

002

# DIAMOND DRILL RECORD

HOLE NUMBER : FED 19

LOGGED BY : D. KILPATRICK

WPPS

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM	% Sn.											
FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO <sub>3</sub>
0	24.5	22.8	92	<p>Coarse Grained Red Granite - coarse grained very competent core of plagioclase, K-feldspar and quartz with quartz and lesser biotite and very rare pyrite grains (&lt;1mm). Average grainsizes; quartz 0.8cm K-feldspar 1.2cm, plagioclase 0.8cm, biotite 0.2cm. K-feldspar is bleached white at surface and becoming flesh coloured with depth to pink at lower contact. Grains are often tabular and twinned - rarely with plagioclase alteration rim. Plagioclase is translucent green to pale greenish white opaque or altered to creamy yellow and not tabular.</p> <p>4.3cm, Aplite band (40° to core axis) with central feeder veinlet.</p> <p>Numerous fractures with oxidation and alteration associated.</p> <p>14.3-16.0m - fracture along core axis.</p> <p>18.7m; inclusion or cross-cutting dyke of medium grained potassic rich rock with quartz, biotite and plagioclase.</p> <p>20.6m; 1.5cm bank of pink K-feldspar cross-cutting at 45° 80% K-feldspar, 20% quartz and plag. with quartz, plagioclase at contacts.</p> <p>Occasional biotite tourmaline quartz filled fractures. 25° to 45° to core axis.</p> <p>23.8-24.5m (?) greissenised and sheared section of banded red and porphyritic granite. Biotite rich bands occur at 25° or 40° to core axis. Feldspars are very altered.</p> <p>Sharp contact at 60° to core axis.</p>													
24.5	25.4	0.9	100	<p>Aplite - cream coloured, sugary textured core of quartz-feldspar-biotite (slightly chloritised (?)); average grainsize ≤1mm. A number of joint planes (av. 60°). Rusting around fractures. Lower contact slightly diffuse.</p>													
25.4	29.3	3.9	100	<p>Medium Grained Porphyritic Granite - grey and creamy gray, fairly broken core of medium grained quartz, two feldspars, biotite and numerous rounded opaque speckled quartz porphyroblasts and tabular altered feldspar porphyroblasts. (feldspars mostly creamy altered plagioclase - some pink K-feldspars)</p> <p>The core is fairly altered with weathering concentrated along fractures which are oriented at 35°-50° to core axis. Gradational contact over 2cm.</p>													

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