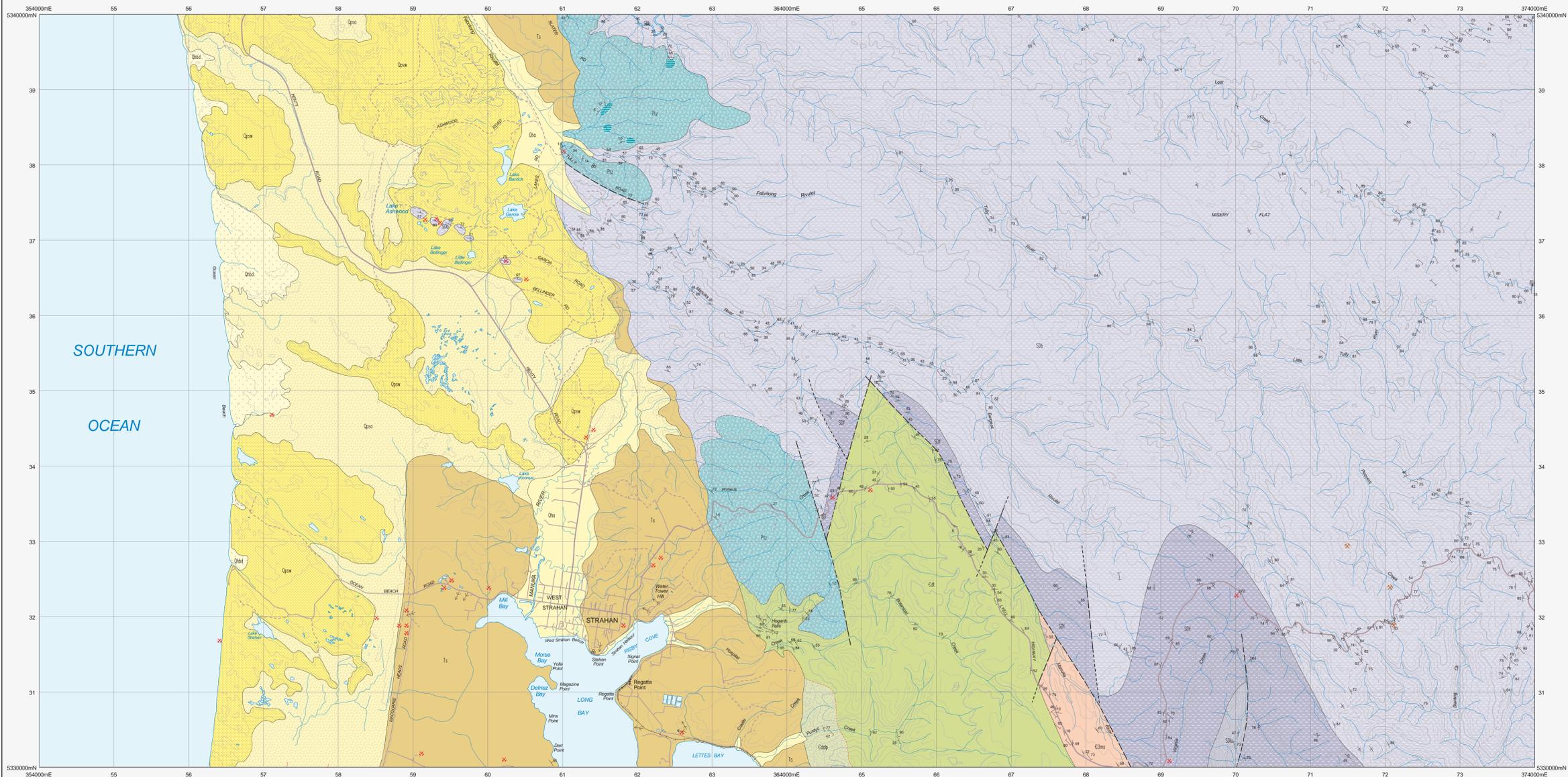
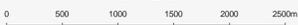


STRAHAN WEST

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).
	Qab	Blocky slope and fan deposits, commonly with leveed channels, probably partly of glacial origin (Qab).
	Qqg	Undifferentiated Pleistocene glacial deposits (Qqg).
	Qagf	Mostly outwash gravels (Qagf).
	Qdgt	Deeply weathered till, outwash gravel and lacustrine sediments. Reversed magnetic polarity indicate age > 750000 ypa. Deposits of Loda glaciation (Qdgt). Dolerite erratic at 33850m (Qdgt).
	Ts	Dominantly non-marine sequence of gravel, sand, silt, clay and regolith (Ts).
PALEOZOIC - NEOGENE	Pz	Tillite and associated glaciogenic rocks (correlate of Wynyard Tillite) (Pz).
	Rhr	Rhythmite horizon (Rhr).
PALEOZOIC	SDu	Grey or greenish grey interbedded laminated mudstone, siltstone and minor fine-grained quartz sandstone (Bul Shale and correlatives) (SDu).
	SDi	Fine-grained quartz sandstone with minor siltstone and mudstone (correlate of Finlayson Formation) (SDi).
	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 basal pebble-cobble conglomerate, trace fossils and crinoid-stem bands in upper part (Flower Beds and correlatives) (Oamp).
	COms	Interbedded laminated siltstone, micaceous sandstone, graded greywacke, quartzite and minor siliceous conglomerate in Lower King river area (correlate of Newton Creek Sandstone) (COms).
	COcl	Green to grey, thin bedded micaceous siltstone and sandstone (COcl).
	COcl	Green to grey, thin bedded micaceous siltstone and sandstone (COcl).

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 Group) (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 (Feldspar-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).
	Cdsv	Dominantly feldspar-phryic volcanic and volcanoclastic rocks, with some andesitic to basaltic volcanics (Cdsv).
	Cdli	Mainly feldspar (+ quartz)-phryic lavas and possible intrusives (crypto-domes?) commonly with a spherulitic or snowflake textured groundmass. Columnar jointing in some places (Cdli).
	Cdsv	Mixed sequence of bedded volcanoclastic sandstone, siltstone, mudstone and breccia, typically quartz-feldspar-bearing, with some andesitic lavas and intrusives (Cdsv).
	Cdsv	Dominantly greywacke and mudstone with some interbedded vitric tuff, crystal tuff and crystal-lithic tuff (Cdsv).

PERIOD	UNIT	DESCRIPTION
PALEOZOIC	Cdli	Mainly feldspar (+ quartz)-phryic lavas and possible intrusives (crypto-domes?) commonly with a spherulitic or snowflake textured groundmass. Columnar jointing in some places (Cdli).
	Cdli	Quartz-feldspar-biotite-porphyr - mainly intrusive but may be partly extrusive (Cdli).
	Cdli	Feldspar-pyroxene-hornblende porphyry (Cdli).
	Cdli	Brown-weathering lava, breccia and related intrusives of basaltic to andesitic composition (Feldspar-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 photogrammetry.	Axial surface trace of major anticline.

INTRUSIVE ROCKS

qr	Quartz vein (qr).
Cdli	Mainly feldspar (+ quartz)-phryic lavas and possible intrusives (crypto-domes?) commonly with a spherulitic or snowflake textured groundmass. Columnar jointing in some places (Cdli).
Cdli	Quartz-feldspar-biotite-porphyr - mainly intrusive but may be partly extrusive (Cdli).
Cdli	Feldspar-pyroxene-hornblende porphyry (Cdli).
Cdli	Brown-weathering lava, breccia and related intrusives of basaltic to andesitic composition (Feldspar-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).

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.
Trend and plunge of columnar jointing.
Field station for adjacent readings on the map.
Notable small outcrop.
Notable small float 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.

Data derived from Mineral Resources Tasmania DEPOSITS data base. Data point location has not been verified in every case.

RESPONSIBILITY DIAGRAM

A.E.

LOCATION DIAGRAM

INDEX TO ADJOINING SHEETS

WILSON	PROBATION	GRAND
WEST	STRAHAN	OVER
HEPURNAN	REPOUNAN	DUNN

1:25000 maps available.

STRAHAN WEST 3633