Stratigraphic column (left)

QUATERNARY

LAUNCESTON BEDS — TERTIARY:
- PLIOCENE
- MIOCENE
- EOCENE-OLIGOCENE

JURASSIC

TRIASSIC

PARMEENER SUPERGROUP — PERMIAN:
- UPPER MARINE SEQUENCE
- LOWER MARINE SEQUENCE

Columns: 1, 2
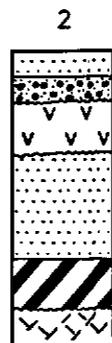
Stratigraphic Name	Lithological Description	Prospective Area in EL 20/80	Thickness Range
Alluvium			
Upper Zone	Gravel, boulder beds		
— Unconformity			
— Disconformity	Alkali – Olivine basalts		Up to 60m
Middle Zone	Clay, Silt, Sand Brown Coal and Oil Shale	Loatta, Pipers Lagoons and Selbourne Deposits	0–1,000m
Lower Zone		Breadalbane Lignite	
— Unconformity			
Dolerite Intrusion	Medium to course grained, tholeiitic dolerite		0–305m
Fingal or Newtown Coal Measures	Feldspathic Sandstone Black coal Seams	Longford Coal Field Norwich and Pateena Mines	0–200m
Knocklofty or Ross Sandstone	Quartzose Sandstone		60–100m
Cygnet Coal Measures Jackey Formation	Carbonaceous Sandstone and Shale with Plant Fragments,	thin coal seams	less than 45m
Unconformity			
Bogan Gap Group	Predominantly unfossiliferous mudstone		up to 200m
Poatina Group	Fossiliferous Mudstone and Sandstone		40–100m
Mersey Coal Measures Liffey Group	Carbonaceous Quartz-Mica Sandstone and Shale, thin coal seams		30–49m
Golden Valley Group	Unfossiliferous erratic rich mudstone, shale limestone and sandstone		45–60m
Quamby Mudstone	Unfossiliferous, dark grey pyritic mudstone. Includes Tasmanite Oil Shales of Railton-Latrobe Area		75–120m
Stockers Tillite	Tillite and erratic rich mudstone		0–140m
Unconformity			
Basement — Silurian	Turbidite sequences, dominately shale and siltstone		
Ordovician	Siliceous conglomerate		
Cambrian	Turbidite sequences containing quartzite		
Precambrian	Quartzite		

Note: Column 2 after Johnson 1873 only applies to Stratigraphy of Launceston Area

Compiled from information contained in Mathews (1974).

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