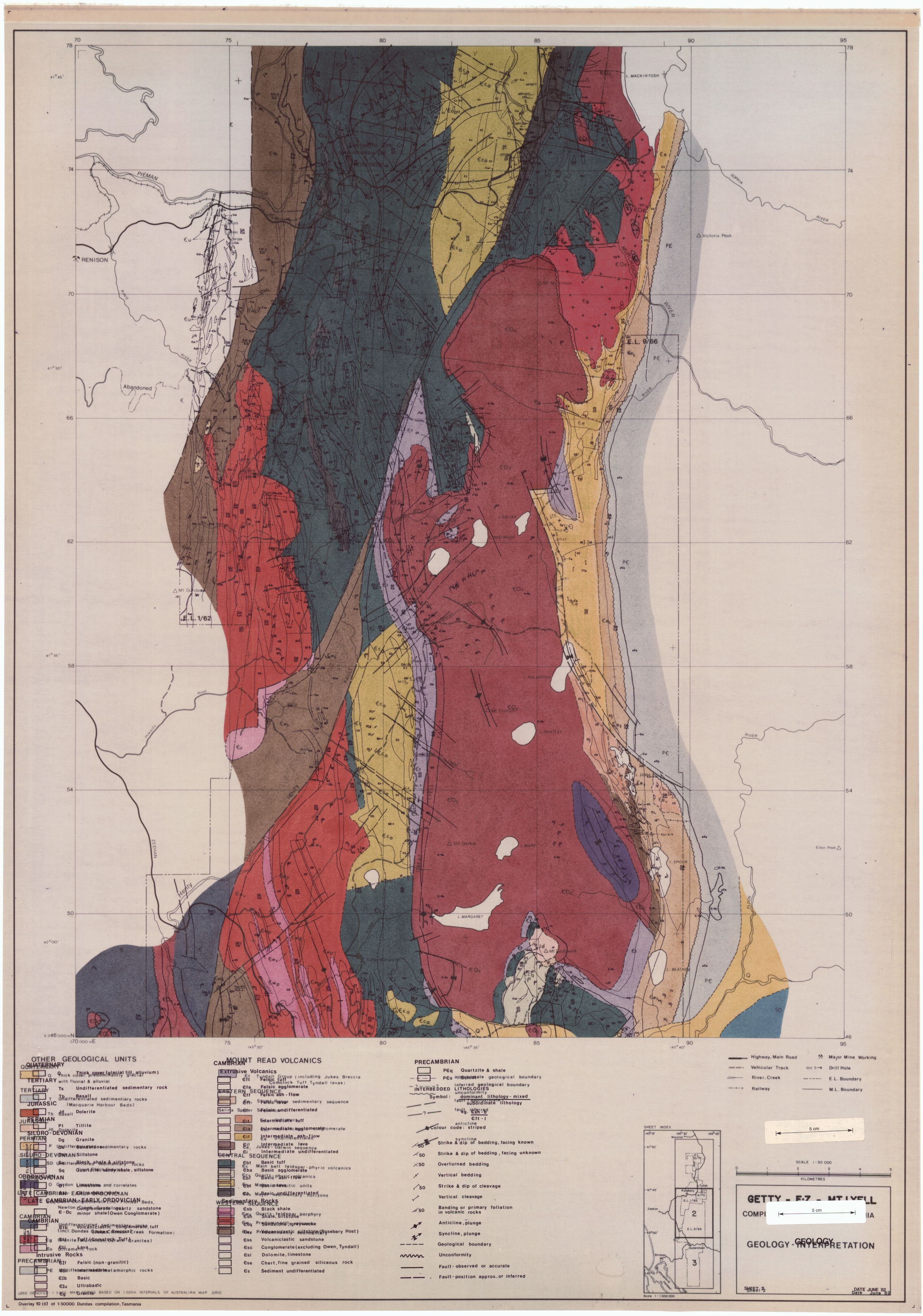
SHEET R

82-1834

SHEET 10(II)

82-1834



OTHER GEOLOGICAL UNITS

QUATERNARY
- Q — Thick cover (glacial till, alluvium)
- Q — Thick cover, predominantly glacial with fluvial & alluvial

TERTIARY
- Ts — Undifferentiated sedimentary rock
- Tb — Basalt
- T — Undifferentiated sedimentary rocks (Macquarie Harbour Beds)

JURASSIC
- Jd — Dolerite

PERMIAN
- Pt — Tillite

SILURO-DEVONIAN
- Dg — Granite
- Ds — Sandstone
- D — Undifferentiated sedimentary rocks

SILURO-DEVONIAN (ELDON GROUP)
- Dm — Siltstone
- SD — Black shale & siltstone
- Sq — Quartzite, sandy shale, siltstone

ORDOVICIAN (GORDON GROUP)
- O — Limestone
- O — Calcareous sandstone

LATE CAMBRIAN - EARLY ORDOVICIAN
- Ꞓ-O — Newton Conglomerate, quartz sandstone, minor shale (Owen Conglomerate)

CAMBRIAN
- Ꞓ — Undifferentiated sedimentary rocks

CAMBRIAN (TYNDALL GROUP)
- Ꞓtb — Volcaniclastic conglomerate, tuff (incl. Dundas Group, Crimson Creek Formation) (Jukes Breccia)
- Ꞓg — Granite (Tyndall, Cordon, Darwin Granites)
- Ꞓtu — Tuff (Comstock Tuff)
- Ꞓlu — Lava
- Ꞓu — Ultramafic rock

Intrusive Rocks

PRECAMBRIAN
- PꞒf — Felsic (non-granitic)
- PꞒ — Undifferentiated metamorphic rocks
- ꞒIb — Basic
- ꞒIu — Ultrabasic
- Ꞓg — Granite

GRID DENOTES 1 500 000 MARKS BASED ON 1000m INTERVALS OF AUSTRALIAN MAP GRID

MOUNT READ VOLCANICS

CAMBRIAN

Extrusive Volcanics
- Ꞓt — Tyndall Group (including Jukes Breccia, Comstock Tuff, Tyndall lavas)
- Ꞓft — Felsic tuff
- Ꞓfa — Felsic agglomerate

EASTERN SEQUENCE
- Ꞓff — Felsic ash-flow
- Ꞓfl — Felsic lava
- Ꞓs — Selina Sporer Sequence sedimentary sequence
- Ꞓf — Felsic undifferentiated
- Ꞓit — Intermediate tuff
- Ꞓia — Intermediate agglomerate
- Ꞓif — Intermediate ash-flow
- Ꞓil — Intermediate lava
- Ꞓi — Intermediate undifferentiated

CENTRAL SEQUENCE
- Ꞓbt — Basic tuff
- Ꞓba — Basic agglomerate
- Ꞓbl — Basic ash-flow
- Ꞓbl — Basic lava
- Ꞓb — Basic, undifferentiated

WESTERN SEQUENCE
- Ꞓsb — Black shale
- Ꞓwp — Quartz-feldspar porphyry
- Ꞓsh — Shale, siltstone
- Ꞓsq — Sandstone, greywacke
- Ꞓsv — Volcaniclastic siltstone (Rosebery Host)
- Ꞓss — Volcaniclastic sandstone
- Ꞓsc — Conglomerate (excluding Owen, Tyndall)
- Ꞓsl — Dolomite, limestone
- Ꞓse — Chert, fine grained siliceous rock
- Ꞓs — Sediment undifferentiated

PRECAMBRIAN

- PꞒq — Quartzite & shale
- PꞒs — Schist
- approximate geological boundary
- inferred geological boundary

INTERBEDDED LITHOLOGIES
- unconformity
- Symbol: dominant lithology - mixed / subordinate lithology
- fault, approximate
- fault, inferred
- eg. Ꞓsh - s / Ꞓft - l
- anticline
- Colour code: striped
- syncline
- 50 — Strike & dip of bedding, facing known
- 50 — Strike & dip of bedding, facing unknown
- 50 — Overturned bedding
- Vertical bedding
- 50 — Strike & dip of cleavage
- Vertical cleavage
- 50 — Banding or primary foliation in volcanic rocks
- Anticline, plunge
- Syncline, plunge
- Geological boundary
- Unconformity
- Fault - observed or accurate
- Fault - position approx. or inferred

- Highway, Main Road
- Vehicular Track
- River, Creek
- Railway
- Major Mine Working
- RH 5 — Drill Hole
- E.L. Boundary
- M.L. Boundary

SHEET INDEX

5 cm

SCALE 1:50 000

0 1 2 3 4 5

KILOMETRES

GETTY - E·Z - MT LYELL

COMPI[illegible]IA

5 cm

GEOLOGY - INTERPRETATION

GEOLOGY

SHEET 2

DATE JUNE '82

Overlay 10 (II) of 1:50000 Dundas compilation, Tasmania