



QUATERNARY-TERTIARY

- Glacial and fluvial deposits, minor limestone
- Basalt

CRETACEOUS

- Conglomerate, Sandstone
- Syenite / Appinite

JURASSIC

- Dolerite

TRIASSIC - LATE CARBONIFEROUS

- Glacial, marine, freshwater sequences (oil shale, coal measures)
- Parmeener Super-Group

MIDDLE - LATE DEVONIAN

- Altered Granite
- Granite / Adamellite
- Granodiorite
- Porphyrite (St Marys Porphyrite)

MIDDLE DEVONIAN

- Speleologic deposits

EARLY DEVONIAN/ORDOVICIAN (E.Tas)

- Quartzwacke, mudstone (Mathinna Beds)

EARLY DEVONIAN - SILURIAN (W.Tas.)

- Quartz sandstone, mudstone, minor limestone (Eldon Group)

ORDOVICIAN (- LATE CAMBRIAN) (W.Tas.)

- Limestone, mudstone (Gordon Limestone)
- Quartz sandstone
- Siliciclastic conglomerate, sandstone (Owen Conglomerate)

CAMBRIAN - EOCAMBRIAN

- Conglomerate, sandstone, Volcanic-volcaniclastic sequences (Tyndall Group)
- Mainly felsic volcanics with associated granitoids (Mt Read Volcanics)
- Mudstone, greywacke, turbiditic conglomerate (Dundas Group)
- Mudstone, greywacke with tholeiitic basalt and minor limestone (Crimson Creek Formation)
- Sandstone, mudstone, dolomite (Success Creek Group)
- Serpentinized ultramafic complex
- Dolerite - gabbro

PROTEROZOIC

- Sandstone, mudstone with basalt and dolomite/magnesite (Rocky Cape region)
- Quartzite, schist - metamorphosed Precambrian (Tyennan region)
- Granite / Adamellite

Transitional, intrusive boundary

Unconformity

Erosional surface

Fault

MINERAL DEPOSITS

Alluvial, eluvial

Veins

Skarn, replacement

Massive sulphide/oxide

Disseminated (greisen and volcanogenic)

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202