

DU CANE

GEOLOGICAL SURVEY OF TASMANIA
DEPARTMENT OF MINES—HOBART

FIRST EDITION 1961 1: 63360

GEOLOGICAL ATLAS 1 MILE SERIES
ZONE 7 SHEET No. 52



REFERENCE

- | | | | | | | | | | | | | | | | |
|---------------------|---|----|-------------------------|----|--------------------------|----|----------------------------------|----|---|----|--------------------------------|----|--------------------|---|------------|
| Quaternary | <table border="0"> <tr><td>Qt</td><td>Basalt talus</td></tr> <tr><td>Qs</td><td>Dolerite scree</td></tr> <tr><td>Qv</td><td>PLEISTOCENE Varved clays</td></tr> <tr><td>Qf</td><td>Fluvioglacial deposits, till and alluvium</td></tr> <tr><td>Qm</td><td>Talus, till and marsh deposits</td></tr> </table> | Qt | Basalt talus | Qs | Dolerite scree | Qv | PLEISTOCENE Varved clays | Qf | Fluvioglacial deposits, till and alluvium | Qm | Talus, till and marsh deposits | | | | |
| Qt | Basalt talus | | | | | | | | | | | | | | |
| Qs | Dolerite scree | | | | | | | | | | | | | | |
| Qv | PLEISTOCENE Varved clays | | | | | | | | | | | | | | |
| Qf | Fluvioglacial deposits, till and alluvium | | | | | | | | | | | | | | |
| Qm | Talus, till and marsh deposits | | | | | | | | | | | | | | |
| Mesozoic | <table border="0"> <tr><td>Tf</td><td>"Feldspathic" sandstone</td></tr> <tr><td>Ts</td><td>Ossa Sandstone and shale</td></tr> <tr><td>Tc</td><td>Gould Sandstone and conglomerate</td></tr> </table> | Tf | "Feldspathic" sandstone | Ts | Ossa Sandstone and shale | Tc | Gould Sandstone and conglomerate | | | | | | | | |
| Tf | "Feldspathic" sandstone | | | | | | | | | | | | | | |
| Ts | Ossa Sandstone and shale | | | | | | | | | | | | | | |
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| Paleozoic | <table border="0"> <tr><td>Pc</td><td>Cygnat Coal Measures</td></tr> <tr><td>Pf</td><td>Ferntree Group</td></tr> <tr><td>Pw</td><td>"Woodbridge Group"</td></tr> <tr><td>Pm</td><td>Mersey Group</td></tr> <tr><td>Pw</td><td>Wallace River Group</td></tr> <tr><td>Pk</td><td>Basal Conglomerate</td></tr> <tr><td>p</td><td>Unassigned</td></tr> </table> | Pc | Cygnat Coal Measures | Pf | Ferntree Group | Pw | "Woodbridge Group" | Pm | Mersey Group | Pw | Wallace River Group | Pk | Basal Conglomerate | p | Unassigned |
| Pc | Cygnat Coal Measures | | | | | | | | | | | | | | |
| Pf | Ferntree Group | | | | | | | | | | | | | | |
| Pw | "Woodbridge Group" | | | | | | | | | | | | | | |
| Pm | Mersey Group | | | | | | | | | | | | | | |
| Pw | Wallace River Group | | | | | | | | | | | | | | |
| Pk | Basal Conglomerate | | | | | | | | | | | | | | |
| p | Unassigned | | | | | | | | | | | | | | |
| Pre-cambrian | <table border="0"> <tr><td>pc</td><td>Quartzites and schists</td></tr> </table> | pc | Quartzites and schists | | | | | | | | | | | | |
| pc | Quartzites and schists | | | | | | | | | | | | | | |
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- | | | | | | | | |
|----------------------|---|----|-----------------|----|-------------------|----|----------------------------|
| IGNEOUS ROCKS | <table border="0"> <tr><td>tb</td><td>TERTIARY Basalt</td></tr> <tr><td>jd</td><td>JURASSIC Dolerite</td></tr> <tr><td>db</td><td>DEVONIAN? Birthday Granite</td></tr> </table> | tb | TERTIARY Basalt | jd | JURASSIC Dolerite | db | DEVONIAN? Birthday Granite |
| tb | TERTIARY Basalt | | | | | | |
| jd | JURASSIC Dolerite | | | | | | |
| db | DEVONIAN? Birthday Granite | | | | | | |

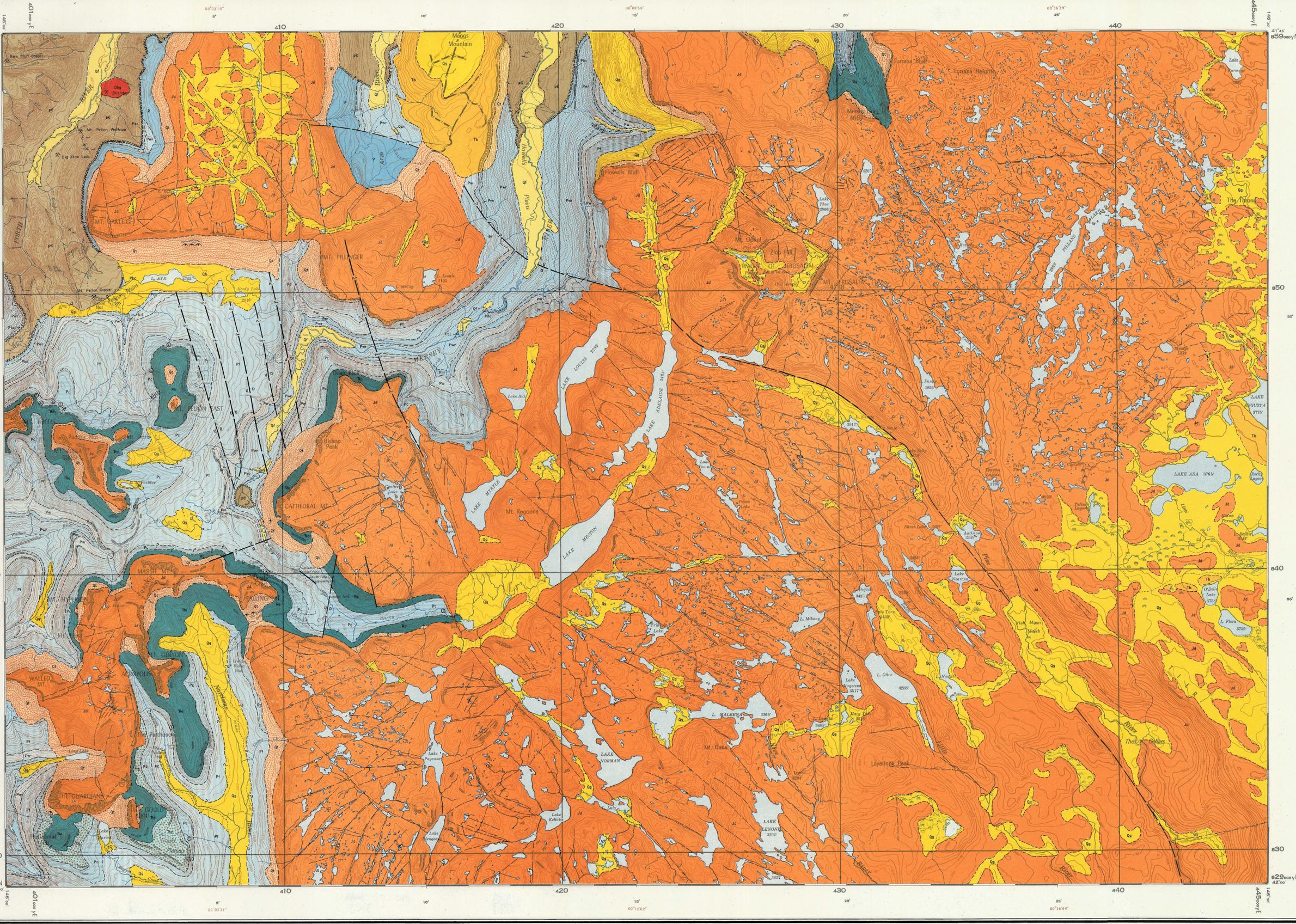
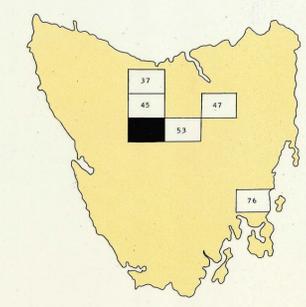
- | | |
|---|-----|
| Geological boundary — position approximate | --- |
| Geological boundary — inferred | --- |
| Angular unconformity | ~ |
| Fault (approx. position) showing relative vertical movement | --- |
| Fault (inferred) showing relative vertical movement | --- |
| Strike and dip of beds | --- |
| Linears interpreted from airphotos | --- |
| Landslips | --- |
| Mine or prospect | --- |
| Coal seam | --- |

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Base map adapted from 1 inch to 1 mile "Du Cane" sheet published by Lands & Surveys Department, 1955.

Geological map production by Drawing Office, Department of Mines, Hobart.
 T. D. Hughes, B.Sc., Chief Geologist
 Compiled under the direction of J. G. Symons, B.E., Director of Mines.

Issued under the authority of the Honourable Eric E. Reece, Minister for Mines.
 Published, 1961



CONTROL: 2nd and 3rd Order Triangulation based on Lochmaben Astronomical Station Lat. 41° 38' 27.389" S. Long. 147° 17' 49.231" E.

DETAIL: Aerial Photography 1953

PROJECTION: Transverse Mercator

LEVEL DATUM: Mean Sea Level Hobart

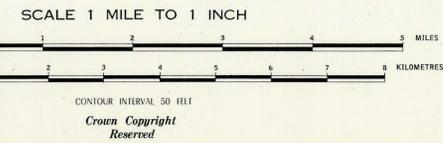
NOMENCLATURE: Approved by the Nomenclature Board of Tasmania.

GRID CONVERGENCE: Based on Longitude 146° 00' E. To obtain true bearing use correction as shown on forms in margin.

PRODUCTION: In compliance with National Mapping Standards.

Trip Stations	2nd and 3rd Order
State Permanent Mark	14th Order
House Hut	...
Post Office School Hotel	...
Hospital	...
Windmill	...
Water Tower	...
Electric Transmission Line	...
Telephone Line	...

INDEX TO ADJOINING SHEETS		
MACKINTOSH	MIDDLESEX	QUAMBY
MURCHISON	DU CANE	GREAT LAKE
LYELL	ST. CLAIR	LAKE ECHO



Magnetic variation from True North for the centre of this sheet is approximately 12° 10' E.
 (ANNUAL CHANGE ABOUT 07')

- | | | | |
|---------------------|-----|---------------------------|-----|
| Snow on Marsh | ... | 1st Class Street | ... |
| Quarry | ... | 2nd Class Metal or Gravel | ... |
| Gravel Pit | ... | 3rd Class | ... |
| Cliff | ... | 4th Class Unsurfaced | ... |
| Contours | ... | Vehicular Track | ... |
| Depression Contours | ... | Foot or Pack Track | ... |
| | | Gate | ... |
| | | Cattle-grid Bridge | ... |
| | | Railway usable line | ... |