

023

DIAMOND DRILL RECORD

HOLE NUMBER: FED 23

LOGGED BY: D. Kilpatrick

HWPS

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM.	% Sn.											
FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% W.C.
				58.8-50.1m; jointing at 20°-30° to core axis. - rusting on surface, large blob of pyrite grains 2cm across.													
				61.5-62.5m; jointing at 40°													
				66.7-66.8m; broken zone of slightly argillised granite - plagioclase completely altered to clays.													
				71.0-71.5m; jointing at 60°-70°, with tourmaline on surfaces.													
				75.8-76.2m; Altered oxidised granite at (?) fracture zone.													
				A second rust-stained zone occurs at 81.4-81.5m. (30° to core axis)													
				85.7-86.3m; Aplite - pinkish fine grained aplite of quartz, pink and yellow feldspar and biotite blebs. Narrow alteration haloe in host rocks shows plagioclase altered to greenish yellow chlorite. A lot of disseminated biotite at contact.													
				From approximately 80 metres down, the core changes from grey and red to yellow and red as alteration of feldspars increases.		91	93	.01	<0.01	.02	<0.1	<0.1	<0.01	.02	<0.001	<1	0.01
				87.7-94.7m; core is banded with fresh red-grey granite, white-grey granite and quite altered greenish yellow-grey core.		94	.01	<0.01	.02	<0.1	<0.1	.01	.02	0.004	<1	<0.01	
				94.2-94.7m; quite altered soft talc-like yellow-brown chlorite after plagioclase and greenish grey altered K-feldspar.		95	.01	<0.01	.01	1.0	0.6	.01	.01	0.08	<1	0.01	
						96	.01	.01	.04	7.2	1.5	.01	.07	0.76	4	<0.01	
						97	.01	<0.01	.03	2.3	2.0	.01	.09	0.14	1	<0.01	
						98	.01	<0.01	.01	<0.1	<0.1	<0.01	.02	0.01	<1	<0.01	
						99	.01	<0.01	.01	<0.1	<0.1	.01	.01	0.01	<1	0.01	
94.7	96.7	2.0	100	GREISEN BAND		100	.02	<0.01	.01	<0.1	<0.1	<0.01	.02	<0.001	<1	<0.01	
				Grey mottled rock of very altered greisenised granite. Granitic texture is poorly distinguished. Mostly quartz, muscovite, sericite, lesser chlorite, minor fluoicrite and abundant disseminated hard silvery sulphide, (?) arsenopyrite (av. 1-2mm).		101	.01	<0.01	.02	<0.1	<0.1	<0.01	.02	<0.001	<1	0.01	
				Upper and lower contact zones are less altered with minor muscovite and minor very fine disseminated sulphide.		102	.01	<0.01	.02	<0.1	<0.1	<0.01	.02	<0.001	<1	0.01	
						103	.02	<0.01	.01	<0.1	<0.1	<0.01	.03	<0.001	<1	<0.01	
						104	.01	<0.01	.01	<0.1	<0.1	<0.01	.02	<0.001	<1	<0.01	
						105	.01	<0.01	.01	<0.1	<0.1	<0.01	.02	0.001	<1	0.01	
						106	.02	<0.01	.01	<0.1	<0.1	0.01	.02	0.03	<1	<0.01	
						107	.01	<0.01	<0.01	<0.1	<0.1	<0.01	.02	0.06	<1	0.01	
96.7	102.0	5.3	100	PARTLY ALTERED GRANITE		108	.02	<0.01	.01	<0.1	0.1	<0.01	.02	0.02	<1	0.01	
				Pink or yellow granite quite broken RQD = 50% - medium grained.		109	.01	<0.01	.01	<0.1	<0.1	<0.01	.01	<0.001	<1	0.01	
						110	.01	<0.01	.02	<0.1	<0.1	0.01	.01	<0.001	<1	0.01	
102.0	104.0	2.0	100	ALTERED PARTLY GREISENISED GRANITE		111	.01	<0.01	.01	<0.1	<0.1	<0.01	.02	<0.001	<1	0.01	
				Creamy grey core of quartz, creamy K-feldspar, black or dark green sericitised plagioclase. Quite broken. Sulphide rare. Medium grained.		112	.01	<0.01	.02	<0.1	1.2	<0.01	.03	0.019	<1	0.04	
						113	.01	<0.01	.01	<0.1	<0.1	<0.01	.02	<0.001	<1	<0.01	
104.0	105.1	1.1	100	ALTERED GRANITE													
				Creamy yellow core of quartz creamy or slightly pinkish K-feldspar and greenish yellow plagioclase. Jointing 35° to core axis. Medium grained.													

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