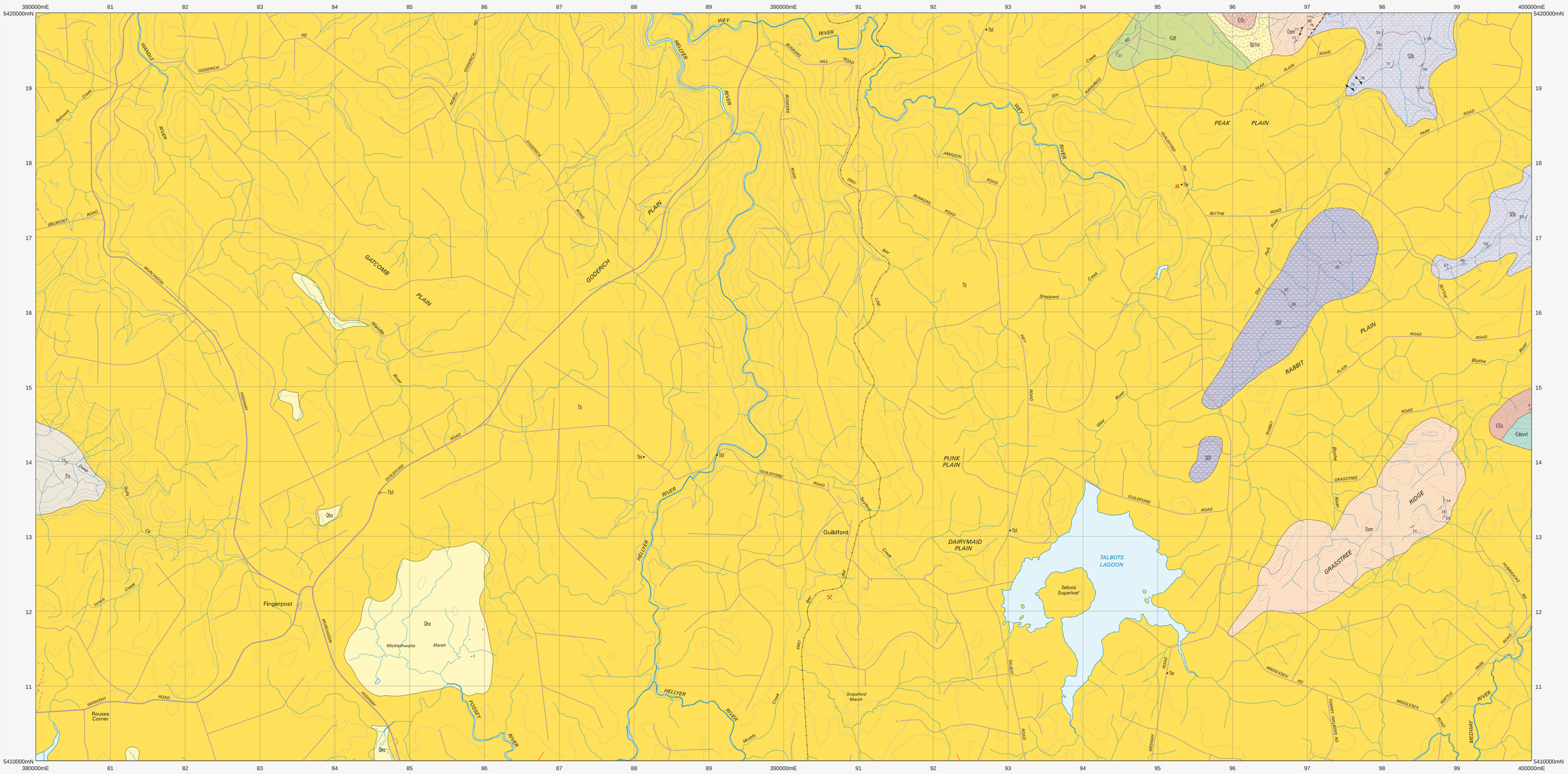
Department of Infrastructure Energy and Resources
MINERAL RESOURCES TASMANIA

DIGITAL GEOLOGICAL ATLAS 1:25 000 SCALE SERIES
GUILDFORD, SHEET 3841

GUILDFORD

Scale: 1:25 000

0 500 1000 1500 2000 2500m



CENOZOIC	QUATERNARY	Qha	Alluvium, swamp and marsh deposits (Qha).
		Qptoc	Scree and talus derived from siliciclastic rocks (Qptoc).
	PALEOGENE–NEOGENE		Erosional surface.
		Tb	Basalt (Tb). Olivine tholeiite (Tbt) and transitional olivine basalt (Tbr) indicated.
			Angular unconformity.
PALEOZOIC	SILURIAN – DEVONIAN (LOWER DEVONIAN)	SDb	Fossiliferous sandstone and mudstone (correlate of Bell Shale) (SDb).
		SDf	Quartz sandstone with minor siltstone (correlate of Florence Quartzite) (SDf).
			Faulted contacts on this sheet.
	ORDOVICIAN	Ot	Fossiliferous limestone and impure limestone (Ot).
		Osm	Bioturbated sandstone and minor conglomerate (correlate of Moina Sandstone) (Osm).
	CAMBRIAN – FURONGIAN	€Os	Sandstone and pebbly sandstone (correlate of Upper Owen Sandstone) (€Os).
		€Oc	Dominantly siliciclastic conglomerate (€Oc).
	CAMBRIAN SERIES 3	€dt	Mixed sequence of sedimentary and extrusive, felsic to intermediate volcanic rocks (€dt).
		€dsvvt	Fine-grained vitric tuff with intercalated mass flow breccia, lithicwacke and shale (€dsvvt).
MESOPROTEROZOIC–NEOPROTEROZOIC		Po	Interbedded quartzose lithicwacke and phyllite (correlate of Burnie and Oonah Formations) (Po).

ELDON GROUP — WURAWINA SUPERGROUP
GORDON GROUP — WURAWINA SUPERGROUP
OWEN GROUP — WURAWINA SUPERGROUP
TYNDALL GROUP — MOUNT READ VOLCANICS

Geological boundary – position approximate.
Geological boundary – inferred.
Fault – position inferred.
Lineament visible in airborne magnetic data.

Strike and dip of bedding – facing known.
Strike and dip of bedding – facing unknown.
Strike and dip of cleavage of unspecified type and relative age; relative local age S2; relative local age S4.
Mineral deposit location – hardrock
Construction material/industrial mineral/gemstone location
Data derived from Mineral Resources Tasmania DEPOSITS database. Data point position has not been verified in every case.

Compiled by J. Everard, B.Sc.(Hons), 2001 from the following sources (see responsibility diagram)

A BAILLIE, P.W; WILLIAMS, P.R; SEYMOUR, D.B; LENNOX, P.G. & GREEN, G.R. 1986. Geological Atlas 1:50 000 Series. Sheet 36 (8015N), St Valentines. Tasmania Department of Mines.

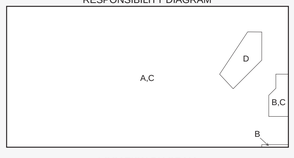
B PEMBERTON, J. & VICARY, M.J. 1988. Mt Read Volcanics Project, Project Map 8 Geology of the Mt Cattley – Mt Tor areas. Loongana. Tasmania Department of Mines.

Updated by:

C K.D. Corbett, 2004 as part of the Western Tasmanian Regional Minerals Program with additional information from:

D POLTOCK, R. 2002. Ground truthing aeromagnetic and radiometric features, Sheets 4 and 5, Northern Tasmania. Mineral Resources Tasmania.

RESPONSIBILITY DIAGRAM



REFERENCE THIS MAP AS:

EVERARD, J.L. (compiler) 2004. Digital Geological Atlas 1:25 000 Scale Series. Sheet 3841. Guildford. Mineral Resources Tasmania.

Base data from the LIST, Copyright State of Tasmania.

Map produced by the Geoscience Information Branch of Mineral Resources Tasmania using G.I.S. software.

GDA94 – MGA Zone 55. Contour Interval: 20 metres.

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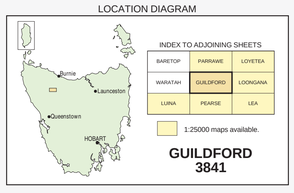
LOCATION DIAGRAM



INDEX TO ADJOINING SHEETS

BARETOP	PARRAWE	LOYETEA
WARATAH	GUILDFORD	LOONGANA
LUINA	PEARSE	LEA

1:25000 maps available.

GUILDFORD 3841

Plotfile for this map generated from digital data as at: 01-FEB-2012

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