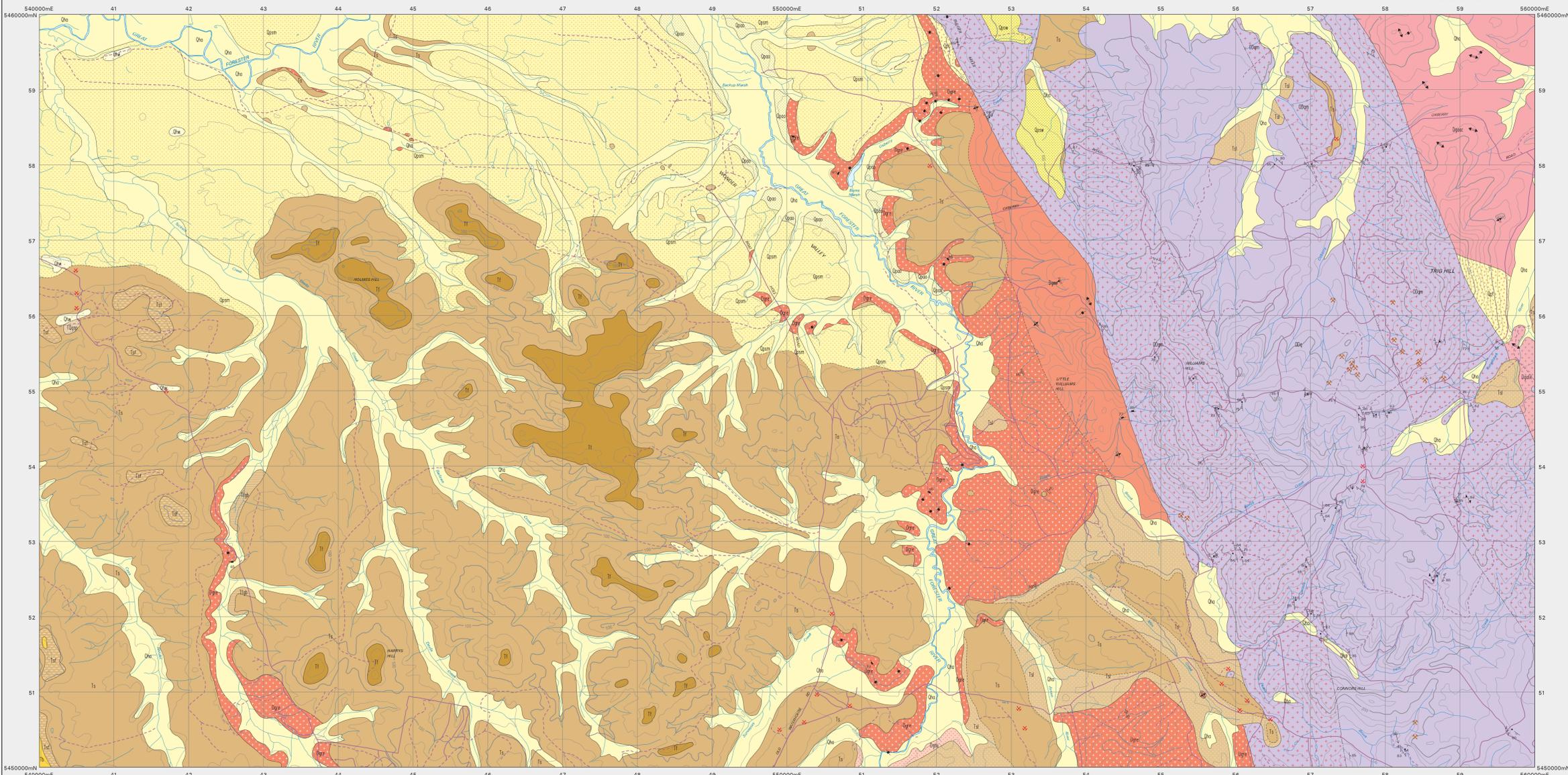
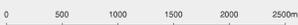


PEARLY BROOK

MINERAL RESOURCES TASMANIA
DIGITAL GEOLOGICAL ATLAS 1:25 000 SERIES
PEARLY BROOK, SHEET 5445

Scale: 1:25 000



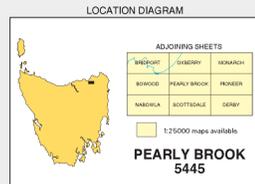
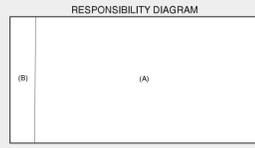
Compiled by M.P. McChughan, 1994 from the following sources (see responsibility diagram):
A Geological atlas 1:50,000 series, sheet 32 (8415N) Ringarooma 1977, Tasmania Department of Mines.
B Geological atlas 1:50,000 series, sheet 33 (8532N) Pearly Brook 1985, Tasmania Department of Mines.

QUATERNARY	
Qha	Stream alluvium, swamp and marsh deposits (Qha).
Qhw	Windblown sand (Qhw).
Qpm	Marine terrace, sand with shells, clay and organic material (Qpm).
Qps	Older alluvium of river terraces (Qps).
Qpsw	Older aeolian sand and sand dunes (Qpsw).
Qp	Talus (Qp).
T0gsp	Quartz granite sand with pebbles (T0gsp).
TERTIARY	
Ts	Conglomerate, gravel, sand, silt, mud and clay (Ts).
Tb	Basalt (Tb).
Tsf	Sands and gravels cemented by iron oxides (Tsf).
Tal	Gravel lag (Tal).
Tf	Ferriarite (Tf).
Tfgr	Grey-billy and silcrete (Tfgr).
Unconformity	
ORDOVICIAN - SILURIAN (?) - EARLY DEVONIAN	
ODq	Quartzite turbidite sequence of interbedded sandstone, siltstone and mudstone with sandstone dominant (ODq); contact metamorphosed by granitic intrusion (ODqm).
ODq	(ODq; Mathinna Group).

IGNEOUS ROCKS	
TERTIARY	
Tb	Basalt (Tb).
DEVONIAN	
BLUE TIER BATHOLITH	
Dgbr	Equigranular, fine- to coarse-grained, biotite-muscovite alkali-feldspar granite/sandstone (Dgbr).
Dgpc	Coarse-grained porphyritic (K-feldspar) to equigranular biotite-muscovite granite/sandstone (Dgpc).
SCOTTSDALE BATHOLITH	
Dgbr	Medium- to very coarse-grained biotite +/- hornblende oligoclase/andesite (Dgbr); variety equigranular, sericite or sparsely porphyritic (K-feldspar phenocrysts up to 30mm), medium- to coarse-grained biotite +/- hornblende coarsely granularite (Dgbr).
Dgpc	Equigranular, medium- to coarse-grained biotite-hornblende granularite (Dgpc).

/ \	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 S2 vertical.
∕ ∕	Strike and dip of cleavage or foliation, relative local age S2.
∕ ∕	Trend and plunge of minor fold hinge line, unspecified relative age, 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 K-feldspar phenocrysts in granitic rock; vertical.
∕ ∕	Trend of preferred orientation of K-feldspar phenocrysts in granitic rock.
∕ ∕	Strike and dip of foliation due to alignment of hornblende and/or biotite in granitic rock.
∕ ∕	Trend of preferred orientation of hornblende and/or biotite in granitic rock.
∕ ∕	Trend and plunge of minor fold hinge line, relative local age T1, vergence sinistra.
∕ ∕	Mineral deposit location - hardrock } Data derived from Mineral Resources Tasmania (DEPOSITS) data base. Data point position has not been verified in every case.
∕ ∕	Mineral deposit location - alluvial } Data derived from Mineral Resources Tasmania (DEPOSITS) data base. Data point position has not been verified in every case.
∕ ∕	Construction materials location - Data derived from Mineral Resources Tasmania (DEPOSITS) data base. Data point position has not been verified in every case.

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



Base data from the LIST, Copyright State of Tasmania.
Map produced by the Data Management Branch of Mineral Resources Tasmania using GIS software.
AID66 - AMG Zone 55. Contour Interval: 20 metres.
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