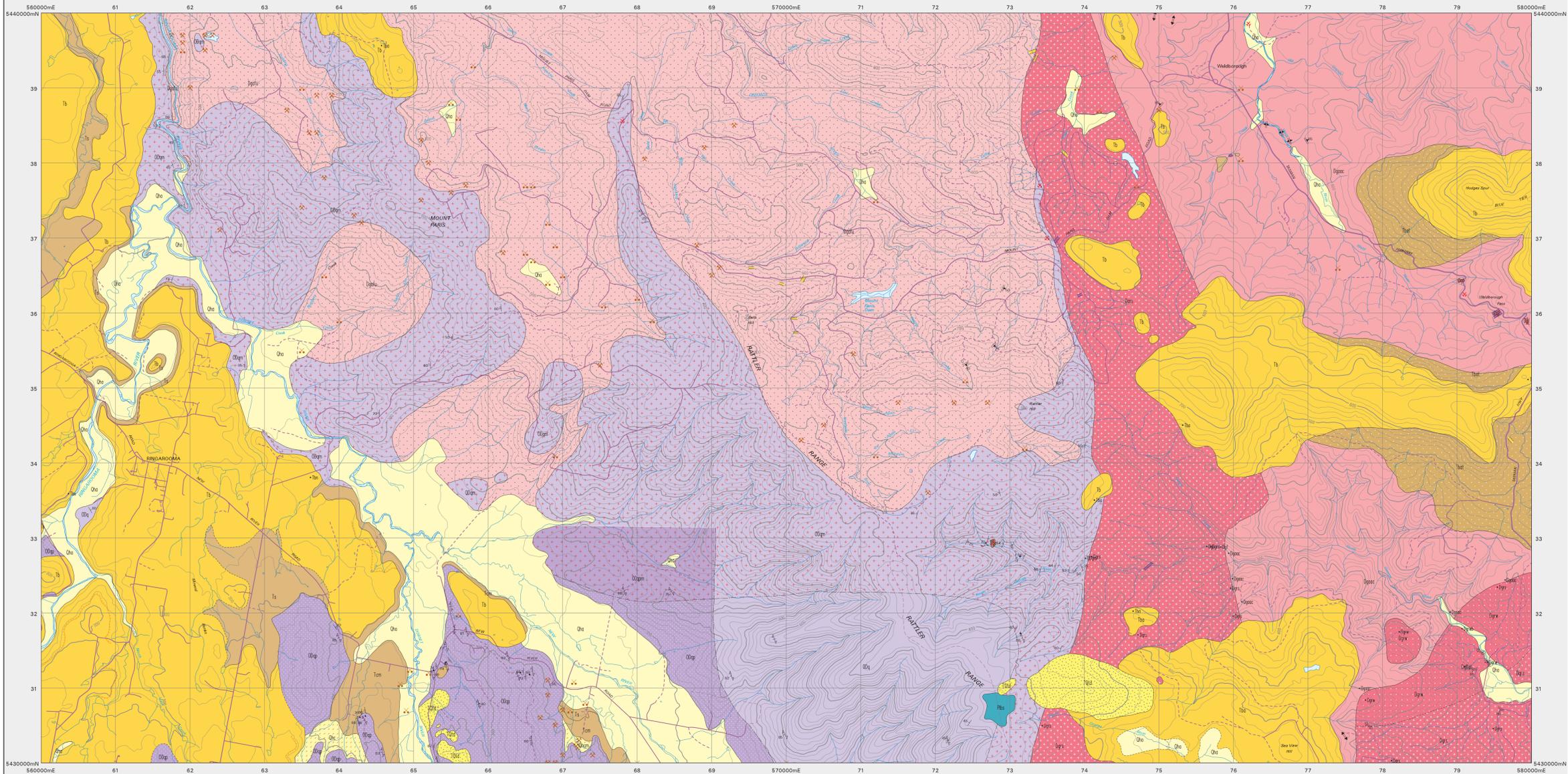


RINGAROOMA

Scale: 1:25 000



QUATERNARY	Symbol	Description
Qha	Yellow stippled	Stream alluvium, swamp and marsh deposits (Qha).
Qhs	Yellow dotted	Calvarium (Qhs); sand derived from Mathinna Group (Qhsm).
Qtd	Yellow with dots	Probably older boulder deposits consisting of dominantly dolerite (Qtd).
TERTIARY	Symbol	Description
Ta	Orange	Conglomerate, gravel, sand, silt, mud and clay (Tb) conglomerate with rounded clasts of Mathinna Group and very rare weathered dolerite, often partially cemented by iron oxides (Tcm); basaltic rock (Ta).
Tb	Light orange	Basaltic rock (Tb).
Tbat	Dark orange	Agglomerate and tuff (Tbat).
Unconformity		
PERMIAN	Symbol	Description
Pba	Blue	Poorly sorted pebbly mudstone, sandstone and minor conglomerate, marine fossils present in places (Pba).
Unconformity		
ORDOVICIAN-SILURIAN-EARLY DEVONIAN	Symbol	Description
ODa	Light blue	Quartzite turbidite sequence of interbedded sandstone, siltstone and mudstone with sandstone dominant (ODa); contact metamorphosed by granitic intrusion (ODg); quartzite turbidite sequence of sandstone, siltstone and mudstone with significant mudstone (ODg); contact metamorphosed by granitic intrusion (ODgm); (ODg); Mathinna Group.
IGNEOUS ROCKS	Symbol	Description
Ta	Orange	Basalt (Ta), alkali basalt (Tba), olivine nephelinite (Tbn).
DEVONIAN(?)	Symbol	Description
Dd	Purple	Dolerite dyke (Dd).

MINOR GRANITIC INTRUSIONS	
Dgh	Alphie (Dgh); aplite granite (Dga).
Dgl	Quartz-feldspar porphyry (Dgl).
BLUE TIER BATHOLITH	
Dgaf	Biotite-muscovite alkali-feldspar granite-orthogneiss (Dgaf); feldsparite, fine to coarse grained, biotite-muscovite alkali-feldspar granite-orthogneiss (Dgaf).
Dgao	Coarse-grained porphyritic (K-feldspar) to equigranular biotite-muscovite granite-biotite (Dgao).
Dgpa	Medium-grained, equigranular to rarely porphyritic (K-feldspar), hornblende-biotite granodiorite and subordinate biotite granodiorite. Locally with a strong grain foliation. Locally has usually strongly magnetic susceptibility typically 0.02 to 0.08 SI (Dgpa).
Dgpb	Medium-grained, equigranular to rarely porphyritic (K-feldspar), hornblende-biotite granodiorite and subordinate biotite granodiorite. Locally with a strong grain foliation. Usually magnetic susceptibility < 0.005 SI (Dgpb).
Dgpc	Medium-grained, equigranular to rarely porphyritic (K-feldspar) biotite granodiorite. Usually magnetic susceptibility < 0.005 SI (Dgpc).

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

/ /	Strike and dip of bedding - right way up; facing unknown.
/ \	Strike and dip of cleavage - relative local age St vertical.
—	Strike of vertical kink band sinistral.
—	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.
—	Strike and dip of dyke or vein with rock or mineral type indicated; vertical.
—	Mineral deposit location - hardrock
—	Mineral deposit location - alluvial
—	Construction materials location

Geology based on:
BRIDGMAN, A.V., McCLENNAGHAN, M.P., MOORE, W.B., TURNER, N.J., McCLENNAGHAN, J., WILLIAMS, P.R., BAILLIE, P.W., CORRETT, K.D., CORRETT, E.L., COX, S.E., GIBSON, G.J., PIRRI, G.F., 1977, Geological atlas 1:50 000 series, sheet 32 (BANS), Ringarooma, Department of Mines, Tasmania. McCLENNAGHAN, M.P., EVERARD, J.L., GOSWAMI, B.L., FINLAY, B.L., CALVERT, G.R., 1983, Geological atlas 1:50 000 series, sheet 40 (B415), Alberton, Department of Mines, Tasmania.
Compiled by M.P. McClellan.

Base data from the LIST, Copyright State of Tasmania.
Map produced by the Data Management Branch of Mineral Resources Tasmania using GIS software.

A0064 - AM0 Zone 55. Contour Interval: 20 metres.

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