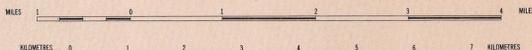


GEOLOGY OF THE COAL RIVER BASIN

D.E. LEAMAN B.Sc. (Hons) Ph.D.



SCALE 1 MILE TO 1 INCH
Contour interval 20 metres



REFERENCE

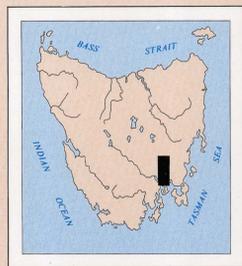
CAINOZOIC			
QUATERNARY	Q _{nd}	Dune and windblown sand.	
	Q _a	Alluvial deposits, including younger gravel marsh and swamp deposits.	
	Q _g	Older gravel.	
	Q _{sc}	Dolerite scree.	
	Q _{tl}	Dolerite talus.	
	Q _{br}	Basalt talus.	
PERMIAN	P _{st}	Permian siltstone talus	
TERTIARY	T _s	Predominantly sub basalt silt and fine sand, with lignite bearing material stippled	
MESOZOIC	TRIASSIC	T _u	Upper Triassic lithic arkose and lutite, coal bearing, undifferentiated
		T _m	Predominantly massive quartz mudstone, minor quartz sandstone, occasional beds of lithic sandstone, coal
		T _l	Dominantly medium and fine quartz sandstone, minor mudstone. Much mica and graphite on bedding contains 10% feldspar and clay pellet lenses (indicated).
		T _g	Dominantly medium-coarse quartz sandstone with minor mudstone minor mica, feldspar content, contains clay pellet beds.
PALAEOZOIC	PERMIAN	P _{cm}	Cygnet Coal Measures (including quartz arkose, carbonaceous mudstone, rocks containing carbonaceous fragments)
		P _f	Ferntree Group of unfossiliferous quartz siltstone including observed Risdon sandstone and correlates at base (marker horizon indicated).
		P _m	Malbina Formation (quartz sandstone and siltstone, fossiliferous in upper and lower members only.)
PERMIAN	P _c	Cascades Group of fossiliferous beds dominantly mudstone and siltstone with Berridale Limestone indicated where present.	

Igneous Rocks

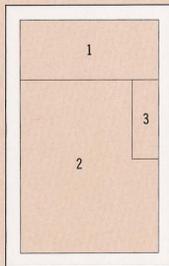
T _b	Tertiary basalt.
J _d	Jurassic dolerite with granophyres stippled.

—	Geological boundary - observed
- - -	Geological boundary - position approximate.
· · · · ·	Geological boundary - inferred.
—	Airphoto linear.
—	Strike and dip of beds.
—	Horizontal bedding.
—	Fault - exposed (dowthrown side indicated).
—	Fault - position approximate. (dowthrown side indicated).
—	Fault - position inferred and concealed (dowthrown side indicated).
—	Fault - position probable and concealed (dowthrown side indicated).
—	Faulted igneous boundary position approximate.
—	Landslip
⊙	Macro fossil locality
⊙	Plant fossil locality
⊙	Volcanic centres.
◆	Position where known of dolerite feeder axis or feeder dyke as indicated by gravitational anomaly, with thickness of cover, in metres if concealed.

LOCALITY MAP



RELIABILITY MAP



Base map sources -
1. Forestry Commission 1" - 2 miles (1944)
2. Lands and Survey Dept. (Derwent - D'Entrecasteaux photography 1966)
3. Australian Survey Corps 1944