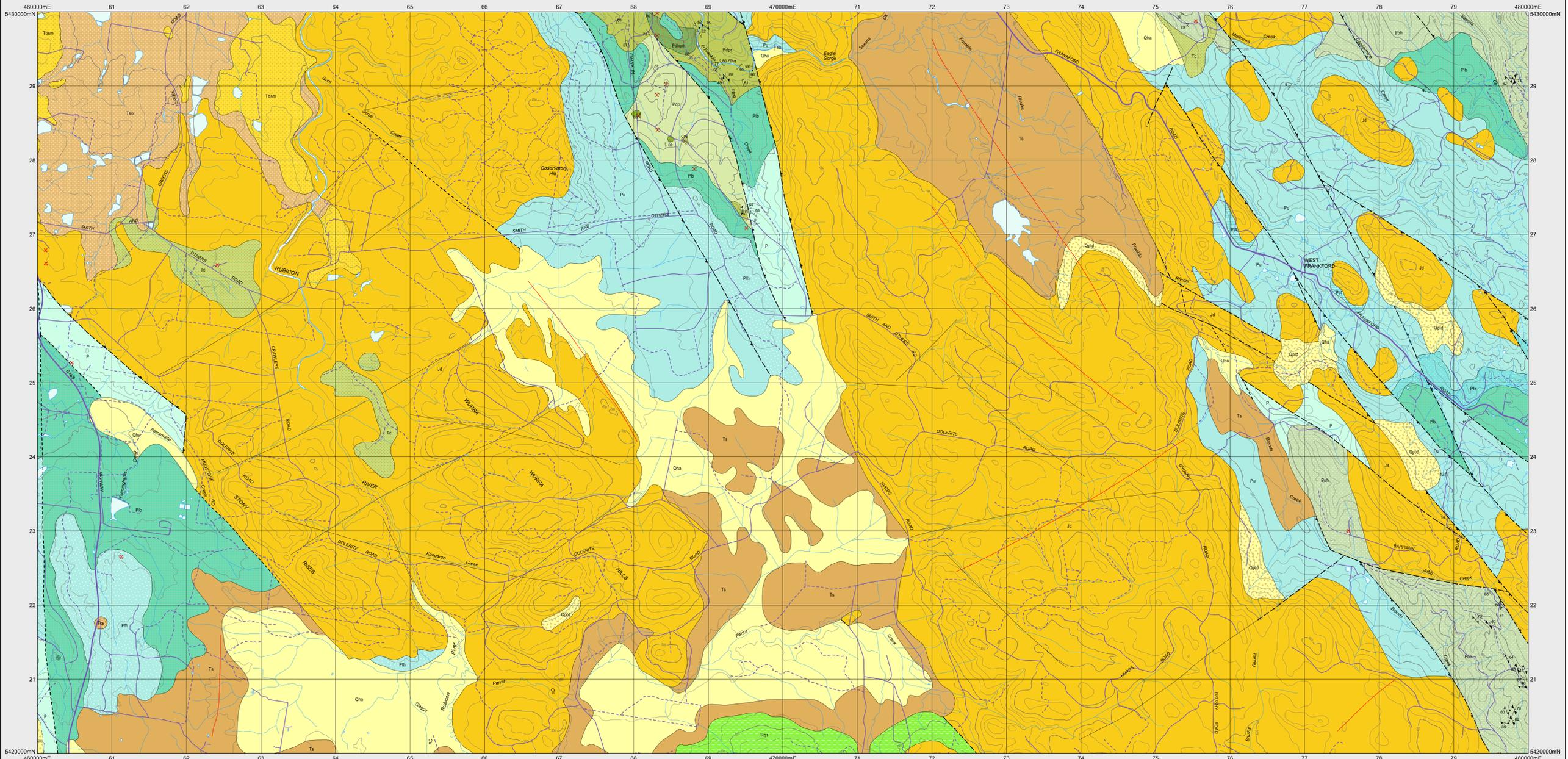


WEST FRANKFORD

Scale 1:25 000

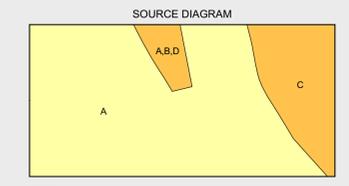


CENOZOIC	QUATERNARY	
	Qha	Stream alluvium, swamp and marsh deposits (Qha).
	Qpdc	Talus consisting dominantly of dolerite boulders (Qpdc).
PALEOGENE - NEOGENE	Ts	Undifferentiated Paleogene - Neogene sediments: dominantly non-marine sequences of gravel, sand, silt, clay and ragpitt (Ts).
	Tca	Conglomerate, gravel and grit (Tca).
	Tcs	Semi-consolidated siliceous gravel and fine-grained sand (Tcs).
	Tcs	Sand, quartzite gravel and clay, including interbasalt deposits (Wesley Vale Sand) of Oligocene age (Tcs).
	Tbas	Olivine basalt, deeply weathered in most areas, dated at 25.8 ± 0.2 Ma (Moranby Basalt) (Tbas).
MESOZOIC	TRIASSIC	
	Rsa	Erosional surface.
	Pst	Cross-bedded quartz sandstone, feldspathic sandstone and shale (Pst).
	Pu	Undifferentiated Permo-Carboniferous sediments (P). Carbonaceous sandstone and shale (Pu).
	P	Upper glauconitic sequences of pebbly mudstone, pebbly sandstone and limestone (Pu).
	Ph	Quartz sandstone and shale, carbonaceous in some places, and minor conglomerate (Ph).
	Phs	Dominantly well-sorted quartz sandstone, normally cross-bedded or laminated and commonly with interbedded and laminated carbonaceous shale, lesser conglomerate and rare coal (Phs).
	Pib	Poorly sorted pebbly mudstone, sandstone and minor conglomerate, marine fossils present in places (Pib).

PROTEROZOIC	NEO-PROTEROZOIC	
	Edp	Undifferentiated sequences of predominantly mudstone, shale, slate and phyllite, with sandstone, siltstone, chert, basalt, dolostone, conglomerate and calcisiltite, strongly faulted in most areas (Port Sorell Formation) (Edp).
	Edpcc	Chert, thinly interbedded with shale in most areas (Edpcc).
	Edpdr	Slate with lesser interbedded dolomitic conglomerate, and minor quartzarenite and impure dolostone (Edpdr).
	Poh	Sandstone, slate and phyllite (Poh).
PROTEROZOIC	MESOZOIC	
	Jd	Dolerite and related rocks (Jd).
	Etdpdr	Dolerite in Port Sorell Formation (Etdpdr).

CONTACTS	
—	Geological contact.
---	Geological contact - inferred.
---	Limit of mapping of sub-unit within undifferentiated rock unit.
FAULTS	
---	Fault.
---	Fault - inferred.
---	Normal fault (downthrown side indicated).
---	Thrust fault (teeth on upper plate).
LINEARS	
---	Lineament - visible on aerial photographs.
---	Lineament - visible in magnetic data.

↗	Strike and dip of bedding - right way up; overturned; facing unknown.
↘	Strike and dip of cleavage of unspecified type and relative age.
↗ ↘	Strike and dip of cleavage, relative local age S ₁ ; S ₂ ; S ₃ .
•	Field station for adjacent readings on the map.
•	Macrofossil location.
✕	Mineral deposit location - hardrock.
✕	Construction material/industrial mineral/gemstone location.



Compiled by A.R. Reed, B.Sc.(Hons), Ph.D. and C.R. Calver, B.Sc.(Hons), Ph.D. 2002 from the following sources (see source diagram):
A GULLINE, A.B., BRAVO, A.P. and NACVI, I.H. 1973. Geological Atlas 1:63 360 Series, Sheet 38 Frankford, Tasmanian Department of Mines.
B C.R. Calver, B.Sc.(Hons), Ph.D. - new mapping 1998-2000.
C A.R. Reed, B.Sc.(Hons), Ph.D. - new mapping 1998-2000.
Updated by:
D Vicary, M. 2005. Additional map completion and review of existing maps in western Tasmania. Mineral Resources Tasmania US200505, with additional data from CALVER, C. and REED, A.R., Chapter 7, Port Sorell Formation, in REED, A.R. (2001). Structure and setting of Proterozoic and Palaeozoic rocks in the Tamar region, Northern Tasmania. Geol. Soc. Aust. Specialist Group Field Guide No. 9.

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