



DEPTH from TO: ROCK UNIT	STRUCTURAL AND VEIN INFORMATION	MINERALISATION	NOTES
0-12.8 No Core			
12.8-51.2 <b>DOLomite</b> (38.4) Pale grey/white/cream Generally monotonous and massive, occasionally mottled and spotty appearance due to partial recrystallization. Rare small patches of total recrystallization. Some dark grey dolomitic veining Rare stringers (py) and veins (fluorite)		py, po, sp, fluorite Rare thin py stringers. Rare py, po, sp disseminated Rare fluorite veins to 2mm	
33.1-33.8: Recrystallized Dolomite with trace cassiterite			
38.0-44.0: Pale grey/white massive dolomite	37.2-37.8: 10mm thin fluorite veins with py on edges 37.6: 15mm vein, sp 44.6: 10mm vein, 30% fluorite		
51.2-65.4 <b>DOLomite SULPHIDE LODe</b> (14.2) 51.2-55.1: 50% apple to dark green? fluorite rich serpentinite - very hard, 30% cream/white carbonate and 20% pyrochloite. Irregularly banded, partly mottled 55.1-56.9: 60% cream carbonate/quartz, 35% bronze pyrochloite, 5% pyrite. Irregularly and discontinuously banded 56.9-61.7: 50% cream carbonate/quartz, 25% apple to dark green? fluorite rich serpentinite - very hard, 25% pyrochloite. Irregularly and discontinuously banded, some mottled zones	7/8/4 8/4 8/7/4	po minor py, fluorite in discontinuous disseminated bands 20% 35% po, 5% py, trace cassiterite crystals to 2mm, discontinuously banded 40% po minor py, fluorite irregularly banded, some mottled 25%	
Gradual change to 61.7-62.4: 40% carbonate/quartz, 40% green? fluorite rich serpentinite, 15% pyrochloite, 5% green talc. Banded and mottled as above 62.4-64.0: 60% cream talc, 30% cream/white quartz carbonate, 5% pyrite, 5% pyrochloite. Mottled appearance 64.0-65.4: Massive black serpentinite, minor quartz/carbonate especially in stringers and veins, minor green talc	8/7 6/8 7	po minor fluorite irregularly banded, some mottled 15% py and po mottled 10% py and po disseminated, in stringers and veins 5%	
65.4-67.4 <b>DOLomite SULPHIDE LODe and SILTSTONE</b> (2.0) 50% black serpentinite, 50% pale grey/green siltstone grading into each other with no distinct boundaries. Some carbonate/quartz mostly in veins and stringers	7/10	py po in veins and stringers, disseminated 5%	
67.4-69.9 <b>DOLomite SULPHIDE LODe</b> (2.5) 67.4-68.1: 40% pyrite, 40% quartz, 20% carbonate 68.1-69.9: 60% pyrite, 40% quartz/carbonate with minor dark green talc. Virtually massive pyrite with disseminated quartz/carbonate	5/8	67.4-68.1: Decomposed and broken core 69.9: Contact 20° py massive 40% py minor po massive 60%	
69.9-71.8 <b>SILTSTONE and QUARTZITE</b> (1.9) Pale to medium grey Poorly bedded, disrupted Rare quartz veins	10/11	po and py disseminated 1-2%	
71.8-93.7 <b>SILTSTONE and SILTY SHALE</b> (21.9) Pale to medium grey, slightly greenish Occasional patches of quartzite Poorly bedded, disrupted, minor brecciation Occasional quartz veins	10/9	po and py disseminated and in blebs 1-2%	
92.5-93.7: well bedded			
93.7-94.2 <b>TUFF</b> Pale grey silty tuff with numerous white veins and grey fragments to low spotty appearance	12		
94.2-97.5 <b>SILTSTONE LESS SILTY SHALE</b> (3.3) Pale grey Well bedded, only minor disruption Rare thin pyrite veins Some thin carbonate stringers	10/9	46.2: Contact obscure: 10°? Bedding 75° 97.5: Contact 65° po and py as blebs, in py veins, rarely disseminated 1%	
97.5-97.7 <b>TUFF</b> as for 93.7-94.2	12		
97.7-98.4 <b>SILTSTONE LESS SILTY SHALE</b> Pale cream, moderately bedded, folded, disrupted	10/9	97.7: Contact 40° po and py in blebs 1%	
98.4-99.2 <b>TUFF</b> as for 93.7-94.2 but some yellow fragments. Fragments up to 2mm	12	98.4: Contact irregular 60° 99.2: Contact 60° py disseminated 1-2%	
99.2-104.2 <b>SILTSTONE LESS SILTY SHALE</b> (5.0) Pale grey Well bedded, some disruption and folding Rare quartz veins Numerous carbonate/pyrochloite stringers	10/9	Bedding 65° po py fairly disseminated along bedding, in stringers mostly along bedding. py in blebs and veins 5% po py fairly disseminated along bedding, in stringers mostly along bedding. py in blebs and veins 1%	
END OF HOLE 104.2m			