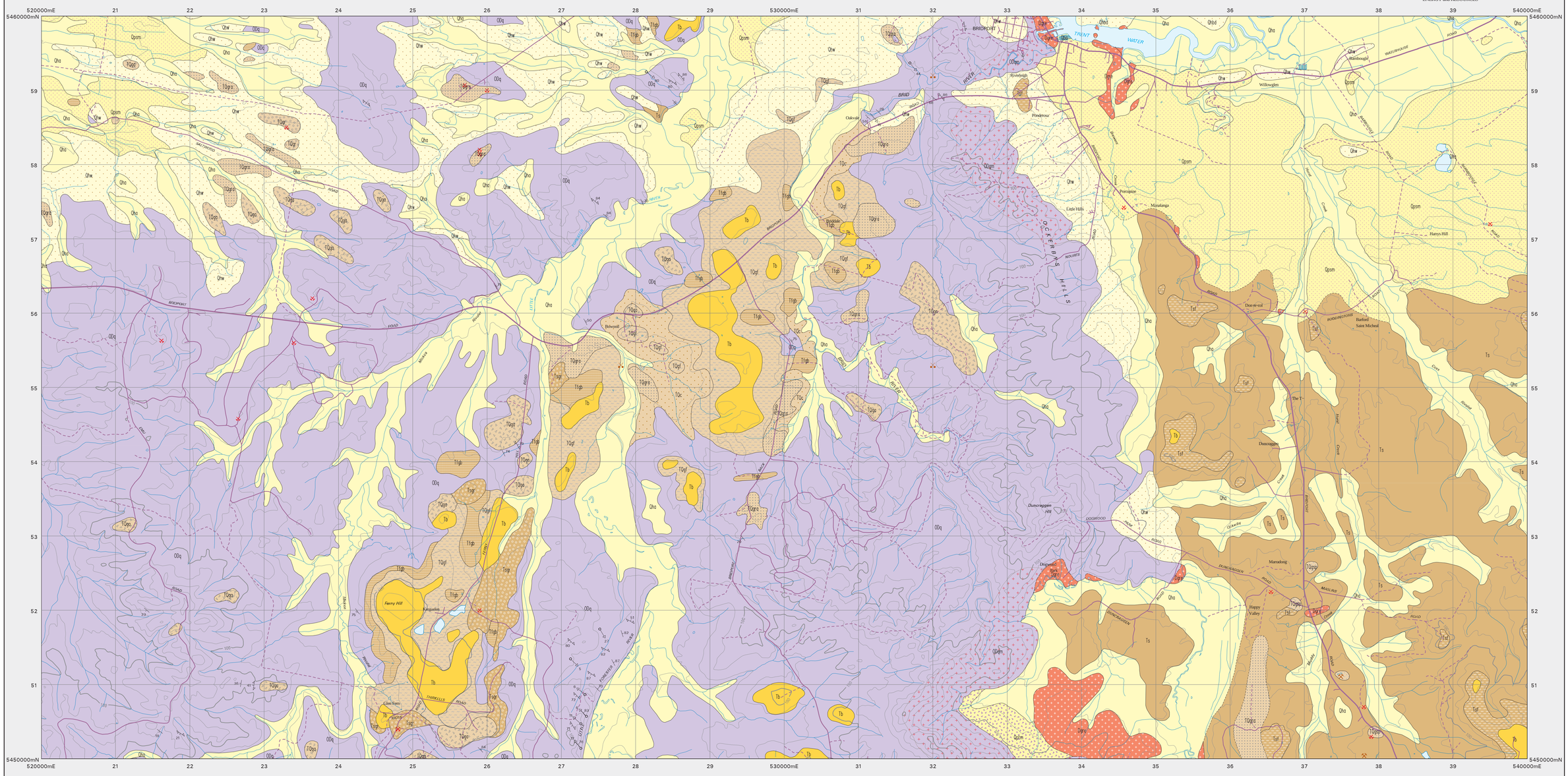
MINERAL RESOURCES TASMANIA
DIGITAL GEOLOGICAL ATLAS 1:25 000 SERIES
BOWOOD, SHEET 5245

BOWOOD

Scale: 1:25 000

0 500 1000 1500 2000 2500m

MINERAL RESOURCES TASMANIA
Tasmania
DEPARTMENT of INFRASTRUCTURE ENERGY and RESOURCES



Compiled by M.P. McClenaghan, 1995 from the following sources (see responsibility diagram):

A. Geological atlas 1:50,000 series, sheet 31 (8515N) Pipers River 1965, Tasmania Department of Mines.

QUATERNARY

HOLOCENE

- **Qha** — *Stream alluvium, swamp and marsh deposits (Qha).*
- **Qhbd** — *Younger aeolian dune sand, beach sand and gravel (Qhbd).*
- **Qhw** — *Windblown sand (Qhw).*
- **Qptm** — *Mathinna Group talus (Qptm).*
- **Qpsm** — *Marine terrace deposits of gravel, sand, clay, shells and organic material (Qpsm).*

TERTIARY

- **TQc** — *Silt and clay with occasional pebbles (TQc).*
- **TQga** — *Angular gravel mainly vein quartz (TQga).*
- **TQgr** — *Rounded gravel, mainly vein quartz (TQgr).*
- **TQgra** — *Rounded and angular gravel, mainly vein quartz (TQgra).*
- **TQgf** — *Ferruginous, pisolitic gravel with ironstone blocks (TQgf).*
- **TQgsp** — *Quartz granule sand with pebbles (TQgsp).*
- **Ts** — *Conglomerate, gravel, sand, silt, mud and clay (Ts).*
  - **Tb** — *Basalt (Tb).*
  - **Tsf** — *Sands and gravels cemented by iron oxides (Tsf).*
  - **Tsgr** — *Rounded gravel, mainly vein quartz (Tsgr).*
  - **Tfgb** — *Grey-billy and silcrete (Tfgb).*

~ ~ ~ ~ ~ ~ ~ ~ *Unconformity*

ORDOVICIAN - SILURIAN(?) - EARLY DEVONIAN

- **ODq** / **ODqm** — *Quartzwacke turbidite sequence of interbedded, sandstone, siltstone and mudstone with sandstone dominant (ODq); contact metamorphosed by granitic intrusion (ODqm). (ODq: Mathinna Group).*

IGNEOUS ROCKS

TERTIARY

- **Tb** — *Basalt (Tb).*

DEVONIAN

- **Dgra** — *Equigranular, medium- to coarse-grained biotite-hornblende granodiorite (Dgra).*

Geological boundary – position approximate
Geological boundary – inferred
Metamorphic boundary.

Strike and dip of bedding – right way up; facing unknown.
Strike of vertical bedding, facing unknown.
Strike and dip of cleavage – relative local age S1; vertical.
Trend and plunge of bedding/primary cleavage intersection lineation (L1).
Trend and plunge of minor fold hinge line, relative local age F1.
Field station for adjacent readings on the map.
Notable small outcrop or float / lag occurrence
Mineral deposit location – hardrock
Mineral deposit location – alluvial
Construction materials location –
Data derived from Mineral Resources Tasmania DEPOSITS data base. Data point position has not been verified in every case.

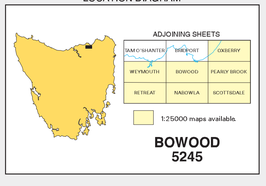
Digital base information from Information and Land Services Division, Department of Primary Industries, Water and Environment.

Map produced by the Data Management Branch of Mineral Resources Tasmania using G.I.S. software. AGD66 - AMG Zone 55. Contour Interval: 20 metres.

RESPONSIBILITY DIAGRAM

(A)

LOCATION DIAGRAM



ADJOINING SHEETS

SAM O' SHANTER	BRIDPORT	OXBERRY
WEYMOUTH	BOWOOD	PEARLY BROOK
RETREAT	NARROWLA	SCOTTSDALE

1:25000 maps available.

BOWOOD 5245

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Data correct & plotfile generated: 30-AUG-2005

WARNING: INKS ARE LIGHT SENSITIVE