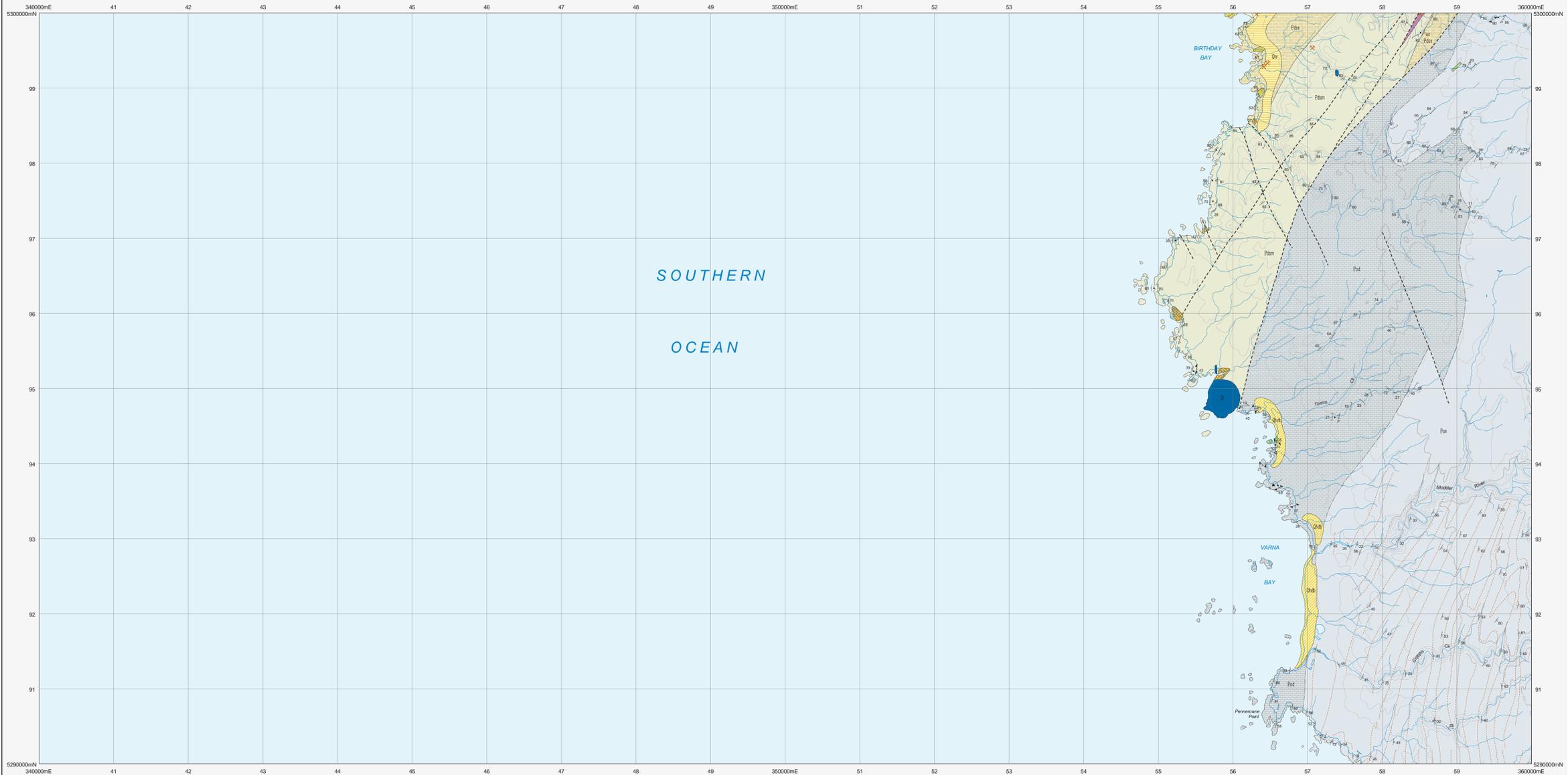


VARNA

Scale: 1:25 000



CENOZOIC		CORRELATES OF SUCCESS CREEK GROUP
QUATERNARY	HOLOCENE	
Dhwb	Dhwb	Modern shore face and associated aeolian dune sand (Dhwb). Aeolian dune and sheet sand (Dhwa).
Dhrc	Dhrc	Raised beach deposits (Dhrc).
		Erosional surface.
		Calcrete breccia (Tbrc).
		Angular unconformity due to Middle Devonian polyphase orogeny.
		Mudstone and siltstone (Fdm).
		(Correlates of Crisman Creek Formation).
		Crystalline dolomite with minor chert bands (Ddx), mudstone horizon (Fdxm). (Possible correlates of Black River Dolomite).
		Variably calcareous mudstone, siltstone and sandstone (Fdm).
		Metamorphosed interbedded quartzite and mudstone/siltstone (Fm); metamorphosed (maure) dolomite-rich sequences of mudstone, siltstone and sandstone (Fod). (Correlates of South Formation).

INTRUSIVE ROCKS		
LATE DEVONIAN	Dp	Lamprophyre dykes and intrusive bodies (Dp).
YACAMBRIAN	Cxt	Hematite +/- pyrite bodies (Cxt).
YEARLY-MIDDLE CAMBRIAN	Cds	Intermediate composition dykes (Cds).
	Tgd	Gabbro dykes, intrusive bodies and fault-bounded units (Tgd).

—	Geological boundary - position accurate or approximate.
- - -	Transitional geological boundary - position approximate.
- - - - -	Fault - unspecified type, inferred.
.....	Lithological trend line.

- / \ Strike and dip of bedding, facing known - right way up; overturned.
- / Strike and dip of bedding, facing unknown.
- / \ Strike and dip of cleavage, type and relative age unspecified - dipping; vertical.
- / \ Strike and dip of cleavage, relative local age S1 - dipping; vertical.
- / \ Strike and dip of cleavage, relative local age S2.
- / \ Trend and plunge of hinge line of minor fold, unspecified relative age; with dip and dip direction of axial surface indicated.
- / \ Trend and plunge of hinge line of minor fold, relative local age F2.
- Field station for adjacent readings on the map.
- ⊗ Mineral deposit location - hardrock - Data derived from Mineral Resources Tasmania DEPOSIT data base. Data point position has not been verified in every case.

Compiled by D.B. Seymour, B.Sc.(Hons), Ph.D., 2001 from the following sources (see responsibility diagram):
A. MCLENNAGHAN, M.P., FINDLAY, R.H., 1989. Geological Atlas 1:50 000 Series, Sheet 94 (D13), Macquarie Harbour, Tasmania. Department of Mines.
B. D.D. Goscombe, 1989-1990. Unpublished mapping.

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GDAS4 - MGA Zone 55. Contour Interval: 20 metres.



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