

Hole No. 75-9 Sheet 1 Started June 23, 1975 Completed June 27, 1975 Logged by R. H. Beaton Property Car 57-72 YC.s
Mt. Freegold Area
Big Creek Property
Length 288' Dip 90° Hor. Comp. -- Vert. Comp. -- Bearing -- Latitude 1+18 W Departure 27 + 85 S New Grid
Elev. Collar 3320' altimeter % Recovery 90% below 38' Location Whitehorse M. D., Yukon, N.T.S. 115 I/SE Lat 62° 25' N Long. 137° 38' W
100% below 68'
Object Investigate Cu - Mo geochem. anomaly

Remark - surface weathering depth not definite

composites

Footage m	To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis				
								Au	Ag	Cu	Pb	MoS ₂
0	36	nil	O. B. and decomposed bedrock									
36	193		Gneissic granodiorite or qtz. diorite characterized by weak gneissic orientation of	2787	40	50	2796			0.11		0.003
			hornblende (chloritized), prominent large distinct orthoclase phenocrysts,	2811	50	60				0.11		0.007
			and minor qtz. eyes. The rock is pyritized more or less throughout both by	2812	60	70				0.09		0.003
			fracture fillings to $\frac{1}{4}$ " or more thick; but generally much less; and also by	2788 +	70	80		+.01	+.08	0.22		0.015
			persistent dissemination. Magnetite is moderately strong as patches and veinlets	2813	80	90				0.12		0.005
			at top; but declines with depth to weak and sporadic. Silicification is	2814	90	100				0.13		0.007
			moderately developed along some fractures which invariably include a pyrite	+ 2789	100	110				0.14		0.005
			core. Some small faults containing gouge are present; but none appear large.	2815	110	120				0.18		0.003
			Minor Chalcopyrite is sparsely present usually in hair fractures; but also as a	2816	120	130				0.18		0.020
			weak dissemination at widely spaced intervals. Estimated average grade is	2790	130	140	2797			0.17		0.010
			+ 0.05% Cu. Molybdenite is rare being present in little more than	2817	140	150				0.24		0.020
			trace amounts. Alteration is moderate green schist; but locally, especially	2818	150	160				0.17		0.003
				2791	160	170	- 2797	*.005	*.08	0.21		0.017

AMOND DRILL RECORD

Object _____

[illegible]

Hole No. 75-9 Sheet 3 Started _____ Completed _____ Logged by _____ Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage m	To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis			
								Au	Ag	Cu	Pb
			122-124 Dyke. Dark grey, crowded small pale grey phenocrysts								
			134 Sporadic bleaching of feldspar commencing, increase in silicification								
			135½ Fault gouge, 1"								
			140½ Fault, small								
			146½ Small 1" qtz. vein with pyrite, little chalcocite, minor chalcopyrite								
			138-155 silicification 10-20%. Bleaching less, Pink feldspar prominent								
			168 Magnetite down to less than 1%, pyrite persistent								
			177 Hematite hair veinlet								
193	218	100%	At 193' rock becomes much finer grained, pink phenocryst become								
			less well defined (shadowy); and gradationally disappear								
			Gneissic characteristic is almost absent possibly due to alteration								
			and silicification; and sporadic parallel banding at 45° /core commences.								
			Coloration is noticeably more greenish (Chloritization)								
			Pyritization persists especially in fractures. Scant chalcopyrite								

Hole No. 75-9 Sheet 4 Started _____ Completed _____ Logged by _____ Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage m	To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis			
								Au	Ag	Cu	Pb
			199½ Fine hair stringer of chalcopyrite								
			200½ Small fault.								
			204½ First MoS ₂ noted as few flakes on fracture face.								
			208½ 1/16" chalcopyrite in fracture								
			211 Hematite stringer								
218	288		Rock grey, competent (excellent coring), cloudy light grey phenocrysts								
			to 1/8" locally well developed., light and dark grey banding								
			locally conspicuous otherwise faint or absent, silicification								
			especially along fractures increasing and varying from about 10%								
			to 30%, some patchy bleaching toward bottom, chloritization brighter								
			green with probable destruction of mafics, sparse to absent magnetite								
			in fine stringers, pyritization persistent to ⁺ 3% or more in fractures								
			and as dissemination, chalcopyrite and rare chalcocite sparsely present								
			(⁺ - 0.05% Cu estimated average)								
			229½ & 231½ little chalcopyrite in fractures								

