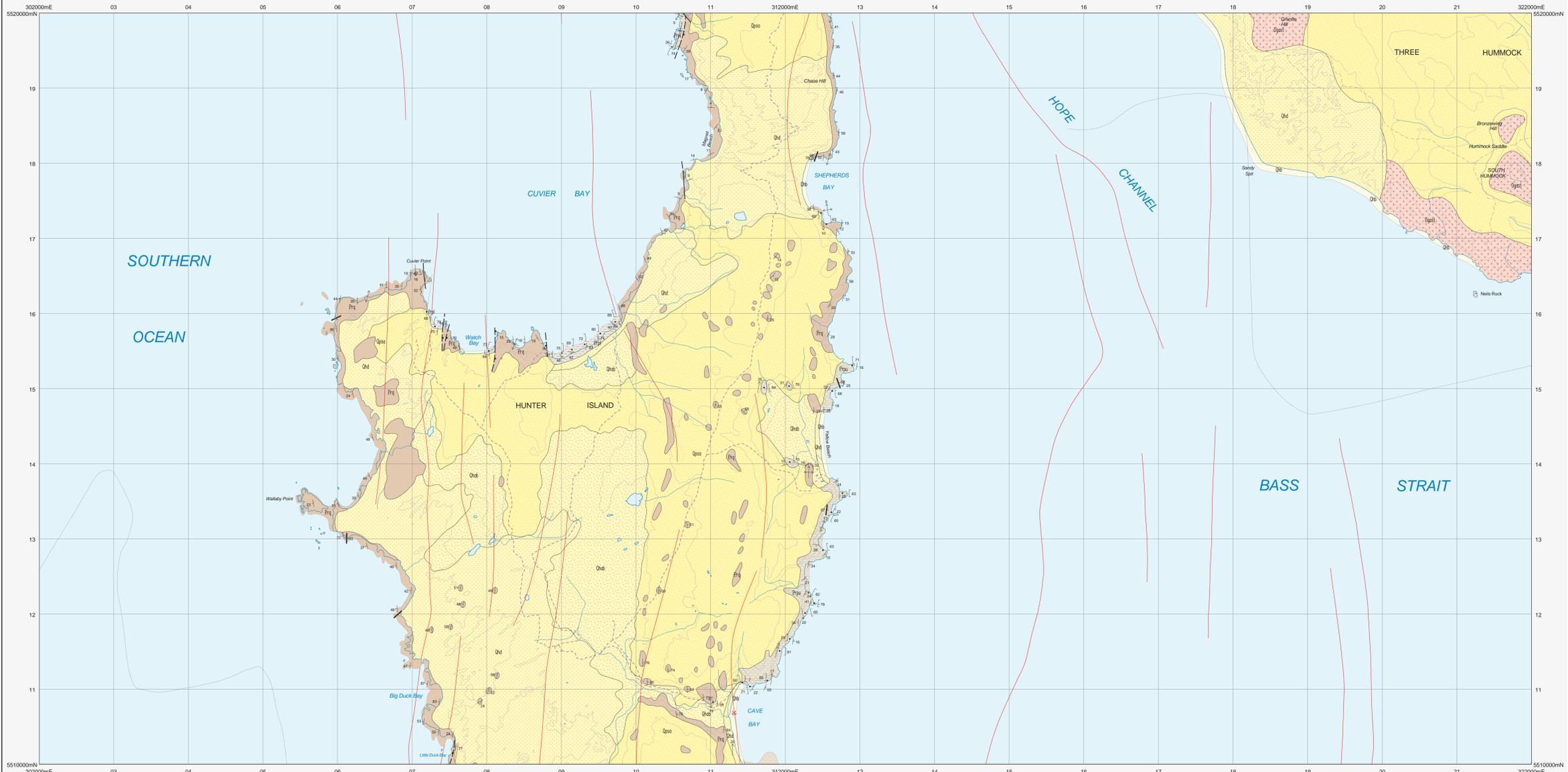


CUVIER WEST

Scale: 1:25 000



COMPOSITE LEGEND FOR CUVIER EAST AND CUVIER WEST

PERIOD	UNIT	DESCRIPTION
CENOZOIC	Qhb	Modern beach sand (Qhb).
	Qhd	Modern dune sand (Qhd).
	Qhab	Marsh and swamp deposits (Qhab).
	Qpsa	Older stabilised aeolian sand of predominantly coastal plain (Qpsa).
PALEOZOIC	Tb	Basalt and related volcanoclastic rocks (Tb).
	Erpu, Erq, Erp	ROCKY CREEK GROUP (ERUPULETTES)
INTRUSIVE ROCKS	Gspg	Medium- to coarse-grained, porphyritic biotite-muscovite-bearing syenogranite/monzogranite, with variably abundant, large locally flow-aligned potash feldspar phenocrysts, and locally mineral banding and fine-grained melanocratic enclaves (Three Hummock Island Granite; S-type) (Gspg).

- Geological boundary - position accurate or approximate.
- Geological boundary - concealed (inferred from airborne magnetic data where shown otherwise indicates approximate northern and eastern areal limit of Tb west of Hunter Island; sector limit of Devonian granite south of Three Hummock Island).
- Fault - unspecified type, position accurate or approximate.
- Normal fault (downthrown side indicated) - position accurate or approx.
- Fault - inferred from airborne magnetic data.
- Lineament visible in airborne magnetic data.
- Axial surface trace of major synform.
- Limit of mapping.

- Strike and dip of bedding, facing known - right way up overturned.
- Strike and dip of bedding, facing unknown.
- Strike and dip of cleavage of unspecified type and relative age.
- Strike and dip of outcrop-scale fault; vertical.
- Trend and plunge of hinge line of minor fold, unspecified relative age; with sinistral vergence; dextral vergence.
- Trend and plunge of hinge line of minor antiform, unspecified relative age.
- Trend of horizontal hinge line of minor fold, unspecified relative age; synform.
- Location of adjacent structural readings.
- Construction material/industrial mineral/guestone location - Data derived from Mineral Resources Tasmania (MRT) data base. Data point position has not been verified in every case.

Compiled by D.B. Seymour, B.Sc.(Hons), PhD, 2006 from the following sources (see responsibility diagram):

A. HALL, W.D.M. (Monash University, Melbourne): New 1:25 000 scale mapping 1997-2001 with additions from:
(1) Interpretation by D.B. Seymour, of airborne magnetic and radiometric data collected under the Western Tasmanian Regional Minerals Program (2001).
(2) JENNINGS, D.J. (unpublished): Geological map of Hunter Island, scale: 1:50 000 scale, Dept. of Mines Tasmania.

B. Geology sourced with minor modifications from:
JENNINGS, D.J. 1976: The geology of Three Hummock Island, Tasmania Dept. of Mines, Unpublished Report 107/56.
Additional information on granite petrology sourced from:
EVERARD, J.L., CALVEY, C.F., FLEMING, J., TAYLOR, J., DIXON, G. 1997: Geology of the islands of southwestern Bass Strait (A contribution to the National Geoscience Mapping Accord). Mineral Resources Tasmania, Record 1997/03.

C. Additional offshore features interpreted by D.B. Seymour from airborne magnetic data collected under the Western Tasmanian Regional Minerals Program 2001.

REFERENCE THIS MAP AS:
HALL, W.D.M., JENNINGS, D.J., EVERARD, J.L. and SEYMOUR, D.B. 2006. Digital Geological Atlas 1:25 000 Scale Series, Sheet 3051, Cuvier, Mineral Resources Tasmania.

Base data from the LST, Copyright State of Tasmania.
Map produced by the Geoscience Information Branch of Mineral Resources Tasmania using G.I.S. software.
GDAS4 - 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 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 from or attributable to any negligent or wrongful act or omission) to any persons whatsoever in respect of any thing 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.

