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827722
092B/13
DDH 90-277

1990 Lava Drilling

90-277

Location: North; 108+30N Azm; 208° Started; May 13, 1990 T.D. 252.07
West; 81+00W Dip; -55° Completed; May 14, 1990

Purpose: Downdip test of DDH90-275

0.00 to 9.87	Overburden	
9.87 to 28.95	Felsic Lapilli Tuff	262 Felsic Package
28.95 to 41.26	Felsic Quartz Porphyry Tuff	
41.26 to 48.80	Felsic Lapilli Tuff	
48.80 to 50.39	Felsic Ash	
50.39 to 63.09	Intermediate Ash to Tuff	
63.09 to 96.69	Andesite Crystal Lithic Tuff	Green Volcaniclastic Sequence
96.69 to 108.34	Andesite Crystal Tuff	
108.34 to 112.63	Andesite Tuff	
112.36 to 120.46	Andesite Crystal Lithic Tuff	
120.46 to 126.40	Diorite	
126.40 to 150.94	Andesite Crystal Lithic to Lapilli Tuff	
150.94 to 161.36	Andesite Lithic Tuff	
161.36 to 181.29	Andesite Tuff	
181.29 to 189.00	Quartz Porphyry Felsic Dyke	
189.00 to 190.58	Fault	Coronation Zone Felsic Package
190.58 to 227.69	Quartz (Feldspar) Porphyry Felsic Tuff	
227.69 to 246.54	Felsic Lapilli Tuff ; Zone? traces of sphalerite, chalcopyrite and galena in fragments	
246.54 to 252.07	Nanaimo Sediments	

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1990 Lava Drilling

90-276 (P15)

Location; North; 109+30N Azm; 208° Started; May 10, 1990 T.D. 193.54
West; 81+00W Dip; -75° Completed; May 12, 1990

Purpose; Test 262 Felsic Package.

0.00 to 6.04	Overburden			
6.04 to 7.93	QFP Felsic Tuff			262 Felsic Package
7.93 to 16.14	QP Felsic Tuff			
16.14 to 27.00	QP Felsic Tuff			
27.00 to 44.04	Andesite Ash to Tuff			
44.04 to 71.36	Felsic Lapilli Tuff			
71.36 to 77.70	Intermediate Ash			
77.70 to 80.67	Chert to Felsic Ash			
80.67 to 95.50	Felsic Lapilli Tuff			
95.50 to 105.84	Chert			
105.84 to 123.33	Felsic Lapilli Tuff			
123.33 to 130.66	Intermediate Tuff	140.66 to 141.16 (0.50m)	60% pyrite; 2% chalcopyrite	
130.66 to 142.34	Felsic Ash	; 141.06 to 141.66 (0.50m)	5% pyrite; trace chalcopyrite	
		141.66 to 141.91 (0.25m)	40% pyrite; 10% chalcopyrite	
		141.91 to 142.34 (0.43m)	15% pyrite; 2% chalcopyrite, 2% galena	
142.34 to 193.54	Andesite Crytal Lithic Tuff			Green Volcaniclastic Sequence.

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1990 Lava Drilling

90-275 (P16)

Location; North; 106+84 N Azm; 208° Started; May 8, 1990 T.D. 175.87
West; 81+60 W Dip; -60° Completed; May 10, 1990

Purpose; Test Coronation Zone Felsics

0.00 to 6.70	Overburden	
6.70 to 20.11	QFP Felsic Dykes	Green Volcaniclastic Sequence
20.11 to 56.99	Andesite Crystal Lithic Tuff	
56.99 to 65.86	Andesite Lithic Tuff	
65.86 to 66.60	Fault	Coronation Zone Felsic Package
66.60 to 101.40	Q(F)P Felsic Tuff Hanging Wall	
101.40 to 140.67	QP Felsic Tuff ; 101.40 to 101.70 ; 6 cm stringer of MSSX 101.70 to 109.66 ; 1-2% pyrite trace sphalerite	
140.67 to 166.39	Felsic Lapilli Tuff to Tuff Breccia	
166.39 to 175.87	Nanaimo	

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May 89

1990 Lava Drilling

90-274 (P17)

Location: North: 108+80N Azm: 200° Started: May 3, 1990 T.D. 425.81 m.
West: 83+00W Dip: -70° Completed May 8, 1990

Purpose: Test 262 Felsic Package shallow and a downdip test of the Coronation Zone Felsics

0.00 to 5.18	Overburden		
5.18 to 13.92	Andesite Tuff		262 Felsic Package
13.92 to 34.46	Intermediate Tuff		
34.46 to 36.90	Diorite		
36.90 to 56.21	Felsic Tuff to Ash	2-3% pyrite.	
56.21 to 64.74	Felsic Ash to Chert	2-3% pyrite, locally 7%	
64.74 95.40	Intermediate QP Tuff	3-5% pyrite	
95.40 to 131.80	Andesite Crystal Lithic Tuff		Green Volcaniclastic Sequence.
131.80 to 138.68	Andesite Lithic Tuff		
138.68 to 139.94	Felsic Ash to Chert	minor pyrite	
139.94 to 158.23	Andesite Crystal lithic to lapilli Tuff		
158.23 to 162.10	Felsic Tuff to Ash		
162.10 to 170.24	Intermediate Lithic Tuff		
170.24 to 262.89	Andesite Crystal Lithic to Lapilli Tuff		
262.89 to 289.00	Diorite		
289.00 to 330.42	Andesite Crystal Lithic Tuff		
330.42 to 335.20	Felsic Tuff		Coronation Zone Felsic Package.
335.20 to 342.65	Q(F)P Felsic Tuff, Hanging Wall		
342.65 to 367.89	QFP Felsic Tuff, Hanging Wall		
367.89 to 420.19	QFP Felsic Tuff, Footwall		
420.19 to 425.81	Nanaimo Siltstone		

1990 Lawa Drilling

FAXED May 9.

90-273 (P18)

Location: North; 106+54N Azm: 208° Started April 28/1990 T.D. 197.20m
West; 83+50W Dip: -50° Completed May 2/1990

Purpose: Test Coronation Zone Felsic Package.

0.00 to 6.75	Overburden	
6.75 to 76.47	Andesite Crystal Lithic Tuff	
76.47 to 77.69	Fault	
77.69 to 87.47	Diorite	
87.47 to 89.32	Intermediate Tuff	Coronation Zone Felsic Package
89.32 to 92.77	Q(F)P Felsic Tuff	
92.77 to 95.79	QFP Felsic Tuff	
95.79 to 96.27	Argillite <1% pyrite "Coronation Zone Horizon"	
96.27 to 102.80	QFP Felsic Tuff	
102.80 to 118.99	QP Felsic Tuff	
118.99 to 123.09	QFP Felsic Tuff	
123.09 to 137.55	Andesite Lithic Tuff	
137.55 to 141.89	Andesite Lithic Tuff	
141.89 to 145.74	Andesite Lithic Tuff	
145.74 to 148.15	Andesite Crystal Lithic Tuff	
148.15 to 189.77	Diorite	
189.77 to 197.20	Andesite Lithic Tuff	
197.20	EOH	

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1990 Lava Drilling
90-272 (P19)

Location: North: 107+40 Azm: 208° Started: April; 23; 90 T.D. 160.63
West: 88+00 Dip: -70° Completed: April; 25; 90

Purpose: A 165.00m east, and downdip stepout on hole 89-262

0.00 - 12.19	Overburden		
12.19 - 63.40	Felsic Tuff	→ 52.87 to 56.99 ; 3% pyr stringers with minor cp 56.99 to 58.34 ; 5% pyr stringers with minor cp 58.34 to 59.05 (.71m); Massive Sulphide, 10% chalcopyrite 45 % pyrite 59.05 to 63.40; 2-3% pyritic stringers with minor cp	
63.40 to 64.97	Intermediate Tuff ; 2-3% pyr minor cp		
64.97 to 72.48	Diorite	13804	
		13805	
72.48 to 75.94	Felsic Tuff	13806	
		13807	
75.94 to 83.70	Intermediate Ash		
83.70 to 152.70	Andesite Crystal Lithic to Lapilli Tuff		
152.70 to 160.63	~~Diorite~~		
160.63	EOH		

DDH 90-272

			Cu PPm	Cu×wid	Zn PPm	Zn×wid	Pb PPm		Ag PPm		Au PPB	
13802	52.87-54.59	1.72	355		168		14		0.70		6	
13803	54.59-55.63	1.04	182		180		22		0.90		3	
13804	55.63-56.99	1.36	42		106		17		0.50		3	
13805	56.99-58.34	1.35	1,600	2160	58	78.30	5	6.75	1.20	1.62	5	6.75
13806	58.34-59.05	0.71	23,700	16,827	158	112.18	70	49.70	6.40	4.54	170	120.70
13807	59.05-59.95	0.90	440	396	110	99.00	15	13.50	0.80	0.72	5	4.50
13808	59.95-61.35	1.40	410		168		18		0.80		7	
13809	61.35-62.24	0.89	525		215		21		0.70		24	
13810	62.24-63.40	1.16	215		83		25		0.60		26	
13811	63.40-64.97	1.57	475		238		325		0.80		23	
	56.99-59.05	2.06	9217	18,987	92.50	190.48	27.40	56.45	2.99	6.16	62	127.45

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1990 Lava Drilling
90-271 (P20)

Location: **North:** 104+14N **Azm:** 208° **Started:** April 20, 1990 **T.D.** 206.34
West: 90+02W **Dip:** -55° **Completed:**

Purpose: Test a strong VLF anomaly in the Coronation Extension Zone

0.00 to 31.20 m	Overburden		
31.20 to 72.13 m	Andesite Crystal Lithic Tuff	- 64.90 m to 72.13 m → Fault	VLF Anomaly.
72.13 to 73.23	Felsic Tuff	strongly sheared, abundant gouge	
72.23 to 116.10	Diorite	72.23 to 79.70 → Fault	
116.10 to 118.80	QP Felsic Tuff		
118.80 to 187.79	Andesite Lithic Tuff		
187.79 to 202.89	Diorite.		
202.89 to 206.34	Nanaimo Sediments.		
206.34	E.O.H.		

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Mt Sicker, LARA, Drilling Summaries.

~~Currently drilling in the NE Copper area~~

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