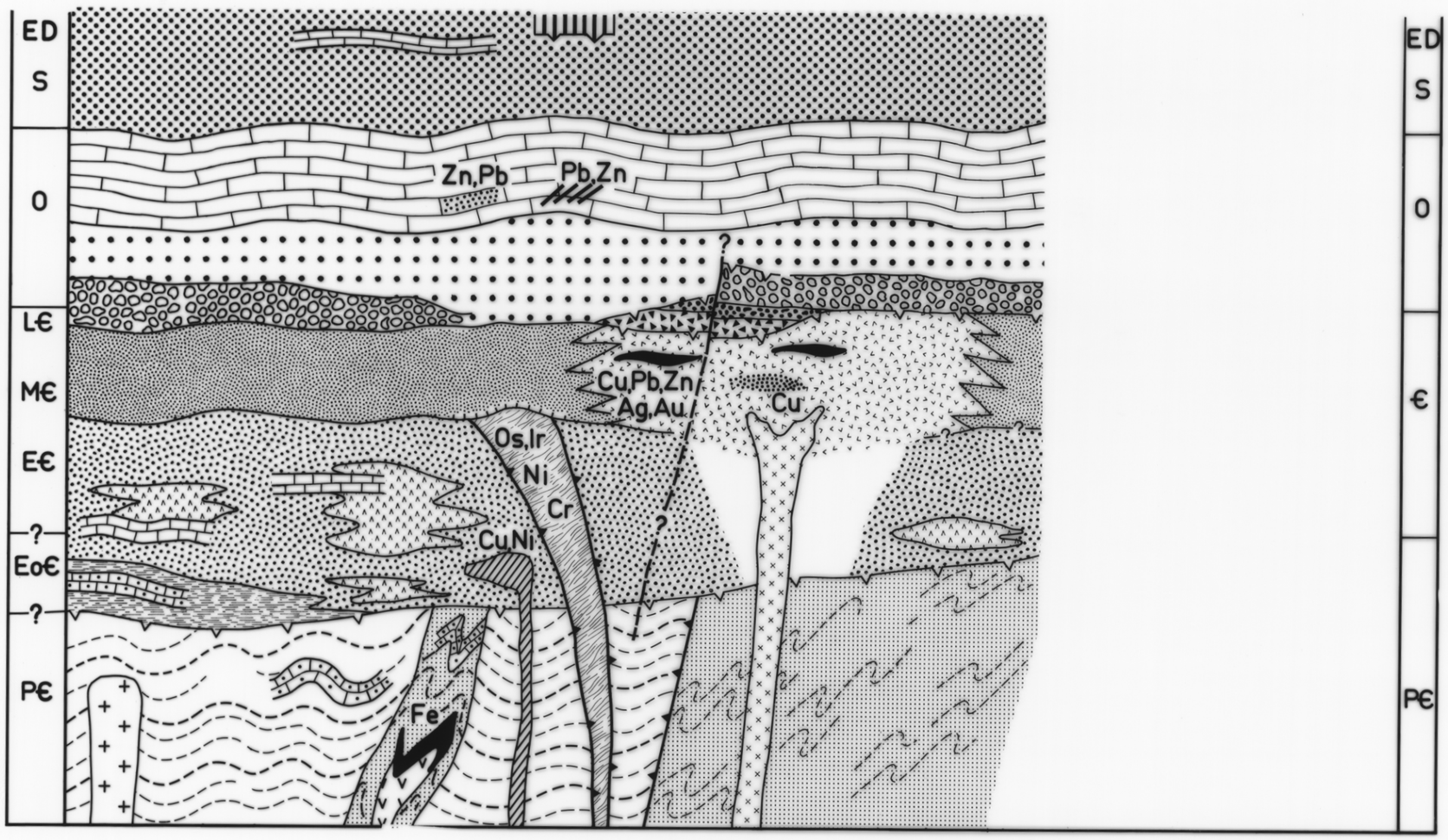

QUATERNARY–TERTIARY

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)