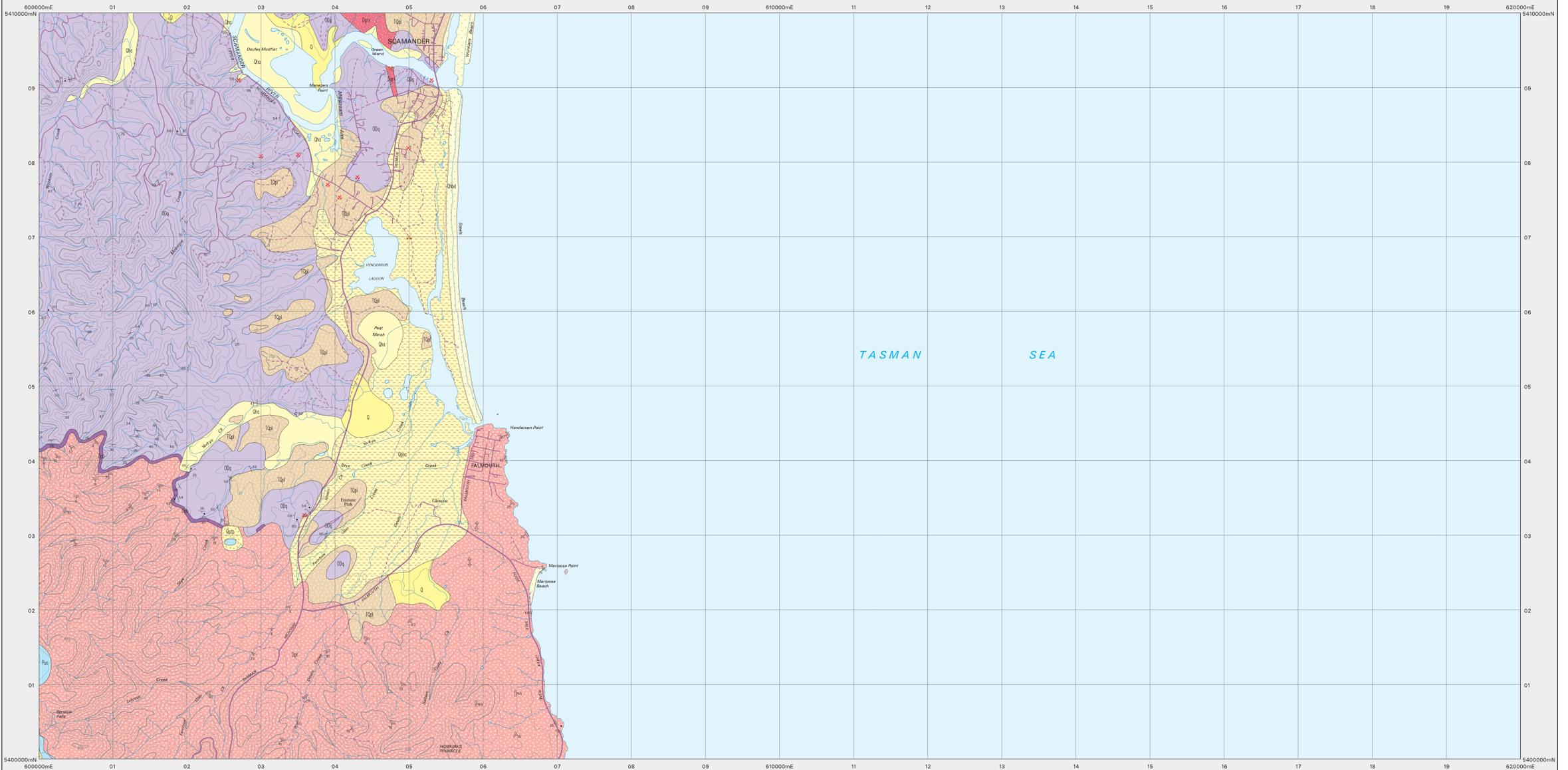


FALMOUTH

Scale: 1:25 000



MINERAL RESOURCES TASMANIA
DIGITAL GEOLOGICAL ATLAS 1:25 000 SERIES
FALMOUTH, SHEET 6040



PERMIAN	DEVONIAN	EARLY DEVONIAN	SILURIAN(?)	ORDOVICIAN(?)
Q	Dpr	Dpb	OOq	
Qba	Dpr			
Qbsa				
Qbsc				
Qbsd				
Qbsf				
Qbsg				
Qbsh				
Qbsi				
Qbsj				
Qbsk				
Qbsl				
Qbsm				
Qbsn				
Qbso				
Qbsp				
Qbsq				
Qbsr				
Qbss				
Qbst				
Qbsu				
Qbsv				
Qbsw				
Qbsx				
Qbsy				
Qbsz				
Qbsaa				
Qbsab				
Qbsac				
Qbsad				
Qbsae				
Qbsaf				
Qbsag				
Qbsah				
Qbsai				
Qbsaj				
Qbsak				
Qbsal				
Qbsam				
Qbsan				
Qbsao				
Qbsap				
Qbsaq				
Qbsar				
Qbsas				
Qbsat				
Qbsau				
Qbsav				
Qbsaw				
Qbsax				
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Qbsbb				
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Qbsbd				
Qbsbe				
Qbsbf				
Qbsbg				
Qbsbh				
Qbsbi				
Qbsbj				
Qbsbk				
Qbsbl				
Qbsbm				
Qbsbn				
Qbsbo				
Qbsbp				
Qbsbq				
Qbsbr				
Qbsbs				
Qbsbt				
Qbsbu				
Qbsbv				
Qbsbw				
Qbsbx				
Qbsby				
Qbsbz				
Qbsca				
Qbscb				
Qbscc				
Qbscd				
Qbsce				
Qbscf				
Qbscg				
Qbsch				
Qbsci				
Qbscj				
Qbsck				
Qbscl				
Qbscm				
Qbscn				
Qbsco				
Qbscp				
Qbscq				
Qbscr				
Qbscs				
Qbsct				
Qbscu				
Qbscv				
Qbscw				
Qbscx				
Qbscy				
Qbscz				
Qbsda				
Qbsdb				
Qbsdc				
Qbsdd				
Qbsde				
Qbsdf				
Qbsdg				
Qbsdh				
Qbsdi				
Qbsdj				
Qbsdk				
Qbsdl				
Qbsdm				
Qbsdn				
Qbsdo				
Qbsdp				
Qbsdq				
Qbsdr				
Qbsds				
Qbsdt				
Qbsdu				
Qbsdv				
Qbsdw				
Qbsdx				
Qbsdy				
Qbsdz				
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Qbsdb				
Qbsdc				
Qbsdd				
Qbsde				
Qbsdf				
Qbsdg				
Qbsdh				
Qbsdi				
Qbsdj				
Qbsdk				
Qbsdl				
Qbsdm				
Qbsdn				
Qbsdo				
Qbsdp				
Qbsdq				
Qbsdr				
Qbsds				
Qbsdt				
Qbsdu				
Qbsdv				
Qbsdw				
Qbsdx				
Qbsdy				
Qbsdz				

MAJOR GRANITIC INTRUSIONS	
Dpr	To pyroxene bearing quartz porphyrite with very fine-grained groundmass. Single cooling unit of rhyolitic, with sporadic basal rhyolitic pyroclastic crystal-litic lapilli tuff preserved at base (Dpr).
Dgrv	Variably porphyritic coarse- to fine-grained hornblende granodiorite (Dgrv).

—	Geological boundary - position accurate or approximate.
- - -	Unconformable boundary - position accurate or approximate.
- - - - -	Intrusive boundary - position accurate or approximate.

- ↘ Strike and dip of bedding - right way up.
- ↗ Strike and dip of cleavage of unspecified type and relative age.
- ↖ Strike and dip of igneous banding or platy alignment.
- ↗ 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.
- ↗ Trend and plunge of minor fold hinge line, unspecified relative age.
- ✂ Mineral deposit location - hardrock
- ✂ Mineral deposit location - alluvial
- ✂ Construction materials location

Geology based on:
MacLennan, M.P., Turner, N.J., Williams, P.S.
Geological Atlas 1:50 000 series, sheet 41 (BES15).
St Helena 1987. Department of Mines, Tasmania.
Barrett, N.J., Goffin, C.R., Chisholm, R.H., Balle, P.W.
Geological Atlas 1:50 000 series, sheet 49 (BES14N).
St Marys 1984. Department of Mines, Tasmania.
Compiled by M. P. MacLennan.

QUATERNARY	
Qba	Stream alluvium, swamp and marsh deposits (Qba).
Qbsa	Active dune and beach sand and beach gravel (Qbsa).
Qbsb	Talus consisting dominantly of dolerite boulders (Qbsb), where dominantly Lower Permian rocks (Qbsp).
Qbsc	Clay, sand and gravel with minor peat. May have ferruginous cement and contain marine shells (Qbsc).
Qbsd	Gravel, sand and derived lag (Qbsd).
PERMIAN	
Pus	Marine limestones, calcareous mudstone and sandstone, usually richly fossiliferous (Pus).
LATE EARLY (?) DEVONIAN	
Dpr	Two pyroxene bearing quartz porphyrite with very fine-grained groundmass. Single cooling unit of rhyolitic, with sporadic basal rhyolitic pyroclastic crystal-litic lapilli tuff preserved at base (Dpr).
Dpb	Brecciated and undisturbed layers of interbedded quartzite and mudstone (Dpb).
EARLY DEVONIAN SILURIAN(?) ORDOVICIAN(?)	
OOq	Quartzite turbidite sequence of interbedded sandstone and mudstone (OOq).

Base data from the LIST, Copyright State of Tasmania.
Map produced by the Data Management Branch of Mineral Resources Tasmania using GIS software.
ADDB6 - AMG Zone 55. Contour Interval: 20 metres.
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