

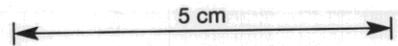
INTERVAL	DEPTH from-to : ROCK UNIT Depth : Description and notes indent at about 10mm	MINERALISATION	ASSAYS AVAILABLE	BULKED ASSAYS
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FOR ABBREVIATIONS SEE "FIELD GEOLOGIST'S MANUAL", D.A. BERKMAN & W.R. RYALL (ED), MONOGRAPH NO. 9 AUSTRALAS. INST. MIN. METALL. - 1976

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AFTER TYPING THIS SIZED FORM WILL BE PHOTO-REDUCED TO A4 SIZE

0-3.0	TRICONE TO 3.0m - NO CORE.			
3.0-27.36 (24.36)	3.0-27.36 SILTSTONES AND BLACK SHALES. dark grey clay rich siltstones and minor mid grey quartzose siltstones surrounded by irregular lenses and contorted beds of black shale and siltstone. Very brecciated - soft sediment disruption Well fractured - puggy fault zone 10-11 km	10/9/c F	20-27.26 py in thin stringers and veinlets and dissem in some siltstone beds. Weak qtz-carbonate-py veining. TOTAL 3%	
27.36-53.00	27.36-53.00 QUARTZ FELSPAR PORPHYRY. Matrix grey and finely crystalline, greyish cream near margins Qtz - rounded grains to 6 mm, mostly 1-3 mm 10% Felspar - soft, white, and weathered, some well formed grains to 6.3 mm, mostly 2-3 mm, 15% Finely fractured and quite weak (easily broken in places), weathered.		27.36-31.9 py, trace fluorite, sp, 2% 31.9-49.1 trace sp, fluorite, rare qtz-carbonate-fluorite veining. 49.1-53.0 py, trace sp, fluorite and ? tourmaline 2-3%	Contact 45°
53.00-60.3 (7.3m)	53.00-60.3 SILTSTONES, MINOR SANDSTONES dark grey siltstones with concretion beds to 20cm. Brecciated	10/11/15	53.0-60.3 py, qtz-carbonate-fluorite-sp - separate in veins and stringers to 20cm TOTAL 3-5%	Gradual Change
60.3-73.0 (12.7m)	60.3-73.0 SILTSTONES AND BLACK SHALES As for 0-27.36	10/9/c	60.3-73 decrease in detritic veining, py dissem in siltstones and as thin stringers 2-3%	
73.0-88.0 (15.0m)	73.0-88.0 SILTSTONES AND BLACK SHALES WITH SANDSTONES Thinly bedded, brecciated siltstones and black shales with hard bluish grey quartzite beds up to 1.5 m thick. Some quartzites are weakly micaceous. Well fractured and broken.	10/11/9/c	73-88 py, marcasite, dissem and in stringers and veinlets ± qtz, carbonate, 3-5%.	Gradual Change
88.0-97.8 (9.8m)	88.0-97.8 QUARTZITES AND SILTSTONES. As for 73.0-88.0, but quartzites > siltstones	11/10/c	88-97.8 py, dissem in quartzites and veinlets, stringers as above 2-3%	Gradual Change
97.8-133.0	97.8-133.0 SILTSTONES AND BLACK SHALES. 97.8-103.5 As for 0-27.36. 103.5-120 SILTSTONES, FINELY LAMINATED. Dark grey, clay rich. Brecciated, finely bedded (< 2mm) with rare thin qtzose siltstones to 5mm and very thin black shale laminae.	10/9/c 10	97.8-120 py increases to 3-5%	Gradual Change
120-133.0	120-133.0 As for 0-27.36.	10/9/c	120-133 py as thin veinlets and dissem, sparse blebs and stringers qtz, carbonate, minor veining 2%	Gradual Change
133.0-155.97	133.0-155.97 SILTSTONES AND BLACK SHALES WITH SANDSTONES. As for 73.0-88.0	10/11/9/c	133-150.6 py, trace po, as blebs and dissem. Minor alk-py-po-fluorite-carbonate-sp-cp veining. 5% 0.5m vein as described at 149.9-150.6, 30°	149.9-150.6 qv, 30°
155.97-156.5	155.97-156.5 DOLOMITE, RECRYSTALLISED	9v 3	150.6-155.97 py, marcasite, trace po, much veining. total 7% 155.97-156.5 fluorite, sp, 7% cassiterite 10-15%	Contact 80°(?)
156.5-181.0 (24.5)	156.5-181.0 SILTSTONES, MINOR SANDSTONES Very brecciated, thinly bedded siltstones, some carbonaceous with dark grey, sometimes weakly micaceous, sandstones to 30cm	10/6/11/5	156.5-170.2 py dissem and in veins with fluorite, detritic qtz-py-po-sp-marcasite. Abundance & vein thickness decreases with depth. 5-7% 170.2-181.0 - py, dissem and minor veining as above. 2-3%	Contact 25°
181.0-190.9 (9.9m)	181.0-190.9 SILTSTONES, finely laminated. As for 103.5-120	10/c	181.0-190.9 py, finely dissem and in veinlets with qtz. 2.1%	Gradual Change
190.9-201.1 (10.2)	190.9-201.1 SILTSTONES with BLACK SHALES. As for 0-27.36	10/9/c	190.9-201.1 py, dissem in siltstones 1-2%	
201.1-208.5 (7.4m)	201.1-208.5 SILTSTONES, finely laminated. As for 103.5-120, but only minor disruption and contortion of beds.	10	201.1-208.5 py, very finely dissem and as thin laminae and blebs to 2x1cm 3%	
208.5-210.9	208.5-210.9 TUFFS, SANDSTONES and SILTSTONES.	12/11/9/c	208.5-210.9 py, dissem in tuffs and siltstones, 3%	
210.9-218.9 (8.0m)	210.9-218.9 SILTSTONES, SANDSTONES, MINOR BLACK SHALES Well bedded thin siltstone and shale (< 2cm) in intervals to 1m with pale grey sandstones to 20cm.	10/11/9/c	210.9-218.9 py, dissem and in sparse qtz, carbonate stringers. 1-2%.	
218.9-224.2 (5.3)	218.9-224.2 TUFF with SANDSTONES and SILTSTONES Coarse grained tuff, grades into sandstones, separated by siltstones	12/11/10	218.9-224.2 py, with qtz, py, marcasite stringers, 10%.	
224.2-249.0	224.2-249.0 SILTSTONES and BLACK SHALES with SANDSTONES As for 210.9-218.9, minor faulting, well bedded with only minor contortion. Sandstone content decreases 239-249 (Ech)	10/11/9/c	224.2-249 py, dissem, along bedding, some thin bedded laminae, carbonate-py-sp marcasite veining. TOTAL 5%.	



END OF HOLE 249.0 m