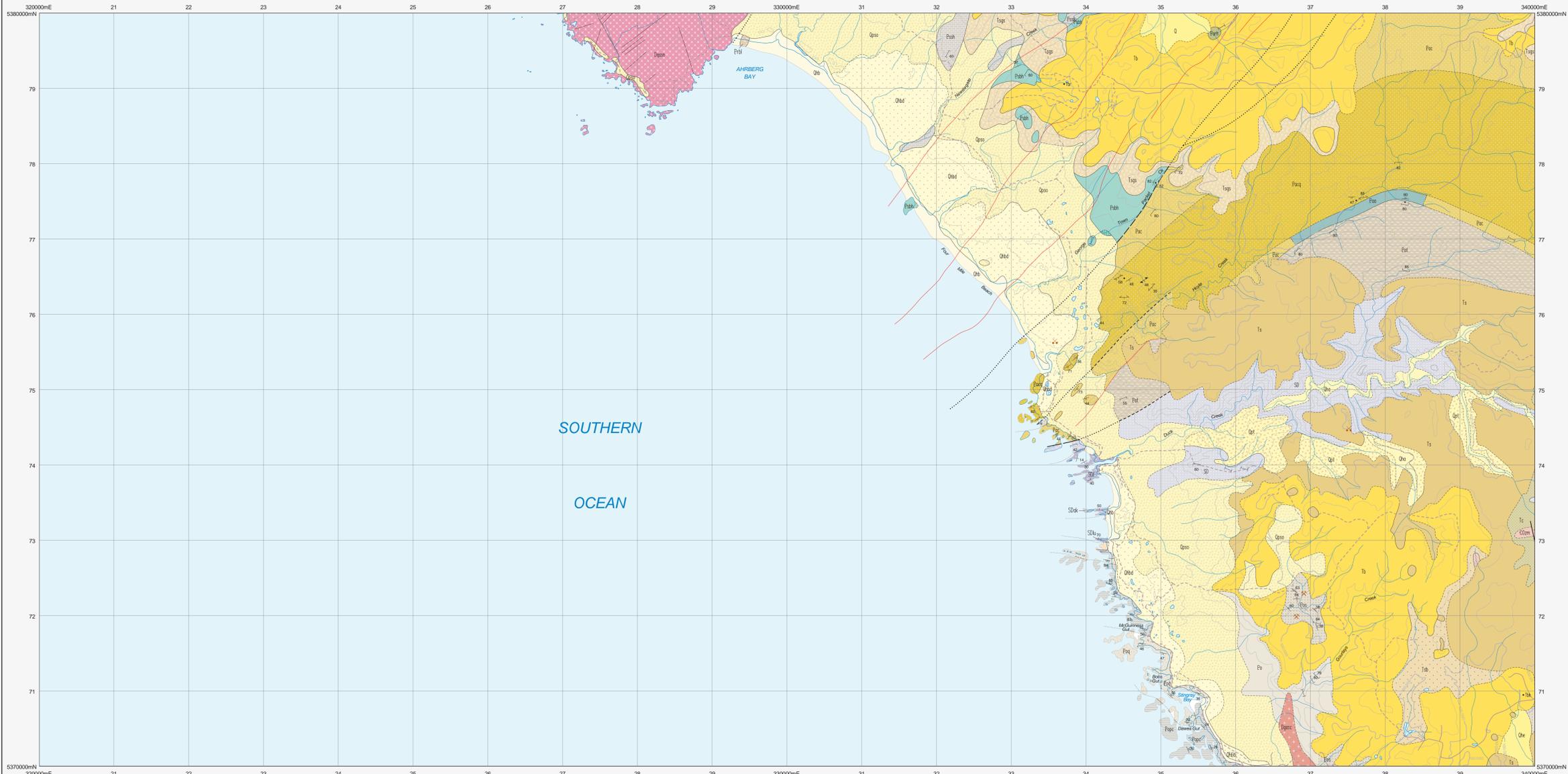


AHRBERG

Scale: 1:25 000



537000mN 320000mE 21 22 23 24 25 26 27 28 29 30000mE 31 32 33 34 35 36 37 38 39 34000mE 537000mN

CENOZOIC	QUATERNARY	Qha	Stream alluvium, swamp and marsh deposits (Qha).
	PLEISTOCENE	Qhe	Fluvium (Qhe).
		Qhb	Beach sand (Qhb).
Qhd		Younger active dune, beach sand and beach gravel (Qhd).	
Qps		Older aeolian sand and sand dunes (Qps).	
PALEOGENE - NEOGENE	Qp	Undifferentiated Palaeocene tuffs and scree deposits (Qp).	
PALEOGENE - NEOGENE	Ts	Dominantly non-marine sequences of gravel, sand, silt, clay and regolith (Ts).	
	Tsp	Interbedded siliceous gravel, quartz sand and clay (Tsp).	
	Tb	Basalt (Tb) including local occurrence of transitional olivine basalt (Tb*) at 533750mE, 5379060mN and hawthite (Tb) at 338850mE, 5370950mN.	
	Tc	Sand and clay with basalt boulders (Tc).	
PALEOZOIC	DEVONIAN	SDb	Grey or greenish grey interbedded laminated mudstone, siltstone and minor fine-grained quartz sandstone (Bul State and corrales) (SDb).
		SDc	Generally pale grey, fine-grained quartz sandstone with subordinate interbedded greenish grey siltstone (Florence Sandstone) (SDc).
	SDd	Pale grey to white generally fine-grained quartz sandstone (Kiel Quartzite and corrales) (SDd).	
	SDu	Undifferentiated sandstone-mudstone-mirror limestone sequence (corrales of Croftly and Amber Formations) (SDu).	
	SI	Dark grey carbonate rocks, calcareous mudstone, minor quartz sandstone and black clay weathering products, in part fossiliferous (corrales of Gordon Limestone) (SI).	
ELDKONGROUP	CO20m	White, dominantly quartz-pebble conglomerate, quartz sandstone and minor shale (corrales of Mt. Zeehan Conglomerate and Maino Sandstone) (CO20m).	

NEOPROTEROZOIC	CO20m	Calcareous quartzite (CO20m).	
	Poq	Quartzite, with coarse detrital muscovite, interbedded siltstone, mudstone, dolomite and minor conglomerate (Poq).	
	Poa	Pale weathering siltstone and shale (Poa).	
	Pob	Black pyritic carbonaceous shale (Pob).	
	TRANSITIONAL METAMORPHIC BOUNDARY	Qps	Micaceous quartz schist with locally preserved graded beds, interlayered with grey and green pelitic phyllite and minor fine-grained schist (corrales of Keith Schist) (Qps).
		Poa	Transitional to relatively steep lithological boundary.
	Poc	Interbedded green to grey phyllite and fine-grained schist, usually comprising muscovite and quartz, with trace to dominant chlorite, albite and dolomite; containing scattered thin layers of actinolitic amphibole (Poc).	
	Pod	Interbedded phyllite, fine-grained schist and minor actinolitic amphibole, with micaceous quartz schist and relatively minor porphyroblastic schist (Pod).	
	Poe	Dominant to common layers of foliated, fine-to rarely coarse-grained, occasionally chloritised, hornblende, subordinate amphibole with common magnetite, usually interlayered with chloritic phyllite and schist (Poe).	
	Pof	Faulted contact with Psh.	
Pog	Grey silty pelitic siltstone with minor banded chert and thin interlayers of silicified oolitic carbonate (Pog).		
Poh	Conformable to faulted contact.		
Poi	Interbedded metamorphosed basalt, basaltic, stony to phyllitic siltstone, quartzite and minor dolomite (Poi).		
ARTHWELT/METAMORPHIC COMPLEX (MOUNT ZEEHAN)	Pob	Micaceous quartzite and pelitic siltstone (Pob).	
	Pob	Conformable boundary.	
	Pob	Pale grey and cream, fine-grained dolomite, locally oolitic, with stromatolites, or interbedded with rocky carbonaceous siltstone (Pob).	
ROCKY CAPE VOLCANIC BELT	Pob	Interbedded angular unconformity.	
	Pob	Siliceous (pale grey) to carbonaceous (dark grey) siltstone, commonly with small scale trough cross lamination (Pob).	

PALEOZOIC	DEVONIAN	Poc	Dominantly coarse grained, equigranular, leucocratic, biotite-bearing oolitic felspar granite gneiss, with sparse to common patches and nodules of quartz and tourmaline (Poc).
	DEVONIAN	Pog	Coarse-grained, equigranular to porphyritic (K-feldspar) biotite-muscovite-bearing syenogranite/mesogranite, with common tourmaline nodules (Conical Rocks Granite, S-type) (Pog).

Geological boundary - position approximate	Geological boundary - position inferred
Geological boundary - position concealed	Transitional geological boundary
Fault - position approximate	Fault - inferred
Fault - position inferred	Lineament visible on aerial photographs
Lineament visible in airborne magnetic data	Limit of mapping
(white line)	Limit of mapping of sub-unit within undifferentiated rock units.

- 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 - dipping, vertical.
- Strike and dip of orientation cleavage.
- Strike and dip of cleavage, relative local age S1.
- Strike and dip of cleavage, relative local age S2.
- Strike and dip of kink band - movement sense unspecified.
- Field station for adjacent readings on the map.
- Notable small outcrop with rock unit indicated.
- Mineral deposit location - hardrock
- Mineral deposit location - alluvial/talings

Compiled by M. J. Vicary, B.Sc. (Hons), 2004 as part of the Western Tasmania Regional Minerals Program, from the following sources (See Responsibility Diagram):

A. BROWN, A.V., FINLAY, R.H., GOSCOMBE, B.D., MCCLELAGHAN, M.P. and STEVENS, D.B. 1984. Geological atlas 1:50000 series (Sheet 7914B) - Zeehan. Geological Survey of Tasmania.

B. TURNER, N.J., BROWN, A.V., MCCLELAGHAN, M.P. and SOETREND, I. 1991. Geological atlas 1:50000 series (Sheet 7914N) - Corinna. Geological Survey of Tasmania.

C. GEE, R.D., GULLINE, A.B., BRAVO, A.P., LEGGE, P.J. and GROVES, D.I. 1990. Geological atlas 1:50000 series (Sheet No. 42/7914K) - Plover Heads. Geological Survey of Tasmania.

D. Air photograph and WTRMP geophysical data interpretation by M. Vicary.

REFERENCE THIS MAP AS:
VICARY, M.J. (compiler) 2004. Digital Geological Atlas 1:25000 Scale Series. Sheet 3237 Ahrberg, Mineral Resources Tasmania.

Base data from the LIST, 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 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 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.

