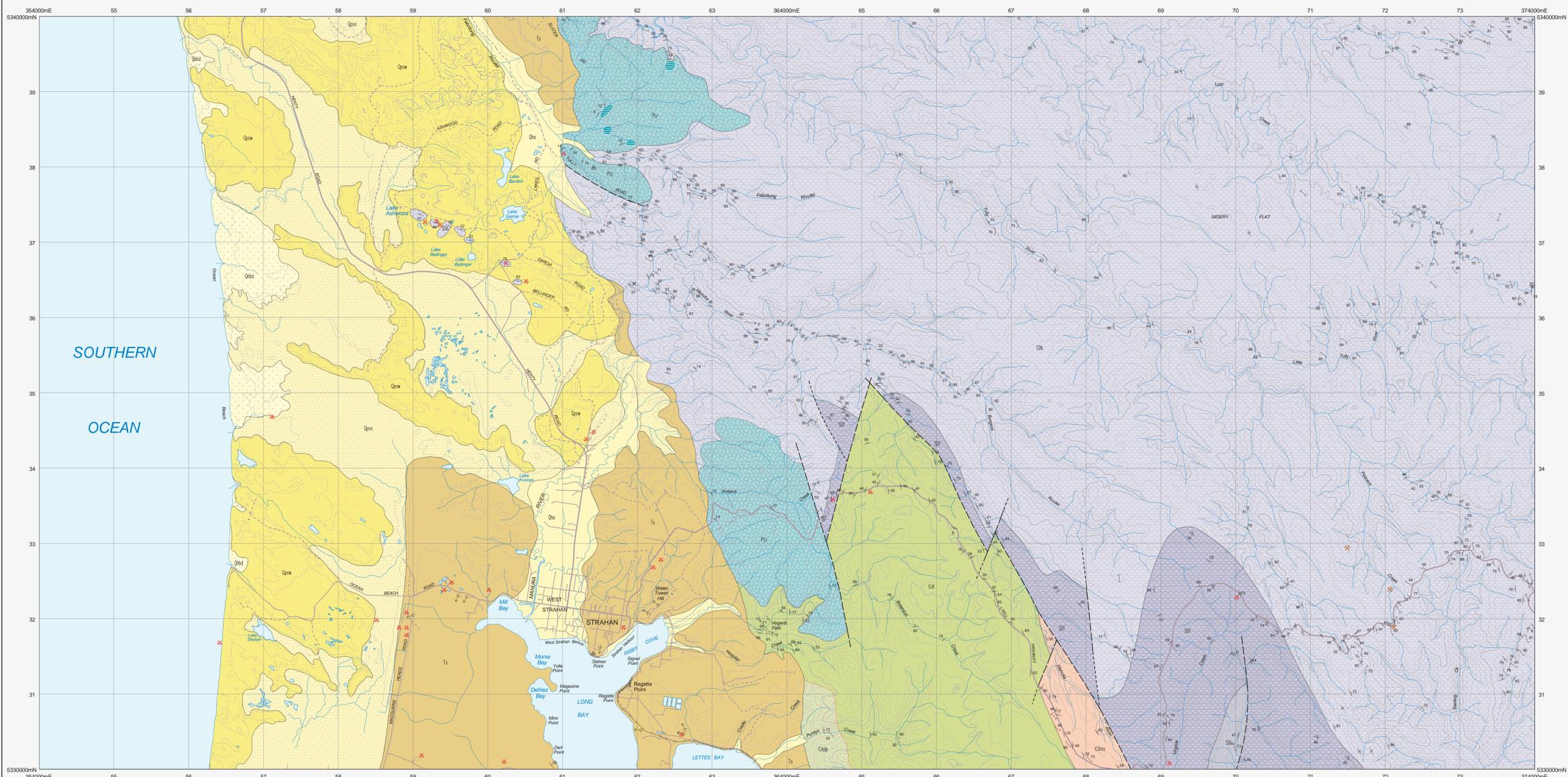


# STRAHAN WEST

Scale: 1:25 000



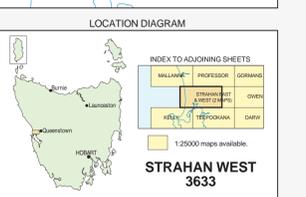
### COMPOSITE LEGEND FOR STRAHAN EAST AND STRAHAN WEST

PERIOD	UNIT	DESCRIPTION
CEANOZOIC	Qhm	Man-made deposits, including mine dumps and disturbed ground (Qhm).
	Qha	Stream alluvium, swamp and marsh deposits (Qha).
	Qhd	Younger active dune, beach sand and gravel (Qhd).
	Qpsd	Older aeolian sand and sand dunes (Qpsd).
	Qpsk	Older aeolian sand dunes (Qpsk).
	Qps	Older aeolian sand dunes (Qps).
	Qps	Older aeolian sand dunes (Qps).
	Qps	Older aeolian sand dunes (Qps).
	Qps	Older aeolian sand dunes (Qps).
	Qps	Older aeolian sand dunes (Qps).
PALEOZOIC	Ts	Dominantly non-marine sequence of gravel, sand, silt, clay and regolith (Ts).
	Ptz	Tillite and associated glaciogenic rocks (correlate of Wynyard Tillite) (Ptz).
	Ptz	Rhythmite horizon (Ptz).
	SDk	Grey or greenish grey interbedded laminated mudstone, siltstone and minor fine-grained quartz sandstone (Bal Shale and correlatives) (SDk).
	SDl	Fine-grained quartz sandstone with minor siltstone and mudstone (correlate of Finlay Formation) (SDl).
	SDa	Mainly mudstone and siltstone with minor sandstone and rare limestone (correlate of Acher Formation) (SDa).
	SDu	Mainly coarse-to fine-grained sandstone (commonly decomposed to a friable sand) with an upper sequence of siltstone and fine-grained sandstone in some areas (Criffy Formation and correlatives) (SDu).
	Ol	Mainly siltstone and fine-grained sandstone ('Windermere Shale' and correlatives) (Ol).
	Ol	Limestone with some interbedded siltstone in places. Commonly decomposed to black clay 'pug' (Gordon Limestone) (Ol).
	Oamp	Grey to pink quartz sandstone with boss, pebble-cobble conglomerate, trace fossils and ornamentation bands in upper part (Flower Beds and correlatives) (Oamp).
PALEOZOIC	COms	Interbedded laminated siltstone, micaceous sandstone, graded greywacke, quartzite and minor siliceous conglomerate in Lower King river area (correlate of Newton Creek Sandstone) (COms).
	COck	Green to grey, thin bedded micaceous siltstone and sandstone (COck).
	COck	Green to grey, thin bedded micaceous siltstone and sandstone (COck).
	COck	Green to grey, thin bedded micaceous siltstone and sandstone (COck).

PERIOD	UNIT	DESCRIPTION
PALEOZOIC	Cdli	Mainly volcanoclastic to polymict sandstone, breccia, siltstone, mudstone and conglomerate. Typically quartz-feldspar-phryic. Marine fossils in places. Minor andesitic to basaltic lavas in places (correlates of Lynch Creek Basalt) (Cdli).
	Cdli	Mainly well-bedded quartz-feldspar crystalline volcanoclastic sandstone with minor siltstone and volcanoclastic conglomerate, graded bedding common (Cdli).
	Cdli	Mainly volcanoclastic sandstone and breccia (quartz-feldspar +/- pyroxene-phryic) with minor vitric ash, conglomerate, sandstone and siltstone, Lynchford Member or Lower Lynchford Group (Cdli).
	Cdli	Mainly thin-bedded siltstone and mudstone with subordinate volcanoclastic sandstone (Cdli).
	Cdli	Brown-weathering lava, breccia and related intrusives of basaltic to andesitic composition (faldspar-pyroxene-phryic), including Lynch Creek Basalts (Cdli).
	Cdli	Interlayered andesitic to basaltic lavas/intrusives with some crystal lithic rich volcanoclastic sediments and minor acid volcanics in the Pine Cove Creek area (Cdli).
	Cdli	Dominantly feldspar-phryic volcanic and volcanoclastic rocks, with some andesitic to basaltic volcanics (Cdli).
	Cdli	Mainly feldspar (+ quartz)-phryic lavas and possible intrusives (crypto-domes ?) commonly with a sparguillite or snowflake textured groundmass. Columnar jointing in some places (Cdli).
	Cdli	Mixed sequence of bedded volcanoclastic sandstone, siltstone, mudstone and breccia, typically quartz-feldspar-bearing, with some andesitic lavas and intrusives (Cdli).
	Cdli	Dominantly greywacke and mudstone with some interbedded vitric tuff, crystal tuff and crystal-lithic tuff (Cdli).

PERIOD	UNIT	DESCRIPTION
PALEOZOIC	Cdli	Mainly feldspar (+ quartz)-phryic lavas and possible intrusives (crypto-domes ?) commonly with a sparguillite or snowflake textured groundmass. Columnar jointing in some places (Cdli).
	Cdli	Quartz-feldspar-biotite-porphyr - mainly intrusive but may be partly extrusive (Cdfp).
	Cdli	Feldspar-pyroxene-hornblende porphyry (Cdfp).
	Cdli	Brown-weathering lava, breccia and related intrusives of basaltic to andesitic composition (faldspar-pyroxene-phryic), including Lynch Creek Basalts (Cdli).
	Cdli	Coarse-grained equigranular pyroxene-feldspar-biotite-talc (after olivine) rock, possibly related to Lynch Creek Basalts (Cdli).
	qr	Quartz vein (qr).
	Geological boundary - position accurate or approximate.	Geological boundary - inferred.
	Geological boundary inferred from airborne magnetic data.	Fault - unspecified type, position accurate or approximate.
	Fault - unspecified type, position inferred.	Fault - unspecified type, position concealed.
	Lineament visible in airborne radiometric data.	Axial surface trace of major anticline.
Axial surface trace of major synform.	Limit of mapping of sub-unit within undifferentiated rock units.	

SYMBOL	DESCRIPTION
↗ ↘	Strike and dip of bedding facing known, right way up; overturned vertical (facing indicated by single TC).
↗ ↘	Strike and dip of bedding, facing unknown - dipping vertical.
↗ ↘	Strike and dip of cleavage, type and relative age unspecified - dipping vertical.
↗ ↘	Strike and dip of vertical igneous banding - dipping vertical.
↗ ↘	Strike and dip of crenulation cleavage, dipping.
↗ ↘	Trend and plunge of minor fold hinge line, unspecified relative age.
↗ ↘	Trend and plunge of horizontal minor fold hinge line.
↗ ↘	Trend and plunge of hinge line of minor antiform, unspecified relative age.
↗ ↘	Trend and plunge of minor fold hinge line, relative local age F1, F2.
↗ ↘	Generalised paleocurrent direction, showing sense of movement.
•	Field station for adjacent readings on the map.
•	Notable small outcrop.
•	Notable small flat or lag occurrence, with rock type indicated.
⊗	Microfossil location.
⊗	Macrofossil location.
⊗	Mineral deposit location - hardrock.
⊗	Mineral deposit location - alluvial/alluvial.
⊗	Construction material/industrial mineral/gemstone location.



**REFERENCE THIS MAP AS:**  
VICARY, M.J. (compiler) 2004. Digital Geological Atlas 1:25 000 Scale Series, Sheet 3633 Strahan, Mineral Resources Tasmania.

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Website: www.mrt.tas.gov.au

GDAB4 - MGA Zone 55. Contour Interval: 20 metres.

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