

DIAMOND DRILL RECORD

HOLE NUMBER : FED 22

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.	gt Ag
0	3	-	0	No recovery. Mostly sand and tree-roots after site development.												
3	23.5	4.1	20	<p><u>Medium-Course Red Granite</u></p> <p>Fresh core of pink K-feldspar, tabular up to 15mm long often surrounded or rimmed by creamy or greenish creamy plagioclase. Plagioclase grains generally smaller (av. 7mm). Quartz is dark grey up to 15mm diameter. Biotite is fresh disseminated (av. 2-3mm) concentrated at grain boundaries. A number of joint surfaces with rusting and leaching evident, cut the core at 45°-60° to core axis. Fine grained aplite dyke possibly with some porphyritic quartz, between 11.5m - 14.5m - very poor recovery.</p>												
23.5	26.2	0.3	10	<p><u>Medium - Course Granite</u></p> <p>Medium grained core very similar to above except that both feldspars are white or greenish-white. Biotite is present but more altered than above. Probably altered 'Red' Granite.</p>												
26.2	26.5	0.24	80	<p><u>Aplite Dyke</u></p> <p>Quite altered fine grained feldspar quartz rock with no biotite.</p>												
26.5	29.9	1.7	50	<p><u>Strongly Altered Granite</u></p> <p>Medium grained yellow to grey-green core of quartz, altered plagioclase, which has mostly gone to yellow clay minerals, and pink K-feldspar mostly gone to altered creamy feldspar. Some tourmaline nodules and biotite, mostly chloritized are present. Quartz has purplish tint.</p>												
29.9	32.5	2.6	100	<p><u>Broken Zone</u></p> <p>Completely broken zone of weathered medium grained granite with quartz, altered feldspar, chloritised biotite.</p>												
32.5	33.1	0.6	100	<p><u>Weathered Medium-Course Red Granite</u></p> <p>Mostly as described above (29.9-32.5m) pink K-feldspar, and green or yellow plagioclase. More altered horizons within this zone are associated with jointing and slickensides at 35° to core axis. Aplite horizon at 37.3-37.4m - irregular contact.</p>												

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