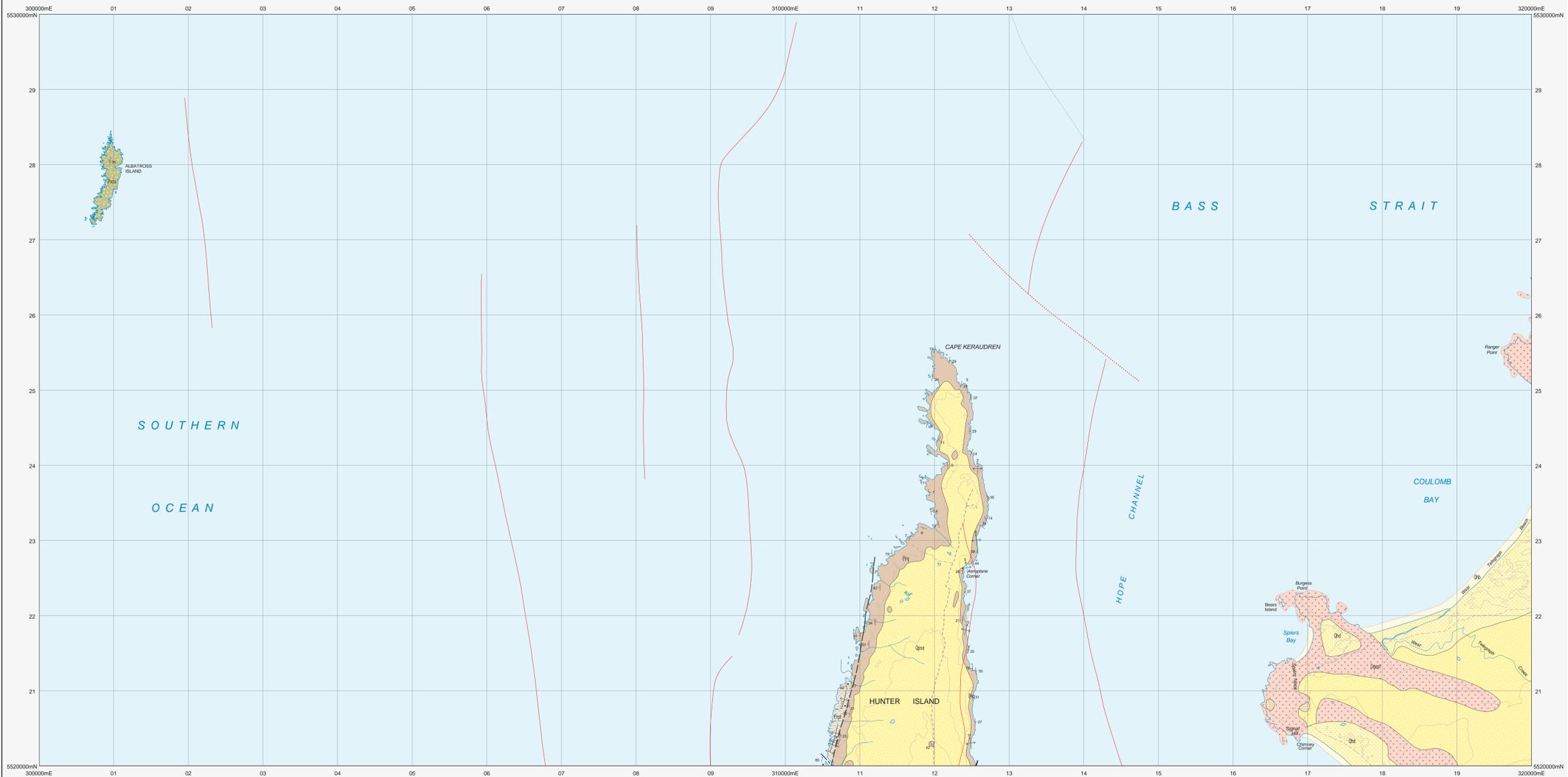


# KERAUDREN WEST

Scale: 1:25 000



### COMPOSITE LEGEND FOR KERAUDREN EAST AND KERAUDREN WEST

PERIOD	UNIT CODE	DESCRIPTION
CENOZOIC	Qhb	Modern beach sand (Qhb).
	Qhd	Modern dune sand (Qhd).
	Qpsa	Older stabilised aeolian sand of predominantly coastal plain (Qpsa).
PALEOZOIC - MESOZOIC	TQca	Calcrete (fast, related to Paleogene - Neogene or Quaternary limestone (TQca)).
	Tb	Basalt (Tb).
PALEOZOIC - PROTEROZOIC	Pscs	Thick-bedded to massive, clast-supported, cobble-boulder conglomerate (with dominant, rounded clasts of white or pink quartzite, and rare angular clasts of dark grey or red siltstone), with coarse quartz sandstone matrix, and minor (SS) interstratified beds up to 600mm thick of coarse-grained sandstone. (Pscs). (Probable correlate of Forest Conglomerate and Quartzite).
	Prq	Pale weathering, variably silicified quartzarenite, well bedded and commonly with cross-lamination of trough and point-barular types and oscillation ripple bedforms, and with minor horizons of laminated siltstone; tidal influence suggested by bed to bed reversals of cross-orientation polarity in some sections (Prq).
	Pfl	Dark grey to black, laminated siltstone-claystone with some thin (5cm) graded beds, and some beds up to 30cm thick of fine-grained ripple-laminated quartz sandstone (Lower Pellic sequence of Hobbs Island, Walker Island, Big Sandy Point and Hunter Island) (Pfl).
PALEOZOIC (DEVONIAN)	Dgsel	Medium- to coarse-grained, porphyritic biotite-muscovite-bearing syenogranite/monzogranite, with variably abundant, large locally flow-aligned perthite feldspar phenocrysts, and locally mineral separating and fine-grained mesocrystic inclusions (Three Hummock Island Granite, S-type) (Dgsel).

—	Geological boundary - position accurate or approximate.
- - - - -	Geological boundary - concealed (indicates approximate western sea-floor limit of Devonian granite in Hope Channel).
- · - · - · -	Fault - unspecified type, position accurate or approximate.
- · - · - · -	Fault - unspecified type, concealed, inferred from airborne magnetic data.
- · - · - · -	Lineament visible in airborne magnetic data, indicates approximate western sea-floor limit of Devonian granite in Hope Channel).
↑	Axial surface trace of major anticline.
—	Limit of mapping.

↘	Strike and dip of bedding, right way up.
↙	Strike and dip of bedding, facing unknown.
↗	Strike and dip of cleavage, type and relative age unspecified - (dip(s), vertical).
↘	Strike of vertical outcrop-scale fault of unspecified relative age, type unspecified.
↗	Trend and plunge of hinge-line of minor anticline, unspecified relative age.
•	Location of adjacent structural readings.

Compiled by D.B. Seymour, B.Sc(Hons), PhD., 2006 from the following sources (see Responsibility Diagram)

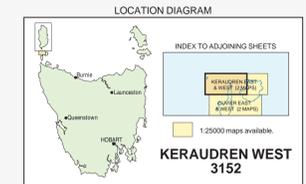
A HALL, W.D.M. (Monash University, Melbourne): New 1:25 000 scale mapping 1992-2001 with additions from (1) Interpretation by D.B. Seymour, of airborne magnetic and radiometric data collected under the Western Tasmanian Regional Minerals Program 2001.

(2) JENNINGS, D.J. (unpublished): Geological map of Hunter Island, 1:50 000 scale, Dept. of Mines Tasmania.

B Geology sourced from: BANKS, M.R. 1989: Notes on the geology and geomorphology of Albatross Island, Riv. Queen Victoria Museum 95. (Revised West edn).

C Geology sourced with minor modifications from: JENNINGS, D.J. 1976: The geology of Three Hummock Island, Tasmania Dept. of Mines, Unpublished Report 1976/66. Additional information on geology and geomorphology of Albatross Island, Riv. Queen Victoria Museum 95. (A contribution to the National Geoscience Mapping Accord, Mineral Resources Tasmania, Report 1987/3).

D Additional offshore lineaments 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., BANKS, M.R. and SEYMOUR, D.B. (compilers) 2006. Digital Geological Atlas 1:25 000 Scale Series, Sheet 3152, Keraudren, 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.  
GDA94 - 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 from or attributable to any negligence 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.