

HUDSON BAY EXPLORATION AND DEVELOPMENT COMPANY LIMITED

DIAMOND DRILL LOG

Claim: HATCH 13 (Y67656)

Location: 115 H/12

Mining Division Whitehorse

Hole N^o. 84-04

Angle: -50°

Direction: 077°

Depth: 257.5'

Grid N^o.

Co-Ordinates:

84+60E

39+50S

3939'

Date Started: 8 June 1984

Finished: 9 June 1984

Logged By: D. A. Downing

Drilled By: Arctic Diamond Drilling

DEPTH		DESCRIPTION OF CORE	Page 1 of 2
From	To		
0.0	5.0	Overburden	
5.0	32.5	Biotite Quartz Schist Noncalcareous, non magnetic schist with an extensive QV ₁ stockwork There are no sulphides, the schistosity is variably distorted and there are locally massive biotite margins around quartz veins 13.2 - 13.9 - #98119 - QV ₂ with trace pyrite, molybdenum and/or galena 15.7 - 16.6 - #98120 - QV ₁ with a trace of molybdenum 19.5 - 21.4 - #98121 - QV ₁ with a trace of molybdenum 25.0 - 25.8 - #98123 - QV ₂ with chalcopyrite, pyrite and galena	
32.5	34.5	Tan Altered Biotite Quartz Schist 32.5 - 32.9 - #98122 - QV ₂ 32.9 - 33.4 - Broken core ² possibly due to shearing	
34.5	57.7	Biotite Quartz Schist Extensive QV ₁ stockwork and with minor chloritic alteration bands There is a trace of molybdenum associated with larger quartz veins of the stockwork. 53.0 - 53.1 - 1/8" quartz carbonate vein with a rusty, chloritic alteration halo. 53.8 - 54.0 - Leucocratic granite	
57.7	63.1	Tan Altered Biotite Quartz Schist There is chloritic alteration developed adjacent to quartz veins of an extensive QV ₁ stockwork. 57.7 - 61.4 - #98124 - QV ₁ Stockwork 61.4 - 61.7 - Leucocratic ¹ granite 63.0 - 63.1 - #98126 - QV ₂ with minor galena and a trace of pyrite	
63.1	86.0	Biotite Quartz Schist Extensive QV ₁ stockwork 72.8 - 73.2 - A major QV ₁ 81.6 - 82.0 - #98126 - QV ₂ with minor galena and a trace of pyrite	
86.0	95.4	Tan Altered Biotite Quartz Schist Slightly pyritic schist with an extensive QV ₁ stockwork The drill core is very broken	
95.4	110.8	Biotite Quartz Schist 95.4 - 100.0 - Major QV ₁ parallel to the c/a	

DEPTH		DESCRIPTION OF CORE	Page 2 of 2
From	To		
		100.0 - 104.0 - Chloritic alteration zone giving the schist a green colour	
		107.3 - 108.3 - Chloritic alteration zone	
110.8	111.8	Grey Altered Biotite Quartz Schist	
111.8	122.3	Biotite Quartz Schist	
		Extensive QV ₁ stockwork	
		111.8 - 113.0 - strongly distorted, massive biotite with some chloritic rusty alteration	
122.3	124.7	Tan Altered Biotite Quartz Schist	
		Alteration is localized around a major shear	
124.7	125.9	Leucocratic Granite	
		Granite altered to a tan colour due to the adjacent shear zone	
125.9	184.0	Biotite Quartz Schist	
		Schist with slightly calcareous light green bleached bands and cut by an extensive QV ₁ stockwork	
		151.0 - 151.1 - Possibly sheared, very broken, very calcareous, greenish schist	
		155.0 - 155.8 - Major QV ₁	
		155.8 - 156.9 - Schist as described 151.0 - 151.1	
184.0	257.5	Leucocratic Granite	
		There is partial alteration of the feldspars to clay. Zones of strong alteration and probably shearing are located at 190, 195, 205.	
257.5		END OF HOLE	