

COMPREHENSIVE REFERENCE FOR TASMANIA

- HOLOCENE** Alluvium, sand, gravel and silt.
- PLEISTOCENE** Till, fluvio-glacial, periglacial and associated deposits. Erosional surface.
- TERTIARY** Non-marine sequence (light); marine (medium dark); basalt and related igneous rock types (orange).
- TRIASSIC** Low angle unconformity.
- PERMIAN** Fluvio-lacustrine sequence of sandstone, siltstone, mudstone (light) with carbonaceous sequence indicated (dark).
- UPPER CARBONIFEROUS** Fresh water sequence with some coal measures. Upper glacio-marine sequence of pebbly mudstone, pebbly sandstone and limestone. Lower glacio-marine sequence of pebbly mudstone, pebbly sandstone, minor limestone. Tamarite oil shale and basalt tillite.

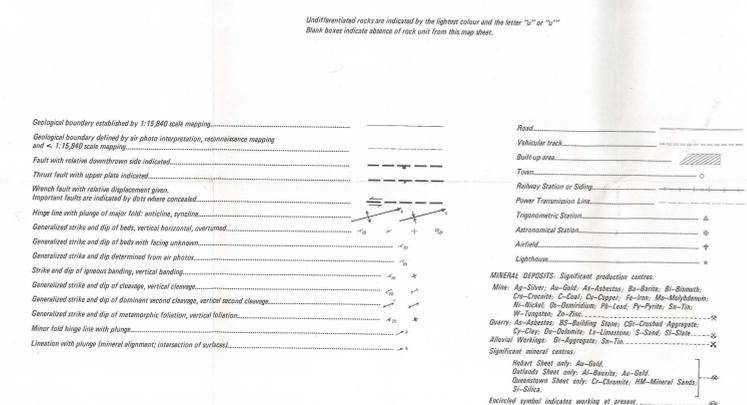
WESTERN TASMANIA

- UPPER-MIDDLE DEVONIAN** Terrestrial cavern fillings.
- LOWER DEVONIAN-SILURIAN** Unconformity attributed to Tabberabreen Drapery. Some quartz sandstone sequences (dark) and siltstone-shale sequences (light) indicated. Devonian limestone-siltstone (horizontally lined over-print).
- ORDOVICIAN** Limestone sequence with siltstone in some areas. Siliceous terrestrial conglomerate, marine quartz sandstone and siltstone. Unconformity in northern Tasmania and parts of western Tasmania attributed to Cambrian unconformity apparent conformity in Adamsfield region and parts of western Tasmania.
- CAMBRIAN** Middle-Upper Cambrian facies (usually greywacke turbidite associated horizontally lined over-print); acid with intermediate volcanic and associated rocks (medium dark); and basalt with basaltic tuffaceous Upper Cambrian shallow water deposits (horizontally lined over-print); basic-intermediate volcanic and associated rocks (diagonally lined over-print); probably Cambrian unfossiliferous quartzite sequence (light); probably Cambrian unfossiliferous quartzite sequence (horizontally lined over-print).
- PRECAMBRIAN** Usually unconformity attributed to Pangaea Drapery but apparent conformity at Smithton and Plover River. Comparatively unmetamorphosed sequence. Mudstone-sandstone sequence (light) - dominantly mudstone (light), dominantly quartzite (dark), quartzite turbidite succession (horizontally lined over-print); conglomerate (large size over-print); dolomite (horizontally lined over-print); basalt (vertically lined over-print).

- EUGENAGA BEDS**
- ELDON GROUP AND CORRELATES; SPERO BAY GROUP**
- JUNEE GROUP AND CORRELATES**
- LOWER DEVONIAN-TREMADOCCIAN-CAMBRIAN (?)**
- INCLUDING DUNDAS GROUP (fossiliferous); MT READ VOLCANICS AND OTHER FORMATIONS**
- MATHINNA BEDS**

IGNEOUS ROCKS

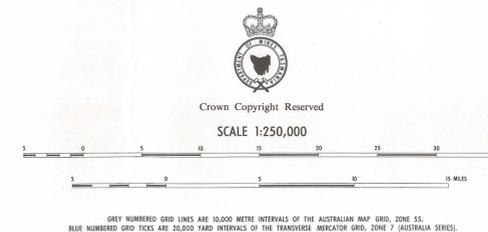
- TERTIARY** Basalt and related rock types.
- CRETACEOUS** Syenite, Apophite.
- JURASSIC** Dolerite and related rock types.
- LOWER CARBONIFEROUS-UPPER DEVONIAN** Dominantly adamellite-granite; biotite-hypersthene-adamellite porphyry (diagonally lined over-print); Dominantly granodiorite; Dominantly diorite.
- CAMBRIAN** Granitic rocks; Coarser grained basic rocks; Serpentine, peridotite and associated rocks; Acid with intermediate volcanic and associated rocks; Basic-intermediate volcanic and associated rocks.
- PRECAMBRIAN** Granite; Diorite.



Geological compilation by P. R. WILLIAMS B.Sc. (Hons),  
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Base map redrawn from "Port Davey" Sheet of Tasmania 1:250,000 series (1963) produced by Lands Department, Hobart.  
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Published 1977.

UNIVERSAL GRID REFERENCE

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