

## DIAMOND DRILL RECORD

HOLE NUMBER : FED 21

LOGGED BY : D. Kilpatrick

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM.	% Sn.													
FROM	TO	m	%			FROM	TO	TOTAL	ACIDS SOL.	% Cu.	% Al.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO <sub>3</sub>		
				35.8 - 38.4m; Speckled mineralised zone possibly originally a fine grained porphyritic granite; relic phenocrysts and fine grained quartz can be seen, now replaced by serpentine. Abundant medium grained pyrite (10%-20%) grainsize 1-2mm. Grades into .....		66	67	0.01	0.02	0.01	0.1	2.8	0.01	0.01	.008	2	0.01		
						67	68	0.01	0.01	0.01	0.1	5.0	"	"	.004	1	0.01		
						68	69	0.17	0.01	0.01	"	7.1	"	"	.005	1	0.01		
						69	70	0.05	0.01	0.01	"	3.1	"	"	.004	1	0.01		
				38.4 - 44.4m; Medium grained mineralisation, quartz yellow-brown, soft serpentine and green chlorite and minor siderite, tourmaline and rare fluorite.		70	71	0.01	0.01	0.01	"	0.1	"	"	.005	1	0.01		
						71	72	0.01	0.01	0.01	"	0.1	"	"	.002 x	1	0.01		
				(39.4 - 30.5m) and medium to coarse pyrite up to 10%. Grades to...															
				44.4 - 50.6m; Fine to medium grained sulphide rich yellow green talc-serpentine and siderite bearing rock with abundant pyrite up to 20% and concentrated on grain boundaries (av. 2-3m diameter). Rare jointing sometimes with chlorite-clay filling at 40° to core axis.															
				50.6 - 52.0m; Fine to coarse grained, banded horizon of coarse grained (?) ex-granite and fine grained dark grey rock with mottled basaltic appearance; mostly altered plagioclase (?) amphibole and quartz. Minor fine grained disseminated pyrite in 'basalt' and coarser in the granitic material. Grades to .....															
				52.0 - 52.9m; Mottled medium grained granitic rock of ochre coloured clay and green talc grains and pink white and grey stained quartz with common medium to coarse pyrite disseminated pyrite (up to 10%).															
				52.9 - 59.1m; Dark green grey medium grained core of chlorite/serpentine, ragged subtabular (?) siderite (up to 10mm long) and quartz with common medium to coarse disseminated pyrite abundant at base (up to 20%). Occasional red staining of altered (?) quartz (hardness 5-6).															
				59.1 - 60.4m; Fresher relic granite - texture retained. Quartz, yellow feldspars and serpentinised feldspars with chlorite [(?) after biotite] and abundant disseminated pyrite medium to coarse grained (10-15%).															
				60.4 - 61.8m; Serpentinised medium grained core of mostly quartz, chlorite and serpentine with abundant pyrite (~10%). Pale to dark grey green core grades to dark grey green serpentinised material with red-stained quartz. Clay filled joint plane 15° to core axis.															
				61.8 - 64.8m; Fine-medium grained yellow to greenish-yellow relic granite consisting of yellow or green serpentinised feldspar, quartz and medium to coarse pyrite (< 7mm) 10-20%. A small nodule of quartz-fluorite occurs at 62.1m															

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