

024

DIAMOND DRILL RECORD

HOLE NUMBER : FED 23

LOGGED BY : D. Kilpatrick

NWPS

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM	% Sn.										
FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g Ag
105.1	108.6	3.5	100	WEAKLY ALTERED GRANITE Pink and yellow feldspar with fresh biotite. Medium grained.												
108.6	111.3	2.7	100	APLITE Fine grained pink or yellowish green-grey aplite of quartz, feldspar and fine disseminated biotite. Some coarser bands and base.												
111.3	112.4	1.1	100	GREISENISED GRANITE Greisenised or chloritised green or greenish grey granite with fluorite and pyrite accessory in more altered zones.												
112.4	145.8			MEDIUM-COARSE RED GRANITE Moderately fresh ordinary red granite. Yellow and red feldspar, grey quartz with mostly fresh disseminated biotite in quartz concentrated at grain boundaries. Upper 7 metres is quite broken along joint planes- 45°-65° to core axis. Below this the main jointing orientation is 35° to core axis. Core has slightly porphyritic appearance especially 135-140m but this is mainly due to ragged K-feldspar grains and alteration rims around the plagioclase. Gradational contact at												
145.8	183.6	37.8	100	GREY MEDIUM-COARSE GRANITE Grey medium coarse grained granite of white or slightly pink K-feldspar (8mm - 30mm, av. 15mm) and small creamy yellow or greenish pale grey plagioclase (0.4-0.6mm) in a quartz matrix. The K-feldspar is generally ragged occurring often as aggregates of medium grained crystals, which may be tabular. Biotite occurs in quartz at grain boundaries. (av. 2mm). Grains are usually disseminated, occasionally as larger aggregates. Rare pyrite grains (4mm). Rare porphyroblastic tabular K-feldspar up to 15mm x 10mm. Occasional siderite veins. In more altered zones the plagioclase has been altered to yellowish green sericite eg. 165.7-166.6m. Occasional greisen veins eg. 172.5m, 176.1m. Quite distinct contact at.....												
183.6	187.1	3.5	100	MEDIUM COARSE RED GRANITE Reddish medium coarse granite; weakly porphyritic appearance. Pink K-feldspar, white or greenish plagioclase and grey quartz with rare phenocryst of fine-grained siliceous aplitic material with flecks of biotite.												

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