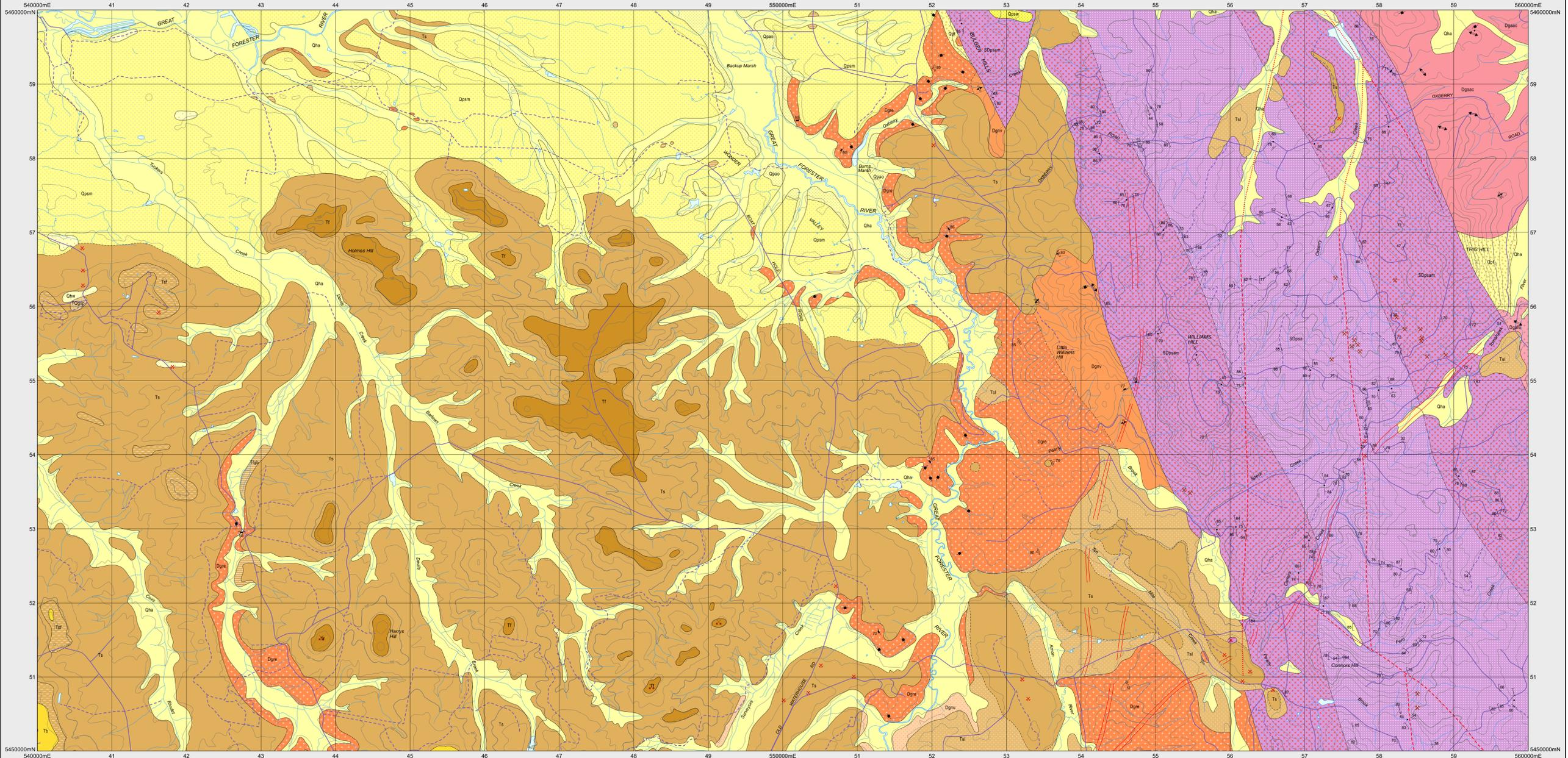


PEARLY BROOK

Scale 1:25 000



CENOZOIC		QUATERNARY	
CENOZOIC DEVONIAN LOWER DEVONIAN	Qha	Stream alluvium, swamp and marsh deposits (Qha).	HOLOCENE
	Qhw	Windblown sand (Qhw).	
	Qpsm	Marine terrace: sand with shells, clay and organic material (Qpsm).	PLEISTOCENE
	Qpsp	Older alluvium of river terraces (Qpsp).	
	Qpsw	Older aeolian sand and sand dunes (Qpsw).	
	Qpt	Undifferentiated talus deposits (Qpt).	
	TQsp	Quartz granule sand with pebbles (TQsp).	
	Ts	Conglomerate, gravel, sand, silt, mud and clay (Ts).	
	Tb	Basalt (Tb).	
	Tsf	Sands and gravels cemented by iron oxides (Tsf).	
Tel	Gravel lag (Tel).		
Tf	Ferricrete (Tf).		
Tfgh	Grey-billy and siltstone (Tfgh).		
	Unconformity.		
	SDpsa	Dominantly medium- to fine-grained turbiditic quartz-rich sandstone, with some interbedded siltstone. Rare vesicular plant fossils (SDpsa). Contact metamorphosed by granitic intrusion (SDpsam). (SDpsa, SDpsam: possible correlates of Seeling Sandstone).	

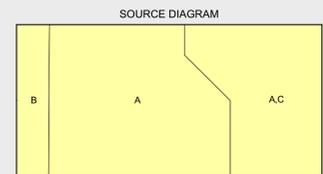
CENOZOIC - PALEOGENE - NEOGENE		IGNEOUS ROCKS	
CENOZOIC DEVONIAN MIDDLE DEVONIAN	UPPER DEVONIAN	Tb	Basalt (Tb).
		Dgla	Fine- to coarse-grained, equigranular biotite-minor muscovite alkali feldspar granite/monzogranite (Dgla).
		Dgaac	Coarse-grained, porphyritic (K-feldspar) to equigranular biotite-minor muscovite monzogranite (Dgaac - Palmyra Granite, K-type).
		Dgru	Medium- to very coarse-grained, equigranular to porphyritic biotite ± hornblende monzogranite/granodiorite (Dgru).
		Dgrv	Medium- to coarse-grained, variably equigranular, seriate or sparsely porphyritic (K-feldspar phenocrysts up to 30mm) biotite hornblende monzogranite/granodiorite (Dgrv).
		Dgre	Medium- to coarse-grained biotite-hornblende granodiorite (Dgre).

CONTACTS	
—	Geological contact.
- - -	Geological contact - inferred.
- · - · -	Transitional geological contact.

FAULTS	
- - - - -	Fault - inferred from magnetic data.
- · - · -	Fault - concealed, inferred from magnetic data.

LINEARS	
—	Lineament - visible in magnetic data.

↘ ↗	Strike and dip of bedding - right way up; overturned; facing unknown.
↘ ↗	Strike of vertical bedding, facing unknown.
↘ ↗	Strike and dip of cleavage, type and relative age unspecified - dipping; vertical.
↘ ↗	Trend and plunges 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.
•	Field station for adjacent readings on the map.
✕	Mineral deposit location - hardrock.
✕	Mineral deposit location - alluvial/tailings.
✕	Construction material/industrial mineral/gemstone location.



Orange	Highly detailed (eg. more detailed than 1:25 000 scale mapping).
Yellow	Detailed systematic (eg. 1:25 000 map or equivalent detail).
Light Green	Regional systematic (eg. 1:50 000, 1:63 360 map or equivalent detail).
Dark Green	Regional mapping less detailed than 1:63 360 map or equivalent (all other scales).
Blue	Reconnaissance mapping with sparse ground traverses.
Purple	Remote sensing and/or geophysical interpretation with limited or no ground information.

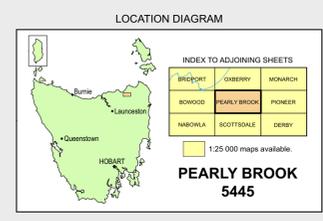
Compiled by M.P. McClenaghan, B.Sc.(Hons), Ph.D., 1994 from the following sources (see source diagram):
 A. BROWN, A.V., McCLENAGHAN, M.P., MOORE, W.R., TURNER, N.J., McCLENAGHAN, J., WILLIAMS, P.F., BAILEY, P.W., CORBETT, K.D., CORBETT, E.R., COX, S.F. & GROVES, D.J. 1977. Geological Atlas 1:50 000 Series, Sheet 32 (8415N), Ringarooma: Tasmania Department of Mines.
 B. MARSHALL, B., BARTON, C.M., JENNINGS, D.J., NAQVI, I.H. 1965. Geological Atlas 1:63 360 Series, Sheet 31 (8315N), Pipers River: Tasmania Department of Mines.
 C. M.J. Vicary 2008-2010. Limited geological traverses and interpretation of airborne geophysical data as part of the TailExplore Project.

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 Website: www.mrt.tas.gov.au
 GDAS - MGA Zone 55. Contour Interval: 20 metres.



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BOWDOW	PEARLY BROOK	PIONEER	
NANDORA	SCOTTSDALE	DERBY	

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