



QUATERNARY	PALEOGENE-NEOGENE
Qhmm Undifferentiated Quaternary sediments (Q). Man-made deposits (Qhmm).	Ts Terrestrial sand, gravel and minor lacustrine deposits. (Ts).
Qhb Beach sand (Qhb).	Tfqb Greyblity and siltcrete including lag and outcrop of siliceous conglomerate (Tfqb).
Qhs Paralic clay, silt, sand and minor gravel deposits of modern salt marsh and associated tidal flats (Qhs).	Tm Calcareous sandstone and calcarenite with Lower Miocene/Upper Oligocene marine fossils (Table Cape Group) (Tm).
Qha Stream alluvium, swamp and marsh deposits (Qha).	
Qhw Sand of stabilised longitudinal beach ridges (Qhw).	
Qxt Landslide deposits predominantly derived from weathered Tertiary rocks (Qxt).	
Qpt Talus (Qpt).	
Qpa Older alluvium of river terraces (Qpa).	
Qpsa Older sand, gravel and clay on coastal plains (Qpsa).	
TQ Undifferentiated Cenozoic sediments (TQ).	
Tbw Predominantly deeply-weathered basalt (Tbw).	
Tbc Crimanite neck and probable crater fill with nephelinitic pyroclastics at base (Tbc).	
Tbp Nephelinitic pyroclastics with abundant mantle and crustal xenoliths (base of Table Cape) (Tbp).	
Tb Basalt (Tb) with transitional olivine basalt (Tbr), basanite (Tbb), nepheline hawaite (Tbn), nepheline mugearite (Tbnm), and olivine melilitite (Tbnm) indicated.	

PALEOZOIC-CARBONIFEROUS	MESOPROTEROZOIC-NEOPROTEROZOIC	LOWER CARBONIFEROUS
Ptw Tillite, pebbly siltstone and mudstone, laminated siltstone and sandstone (Wynyard Tillite) (Ptw).	Prg Interbedded shaly black siltstone and thinly bedded quartzite (Prg).	Rocky Cape Group
Pw Tillite (Pw).	Erj Well-bedded, cross-bedded, mostly medium to coarse-grained orthoquartzite (Erj) (Jacob Quartzite).	Methuenaquifer Complex
	Erk Laminated grey siltstone, mudstone and dolomite (Erk) (Irbay Siltstone).	
	Ern Well-bedded, cross bedded, mostly fine-grained orthoquartzite and subordinate siltstone (Ern) (Detention Subgroup).	
	Pap Dominantly phyllite (Ppap).	
	Ppqr Foliated or schistose quartzite (Ppqr).	
	Pac Dominantly mafic schist with subordinate pelitic schist, calcic schist and phyllite (Pac).	

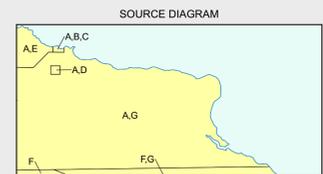
INTRUSIVE ROCKS
Pmd Dolerite dykes (Pmd).

CONTACTS
Geological contact.
Geological contact - inferred.
Transitional geological contact.
Limit of mapping of sub-unit within undifferentiated rock unit.
Limit of detailed mapping.

FAULTS
Fault.
Strike-slip fault (dextral).

LINEARS
Axial surface trace of major synform.
Trend of relict beach ridge related to regressive strandline of Last Interglacial Stage.
Trend of older stabilised Holocene beach ridge.
Lineament - visible in magnetic data.

Strike and dip of bedding, facing known - right way up; overturned, facing unknown.
Strike of vertical bedding - facing indicated by single tic.
Strike of vertical compositional layering.
Strike and dip of cleavage of unspecified type and relative age.
Strike and dip of crenulation cleavage.
Strike and dip of metamorphic foliation - dipping, vertical.
Trend and plunge of minor fold hinge line, unspecified type and relative age.
Trend and plunge of hinge line of unspecified relative age - minor antiform; minor synform.
Trend and plunge of minor fold hinge line, relative local age F1, with dip and dip direction of axial surface.
Trend and plunge of minor fold hinge line, relative local age F2, with vertical axial surface.
Trend and plunge of mineral elongation lineation.
Generalised paleocurrent direction, showing sense of movement.
Notable small outcrop with rock unit indicated.
Mineral deposit location - hardrock.
Mineral deposit location - alluvial/tailings.
Construction material/industrial mineral/gemstone location.



- Highly detailed (eg. more detailed than 1:25 000 scale mapping).
- Detailed systematic (eg. 1:25 000 map or equivalent detail).
- Regional systematic (eg. 1:50 000, 1:63 360 map or equivalent detail).
- Regional mapping less detailed than 1:63 360 map or equivalent (all other scales).
- Reconnaissance mapping with sparse ground traverses.
- Remote sensing and/or geophysical interpretation with limited or no ground information.

Compiled by J.L. Everard, B.Sc.(Hons), 2003 from the following sources (see source diagram):

A GEE, R.D. 1966. Geological Atlas 1 Mile Series. Sheet 22 (80165), Table Cape. Tasmania Department of Mines.

B GEE, R.D. 1971. Geological Survey Explanatory Report. Sheet 22 (80165), Table Cape. Tasmania Department of Mines.

C SEYMOUR, D.B. 1997. A re-evaluation of the structural significance of the Boat Harbour Fault, North Western Tasmania. Tasmanian Geological Survey Record 1997/09.

D SUTHERLAND, F.L., HENDRY, D.F., BARRON, B.J., MATTHEWS, W.L. & HOLLIS, I.D. 1966. An unusual Tasmanian Tertiary basalt sequence near Boat Harbour, North West Tasmania. Records of the Australian Museum, 48: 131-161.

E J.L. Everard 2002. Limited additional ground traverses.

F GEE, R.D., GULLINE, A.B. and BRAVO, A.P. 1967. Geological Atlas 1 Mile Series. Sheet 28 (8015N), Burnie. Tasmania Department of Mines.

Updated by:

G J.L. Everard, C.R. Calver and A. Ezy 2006. Field checking and revision of geology as part of the Northwest Landslide Hazard Project.

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Website: www.mrt.tas.gov.au
GDAS4 - MGA Zone 55. Contour Interval: 20 metres.



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