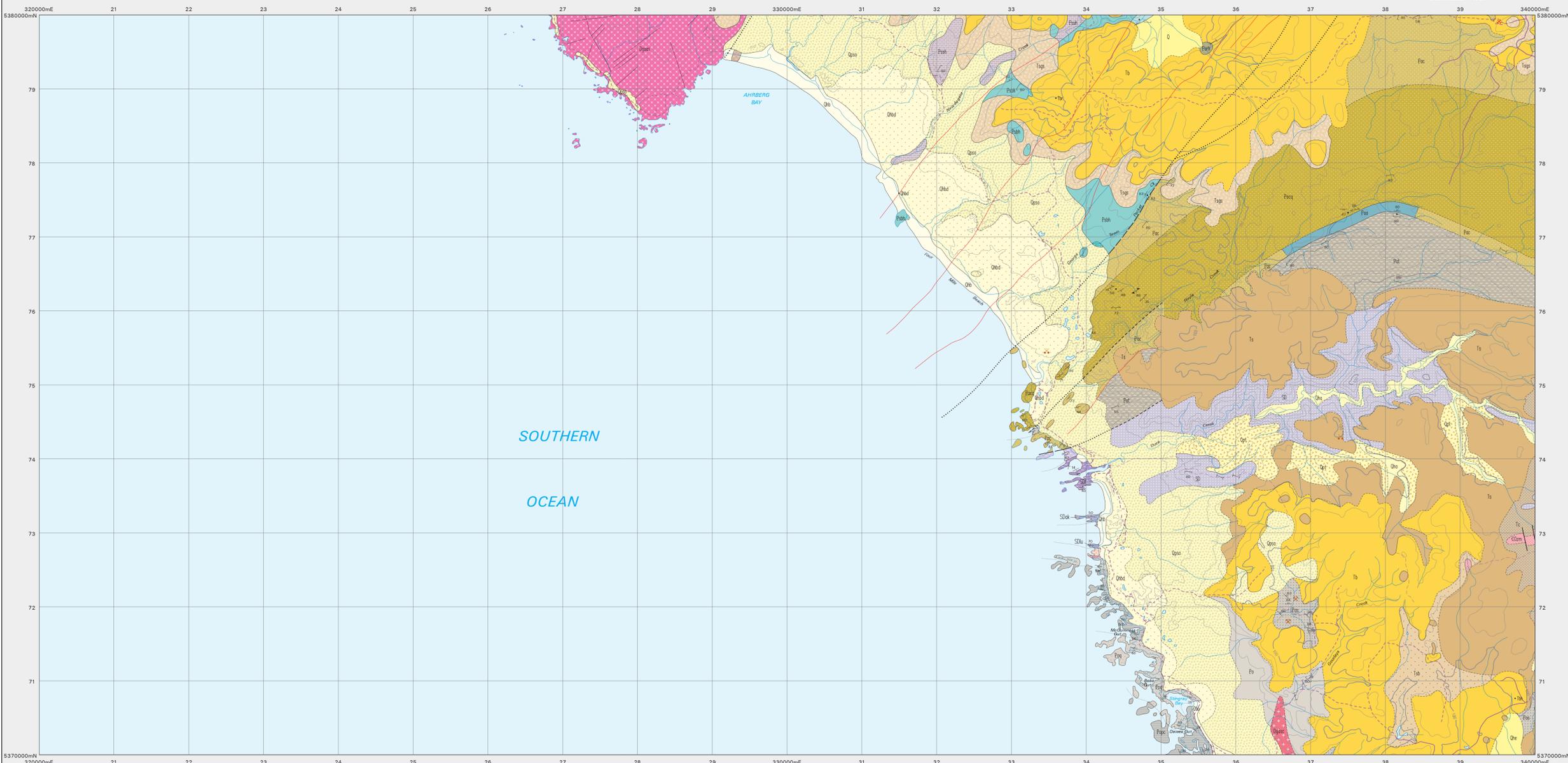


AHRBERG

Scale: 1:25 000
0 500 1000 1500 2000 2500m

MINERAL RESOURCES TASMANIA
DIGITAL GEOLOGICAL ATLAS 1:25 000 SERIES
AHRBERG, SHEET 3237



SOUTHERN
OCEAN

EPOCH	QUATERNARY		
	HOLOCENE	PLEISTOCENE	
CENOZOIC	Qha	Stream alluvium, swamp and marsh deposits (Qha).	
	Qhe	Eluvium (Qhe).	
	Qhb	Beach sand (Qhb).	
	Qhbd	Younger active dunes, beach sand and beach gravel (Qhbd).	
	Qpsa	Older aeolian sand and sand dunes (Qpsa).	
	Qp	Undifferentiated Pleistocene talus and scree deposits (Qp).	
	TERTIARY	Ts	Dominantly non-marine sequences of gravel, sand, silt, clay and regolith (Ts).
		Tags	Interbedded siliceous gravel, quartz sand and clay (Tags).
		Tb	Basalt (Tb) including local occurrence of transitional silvian basalt (Ttr) at 335820mE, 5378860mN and howlite (Tsh) at 33740mE, 5370760mN.
		Tab	Sand and clay with basalt boulders (Tab).
PALAEOZOIC	Tc	Conglomerate, gravel and grit (Tc).	
	ELDON GROUP	SDb	Grey or greenish grey interbedded laminated mudstone, siltstone and minor fine-grained quartz sandstone (Bell Shale and correlates) (SDb).
		SDc	Generally pale grey, fine-grained quartz sandstone with subordinate interbedded greenish grey siltstone (Finlayson Sandstone) (SDc).
		SDok	Pale grey to white generally fine-grained quartz sandstone (feet quartzite and correlates) (SDok).
	SDu	Undifferentiated sandstone-mudstone-minor limestone sequence (correlates of Crilly and Ahrberg Formations) (SDu).	
SDk	Dark grey carbonate rocks, calcareous mudstone, minor quartz sandstone and black clay weathering products, in part fossiliferous (correlates of Gordon Limestone) (SDk).		
ORDOVICIAN	Oi		
	Oim	White, dominantly quartz-pebble conglomerate, quartz sandstone and minor shale (correlates of Mt. Zeehan conglomerate and Moina Sandstone) (Oim).	
CAMBRIAN	CO2m		

EPOCH	PROTEROZOIC	
	MESOPROTEROZOIC	ARCHAEOZOIC
PALAEOZOIC	Epap	Calcareous quartzite (Epap).
	Epq	Quartzwacks, with coarse detrital muscovite, interbedded siltstone, mudstone, dolomite and minor conglomerate (Epq).
	Epo	Pale weathering siltstone and shale (Epo).
	Eps	Black pyritic carbonaceous shale (Eps).
	Epsb	Transitional metamorphic boundary.
	Epsc	Micaceous quartz schist with locally preserved graded beds, interlayered with grey and green pelitic phyllite and minor fine-grained schist (correlates of Keith Schist) (Eps).
	Epsd	Transitional to relatively sharp lithological boundary.
	Epe	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 (Epe).
	Epf	Interbedded phyllite, fine-grained schist and minor actinolitic amphibole, with micaceous quartz schist and relatively minor porphyroblastic schist (Epf).
	Epg	Dominant to common layers of foliated, fine-to rarely coarse-grained, occasionally chloritised, hornblende, sodic amphibole with common magnetite, usually interlayered with chloritic phyllite and schist (Epg).
PROTEROZOIC	Eph	Faulted contact with Pshb.
	Epi	Grey clay, pelitic siltstone with minor banded chert and thin interlayers of silicified oolitic carbonate (Epi).
	Epk	Conformable to faulted contact.
	Epl	Interbedded metamorphosed basalt, basaltwacke, siltstone to phyllitic siltstone, quartzite and minor dolomite (Epl).
	Epm	Dominantly grey tuffaceous and pelitic metasilstone (Epm).
	Epn	Micaceous quartzwacke and pelitic siltstone (Epm).
	Epo	Conformable boundary.
	Epp	Pale grey and cream, fine-grained dolomite, locally oolitic, with stromatolites, or interbedded with rusty carbonaceous siltstone (Epp).
	Epr	Intersect angular unconformity.
	Ers	Siliceous (dark grey) to carbonaceous (dark grey) siltstone, commonly with small scale trough cross lamination (Ers).

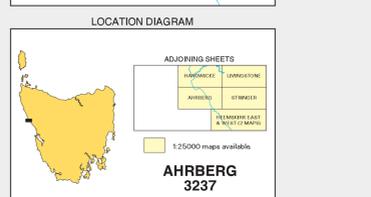
EPOCH	INTRUSIVE ROCKS	
	DEVONIAN	DIYAS
PALAEOZOIC	Dyab	Coarse grained, leucocratic, equigranular biotite granite/adamellite, with sparse to common patches and nodules of quartz-tourmaline (Dyab).
	Dygs	Dominantly adamellite/granite (S Type) (Dygs).

- 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 crenulation 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.
- Mineral deposit location - hardrock
- Mineral deposit location - alluvial
- Construction materials location

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

- A. BROWN, A.V. BRIDGEMAN, H. GOSCOMBE, B.D. MCCLINAGHAN, M.P. and SEYMOUR, D.B. 1984. Geological atlas 1:50000 series (Sheet 78150) - Tasmanian Geological Survey of Tasmania.
- B. TURNER, N.J., ENYNI, A.V., MCCLINAGHAN, M.P. and SCOTLAND, I. 1991. Geological atlas 1:50000 series (Sheet 78148) - Carriacou, Geological Survey of Tasmania.
- C. GEE, R.D., GULLINE, A.B., BRAVO, A.P., LEGG, P.J. and GROVES, D.L. 1969. Geological atlas 1:100000 series (Sheet No. 42 7814N) - Phoenix Heads, Geological Survey of Tasmania.
- D. Air photograph and WTRMP geophysical data interpretation by M. Vicary.

Base data from the LIST, Copyright State of Tasmania.
Map produced by the Data Management Branch of Mineral Resources Tasmania using G.I.S. software, ArcView - ArcMap 9.0.0. 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. The reader should act on the basis of any material contained herein. Readers should consult professional advisors. 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) in any person 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.

Data correct & plotfile generated: 10-MAR-2006