

LONGFORD

Geological Survey of Tasmania
Department of Mines—Hobart

GEOLOGICAL ATLAS 1 MILE SERIES
ZONE 7 SHEET No. 47

FIRST EDITION 1959



REFERENCE

- Quaternary**
 - Q_{ra} RECENT Alluvium
 - Q_{rs} RECENT Windblown sands
 - Q_{sp} PLEISTOCENE River terraces, gravels and sands
- Tertiary**
 - T₉ PLIOCENE Boulder beds
 - T₁ EOCENE Launceston Beds : Lacustrine clays, sands, lignite, &c.
- Mesozoic**
 - M₁ Felspathic Sandstone and New Town Coal Measures
 - M₂ Knocklofty Sandstone and Shale
- Palaeozoic**
 - P₁ FERNTREE Mudstone
 - S₁ MATHINNA Group: slates and quartzites

Laterite

Igneous Rocks

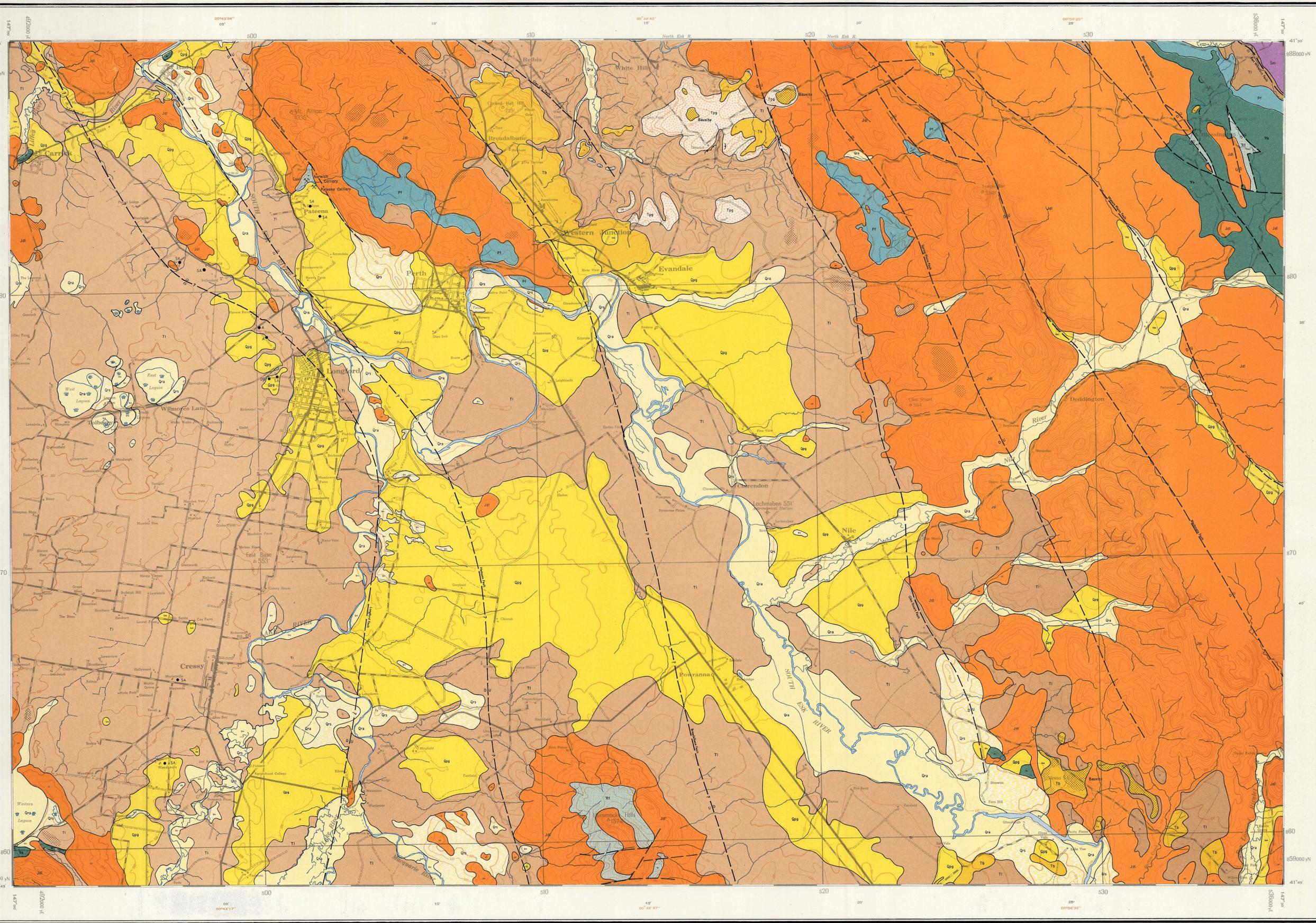
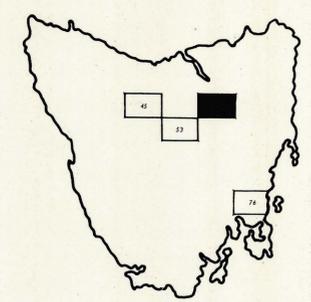
- I₁ PLIOCENE Basalt
- I₂ JURASSIC Dolerite

- Established geological boundary
- Fault with direction of movement
- Fault
- Fault inferred, probable boundary
- Mine or prospect
- Diamond Drill hole
- Water bores
- Landslips showing heel of slip

Geology by F. Blake, A.M. (Aust.) I.M.M. Geologist,
with acknowledgments to Division of Soils, C.S.I.R.O.
Geological map production by Drawing Office, Department of Mines, Hobart.
Topographical base map adapted from the "Longford" map
produced by Division of Soils, C.S.I.R.O., 1957, and the
"Evandale" map produced by Department of the Army, 1939.
H. G. W. Keid, M.Sc., Chief Geologist.
Compiled under the direction of
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Issued under the authority of the Honourable Eric E. Reece, Minister for Mines.

Published 1959

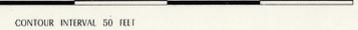


CONTROL: 2nd and 3rd Order Triangulation based on
Lochnabes Astronomical Station Lat. 41°38' 27.889" S.
Long. 147°17' 48.725" E.
DETAIL: Aerial Photography 1947
PROJECTION: Transverse Mercator
LEVEL DATUM: Mean Sea Level Hobart
NOMENCLATURE: Approved by the Nomenclature Board of Tasmania.
GRID CONVERGENCE: Based on Longitude 146° 00' E. To obtain true bearing
use correction as shown in brown in margin.
PRODUCTION: In compliance with National Mapping Standards

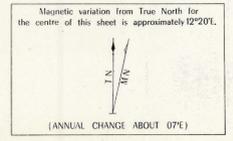
- Trig. Stations (2nd and 3rd Order)
- 14th Order
- State Permanent Mark
- House, Hut, Mill or Factory
- Post Office, School, Hotel
- Hospital, Garage, Church
- Windmill - Crematory
- Mine Lighthouse
- Electric Transmission Line
- Telephone Line

INDEX TO ADJOINING SHEETS		
FRANKFORD	LAUNCESTON	ALBERTON
QUAMBY	LONGFORD	BEN LOMOND
GREAT LAKE	LAKE RIVER	SNOW HILL

SCALE 1 MILE TO 1 INCH



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- Swamp or Marsh
- Quarry
- Gravel Pit
- Cliff
- Contours
- Depression Contours
- 1st Class Steel
- 2nd Class Metal or Gravel
- 3rd Class
- 4th Class Unmetalled
- Foot or Pack Track
- Gate
- Cattle-grid Bridge
- Railway