

CO-ORDINATES: 5271270mN : 386803mE		CORE SIZE: NQ 0.65m to 16.70m BQ 16.70m to 52.56m	FINAL DEPTH: 52.56m	HOLE NUMBER: SPCS-4
AZIMUTH: 080° (TN)	INCLINATION: -51°		PRE-COLLAR: 0.65m	

FROM :	TO	INCLUDING	DETAILS
0.00	: 0.65		QUARTZ FELDSPAR BIOTITE PORPHYRY. Pale grey green, weak to moderately chloritic, weakly foliated / schistose (at 50° to 60° ca) Qfbp. Rock contains cross-cutting fibrous quartz - chlorite veins and chlorite zones but no sulphides were noted.
0.65	: 7.70		
		1.00 : 1.02	Chloritic zone at 30° ca.
		1.95 : 1.97	Chloritic zone at 60° ca.
		2.30 : 2.40	Fibrous quartz-chlorite vein at 30° ca
		2.50 : 2.60	Fibrous quartz-chlorite vein at 40° ca.
		2.90 : 3.00	Chloritic zone at 65° ca.
		3.80 : 3.90	Limonitic fracture at 0° to 30° ca.
7.70	: 9.25		QUARTZ FELDSPAR BIOTITE PORPHYRY Moderately chloritic and foliated / schistose (at 65° ca) Qfbp.
		8.30 : 8.80	Fine chlorite-quartz veinlet at 65° ca.
9.25	: 12.90		QUARTZ FELDSPAR BIOTITE PORPHYRY. Less chloritic and schistose / foliated Qfbp.
		9.40 : 9.43	Quartz vein at 70° with very fine limonitic selvages
		10.00 : 10.40	Secondary foliation at 0° to 10°ca.
12.90	: 15.15		QUARTZ FELDSPAR BIOTITE PORPHYRY / FAULT. Strongly schistose (60°) and chloritic Qfbp as seldge to the fault from 14.00 to 14.25m. Core contains a number of chloritic pyritic zones as noted
		14.00 : 14.25	Puggy fault.
		14.50 : 14.55	1% pyrite in veinlets
		14.75 : 14.80	1% pyrite in 1mm veinlets at 60° ca.
		14.90 : 15.10	1% pyrite in four discontinuous veinlets at 55° to 65° ca.
15.15	: 18.95		QUARTZ FELDSPAR BIOTITE PORPHYRY. Moderately chloritic, moderately schistose / foliated (55° ca) with only very minor disseminated pyrite.
		17.20 : 18.95	Secondary foliation at 0° ca, dipping 50° to the east.
18.95	: 24.60		QUARTZ FELDSPAR BIOTITE PORPHYRY. Weak to moderately schistose / foliated and chloritic Qfbp.
		20.75 : 20.85	Secondary foliation.
		24.00	1mm pyrite veinlet at 70° ca.
24.60	: 40.65		QUARTZ FELDSPAR BIOTITE PORPHYRY. Qfbp with a number of more chloritic and moderately schistose zones. A number of pyritic zones are noted.

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FROM :	TO	INCLUDING	DETAILS
	24.60	24.90	Strongly chloritic zone.
	26.20	26.30	2mm pyrite chlorite vein at 30° ca. plus two 1mm pyrite veinlets at 50° ca
	27.65	27.67	Strongly chloritic zone in broken core with 10% pyrite in disseminations.
	27.00		Mottled quartz chlorite zone
	28.08	28.15	Mottled quartz chlorite zone with three 1mm pyrite veinlets at 65° ca.
	28.75	28.90	15% pyrite in a strongly chloritic zone with pyrite in clots to 5mm diameter.
	28.90	29.30	Chloritic zone with 2% pyrite in fine veinlets at 70° ca, and in disseminations from 28.90m to 29.05m and in a 4mm zone at 15° ca from 29.05m to 29.15m.
	29.30	29.90	Strongly schistose zone.
	30.00		2mm pyrite veinlet at 70° ca.
	30.45	31.65	Carbonate (siderite?) breccia infilling / alteration and minor fuchsite, minor disseminated pyrite occurs in a strongly foliated (60° ca) zone from 30.45m to 30.60m.
	31.65	31.75	Puggy minor fault
	32.25		5mm chlorite pyrite vein at 50° ca.
	36.15		1mm pyrite veinlet at 70° ca with some associated sericite alteration.
	36.55	37.10	Strongly chlorite altered zone with 5% pyrite as disseminated clots to 5mm, from 36.70m to 36.75m and 2% pyrite in four veinlets at 55° to 70° from 36.75 to 37.00m.
	38.70	39.25	Moderately to strongly chloritic zone with 1% to 2% throughout with 5% pyrite as disseminated clots from 38.73m to 38.75 and in four 2mm veinlets from 38.75m to 39.25m.
	39.60	39.80	Secondary foliation dipping 50° to the east.
	40.20	40.65	0.5% pyrite throughout in a irregular veinlet, sub-parallel to the core axis.
40.65	52.56		QUARTZ FELDSPAR BIOTITE PORPHYRY. Qfhp but now consistently moderately to strongly schistose and chloritic. A number of pyritic zones are noted.
	42.00		2mm pyrite vein at 65° ca
	42.15		2mm pyrite vein at 55° ca
	42.75		1mm pyrite chlorite veinlet at 20° ca, dipping steeply to the north-east, with 10mm siliceous selvages.
	44.35		1mm pyrite veinlet at 65° ca
	45.15	45.35	Strongly chloritic zone with 1% pyrite in two veinlets at 50° ca and a single veinlet at 10° ca
	46.35	46.55	Moderately to strongly chloritic zone with 0.5 pyrite as fine disseminations in irregular veinlets at 60° ca.
52.56			EOH