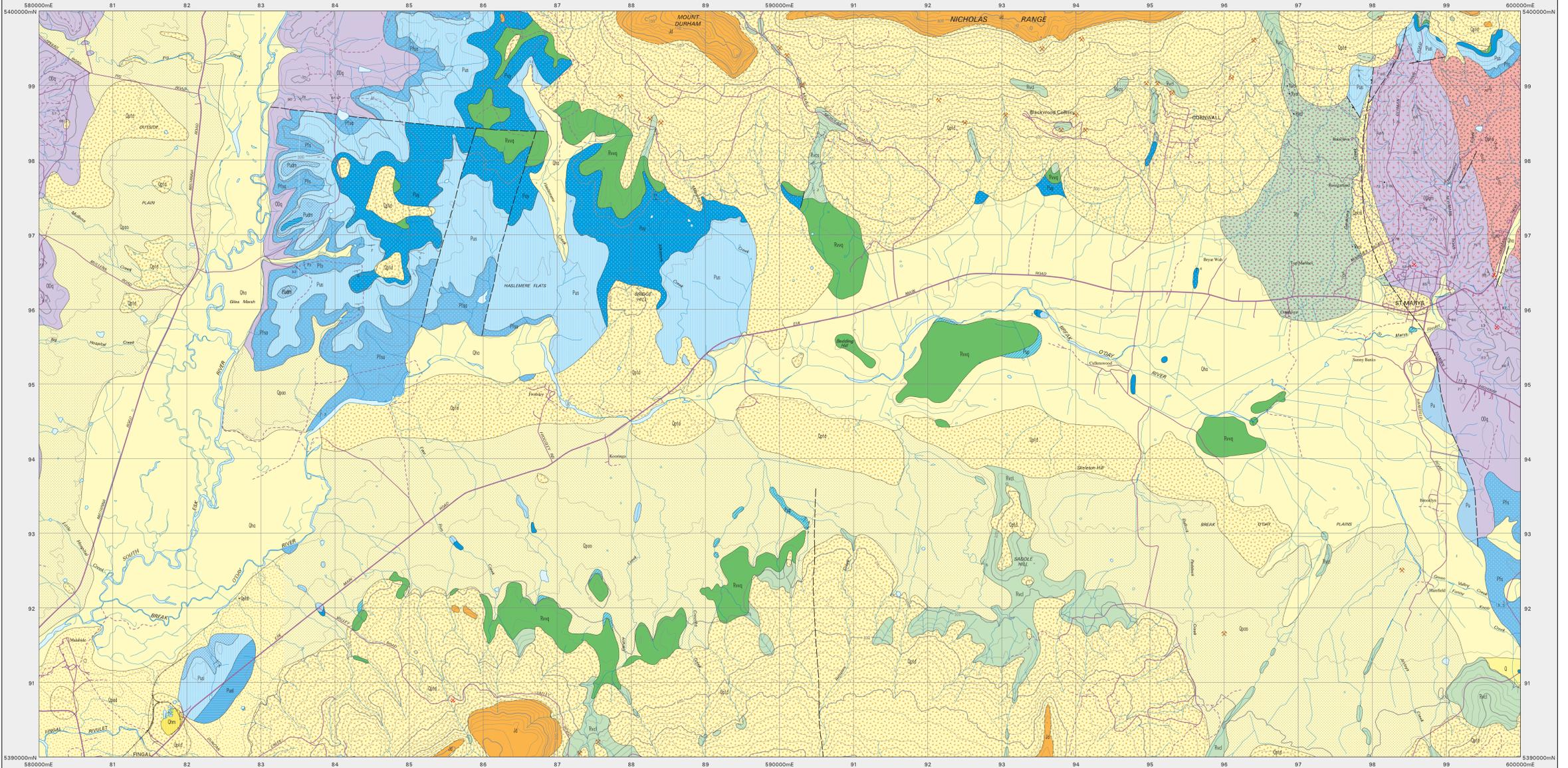


ST MARYS

Scale: 1:25 000



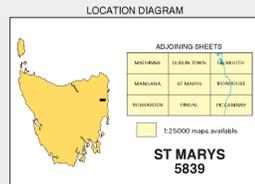
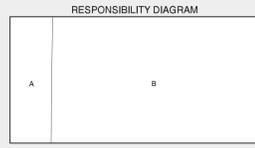
CAMBODIAC		QUATERNARY	
PLEISTOCENE-HOLOCENE	Qhm	Mine tailings and man disturbed ground (Qhm).	
	Qha	Stream alluvium, swamp and marsh deposits (Qha).	
	Qpaa	Older alluvium of river terrace, predominantly dolerite derived (Qpaa).	
	Qpao	Older alluvium of river terraces (Qpao).	
	Qptm	Talus consisting dominantly of dolerite boulders (Qptm).	
	Qptn	Mafic igneous rocks (Qptn).	
MESOZOIC		TRIASSIC	
	Rvcl	Dominantly siliceous sandstone with minor mudstone and coal (Rvcl).	
	Rvca	Lithic Sandstone (Rvca).	
	Rvqa	Dominantly quartz sandstone (Rvqa).	
	Rb	Alkal olivine basalt (Rb).	
PALEOZOIC		PERMIAN	
	Pu	Upper glauconitic sequences of pebbly mudstone, pebbly sandstone and limestone (Pu).	
	Puq	Unfossiliferous quartziferous, poorly sorted mudstone and poorly sorted glauconitic sandstone (Puq). Poorly sorted grey mudstone, siltstone and fine sandstone, unfossiliferous except for rare forams (Puq).	
	Pucl	Thickly bedded sandstone passing upwards into interbedded sandstone, siltstone and mudstone; marine fossils abundant in places (Pucl).	
	Pucl	Dominantly bioclastic limestone (Pucl).	
	Pucl	Marine limestone, calcareous mudstone and sandstone, usually richly fossiliferous (Pucl).	
	Pucl	Fine grained pebbly sandstone with phosphatic nodules. Marine fossils present in some areas (Pucl).	
	Puclm	Mudstone, siltstone and poorly sorted sandstone. Uncommon marine fossil (Puclm).	
	Pucl	Dominantly well sorted quartz sandstone, usually cross-bedded and commonly with interbedded and interstratified carbonaceous shale, lesser conglomerate and rare coal (Pucl). Aberfoyle Formation (Pucl).	

EARLY (SERRANIAN) / MIDDLE (SERRANIAN) / LATE (SERRANIAN) / BEYONNAN		IGNEOUS ROCKS	
ODq	Quartzite turbidite sequence of interbedded sandstone, siltstone and mudstone with sandstone dominant (ODq).	ODqm	Quartzite turbidite sequence of interbedded sandstone, siltstone dominant, contact metamorphosed (ODqm).
id	Dolerite and related rocks (id).		
Qpca	Two-pyroxene bearing quartz porphyrite with very fine-grained groundmass, feeder dyke (Qpca).		



- Strike and dip of bedding - right way up; overturned; facing unknown.
- Strike and dip of cleavage of unspecified type and relative age.
- Strike of vertical cleavage of unspecified type and relative age.
- 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.
- Notable small outcrop or float / log occurrence.
- Mineral deposit location - hardrock.
- Construction materials location.

Compiled by D.C.Green, 2006 from the following sources (see responsibility diagram):
A CALVER, C.R., EVERARD, J.L., FINDLAY, R.H. and LENNOX, P.G. 1988. Geological Atlas 1:50 000 series, sheet 48 (B414N) Ben Lomond.
B TURNER, N.J., CALVER, C.R., CASTLEDEN, R.A. and BALLEE, P.W. 1984. Geological Atlas 1:50 000 series, sheet 49 (B514N) St Marys.



REFERENCE THIS MAP AS:
GREEN, D.C. 2006 (compiler), Digital Geological Atlas 1:25000 series, sheet 5839 St Marys, Mineral Resources Tasmania.

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

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