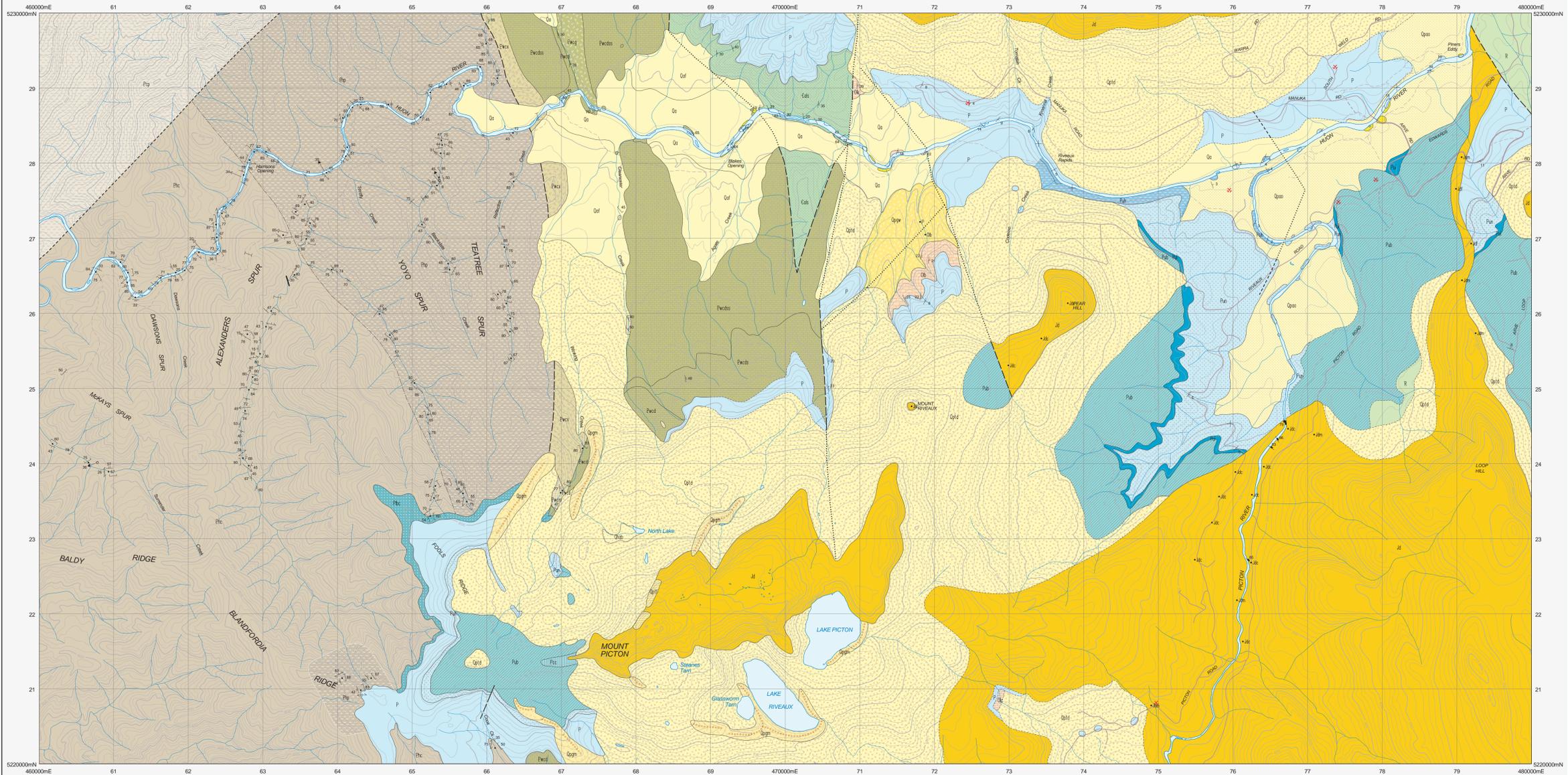
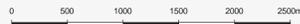


# PICTON

Scale: 1:25 000



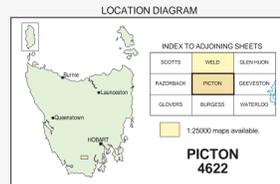
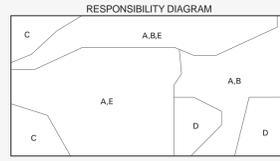
CENOZOIC		PALEOZOIC	
QUATERNARY		PERMIAN	
Qa	Alluvial sand, gravel and clay (Qa). Alluvial fans (Qaf). Some alluvial terrace deposits indicated (Qat).	P	Non-marine sedimentary rocks of Upper Permian Supergroup (P)
Qhb	Swamp and marsh deposits (Qhb).	Pb	Fine-grained, slightly feldspathic quartz sandstone (Pbc, correlate of Cynnet Coal Measures).
Qpld	Take consisting of Jurassic dolerite boulders (Qpld).	Pu	Generally unfossiliferous medium to thick-bedded marine siltstone and sandstone with limestones (Pu, correlate of Beale Bay Formation).
Qpm	Till of undissected moraines (Qpm).	Pu	Well-sorted, fine-to coarse-grained marine feldspathic sandstone with quartz granules and pebbles (Pu, correlate of Rison Sandstone).
Qpw	Weathered till (Qpw).	Pu	Medium to thick-bedded, generally poorly fossiliferous pebbly marine siltstone and sandstone, glauconitic in places (Pu, correlate of Mistake Point Formation).
Qpd	Deeply weathered dolerite boulder deposits including till (Qpd).	Pu	Thin to thick-bedded, generally richly fossiliferous marine mudstone, siltstone and sandstone with limestones (Pu, correlate in part of Deep Bay Formation).
Qpt	Dolerite tuffites (Qpt).	Pu	Cross-bedded quartz sandstone (Ptk, correlate in part of Faulner Group).
	Erosional surface.	Pu	Interbedded conglomerate and poorly-sorted pebbly sandstone (Pbc).
		Pu	Dark grey pebbly diamictite (Ptx).

PALEOZOIC		NEOZOIC	
ORDOVICIAN		WELD RIVER GROUP	
Ob	Dolomitic, micritic limestone (Ob, correlate of Benjamin Limestone).	Ew	Predominantly mudstone, slate and siltstone (Ew).
Od	Oncolitic calcarenite (Od, correlate of Coshiona Creek Limestone).	Ewc	Predominantly block dolomitic diamictite (Ewc).
Ok	Micritic limestone, sparsely with chert nodules (Ok, correlate of Kamberrig Limestone).	Ewd	Predominantly massive, fine-grained dolostone (Ewd). Variably silicified dolostone (Ewd); log of silicification products (Ewd).
	Inferred unconformity.		Inferred low-angle unconformity.
		Ecp	Slate and phyllite with minor quartzite, dolostone and quartzitic conglomerate (Ecp).
		Eph	Block slate and phyllite with minor quartzite and diamictite (Eph).
		Etc	Turbiditic, quartz-rich silic sandstone and conglomerate of sedimentary provenance, interlayered with block slate and phyllite (Etc).

MESOZOIC	
JURASSIC	
Jd	Dolerite (Jd). Dolerite of grain size 0 - 15mm (Jd1); 15 - 5mm (Jd2); and > 5mm (Jd3) dolerite.

INTRUSIVE ROCKS	
Geological boundary - position approximate.	Strike and dip of bedding - right way up; overturned; facing unknown, vertical with facing indicated by single tic.
Geological boundary - inferred.	Strike of vertical bedding, facing unknown.
Transitional geological boundary.	Horizontal bedding.
Marine ridge crests.	Strike and dip of cleavage of unspecified type and relative age - dipping; vertical.
Fault - position approximate.	Strike and dip of crenulation cleavage; vertical.
Fault - inferred.	Trend and plunge of minor fold hinge line, unspecified relative age, with dip and dip direction of axial surface.
Fault - concealed.	Trend and plunge of minor fold hinge line, relative local age F1, F2.
(white line) Limit of mapping of sub-unit within undifferentiated rock unit.	Trend and plunge of lineation of unspecified type.
	Trend and plunge of lineation I2 formed by intersection of cleavages or foliations of relative local ages S1 and S2.
	Trend and plunge of crenulation lineation.
	Strike and dip of dominant joint set; vertical.
	Strike and dip of outcrop-scale fault, type unspecified.
	Notable small outcrop, with rock type indicated.
	Field station for adjacent readings on the map.
	Construction material/industrial mineral/gemstone location

Compiled by C.R. Calver, B.Sc. (Hons), Ph.D. and J.L. Everard, B.Sc. (Hons), 1990 from the following sources (see responsibility diagram):  
 A. C.R. Calver, 1996-1998, 1:25 000 scale mapping.  
 B. J.L. Everard, 1996-1998, 1:25 000 scale mapping.  
 C. C.R. Calver, 1999, extrapolation and inference.  
 D. J.L. Everard, 1999, extrapolation and inference.  
 Updated by:  
 E. M.J. Vicary, 2004 as part of the Western Tasmanian Regional Minerals Program.



REFERENCE THIS MAP AS:  
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Base data from the LIST, Copyright State of Tasmania.  
 Map produced by the Geoscience Information Branch of Mineral Resources Tasmania using G.I.S. software.  
 GDA84 - MGA Zone 55. Contour interval: 20 metres.



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