

AGE	GROUP	FORMATION	DEPTH 0	MAIN COAL SEAMS
TERTIARY		Plastic clay, sandy interbeds		
TRIASSIC		<b>REWAN FORMATION</b> Green sandstone purple mudstone	100	
LATE PERMIAN	BLACKWATER GROUP	<b>RANGAL COAL MEASURES</b> Mudstone carbonaceous mudstone feldspathic and lithic labile sandstone calcareous sandstone, shale, coal	200	Roper seam Middlemount seam Tralee seam
		<b>BURNGROVE FORMATION</b> Lithic crystal tuff, Tuffaceous claystone, lithic sandstone interbedded coal, igneous intrusions siliceous mudstone	300	Pisces Seam Yarrabee Tuff Girrah seam Group Girrah Tuff Libra seam Leo seam
			400	Aquarius seam
		<b>FAIR HILL FORMATION</b> Lithic and feldspathic labile sandstone with minor siltstone, mudstone and sub-economic, interbedded with muddy coal seams, volcanic conglomerate	500	Scorpio seam Centaur seam Phoenix seam Pegasus seam
			600	Hercules seam Canis seam Lepus seam
				Fairhill seam
		<b>MACMILLIAN FORMATION</b> Mudstone grey siltstone. Fine to medium grained sandstone in the east, mudstone, shale. Marine fossils	700	
		<b>GERMAN CREEK FORMATION</b> UPPER MEMBER Sandstone with minor siltstone and mudstone, coking coal seams sometimes replaced by felsic Intermediate sills	800	Pleiades seam Aquila seam Tieri seam Corvus (i) Seam Corvus (ii) Seam German Creek Seam German Creek Lower Seam
		LOWER MEMBER Sandstone with minor siltstone and mudstone, Minor conglomeratic bands One marine fossil horizon Numerous plant fossils	900	Bundoora seam
		<b>INGELARA FORMATION</b> Mudstone and conglomeratic siltstone, with minor fine sandstone, Marine fossils	1000	
MIDDLE PERMIAN	BACK CREEK GROUP	<b>FORMATION</b> Mudstone, siltstone and minor sublabe sandstone, rare thin coal	1100	Cygnus seam