

ST. CLAIR

Geological Survey of Tasmania
Department of Mines—Hobart

FIRST EDITION 1963 1:63360

GEOLOGICAL ATLAS 1 MILE SERIES
N 8113 I & IV ZONE 7 SHEET NO. 59



REFERENCE

- QUATERNARY**
 - Qd Dolerite / Basalt talus
 - Qs Swamp, marsh and alluvium
 - Qa Till, talus, and fluvioglacial
 - Qm Lateral moraine
 - Qtm Terminal moraine
- TERTIARY**
 - Tc Tertiary sediments
- MESOZOIC**
 - Tb TRIASSIC Brady? Formation
 - Os Ossa Formation
 - Gf Gould Formation
- PALEOZOIC**
 - Pc PERMIAN Cygnet Coal Measures
 - Pf Ferntree Group
 - Pw "Woodbridge" Group
 - Pm Mersey Group
 - WRG Wallace River Group
 - Pbc Basal Conglomerate
- PRECAMBRIAN**
 - Ss SILURIAN Eldon Group Undifferentiated
 - ORDOVICIAN Junee Group, Owen Conglomerate and Quartzite
 - PRECAMBRIAN Jane Dolomite
 - Qz Quartzite, quartz schist, etc.

Igneous Rocks

- Tb TERTIARY Basalt
- Jd JURASSIC Dolerite
- Cd CAMBRIAN? Dolerite.

- Geological boundary position approximate
- - - Geological boundary inferred
- ~ ~ ~ Unconformity
- Fault position approximate showing relative movement
- - - Fault inferred, concealed showing relative movements
- Strike and dip of beds
- Minor fold or axial lineation
- Linear features interpreted from airphotos
- Landslips
- Coal seam

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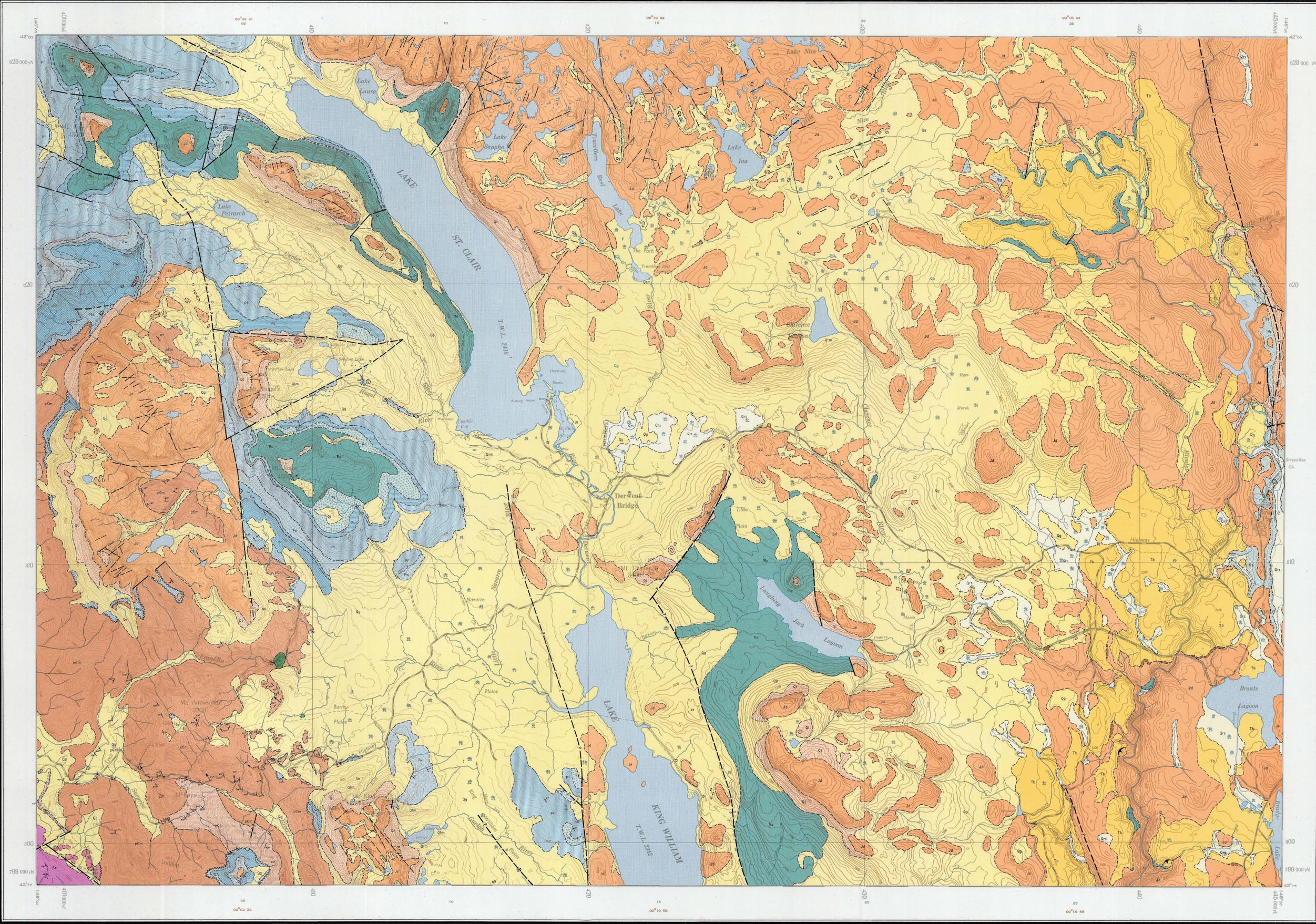
Base map adapted from "St. Clair" 40 chain to 1 inch sheets produced by the Lands and Surveys Department, Hobart.

Geological map production by Drawing Office, Department of Mines, Hobart.

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CONTROL: 2nd and 3rd Order Triangulation based on Lochmaben Astronomical Station Lat. 51° 28' 23.339" S Long. 147° 17' 18.755" E.

DETAIL: Aerial Photography 1955

PROJECTION: Transverse Mercator

LEVEL DATUM: Mean Sea Level Hobart

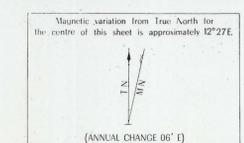
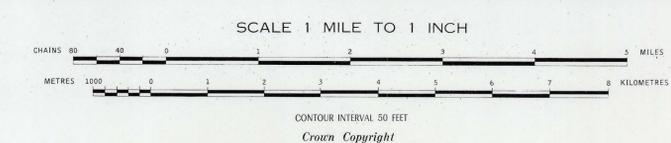
NOMENCLATURE: Approved by the Nomenclature Board of Tasmania

GRID CONFORMANCE: Based on Longitude 146° 00' E. To obtain True Bearing use correction as shown in brown in margin of map.

- Trip: Stations 1st and 2nd Order
2nd Order
- State Permanent Mark
 - Horse
 - Windpump Water Tower
 - Mine Lighthouse Waterhole
 - Electric Transmission Line

INDEX TO ADJOINING SHEETS

MURCHISON	DU CANE	GREAT LAKE
LYELL	ST. CLAIR	LAKE ECHO
PILLINGER	KING WILLIAM	OUSE



- Swamp or Marsh
 - Quarry
 - Gravel Pit
 - Cliff
 - Contours
 - Depression Contours
- All Weather 1st Class
 - All Weather 2nd Class
 - Other roads and/or Vehicular Track
 - Foot or Puck Track

