

DEPTH (m)	ROCK UNIT	DESCRIPTION	DIP	MINERALISATION	NOTES
0.0 - 4.0	TRIGONE TO 4.0m - NO CORE.				
4.0 - 22.50	THINLY BEDDED SILTSTONES WITH QUARTZITES	Pale grey - brownish, bleached by weathering. Silt, thinly bedded clay rich siltstones in intervals to 1.5m alternating medium wood grey fine grained quartzites. Finely fractured at approx 40° LCA + small puggy zones to 1cm in the larger, more porphyritic fractures.	6°S Bedding 60° 10°S Bedding 60° 14°S Bedding 55° 17°S Bedding 60°		60-16.5 rare thin qtz. as matrix nodules in broken core. 16.5-22.5 sparse py+qtz (rarely coarsened) stringers and veinlets. py is pitted by weathering.
22.5 - 25.6	THINLY BEDDED SILTSTONES AND SLACK SHALES	Medium grey clay rich siltstones thinly interbedded with pale grey quartzite siltstones and very dark grey shaly beds. Most beds are less than 2cm, well bedded with discrete brecciated intervals to 20cm.	Gradual Change 22.6 Bedding 60°		22.5-25.6 py as thin bedded laminae with shaly beds; finely disseminated in some siltstone beds and as small irregular stringers.
25.6 - 60.0	QUARTZITES WITH THINLY BEDDED SILTSTONES	Hard, bluish grey quartzites as massive, brecciated, beds varying in thickness from 1-4m. The siltstones are clay rich and thinly bedded 1-2cm with rare shaly laminae < 5mm. Some sparse pale grey quartzite beds to 1cm. Overall, alternating intervals of siltstone in varying proportions divide the quartzite beds thicknesses 10cm to 2m. Well bedded, with only minor disruption and erosion but extensive later shearing - well jointed with occasional small puggy zones to 5cm at 30-70°	11/10 26.2 Bedding 40° 28.2 Bedding 55° 35.4 Bedding 70° 42.2 Bedding 40° 47.6 Bedding 70° 50.2 Bedding 65° 57.8 Bedding 65° 59.5 Bedding 85°		25.6-32.7 py, finely disseminated in quartzites and in thin irregular stringers with qtz. Some isolated qtz-py 'sweet spots' to 2x1cm. 32.7-60.0 As above, weathered - some brown Fe oxide films with clay along fractures.
60.0 - 74.6	THINLY BEDDED SILTSTONES, minor SHALES WITH QUARTZITES	As above, 25.6-60.0m, but siltstones (thinly bedded, with sparse shaly beds) greater than sandstones.	10/11/4 62.8 Bedding 45° 64.8 Bedding 65° 67.3 Bedding 55° 70.3 Bedding 75° 73.2 Bedding 60° Contact 70°		60.0-69.5 py, in thin veinlets and stringers and finely disseminated in quartzite beds, pitted and weathered with minor Fe oxide staining. 69.5-74.6 py as thin veinlets and stringers, disseminated in some sandy beds and as rare thin bedded laminae < 2mm in the more shaly sections.
74.6 - 82.6	QUARTZ FELSPAR PORPHYRY	74.6-82.6 Very fractured and broken - greyish - brownish or totally bleached pitted finely crystalline matrix with orange-brown limonitic Fe oxide bands surrounding fractures and the white totally bleached portions. Phenocrysts - Qtz - rounded turbid grains to 4mm, 15-20% Felspar - altered to hard brownish tope(?) up to 3mm. Variable concentrations - locally 10% average. 1-2%.	76.8 Bedding 80°		74.6-82.6 pitted py as distinct grains to 3mm, almost totally removed by weathering. Qtz-pyrite veins to 10mm at low angles to core. 78.1-79.5 strong trace, weathered black calcite to 2mm.
82.6 - 91.5	Inclusions of weathered puggy siltstone to 2m, with high core losses.		10/2 83.5 Quartzite - massive, vein, 30mm, @ 15° in broken core.		82.6-91.5 Minor qtz veins, pyrite almost totally removed by weathering.
91.5 - 93.1	Less fractured, but still highly weathered and pitted. Decrease in size and abundance of phenocrysts - Qtz - max 2mm, 7% Felspar - weathered, trace pitted white grains.		1 92.7 Qtz vein, 15mm, 20° Contact irregular, 55°		91.5-93.1 pitted py, with scattered quartz veins to 15mm and a trace black calcite in matrix, slab by pyrite.
93.1 - 112	THINLY BEDDED SILTSTONES, minor SHALES WITH QUARTZITES	Thinly bedded pale grey clay rich siltstones in some places finely greenish and scintillating with interbedded quartzite beds 0.5-0.7m. Some minor soft sediment disruption with later extensive shearing and minor faulting at low angles to core axis.	10/11/4 98.4 Bedding 20° 99.8 Bedding 65° 102.5 Bedding 65° 106.5 Bedding 45° 108.5 Bedding 75° 110.4 Bedding 60°		93.1-112 py - massive - in veinlets and stringers in small irregular vein zones.
112 - 115.4	MASSIVE QUARTZITES	Very hard bluish grey massive quartzites - individual beds to 2.0m divided by thin siltstone beds < 2cm. Well fractured and broken.	11 112.7 Bedding 65° 114.8 Bedding 70°		112-115.4 py-qtz veining with minor blebby disseminated py.
115.4 - 115.4m	END OF HOLE 115.4m				