

ELLIOTT

Scale: 1:25 000

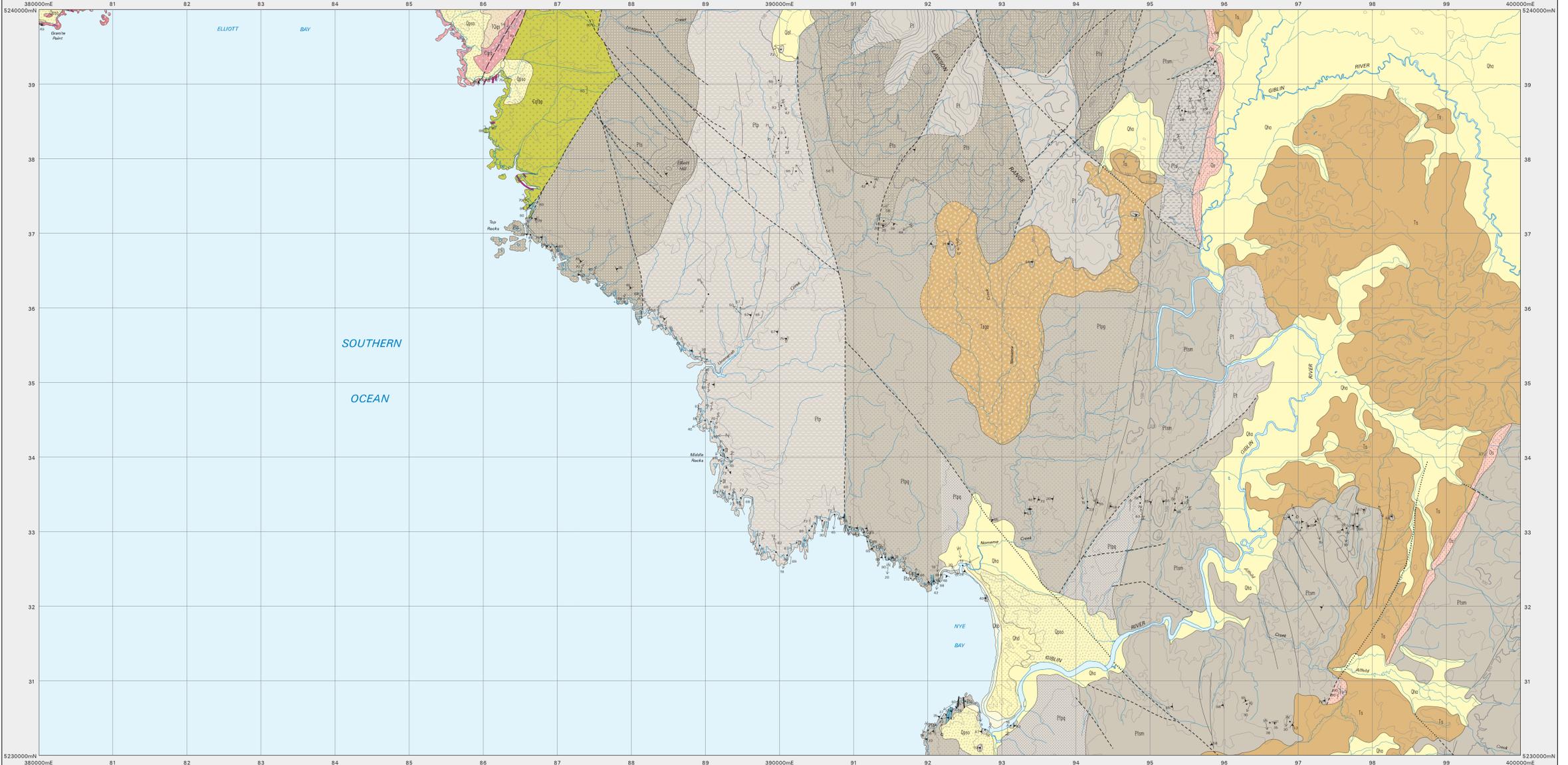


MINERAL RESOURCES
TASMANIA



DEPARTMENT OF INFRASTRUCTURE
ENERGY AND RESOURCES

MINERAL RESOURCES TASMANIA
DIGITAL GEOLOGICAL ATLAS 1:25 000 SERIES
ELLIOTT, SHEET 3823



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PERIOD	SUBPERIOD	UNIT	DESCRIPTION	REMARKS
CEANOZOIC	QUATERNARY	Qha	Stream alluvium, swamp and marsh deposits (Qha).	
		Qhb	Beach sand (Qhb).	
		Qhd	Dune sand (Qhd).	
		Qhr	Raised beach deposits (Qhr).	
		Qaf	Alluvial fans (Qaf).	
	PLEISTOCENE	Qpsa	Older stabilised sand dunes (Qpsa).	
		TQps	Gravel and sand deposits associated with surface at approximately 50m a.s.l. Includes vein quartz lag and probable younger alluvial deposits (TQps).	
		Ts	Predominantly unconsolidated gravels, commonly rounded (Ts).	
		Tqg	Angular gravel of mainly vein quartz (Tqg).	
		Di	Dark grey limestone, dolomite, calcareous mudstone, minor quartz sandstone. Fossiliferous in places. Concealed by Cenozoic cover in Giblin River area. Correlate of Gordon Limestone (Di).	
PALEOZOIC	MIDDLE CAMBRIAN	Os	Predominantly grey quartz sandstone, commonly dolerited or cross bedded. Minor coarse sandstone, gabbro spondone and conglomerate at base. Probable correlate of Meira Sandstone (Os).	
		Osas	Bedded volcanoclastic sandstone, siltstone and minor siliceous sandstone abutting Proterozoic rocks. Possible correlate of Slicht Range Beds (Osas).	
	PROTEROZOIC	Et1	Metamorphic rocks, dominantly metapelite (Et1).	
		Et2	Dominantly quartzite (Et2). Platey or schistose micaceous quartzite (Et2).	
		Et3	Quartzite with interlayered quartz-mica and mica-quartz phyllite (Et3).	
MESOPROTEROZOIC	Et4	Phyllite and quartz-schist (Et4).		
	Et5	Dominantly phyllite (Et5).		
	Et6	Fine- to coarse-grained, often thinly bedded, pelitic, garnetiferous quartz-mica and mica-quartz schists, commonly containing phengite, biotite, amphibole, albite and chlorite. Minor gneiss, amphibolite and granite. Relatively high metamorphic grade (Et6).		

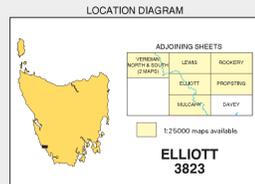
PERIOD	UNIT	DESCRIPTION
PALEOZOIC	Devonian	
	Middle Cambrian	
PROTEROZOIC	Mesoproterozoic	
	Proterozoic	

IGNEOUS ROCKS

Di	Lamprophyre dykes (Di).
Edbc	Mafic dykes, typically chlorite-tered (Edbc).
Egrb	Biotite granite-quartz monzonite, medium to coarse-grained (Egrb).
Egrk	K-feldspar phytic granite, medium to coarse-grained (Egrk).
Egrg	Granite-related apsite, microgranite or quartz-feldspar porphyry dykes (Egrg).
Eclfp	Quartz-feldspar-biotite porphyry, coarse-grained (Eclfp).
Egrn	Local occurrences of granite, associated with high grade metamorphic rocks in the Nye Bay area. Dated at 508±9 Ma (W.D.M. Hal pers. comm.) (Egrn).
Eta	Amphibolite (Eta).

—	Geological boundary - position approximate
— (White line)	Geological boundary - inferred
—	Limit of mapping of sub-unit within undifferentiated rock unit (colour boundary)
- - - - -	Fault - position approximate
- - - - -	Fault - inferred
.....	Fault - concealed
.....	Lineament visible on aerial photographs

↗	Dip of geological contact of unspecified type.
↘	Strike and dip of bedding, facing unknown, right way up.
↗ ↘	Strike and dip of cleavage of unspecified type and relative age, vertical.
↗ ↘	Strike and dip of crenulation cleavage.
↗ ↘	Strike and dip of cleavage, relative local age St. S2.
↗ ↘	Trend and plunge of minor fold hinge line, unspecified relative age, with dip and dip direction of axial surface, horizontal.
↗ ↘	Trend and plunge of minor fold hinge line, unspecified relative age, vergence dextral, vergence sinistral, symmetrical.
↗ ↘	Strike and dip of metamorphic foliation other than cleavage, vertical, parallel to compositional layering.
↗ ↘	Trend and plunge of hinge line of reclined minor fold, unspecified relative age, symmetrical.
↗ ↘	Strike and dip of mafic schlieren associated with granitic rock.
↗ ↘	Strike and dip of dominant joint set.
↗ ↘	Trend and plunge of lineation of unspecified type.
↗ ↘	Trend and plunge of crenulation lineation.
↗ ↘	Strike and dip of outcrop-scale fault of unspecified relative age, type unspecified.
•	Field station for adjacent readings on the map.
•	Notable small outcrop, with rock type indicated.



REFERENCE THIS MAP AS:
Hal, W.D.M. Vicary, M.J. 2006 (Compilers). Digital Geological Atlas 1:25,000 Series, Sheet 3823, Elliott, Mineral Resources Tasmania.

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Map produced by the Data Management Branch of Mineral Resources Tasmania using GIS software.

A0066 - AMG Zone 55. Contour Interval: 20 metres.

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