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DIAMOND DRILL RECORD

HOLE NUMBER : FED 22

LOGGED BY : D. Kilpatrick

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM	% Sn.											
FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL.	% Cu.	% Al.	% S.	% Pb.	% Zn.	% Bl.	g/t Ag	% WO ₂
38.2	38.7	0.5	100	<u>Fine Grained White Granite</u> Mostly creamy yellow feldspar, lesser quartz, minor altered biotite and occasional tourmaline nodules. Sharp contact at 58° to c.e. (upper) 65° (lower).													
38.7	59.5	20.8	100	<u>Porphyritic Medium Grained Granite</u> Grey mostly competent core very similar to above 'Red' granite but quartz and plagioclase are generally medium grained (5mm) Plagioclase is often tabular. The whole K-feldspar averages 15-20mm. Biotite (3-4mm) is mostly fresh. The unit is quite altered at upper 0.7m. Plagioclase has gone to chlorite and clay, biotite has gone to chlorite. Occasional tourmaline nodules. Below this K-feldspars are pink-phenocrysts are often zoned and rimmed by plagioclase and clays. Occasional altered argillised horizons, e.g. 50.3m. Gradational contact.													
59.5	70.6	11.1	100	<u>Medium-Coarse Red Granite</u> Equigranular medium-coarse granite of pinkish potassic feldspar and yellow or greenish-yellow plagioclase and grey quartz, with abundant biotite concentrated at grain boundaries (2-3mm) - slightly altered. Some tourmaline nodules.													
70.6	71.3	0.7	100	<u>Fine Grained White Granite</u> Horizon of fine grained aplites containing feldspar, quartz and chloritised biotite. Porphyritic zone at base contains rounded quartz porphyroblasts up to 7mm diameter. Upper contact has 8cm biotite rich contact zone. Contact undulating.													
71.3	82.7	11.4	100	<u>Medium-coarse Red Granite</u> As described above. (59.5-70.6).													
82.7	86.7	4.0	100	<u>Very Altered Granite</u> Very broken, medium-coarse yellow to gray-green core of quartz, creamy-yellow altered K-feldspar, chloritised biotite and greenish-gray tabular clay grains after (?) plagioclase. More altered quartz and very altered K-feldspar with chloritic grains after biotite.													
86.7	87.4	0.7	100	<u>Medium Grained Partly Altered Granite</u> With pink staining on both feldspars and yellow alteration of some zoned and rimmed feldspars. Chloritised biotite present.													

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