

CO-ORDINATES: 5271260mN : 386735mE	CORE SIZE: NQ 0.70m to 11.10m BQ 11.10m to 53.35m	FINAL DEPTH: 53.35m	HOLE NUMBER:
AZIMUTH: 080° (TN)	INCLINATION: -50°	PRE-COLLAR: 0.70m	SPCS-2

FROM : TO	INCLUDING	DETAILS
0.00 : 0.70		Pre-collar
0.70 : 28.85		TUFFACEOUS SEDIMENTS / TUFF. Generally beige green, moderately foliated / schistose generally medium grained (1mm to 3mm) quartz, lesser biotite, sericitised feldspar volcanoclastic which is either a primary felsic tuff or submarine re-worked felsic tuff. The rock is relatively unaffected by the Qfhp with no induration at the contact.
	2.55	Limonitic fracture
	6.80 : 7.10	1% pyrite in 2mm veinlets at 60° to 70° ca.
	9.30 : 9.31	10mm siliceous band at 65° ca with 1% pyrite in fine anastomosing veinlets.
	9.40	1mm pyrite quartz veinlet
	9.50 : 9.60	2% pyrite as discontinuous blebby veins associated with quartz at 60° to 50° ca.
	10.30	Two 0.5mm veinlets at 70° ca.
	10.90 : 11.00	Broken core - minor fault.
	11.00	Below 11.00m the rock contains very minor disseminated pyrite with better zones as noted.
	12.58 : 12.62	0.5% disseminated pyrite associated with two 2mm clayey veins at 60° ca.
	14.25 : 14.30	Minor pyrite as disseminations and in clayey veinlets.
	15.00 : 15.40	0.5% pyrite as disseminated clots.
	15.40 : 15.75	1% pyrite as disseminated clots
	15.75 : 16.10	0.5% pyrite as disseminated clots.
	16.10 : 16.15	Fault, as crumbly broken core.
	16.15 : 16.25	Broken core associated with above fault.
	16.40 : 16.55	0.5% disseminated pyrite associated with 2mm quartz pyrite veins at 40° ca at 16.40m, 16.50m and 16.55m. The veins dip steeply to the south-east, cutting the foliation.
	17.00 : 17.75	Faults at 17.40m and 17.70m (crumbly pug) with associated broken core from 17.00m to 17.75m.
	18.30 : 18.95	0.5% disseminated pyrite associated with two 1mm quartz pyrite veinlets at 55° ca at 18.55m, a 4mm pyrite quartz vein at 50° ca at 18.67m and 2mm pyrite quartz veins at 55° at 18.72m and 18.95m.
	19.00 : 28.75	Below 19.00m to 28.75m the rock becomes more gritty (quartz 2mm to 3mm) with the cleavage more anastomosing around the quartz eyes. The core also becomes very weakly chloritic in zones.
	21.90 : 22.00	0.5% pyrite in 2 1mm veinlets at 60° ca.
	24.50 : 24.60	0.5% disseminated pyrite.
	25.60 : 26.20	Fault (dry pug) at 25.95m with associated broken core.
	27.10	2mm quartz pyrite vein at 20° ca cutting the cleavage, dipping steeply to south-south-west.
	28.70 : 28.85	The rock adjacent to the contact is relatively unaffected. The porphyry has apparently included a sliver of sediment adjacent to the contact. The contact is sharp and unsheared at 70° ca.
28.85 : 53.35		QUARTZ FELDSPAR BIOTITE PORPHYRY, Grey green, moderately chloritic, weakly schistose Qfhp.
	30.60 : 30.62	20mm later stage quartz chlorite vein at 20° ca, dipping at around 60° to the north.
	30.85 : 31.20	Diffuse later stage quartz chlorite vein / zone with very minor disseminated pyrite.

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FROM :	TO	INCLUDING	DETAILS
53.35		31.50 : 31.90 32.60 : 32.70 32.70 : 32.90 33.20 : 33.30 35.10 : 35.15 35.20 : 35.23 35.50 : 35.85 37.65 : 38.55 39.90 : 40.10 41.10 : 41.12 51.75	Diffuse later-stage quartz chlorite vein. 2mm pyrite carbonate vein at 25° ca dipping steeply to the east. 20mm fibrous quartz chlorite vein at 15° ca dipping at around 30° to the east. 20mm fibrous quartz chlorite vein at 20° ca dipping shallowly to the east-north-east. Quartz chlorite vein. 25mm quartz tourmaline (?) vein at 40° ca. Silicified zone with no associated sulphides Fibrous quartz chlorite veins at 25° ca (with tourmaline ?) with a 10mm zone of minor disseminated pyrite at 38.55m. 3mm pyrite chlorite veins at 60° ca with associated blebs of chalcopyrite. 20mm chlorite vein at 40° ca cipping shallowly to the east. 2mm pyrite vein at 55° ca associated with strongly chloritic zones.  E.O.H.