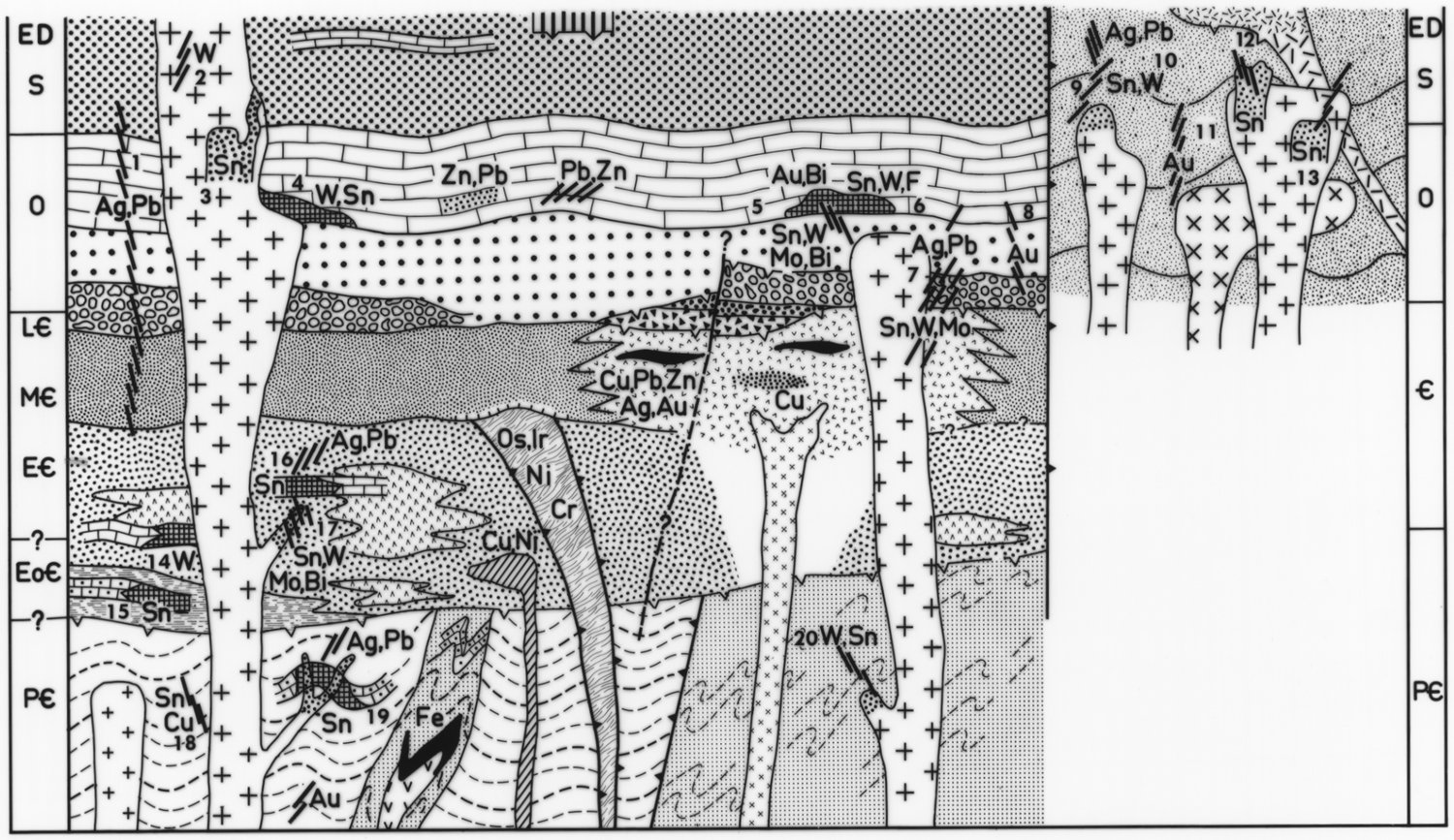

5 cm

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 Bed's)*

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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