
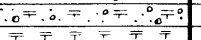
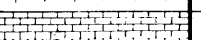
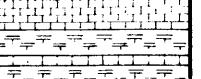
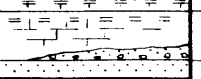

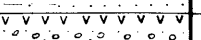
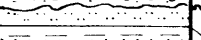
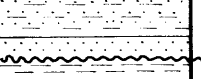
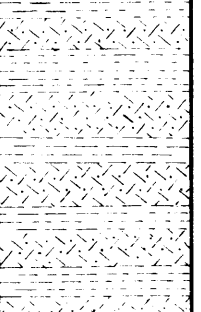
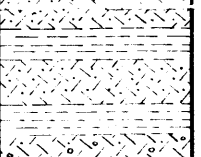

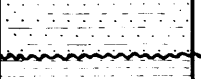
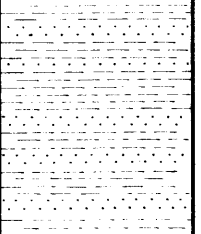
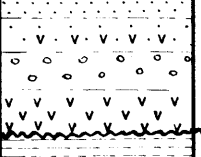
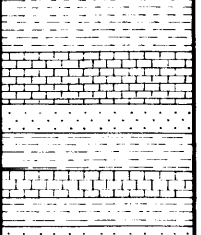
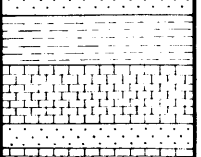
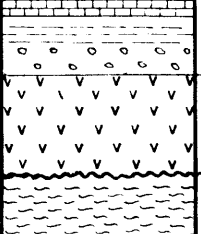
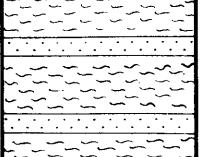
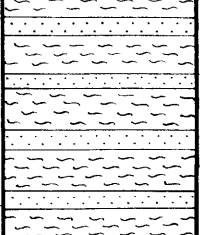
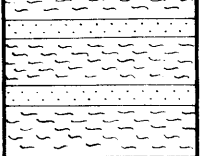
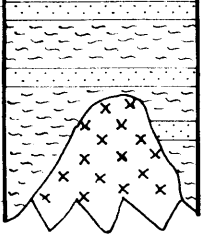
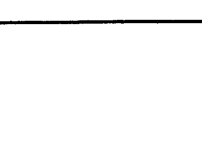
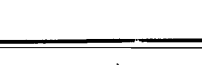



GENERALISED STRATIGRAPHIC COLUMN GIPPSLAND BASIN

SCALE: 1" = 2000'

MERRIMAN - 1

AGGREGATE THICKNESS	LITHOLOGY	NAME	DESCRIPTION	UNIT THICKNESS	AGE	
		Haunted Hills Gravels and/or Lake Wellington Fm	Sand, gravel and clay	0 - 400'	TERTIARY	U. PLEISTOCENE to PLEISTOCENE
		Jemmy's Point Formation	Shelly sand and marl	100- 1000'		L. PLEISTOCENE
		Tambo River Formation	Shelly marl	20- 250'		U. MIOCENE
2,000'		Gippsland Limestone	Limestone and marl	500- 1650'	TERTIARY	MIOCENE
		Lakes Entrance Formation	Shale, clay and marl - Greensand Member and Colquhoun Gravel at base	200- 776'		OLIGOCENE
4,000'		Lalrobe Valley Coal Measures	Sand, brown coal, clay and gravel	0 - 2500'	TERTIARY	L. OLIGOCENE to U. EOCENE
		Narracan Group	Basalt, gravel, coal	0 - 400'		EOCENE
		Marine Cretaceous? Holland's Landing Bore only	Siltstone - mudstone	Unknown - probably very thin		L. CRETACEOUS
6,000'		Strzelecki Group? seen only in Merriman No. 1	Shale, mudstone and porous sand	0 - 650'	MESOZOIC	L. CRETACEOUS to U. JURASSIC
		Strzelecki Group	Monotonous sequence of shale, mudstone, graywacke, sub-graywacke, thin coal beds and minor conglomerate	0 - 20,000' Missing in northern part of basin 490' in Duck Bay No. 1 8236' in Wellington Park No. 1		
		Un-named, seen only in Duck Bay No. 1	Volcanics	10,000 - 20,000' estimated in Strzelecki Ranges		
10,000'		Un-named, seen only in Duck Bay No. 1	Argillaceous, fine grained sandstones	325' in Duck Bay No. 1	MESOZOIC	PERMIAN?
		Un-named, seen only in Duck Bay No. 1	Volcanics	624' in Duck Bay No. 1		L. PERMIAN?
12,000'		Avon River Group or Iguana Creek Beds	Red and green shale, sandstone, siltstone and conglomerate with volcanics in basal part	0 - 10,000' 2398' in Southwest Bairnsdale No. 1	MESOZOIC	L. CARBONIFEROUS to U. DEVONIAN
		Tabberabbera Beds, Buchan Group and Waratah Bay Limestones	Limestone, dolomite, siltstone and shale with basal conglomerate. Bioherms in Buchan Group	5000'+ at Tabberabbera 2500'± at Buchan		
14,000'		Tabberabbera Beds, Buchan Group and Waratah Bay Limestones	Limestone, dolomite, siltstone and shale with basal conglomerate. Bioherms in Buchan Group	5000'+ at Tabberabbera 2500'± at Buchan	MESOZOIC	MIDDLE DEVONIAN
		Tabberabbera Beds, Buchan Group and Waratah Bay Limestones	Limestone, dolomite, siltstone and shale with basal conglomerate. Bioherms in Buchan Group	5000'+ at Tabberabbera 2500'± at Buchan		
16,000'		Tabberabbera Beds, Buchan Group and Waratah Bay Limestones	Limestone, dolomite, siltstone and shale with basal conglomerate. Bioherms in Buchan Group	5000'+ at Tabberabbera 2500'± at Buchan	MESOZOIC	MIDDLE DEVONIAN
		Tabberabbera Beds, Buchan Group and Waratah Bay Limestones	Limestone, dolomite, siltstone and shale with basal conglomerate. Bioherms in Buchan Group	5000'+ at Tabberabbera 2500'± at Buchan		
18,000'		Tabberabbera Beds, Buchan Group and Waratah Bay Limestones	Limestone, dolomite, siltstone and shale with basal conglomerate. Bioherms in Buchan Group	5000'+ at Tabberabbera 2500'± at Buchan	MESOZOIC	MIDDLE DEVONIAN
		Tabberabbera Beds, Buchan Group and Waratah Bay Limestones	Limestone, dolomite, siltstone and shale with basal conglomerate. Bioherms in Buchan Group	5000'+ at Tabberabbera 2500'± at Buchan		
20,000'		Tabberabbera Beds, Buchan Group and Waratah Bay Limestones	Limestone, dolomite, siltstone and shale with basal conglomerate. Bioherms in Buchan Group	5000'+ at Tabberabbera 2500'± at Buchan	MESOZOIC	MIDDLE DEVONIAN
		Tabberabbera Beds, Buchan Group and Waratah Bay Limestones	Limestone, dolomite, siltstone and shale with basal conglomerate. Bioherms in Buchan Group	5000'+ at Tabberabbera 2500'± at Buchan		
22,000'		Snowy River Volcanics	Flows and pyroclastics	0 - 2500'	PALAEOZOIC	MIDDLE to LOWER DEVONIAN
		Snowy River Volcanics	Flows and pyroclastics	0 - 2500'		
24,000'		Basement	Strongly folded slate, shale, sandstone and quartzite with quartz veins. Intruded by granite and other igneous rocks.	30,000'+	PALAEOZOIC	SILURIAN and ORDOVICIAN
		Basement	Strongly folded slate, shale, sandstone and quartzite with quartz veins. Intruded by granite and other igneous rocks.	30,000'+		Undifferentiated
26,000'		Basement	Strongly folded slate, shale, sandstone and quartzite with quartz veins. Intruded by granite and other igneous rocks.	30,000'+	PALAEOZOIC	SILURIAN and ORDOVICIAN
		Basement	Strongly folded slate, shale, sandstone and quartzite with quartz veins. Intruded by granite and other igneous rocks.	30,000'+		Undifferentiated
28,000'		Basement	Strongly folded slate, shale, sandstone and quartzite with quartz veins. Intruded by granite and other igneous rocks.	30,000'+	PALAEOZOIC	SILURIAN and ORDOVICIAN
		Basement	Strongly folded slate, shale, sandstone and quartzite with quartz veins. Intruded by granite and other igneous rocks.	30,000'+		Undifferentiated
30,000'		Basement	Strongly folded slate, shale, sandstone and quartzite with quartz veins. Intruded by granite and other igneous rocks.	30,000'+	PALAEOZOIC	SILURIAN and ORDOVICIAN
		Basement	Strongly folded slate, shale, sandstone and quartzite with quartz veins. Intruded by granite and other igneous rocks.	30,000'+		Undifferentiated