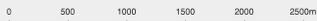
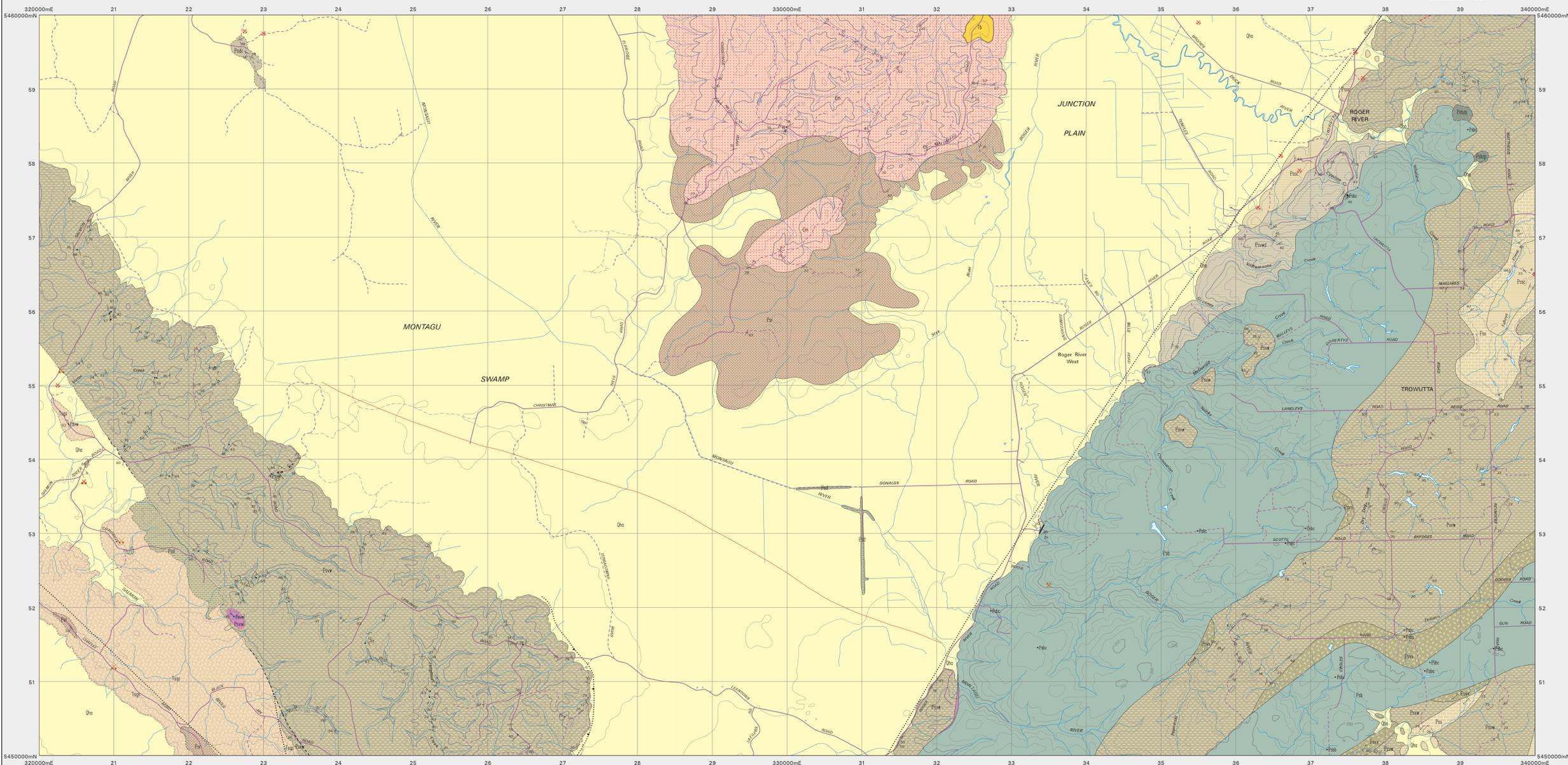


ROGER

Scale: 1:25 000



TASMANIAN GEOLOGICAL SURVEY
DIGITAL GEOLOGICAL ATLAS 1:25 000 SERIES
ROGER, SHEET 3245



PERIOD	UNIT CODE	DESCRIPTION
CENOZOIC	Oha	Alluvium and swamp deposits (Oha).
	Tb	Basalt (Tb).
	Tgs	Interbedded siliceous gravel, quartz sand and clay (Tgs).
PALAEOZOIC	Cm	Reddish-brown weathering, interbedded laminated siltstone, lithicwacke and conglomerate. (Scopus Formation) (Cm).
	Es	Interbedded massive or banded, black, white and grey chert (oolitic in part) and laminated siltstone, with minor dolomite (Es).

PERIOD	UNIT CODE	DESCRIPTION
NEOPROTEROZOIC	Psd	Pale weathering, thin bedded, laminated quartz siltstone with subordinate interbedded fissile shale. Commonly silicified. (Cotton River Stratum) (Psd).
	Psdv	Shallow marine dolomite and minor limestone (Psd). Areas of silicification and/or clayey pug indicated (Psdv).
	Evw	Interbedded laminated mudstone, siltstone and lithicwacke with mafic volcanic detritus (Evw). Small outcrop of impure limestone of C2235.38 (Evw). Hematitic partings indicated (Evw). Interbedded dolomitic siltstone and laminated dolomite, locally occurring at base of the formation (Evw).
	Psv	Dominantly micrite (with clasts of basaltic and felsic volcanic rocks, dolomite, chert and mudstone-siltstone in a fine-grained non-dolomitic matrix), with interbedded laminated mudstone, siltstone and calcareous siltstone (Psv). (Crokes Hill Member).
	Psvb	Massive basalt (Psv). (Spinks Creek Volcanics).
BLACK RIVER KANUWAN SUBGROUP	Es	Interbedded dolomite chert, siltstone and mudstone (Es). Interbedded massive or banded, black, white and grey chert (oolitic in part) and laminated siltstone, with minor dolomite (Es).
	Essc	Interbedded massive or banded, black, white and grey chert (oolitic in part) and laminated siltstone, with minor dolomite (Essc).

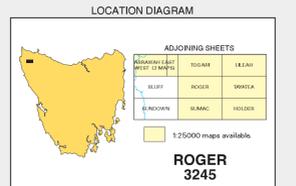
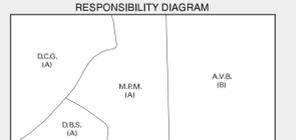
IGNEOUS ROCKS

PERIOD	UNIT CODE	DESCRIPTION
NEOPROTEROZOIC	Tb	Basalt (Tb).
	Psb	Massive basalt (Psb). Varieties with ~ 0.6 - 0.7 wt.% TiO ₂ (Psb), 1.0 - 1.1 wt.% TiO ₂ (Psb) and 1.5 - 1.8 wt.% TiO ₂ (Psb) indicated. (Psb, Pbsa, Pbsb, Pbsc: Spinks Creek Volcanics).
	Psbzp	Dolerite intrusives of picritic composition indicated (Psbzp).

- Strike and dip of bedding, facing known - right way up; overturned.
- Strike and dip of bedding, facing unknown - dipping vertical.
- Horizontal bedding.
- Strike and dip of cleavage, type and relative age unspecified - dipping, vertical.
- Strike and dip of cleavage, relative local age S1 S2.
- Trend and plunge of hinge line of minor fold; vertical axial surface.
- Generalised paleocurrent direction, showing sense of movement.
- Field station for adjacent readings on the map.
- Mineral deposit location - hardrock
- Mineral deposit location - alluvial
- Construction materials location -

Geology by M.P. McClenaghan, B.Sc.(Hons), Ph.D.; D.B. Seymour, B.Sc.(Hons), Ph.D.; D.C. Green, B.Sc.(Hons), Ph.D.; and A.V. Brown, B.Sc.(Hons), Ph.D.
(see responsibility diagram)
A New 1:25000 scale mapping, 1995-96.
B Redrawn from Geological Atlas 1:50,000 series, sheet 27 (7915N) Trowutta 1996, Mineral Resources Tasmania.

Digital base information from Information and Land Services Division, Department of Primary Industries, Water and Environment.
Map produced by the Data Management Branch of Mineral Resources Tasmania using G.I.S. software, ACT95 - AMG Zone 55. Contour Interval: 20 metres.



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