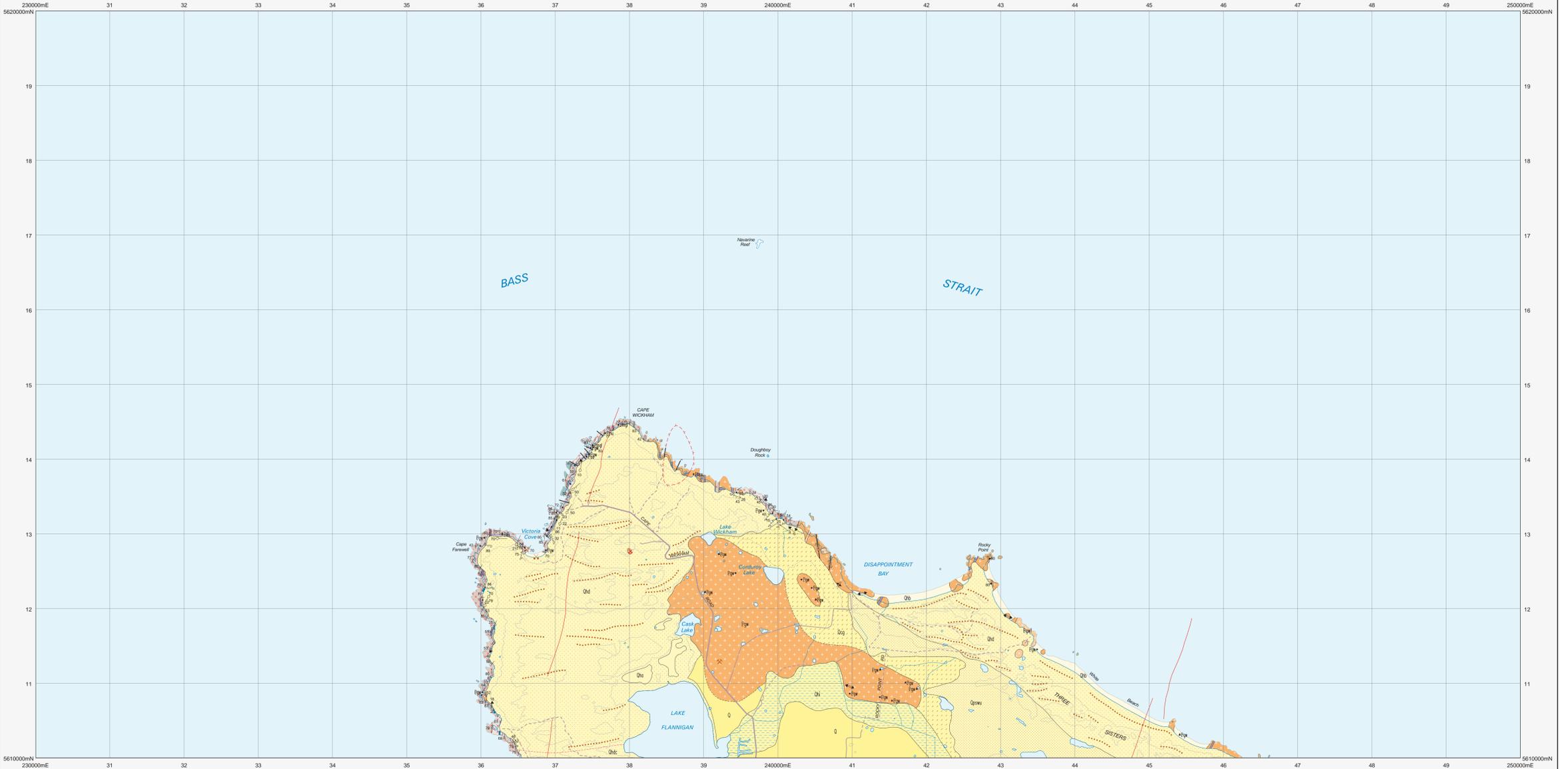


# WICKHAM

Scale: 1:25 000



### INTRUSIVE ROCKS

	Tholeiitic dolerite dykes; younger than Cape Wickham Granite (Emg).
	Alkali dolerite dykes, generally feldspar-phyric; younger than Cape Wickham Granite (Emg).
	Dominantly medium- to coarse-grained, porphyritic to locally equigranular/sericitic biotite syenogranite/microgranite commonly with abundant later minor intrusions of less felsic medium-grained equigranular biotite granite, and minor microgranite and pegmatite (Eg).
	Dominantly fine-grained grey aphyric to sparsely porphyritic microgranite, locally with minor later intrusions of coarse-grained granite (Eg).
	(Eg, Egm, Cape Wickham Granite, dated at 762 ± 14 Ma at 23807mE, 5627770mN, U-Pb SHRIMP on zircon; Block et al., 1997).
	Tholeiitic metadolerite dykes; older than Cape Wickham Granite (Emt).
	Amphibole dykes and sheets; older than Cape Wickham Granite (Eoa).
	Metadolerite dykes; probably Proterozoic, age relative to Cape Wickham Granite unknown (Eru).

	Geological boundary - position accurate or approximate.
	Geological boundary - inferred.
	Geological boundary - inferred from airborne radiometric data.
	Fault - unspecified type, position accurate or approximate.
	Strike-slip fault (dextral) - position accurate or approximate.
	Lineament visible in airborne magnetic data.
	Magnetic gradient or lineament (direction towards lower values indicated).
	Dune crest.
	Limit of mapping.
	(white line) Limit of mapping of sub-unit within undifferentiated rock unit.

	Strike and dip of bedding - right way up; overturned; facing unknown.
	Strike and dip of cleavage, relative local age S1.
	Strike and dip of cleavage, relative local age S2.
	Strike and dip of cleavage, relative local age S3.
	Trend and plunge of minor fold hinge line, unspecified relative age, with dip and dip direction of axial surface, vergence sinistral.
	Trend and plunge of minor fold hinge line, relative local age F1.
	Trend and plunge of minor fold hinge line, relative local age F2.
	Trend and plunge of minor fold hinge line, relative local age F3.
	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.
	Notable small outcrop.
	Notable log occurrence.
	Field station for adjacent readings on map.
	Mineral deposit location - hardrock
	Mineral deposit location - alluvial/alluvial
	Construction material/industrial - mineral/gemstone location

Geology by C.R. Calver, B.Sc.(Hons) and J.L. Everard, B.Sc.(Hons), 2012 - 2013 from the following sources (see responsibility diagram):  
A C.R. Calver 1:25 000 scale geological mapping 2011 - 2012.  
B J.L. Everard 1:25 000 scale geological mapping 2008 - 2010.  
C Cox, S.F. 1973. The structure and petrology of the Cape Wickham area, King Island, Tasmania.  
D J.N. Jennings, 1950. The coastal geomorphology of King Island, Bass Strait, in relation to changes in the relative level of the land and sea. Records of the Queen Victoria Museum, Launceston, New Series No.11.

QUATERNARY  
PROTEROZOIC

	Mobile beach and dune sand (Qhb).
	Stream alluvium, swamp and marsh deposits (Qho).
	Vegetated calcareous dune sand (Qhdc).
	Dune sand (Qhd).
	Calvium derived from granitic rocks (Qag).
	Lagoon and paralic swamp deposits (Qhi).
	Older aeolian dune sand and minor clay, peat and gravel (Qpsw).
	Undifferentiated Quaternary deposits (Q).
	Unconformity.
	Dominantly fine-grained quartzose sandstone in medium to thick turbidite beds, with interbedded siltstone and pelitic schist; contact metamorphosed (Eqs).
	Dominantly thin-bedded pelitic schist, contact metamorphosed (Eps).

PROTEROZOIC  
NEOPROTEROZOIC  
MESOPROTEROZOIC  
Ectabany Formation

REFERENCE THIS MAP AS:  
EVERARD J.L. and CALVER C.R. 2013 Digital Geological Atlas 1:25 000 Scale Series, Sheet 2361 Wickham, Mineral Resources Tasmania.  
Base data from the LST, Copyright State of Tasmania.  
Map produced by Spatial Information Services, Mineral Resources Tasmania using G.I.S. software.  
Website: www.mrt.tas.gov.au  
GDNA4 - MGA Zone 55. Contour Interval: 20 metres.



While every care has been taken in the preparation of this data, no warranty is given as to the correctness of the information and no liability is accepted for any statement or opinion or for any error or omission. No reader should act or fail to act on the basis of any material contained herein. Readers should consult professional advisers. As a result the Crown in Right of the State of Tasmania and its employees, contractors and agents expressly disclaim all and any liability (including all liability for or attributable to any negligent or wrongful act or omission) to any persons whatsoever in respect of anything done or omitted to be done by any such person in reliance whether in whole or in part upon any of the material in this data. Crown copyright reserved.

