013

DIAMOND DRILL RECORD

HOLE NUMBER : FED 22

LOGGED BY : D. Kilpatrick

INTERVAL (m) FROM	TO	RECOVERY m	%	DESCRIPTION	FORM.	% Sn. FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO_3
135.0	137.2	2.2	100	Pegmatite													
				Quartz, feldspars, biotite fine to medium grained pegmatite. Grey to off-white banded core with constantly varying grainsize and variously banded fine grained aplitic quartz-feldspar-biotite bands, fine to medium grained quartz-feldspar bands.and medium grained quartz4feldspar-biotite bands. Minor pyrite in sinuous discontinuous vein or disseminated. At 136.7m core contains a nodulous (?) core of quartz-muscovite-pyrite surrounded by radiating feldspar phenocryst. (3cm wide). Very competent core. Banding and veining occur at 20^{0}-25^{0} to the core axis.											
137.2	162.9	25.7	100	Fine-medium Porphyritic Granite		134	135	0.04		0.01	0.1	0.1	0.01	0.02			0.01
				Grey competent core of fine-medium quartz, white feldspar and lesser fresh biotite with abundent medium-coarse feldspar and lesser quartz phenocrysts. Feldspars are often tabular up to 12mm (av.5-10mm) and are often zoned or rimmed and weather to yellow. Rare tourmaline nodules Greisen vein at 139.5m. (30^{0} to core axis). Jointing at 25^{0}-40^{0} to core axis.		135	136	0.01		0.01	0.1	0.1	0.01	0.01			0.01
						136	137	0.01		0.01	0.1	0.1	0.01	0.01			0.01
						137	138	0.01		0.01	0.1	0.1	0.01	0.01			0.01
				141.7-142.4m; Slightly altered, broken zone with greisen vein.													
				142.9-143.6m; Fine grained granite horizon - aplite dyke of quartz feldspar muscovite biotite and blebs of (?) sericitised feldsper at base.Greisen vein at upper contact. Sharp, jointed lower contact 25^{0}-30^{0} to core axis.													
				Grey sericitised zones and blebs are common below this dyke and occasional greisen veins e.g. 147.8m, 147.9m, 149.3,-149.4m. Pyrite is rare to minor as disseminated blebs up to 2mm.													
				Below this the porphyritic medium grained granite recurs with numerous blebs of sericitised material conteining biotite + (?) quartz (dark grey siliceous material) and enveloping the grains and phenocrysts with only minor effect on the enveloped grains. Pyrite is minor with disseminated blebs up to 4mm diameter but generally 1mm. Biotite is fresh except along joint planes (25-30^{0} to core axis). Core grades to less porphyritic at base except for last 0.3 metre.												
				162.6-162.9m; Dark grey porphyritic horizon - Dark grey ground-mass of very fine biotite and quartz with porphyroblastic tabular feldspar and more rounded quartz up to 10mm (av. 6-8mm). Horizon has irregular contacts.													