

SHEFFIELD

GEOLOGICAL SURVEY OF TASMANIA
DEPARTMENT OF MINES HOBART

FIRST EDITION 1959

GEOLOGICAL ATLAS 1 MILE SERIES
ZONE 7 SHEET No. 37

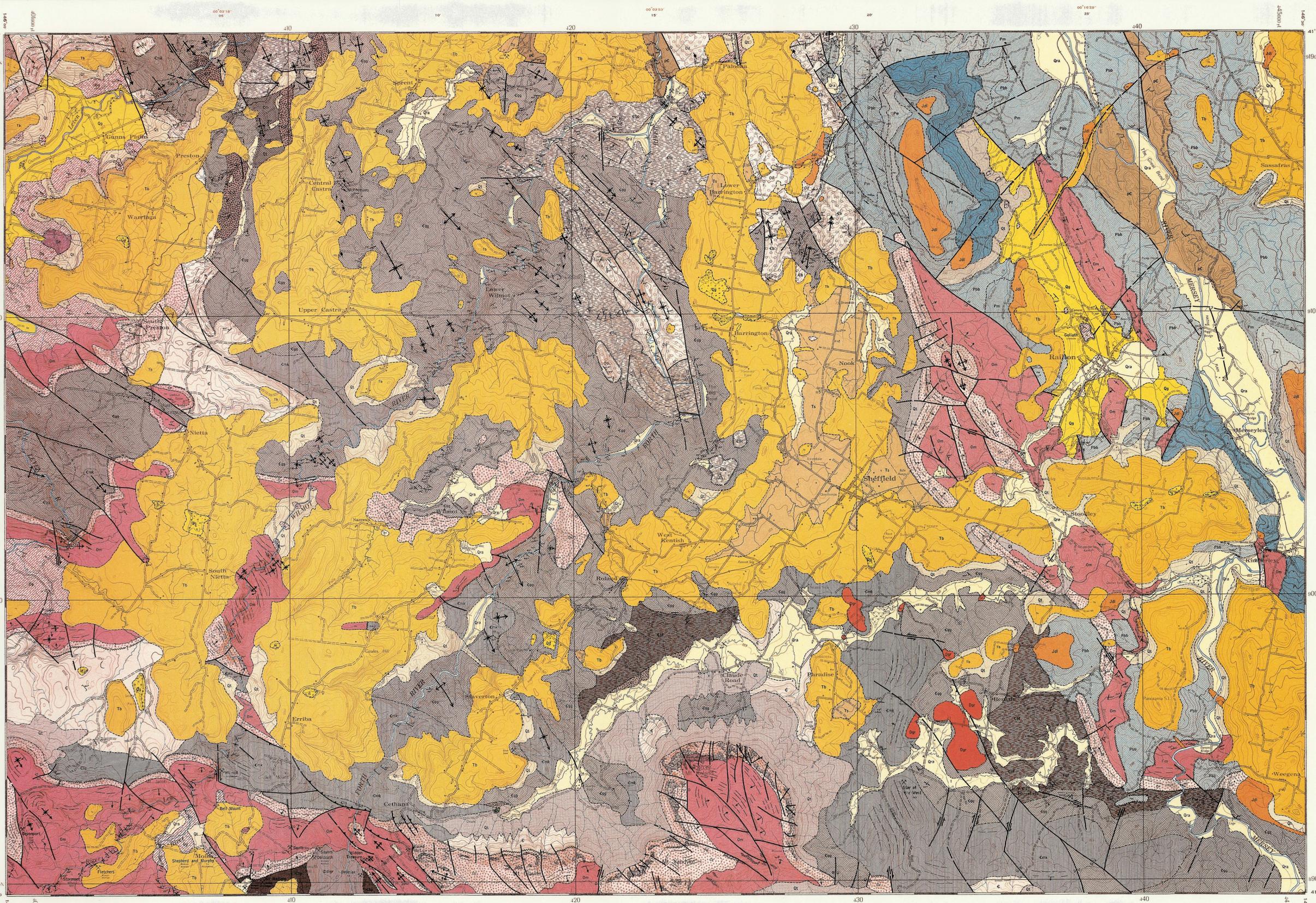
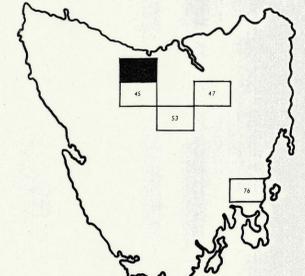


REFERENCE

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|--|--|---|--|---|---|---------------|--|--|
| CAMBRIAN | PRECAMBRIAN | SILURIAN | PERMIAN | TERTIARY | QUATERNARY | RECENT | | |
| <ul style="list-style-type: none"> Bull Creek Formation Lorinna Greywacke Minnow Keratophyre Gog Range Greywacke Bott Conglomerate Sprent Formation Motton Spillite Beulah Formation Barrington Chert Unassigned | <ul style="list-style-type: none"> Unassigned (Quartzites and quartz sericitic schist) | <ul style="list-style-type: none"> Skarn (Metamorphosed limestone) Gordon Limestone Moira Sandstone including Caroline Ck. Beds Roland Conglomerate Dial Conglomerate | <ul style="list-style-type: none"> Eidon Group Unassigned Mersey Coal Measures Woodbridge Group Ferntree Group | <ul style="list-style-type: none"> Sands clays and conglomerate | <ul style="list-style-type: none"> Marsh deposits and residual gravels Quartzite and conglomerate talus Dolerite talus Basalt talus and landslide debris Alluvium | | | |
| | | | | | | | IGNEOUS ROCKS | |
| | | | | | | | <ul style="list-style-type: none"> TERTIARY Basalt JURASSIC Dolerite Fine grained granite and microgranodiorite Dolcoath Granite Housetop Granite Quartz dolerite Serpentine | |

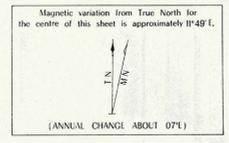
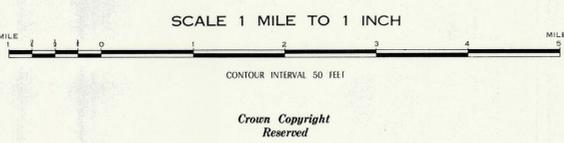
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| Established boundary — position approximate | |
| Inferred probable or indefinite boundary | |
| Unconformity | |
| Thrust fault (teeth on upper plate) | |
| Wrench Fault | |
| Fault with direction of movement | |
| Anticlinal Axis showing direction of plunge | |
| Synclinal Axis showing direction of plunge | |
| Strike and plunge of minor folds | |
| Strike and dip of strata | |
| Strike of vertical strata | |
| Strike and dip of jointing | |
| Strike and dip of cleavage | |
| Strike of beds interpreted from air photos and/or traverse information | |
| Mine or prospect | |
| Structural symbols on strata largely obscured by alluvium | |

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Topographical base map adapted from "Sheffield" 40 chain to 1 inch sheets produced by the Lands and Surveys Department Hobart, 1957.
Geological Map production by Drawing Office, Department of Mines, Hobart.
H. G. W. Keid, M.Sc., Chief Geologist.
Compiled under the direction of
J. G. Symons, B.E.
Director of Mines.
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CONTROL: 2nd and 3rd Order Triangulation based on Lochmaben Astronomical Station Lat. 41° 38' 27.90" S. Long. 147° 17' 49.73" 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 on charts in boxes in margin.
PRODUCTION: In compliance with National Mapping Standards.

<p>Triangulation Stations (2nd and 3rd Order) ... </p> <p>State Permanent Mark (4th Order) ... </p> <p>House, Hut, Mill or Factory ... </p> <p>Post Office, School, Hotel ... </p> <p>Headland, Grange, Church ... </p> <p>Windmill, Cemetery, Water Tower ... </p> <p>Mine Lighthouse, Waterhole ... </p> <p>Electric Transmission Line ... </p> <p>Telephone Line ... </p>	<p>INDEX TO ADJOINING SHEETS</p> <table border="1" style="width: 100%; text-align: center;"> <tr> <td>BURNE</td> <td>DEVONPORT</td> <td>BEACONSFIELD</td> </tr> <tr> <td>VALENTINES PEAK</td> <td>SHEFFIELD</td> <td>FRANKFORD</td> </tr> <tr> <td>MACKINTOSH</td> <td>MIDDLESEX</td> <td>QUAMBY</td> </tr> </table>	BURNE	DEVONPORT	BEACONSFIELD	VALENTINES PEAK	SHEFFIELD	FRANKFORD	MACKINTOSH	MIDDLESEX	QUAMBY
BURNE	DEVONPORT	BEACONSFIELD								
VALENTINES PEAK	SHEFFIELD	FRANKFORD								
MACKINTOSH	MIDDLESEX	QUAMBY								



- | | |
|--|---|
| <p>Swamp or Marsh ... </p> <p>Quarry ... </p> <p>Green Pit ... </p> <p>Cliff ... </p> <p>Contours ... </p> <p>Depression Contours ... </p> | <p>1st Class Scaled ... </p> <p>2nd Class Metal or Green ... </p> <p>3rd Class ... </p> <p>4th Class Unmetalled ... </p> <p>Valley or Trench ... </p> <p>Foot or Peak Track ... </p> <p>Cable Cattle-grid Bridge ... </p> <p>Railway ... </p> |
|--|---|