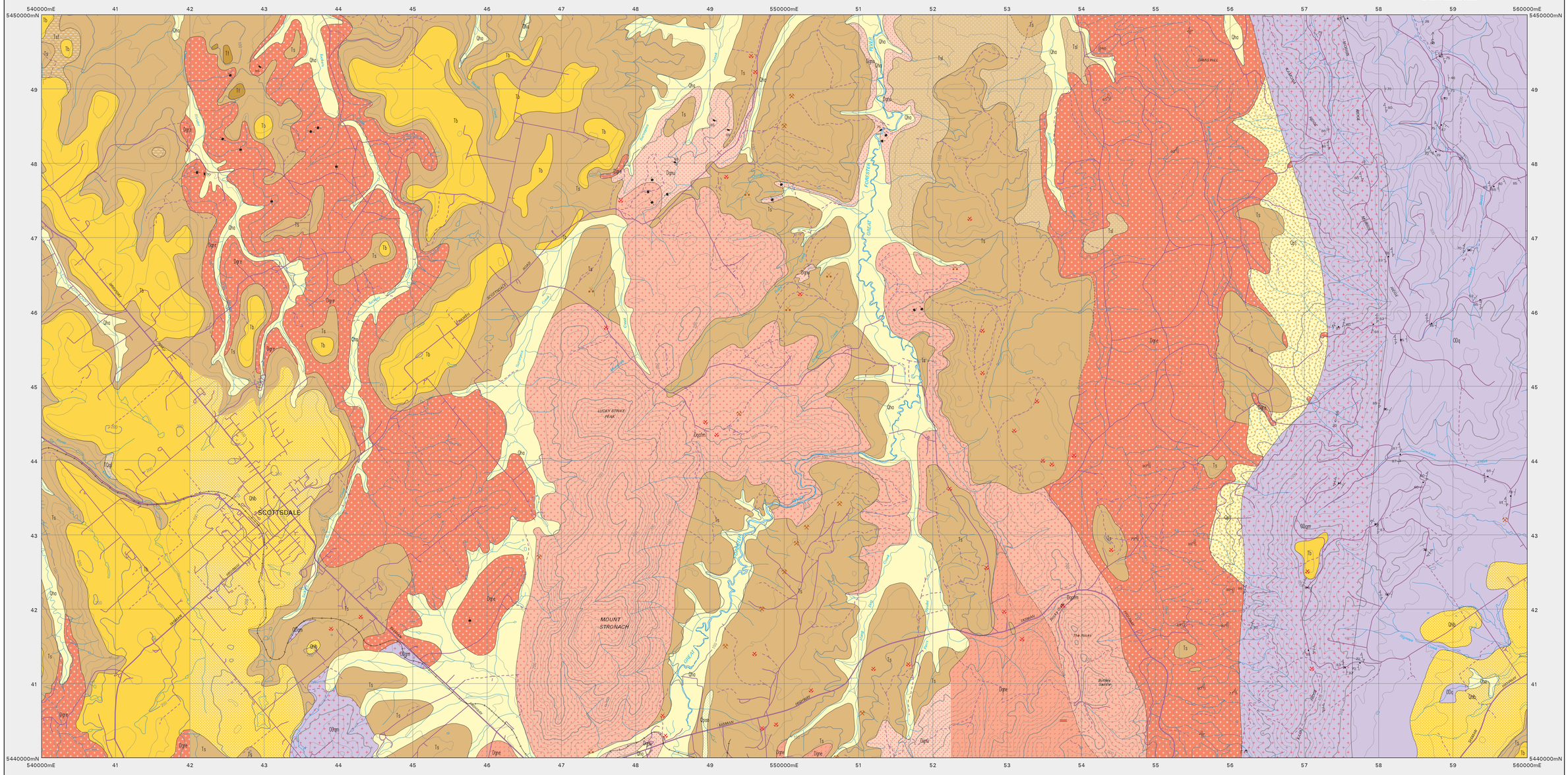
MINERAL RESOURCES TASMANIA
DIGITAL GEOLOGICAL ATLAS 1:25 000 SERIES
SCOTTSDALE, SHEET 5444

# SCOTTSDALE

Scale: 1:25 000

0 500 1000 1500 2000 2500m

MINERAL RESOURCES TASMANIA
Tasmania
DEPARTMENT of INFRASTRUCTURE ENERGY and RESOURCES




Geology based on:
BROWN, A.V.; McCLENAGHAN, M.P.; MOORE, W.R.; TURNER, N.J.; McCLENAGHAN, J.; WILLIAMS, P.R.; BAILLIE, P.W.; CORBETT, K.D.; CORBETT, E.B.; COX, S.F.; GROVES, D.I.; PIKE, G.P. 1977.
Geological atlas 1:50 000 series, sheet 32 (8415M). Ringarooma. Department of Mines, Tasmania.

Compiled by M. P. McClenaghan.

## IGNEOUS ROCKS

TERTIARY

- Tb — *Basalt (Tb).*

MINOR GRANITIC INTRUSIONS

- Dma — *Aplite (Dma)*

BLUE TIER BATHOLITH

DEVONIAN

- Dgafm — *Medium-grained, pink, biotite alkali-feldspar granite/adamellite (Dgafm).*
- Dgnu — *Medium- to very coarse-grained biotite +/- hornblende adamellite/granodiorite (Dgnu); Equigranular, coarse to very coarse-grained, biotite +/-hornblende, adamellite/ granodiorite with pale pink to white feldspar (Dgne).*
- Dgne — *Equigranular, medium- to coarse-grained biotite-hornblende granodiorite (Dgne).*

QUATERNARY

HOLOCENE

- Qha — *Stream alluvium, swamp and marsh deposits (Qha).*
- Qpao — *Older alluvium of river terraces (Qpao).*
- QHlb — *Basalt derived lag deposit (QHlb).*
- Qpt — *Talus (Qpt).*

?

- TQgf — *Ferruginous, pisolitic gravel with ironstone blocks (TQgf).*

TERTIARY

- Tb, Ts, Tf — *Conglomerate, gravel, sand, silt, mud and clay (Ts); sands and gravels cemented by iron oxides (Tsf); gravel lag (Tsl). Ferricrete (Tf). Basaltic rock (Tb).*

*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).*

- *Geological boundary - position approximate*
- *Geological boundary - inferred*
- *Geological boundary - transitional*
- *Fault - position approximate*
- *Fault - inferred*
- *Fault - concealed*
- *Scarp at edge of basalt plateau*
- *Airphoto lineament*
- *Notable small outcrop or float / lag occurrence*

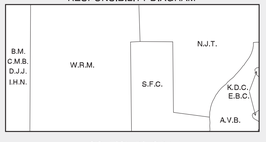
- *Strike and dip of bedding – right way up; overturned; facing unknown.*
- *Strike of vertical bedding, facing unknown.*
- *Strike and dip of cleavage – relative local age S1; vertical.*
- *Trend and plunge of minor fold hinge line, unspecified relative age, vergence sinistral; with dip and dip direction of axial surface.*
- *Strike and dip of dominant joint set; vertical.*
- *Strike and dip of foliation due to alignment of hornblende and/or biotite in granitic rock; vertical.*
- *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.*

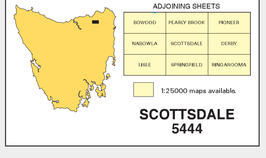
Digital base information from Information and Land Services Division, Department of Primary Industries, Water and Environment.

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




LOCATION DIAGRAM

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WARNING: INKS ARE LIGHT SENSITIVE