

CRA Exploration Pty. Limited - Diamond drill core log			Hole No: DD97BC10	
Tenement: EL 4/94, Tasmania		Map Ref.: SK 5503, Burnie		
Collar R.L.: 200m		Co-ordinates: 354416E, 5357460N		Hole Orientation: 65° towards 060
				Logged by: TJG
From	To	Geological Description	Special Features	Core Orientation
2.5	4.1	Laminated chloritic schist. Cleavage sub-parallel to laminations. Quite broken in parts.	Lamination/cleavage @ 0 to 5° to LCA.	
4.1	4.8	Bleached, greasy, intensely clay-altered zone. Cleavage slightly irregular.	Cleavage @ 20° to LCA.	
4.8	15.6	Laminated chlorite-altered schist. Initially cleavage sub-parallel to bedding until around 11.7m, where bedding steepens and there is some folding about cleavage. Unit becoming more bleached with depth with fine-grained elongate porphyroblasts evident.	Lamination/cleavage @ 25 to 30° to LCA. Cross-bedding @ 11.9m indicates young up-core. Consistent @ 12.4.	
15.6	23.5	Chloritic laminated schist. Crystalline pyrite evident initially also in veins associated with Si-dolomite. Disruption to orientation of lamination associated with soft-sediment deformation. Around 18.3m fine-grained porphyroblasts common.	Cleavage @ 20° to LCA.	
23.5	44.5	Grey slightly wavy, laminated schist. Initially green, strongly chlorite-altered laminated schist. Crystalline pyrite around 36m associated with Si veining. Occasional dolomite veins evident. @ 38.9m non-laminated ?coarser porphyroidal unit for 70cm.	Cleavage @ 20° to LCA, and lamination @ 15°.	
44.5	47.5	More coherent slightly bleached and less cleaved unit.	Cleavage @ 45° to LCA, lamination @ 30° to LCA. Some microfolding about cleavage evident. No convincing younging evidence.	
47.5	56	Laminated, cleaved, grey chloritic siltstone. Lamination sub-parallel to cleavage above 49.5m. Below this banding disrupted with some minor shearing evident along cleavage planes. Minor Si + dolomite veining	Above 49.5m cleavage/lamination @ 30° to LCA. Below this cleavage @ 25° to LCA, with the aiation @ 20°.	
56	59.3	Chloritic, "soapy" unit. Planar laminations sub-parallel to cleavage. Occasional pyrite clasts as well as minor Si veining. One 3cm dolomite + sulphide vein sub-parallel to cleavage.	Cleavage/lamination @ 15° to LCA.	
59.3	60.5	Much less laminated, monotonous unit. Rare pyrite.	Cleavage @ 30° to LCA.	

60.5	75.8	Chloritic metasiltstone. Laminated with sub-parallel cleavage. Initially lamination wavy. Becoming increasingly pyritic around 67.5m with several large clasts and 5m veinlets. Bleached chloritic soapy zone @ 71.2m with minor cassiterite.	Cleavage @ 30° to LCA.	
75.8	77.5	Clay-altered puggy breccia zone. Fragmented grey schist. Minor pyrite and some small rounded quartz pebbles.		
77.5	79.7	Greenish-grey schist. Brecciated between 78 and 79m. Some core loss.	Cleavage @ 50° above breccia zone and @ 40° to LCA below.	
79.7	82.1	Clay breccia zone (fault) washed-out. @ 81m greenish fragmented schist with minor pyrite.		
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