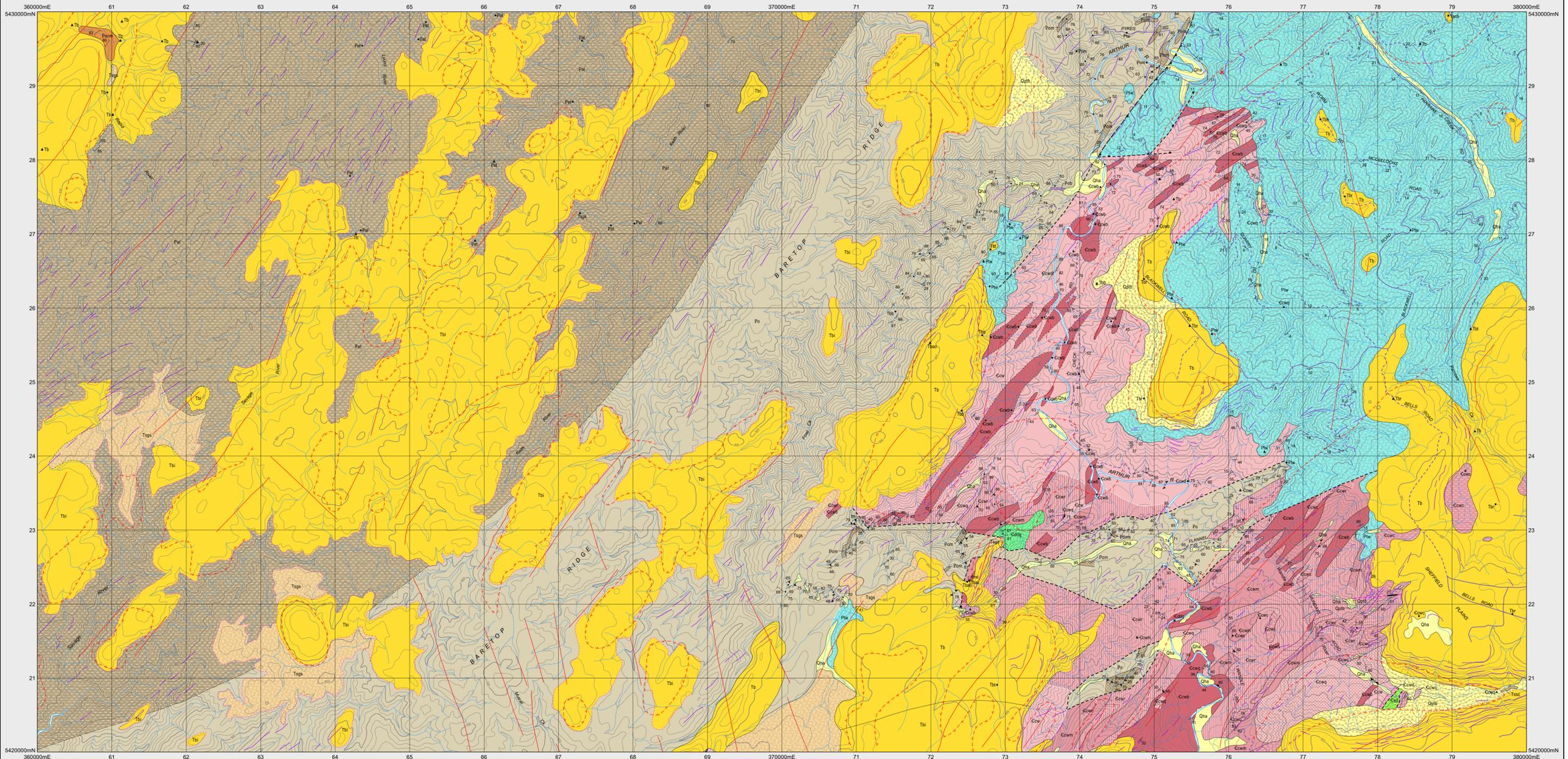


BARETOP

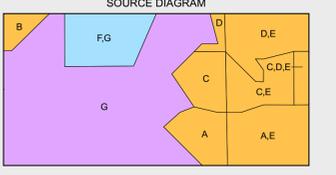
Scale 1:25 000



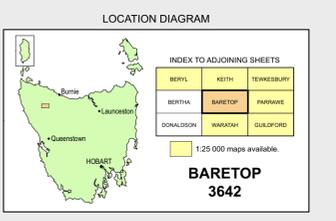
CENOZOIC	QUATERNARY	Qha	Stream alluvium, swamp and marsh deposits (Qha).
	PLEISTOCENE-HOLOCENE	Qpb	Basalt talus (Qpb).
PALEOGENE(?)	Tb	Basalt (Tb); basalt inferred from air photographs and/or geophysical data (Tbi); olivine tholeiite (Tbt); transitional olivine basalt (Tbt); alkali olivine basalt (Tbao); hawaiite (Tbh); basaltite (Tbs) and nepheline hawaiite (Tbn) indicated.	
	Tsac	Sand, silt and conglomerate, interbedded with basalt (Tsac).	
CARBONIFEROUS	Tsga	Interbedded siliceous gravel, quartz sand and clay (Tsga).	
	Tbat	Agglomerate and tuff (Tbat).	
PALEOZOIC	EARLY CAMBRIAN	Ccw	Micaceous quartzose lithicwacke with interbedded siltstone, mudstone and minor mafic tuff (including Crescent Spur Sandstone) (Ccw).
	LOWER SILURIAN SUPERGROUP	Ccw	Interbedded grey, brown and maroon chert, shale and argillite (Ccw).
NEO-PROTEROZOIC	EARLY CAMBRIAN	Ccam	Volcaniclastic lithicwacke with interbedded siltstone, mudstone and minor mafic tuff (Ccam).
	EARLY CAMBRIAN	Ccw	Red, maroon and brown argillaceous siltstone and mudstone (Ccw).
NEO-PROTEROZOIC	EARLY CAMBRIAN	Ccaw	Interbedded fine-grained dolostone, carbonaceous mudstone and laminated chert (Ccaw).
	EARLY CAMBRIAN	Ccawd	Impure limestone (Ccawd).
NEO-PROTEROZOIC	EARLY CAMBRIAN	Ccwb	Fine- to coarse-grained, aphyric to plagioclase + clinopyroxene-phyric tholeiitic basalt, with locally developed pillows and minor intercalated tuff (includes correlative of Deep Creek Volcanics) (Ccwb).
	EARLY CAMBRIAN	Ccwp	Sequence of interbedded phyllite, phyllitic mudstone and siltstone, basaltic lithicwacke and dolomite (380000mE, 5420000mN) (Ccwp).
			Faulted contacts (major thrusts) of Early Cambrian rocks with Oonah Formation.

NEO-PROTEROZOIC	TONIAN	Pom	Thinly bedded, dark grey, slaty to relatively massive pelitic siltstone and mudstone (Pom).
	KEITH CONIFER	Pom	Dominantly greywacke and pelitic siltstone/mudstone (Pom).
NEO-PROTEROZOIC	KEITH CONIFER	Pom	Graded beds of quartzwacke, interbedded with pelitic siltstone and mudstone (Po).
	KEITH CONIFER	Pom	Transitional metamorphic boundary.
NEO-PROTEROZOIC	KEITH CONIFER	Pat	Quartz-mica schist with lesser quartzite, phyllite and rare dolostone (Pat).
	KEITH CONIFER	Pacm	Phyllitic mudstone, siltstone and quartz-mica schist (correlate of Bowry Formation) (Pacm).
INTRUSIVE ROCKS		Cddg	Dolerite and microgabbro (Cddg).
INTRUSIVE ROCKS		Cxd	Dominantly serpentinized layered dunite and harzburgite (Cxd).
INTRUSIVE ROCKS		Pob	Alkali dolerite (probable correlative of the Coose Dolerite) (Pob).
CONTACTS			Geological contact.
CONTACTS			Geological contact - inferred.
CONTACTS			Geological contact - inferred from magnetic data.
CONTACTS			Geological contact - inferred from radiometric data.
CONTACTS			Geological contact - inferred from digital terrain model.
CONTACTS			Transitional geological contact.
CONTACTS			Igneous intrusive contact.
CONTACTS			Limit of mapping of sub-unit within undifferentiated rock unit.
FAULTS			Fault - inferred.
FAULTS			Fault - concealed.
FAULTS			Fault - inferred from radiometric data.
FAULTS			Normal fault (downthrown side indicated).
FAULTS			Normal fault (downthrown side indicated) - inferred.
FAULTS			Thrust fault (teeth on upper plate).
LINEARS			Lineament - visible in magnetic data.
LINEARS			Lineament - visible in digital terrain model.
LINEARS			Magnetic gradient or lineament (direction towards lower values indicated).

↗	Strike and dip of bedding, facing known - right way up; overturned; vertical, facing indicated by single tic.
↘	Strike and dip of bedding, facing unknown - dipping; vertical.
—	Horizontal bedding.
↗ ↘	Strike and dip of cleavage of unspecified type and relative age; parallel to bedding, facing unknown.
↗ ↘	Strike and dip of crenulation cleavage - dipping.
↗ ↘	Strike and dip of cleavage, relative local age S ₁ .
↗ ↘	Strike of vertical cleavage, relative local age S ₂ .
↗ ↘	Strike and dip of metamorphic foliation other than cleavage.
↗ ↘	Strike and dip of outcrop-scale fault of unspecified relative age, type unspecified.
↗ ↘	Strike and dip of dominant joint set.
↗ ↘	Trend and plunge of minor fold hinge line, unspecified relative age; with dip and dip direction of axial surface; with vertical axial surface.
↗ ↘	Trend and plunge of minor fold hinge line, relative local age F ₁ , with dip and dip direction of axial surface.
↗ ↘	Generalised paleocurrent direction, showing sense of movement; polarity unspecified.
↗ ↘	Strike and dip of cataclastic foliation.
↗ ↘	Strike and dip of ductile shear-band.
↗ ↘	Strike and dip of dyke or vein, vertical. Dolerite dyke (Pnd).
↗ ↘	Dip of geological contact of unspecified type.
•	Field station for adjacent readings on the map.
•	Notable small outcrop with rock unit indicated.
▲	Notable small float or lag occurrence with rock unit indicated.
✕	Construction material/industrial mineral/gemstone location.



Compiled by G.V. Cumming, B.Sc.(Hons); J.L. EVERARD, B.Sc.(Hons) and C.J. JACKMAN, B.Sc.(Hons) M.EconGeol., 2024 from the following sources (see source diagram):
A. G.V. Cumming, Field mapping 2019-2020.
B. J.L. Everard, Field mapping 2017.
C. J.L. Everard, Field mapping 2020-2021.
D. C.J. Jackman, Field mapping 2019-2020.
E. BAILE, P.W.; WILLIAMS, P.R.; SEYMOUR, D.B.; LENNOX, P.G. and GREEN, G.R. 1986. Geological Atlas 1:50 000 Series, Sheet 36 (B07A), St. Valentines, Tasmanian Department of Mines.
F. GARDNER, D. 1993. EL40/1989 Keith River, Reinvestigation and Annual Report, December 1992 - December 1993. Geoscan List (TFS 03-320).
G. J.L. Everard and G.V. Cumming, Interpretation of geophysical data (radiometrics, magnetics) and imagery (LiDAR and airphoto).



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Website: www.mrt.tas.gov.au
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