Estimate 5% sulphides as pyrite.	
19.5	20						Py			
23.2	30						Py Mo		23.2 - 35.8: <u>Monzonite</u> : white & grey, mottled; strongly altered (argillic); profoundly leached; Est. 3-5% sulphides.	
24.1	84						Py Mo			
25.8	75						Mo Py			
27.0	80						Mo Py			
28.5	105						Py		2.5 mm. qtz sms. w. py, molybdenite.	
30.0	72						Py		25 mm. qtz sm. w. py, molyb. - 20mm. talc gouge alg lwr. contact. thin py sms & disse. py; Est. 5% sulphides.	

DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SECTION	ALTERATION		FRACTURING	MINERAL	GEOLOGY	COMMENTS:	AVE. CORE REC'Y/HOLE: 64.9%
				Epidote	Argillic					
30			30						Scale: 1: 200 (metric)	
31.4	73		31				py		tal. & argillic gouge; fault bx. 23.2-35.8: <u>Manzanite</u> : see page 1 for description.	
32.0	95		32				py		thin py-molybd. sms; Est. 3% sulphides.	
33.2	82		33				py		few qtz sms w. py; dissem. py. - Est. 3% sulph.	
34.1	43		34				Mo py		shearing parallel to core. 5mm. qtz sm.; dissem. py.	
35	100		35				py		few thin qtz sms w. py, molyb. Est. 3% sulph.	
36	67		36				py			
37.2	75		37				py		5-15 mm qtz-calcite sms w. py. Est. 5% sulph.	
38	38		38				cpy		FeOx, CuOx alg fract.	35.8-56.4: <u>Dacite tuff-breccia</u> ; grey to black; num. qtz sms.
39.0	32		39				py		thin qtz sms w. py, little cpy fault gouge.	
40.5	70		40				py		FeOx alg fract.	
41.1	100		41				py		1-5mm. qtz sms w. py. - Est. 5% sulph.	
42.4	90		42				py		FeOx alg fract.	
43	48		43				py		2-5mm. qtz sms w. py dissem. py - Est. 5% sulph.	
44.8	73		44				py		1-5 mm. qtz sms w. py; dissem. py.	
45.7	33		45				py		tal-c. chlor. gouge.	
46.6	17		46				py		thin py sms; also dissem. py.; Est. 5% sulph.	
47.5	95		47				py		thin py sms; also dissem. py.; Est. 5% sulph.	
48.8	115		48				py		1-5mm. qtz sms w. py; dissem. py.	
49.4	60		49				py		talcose fractures.	
50.9	86		50				py		1-5mm py. sms; dissem. py.; Est. 5% sulph.	
52.4	82		51				py		thin py sms, dissem. py.; Est. 5-10% sulph.	
53.6	26		52				py vg		1-3 mm. qtz sms.	
55.2	52		53				py		4.9(?) @ 53.9m.	
56.4	67		54				py		1-5mm. qtz sms w. py; Est. 5% sulph.	
57.8	60		55				py		1-3mm qtz sms w. py	
59.1	70		56				py		thin py sms; also dissem.; Est. 5% sulph.	
60	100		57				py		1-5mm qtz sms w. py; dissem. py	
60.5	110		58				epy		56.4-61.5: <u>Manzanite</u> : m-gr white, pink & grey; consid. brotite; thin qtz sms. w. py.; dissem. py; Est. 3-5% sulph.	
62.2	95		59				py		2-5mm. qtz-calc. sms. w. py,	
			60				py		5mm. qtz sm. w. py, cpy(-) molyb.	
			61				py		5cm. calc-qtz sm. w. py.	
			62				py		FeOx alg fract.	61.5-66.4: <u>Dacite tuff-breccia</u> : grey, brown & black; num. thin qtz







MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. **7586**

CONSOLIDATED SILVER RIDGE MINES LTD
VANCOUVER, B. C.

TOPOGRAPHIC MAP
RED DOG and HAWK CLAIMS
NUTTLUDE LAKE AREA
Liard M. D. - British Columbia

Drawn by: G. A. Noel
Date: Oct. 30, 1979

Scale: 1:4,800
1 in. = 400 ft.
148m