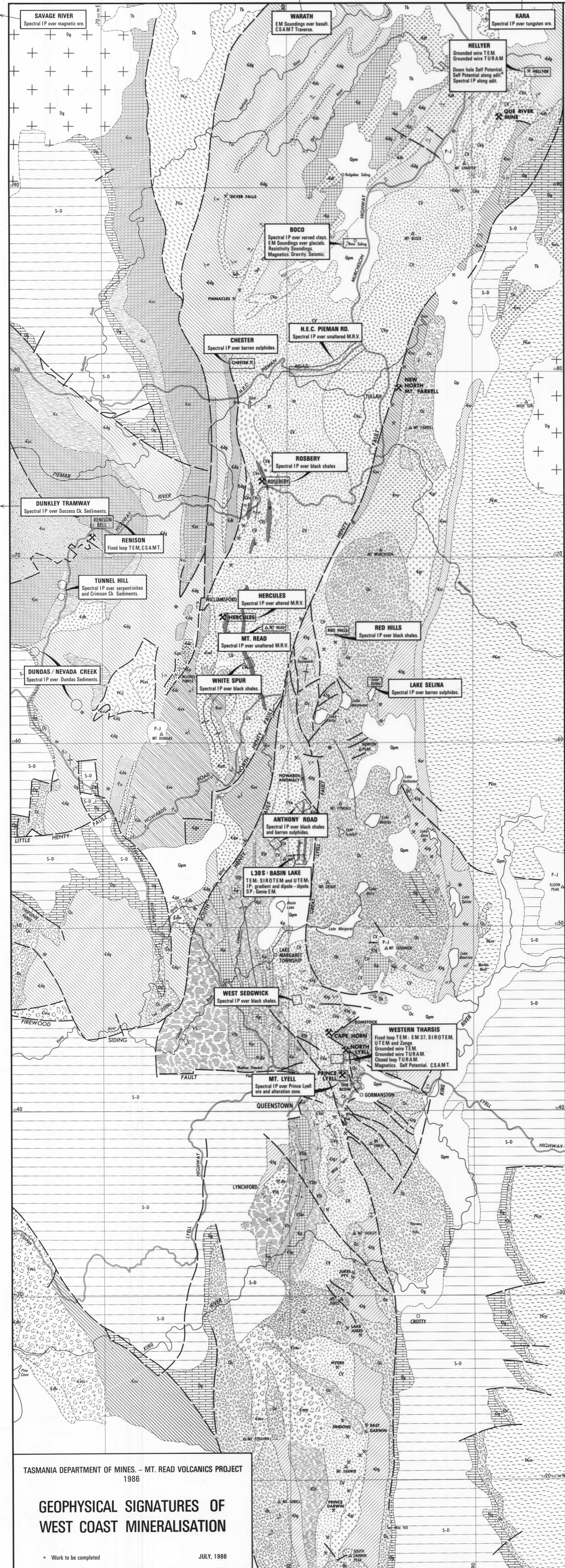


5 cm



TASMANIA DEPARTMENT OF MINES. - MT. READ VOLCANICS PROJECT
1986

GEOPHYSICAL SIGNATURES OF WEST COAST MINERALISATION

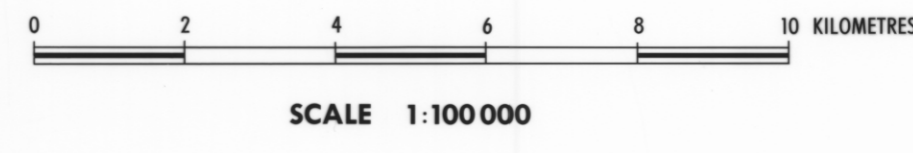
• Work to be completed JULY, 1986



GEOLOGICAL SURVEY OF TASMANIA

GEOLOGICAL COMPILATION MAP OF THE MOUNT READ VOLCANICS QUE RIVER TO MT. DARWIN

Compiled by K. D. Corbett B.Sc. Ph.D
1984



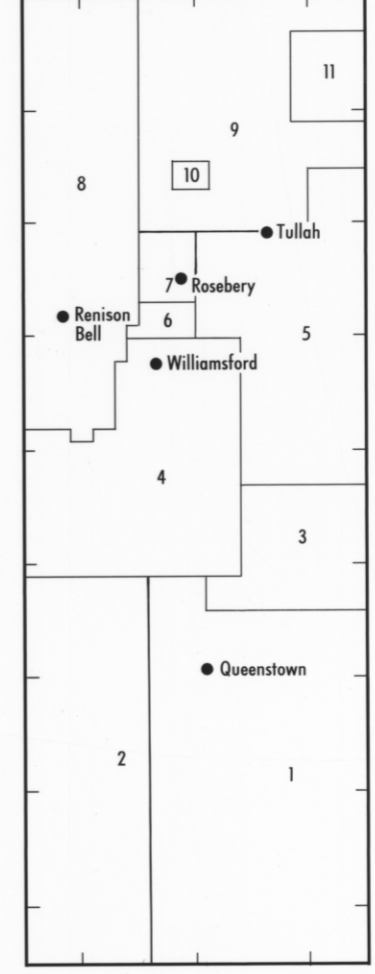
REFERENCE

- TERTIARY - QUATERNARY**
- Tertiary basalt (Tb), Tertiary sediments (Ts), Pleistocene moraine (Opn)
 - Unconformity
- LATE CARBONIFEROUS - JURASSIC**
- P-J Permian Supergroup, Jurassic dolerite
 - Unconformity
- LATE DEVONIAN**
- Dg Granite
- SILURIAN - EARLY DEVONIAN**
- S-D Eldon Group undifferentiated
 - Conformity, ?disconformity
- ORDOVICIAN**
- Gp Gordon Limestone Subgroup
 - Unconformity, disconformity, conformity
- LATE CAMBRIAN - EARLY ORDOVICIAN**
- Ow Owen Conglomerate and correlates
 - Unconformity, disconformity

- CAMBRIAN - ?EOCAMBRIAN**
- | | |
|--|--|
| NORTH AND WEST OF HENTY FAULT ZONE | SOUTH AND EAST OF HENTY FAULT ZONE |
| <ul style="list-style-type: none"> Edg Dundas Group and correlates, including "Rosebery Group" (Middle to Late Cambrian)-greywacke, siltstone, mudstone, conglomerate, tuff Major felsic tuff unit Quartzwacke-quartzite-mudstone Cdg Conglomerate Edb Basaltic volcanics Andesitic volcanics Lower volcano-sedimentary sequence, Howards Road area Major felsic tuff unit Disconformity, ?unconformity Central Volcanic Sequence - rhyolitic to dacitic volcanics, mainly feldspar-phyric Andesitic volcanics Quartz-phyric volcanics Shale-siltstone horizons Ecc Crimon Creek Formation - mafic lithowacke, mudstone - unfossiliferous Ect Success Creek Group - mudstone, quartzite, dolomite, mixite (?Eocambrian) | <ul style="list-style-type: none"> Edh Tyndall Group and correlates - late Middle to Late Cambrian - mainly quartz-feldspar-phyric volcanics and volcanoclastic conglomerates Eeh Sticht Range Beds - quartzwacke, siltstone, siliceous conglomerate Unconformity, ?disconformity Cv Central Volcanic Sequence - rhyolitic to dacitic volcanics, mainly feldspar-phyric Andesitic volcanics and intrusives Csh Shale-siltstone horizons Vs Volcano-Sedimentary Sequence - greywacke, siltstone, felsic tuff Mainly felsic tuff Vsh Basaltic volcanics (tholeiitic variety VSh) Vst Quartzwacke - siltstone |
- UNASSIGNED CAMBRIAN UNITS**
- Ecu Felsic volcanics
 - Ecd Sedimentary units, including Farrell Slate
 - Ecv Volcano-sedimentary sequence

- CAMBRIAN INTRUSIVE ROCKS**
- Egr Granite
 - Efp Felsic porphyry - mostly quartz-feldspar-phyric
 - Egb Gabbro
 - Eus Ultramafic rocks and serpentinite
 - Unconformity
- PRECAMBRIAN**
- PCo Oonah Formation correlate
 - PCs Concert Schist
 - PCm Metamorphosed Precambrian of Tyennan region
- Geological boundary - approximate**
- Fault - approximate**
- Bedding - facing known, overturned**
- Trace of anticline, syncline**
- Cambrian fossil locality**
- Mine. Prospect**

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