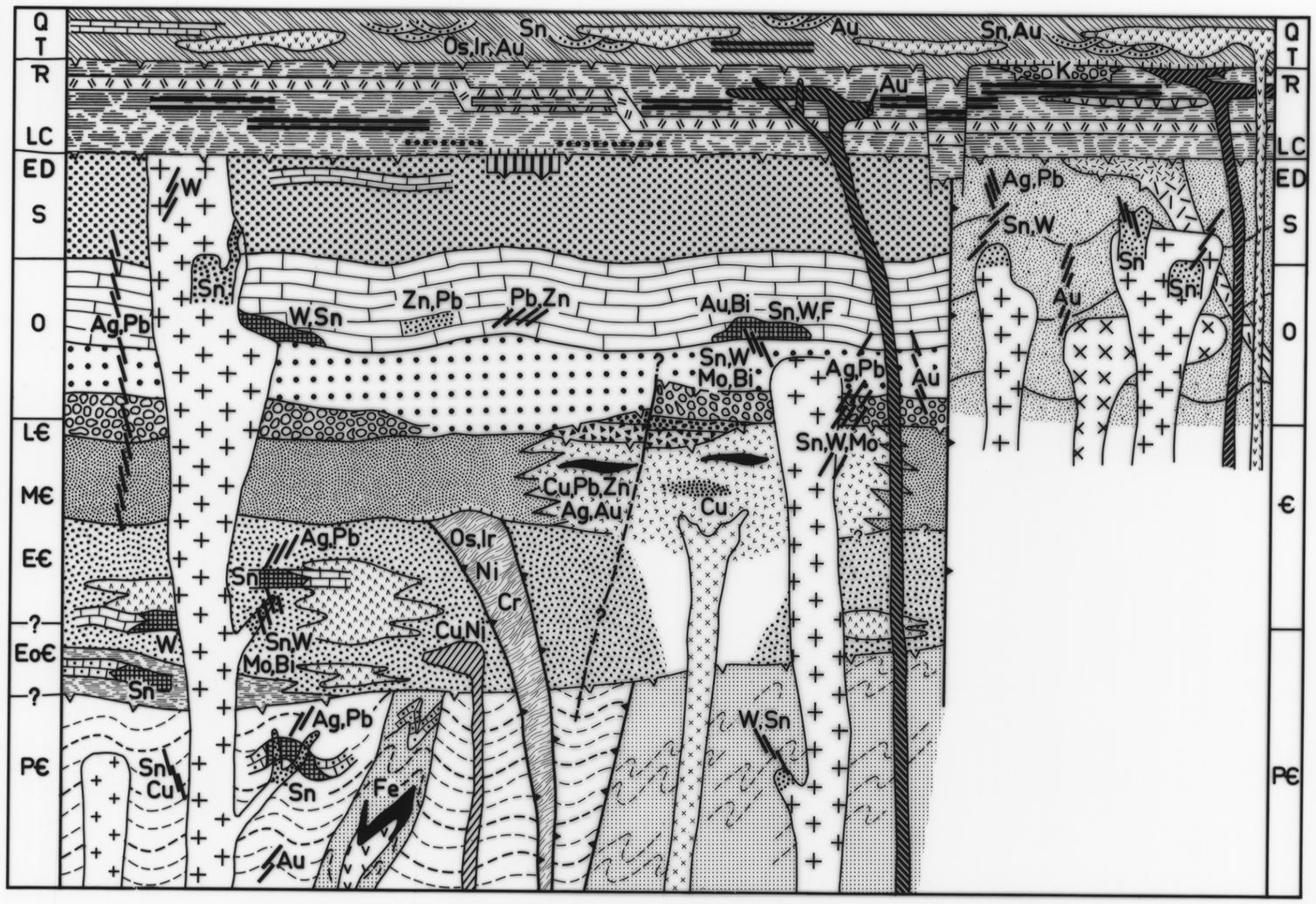

QUATERNARY–TERTIARY

- 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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