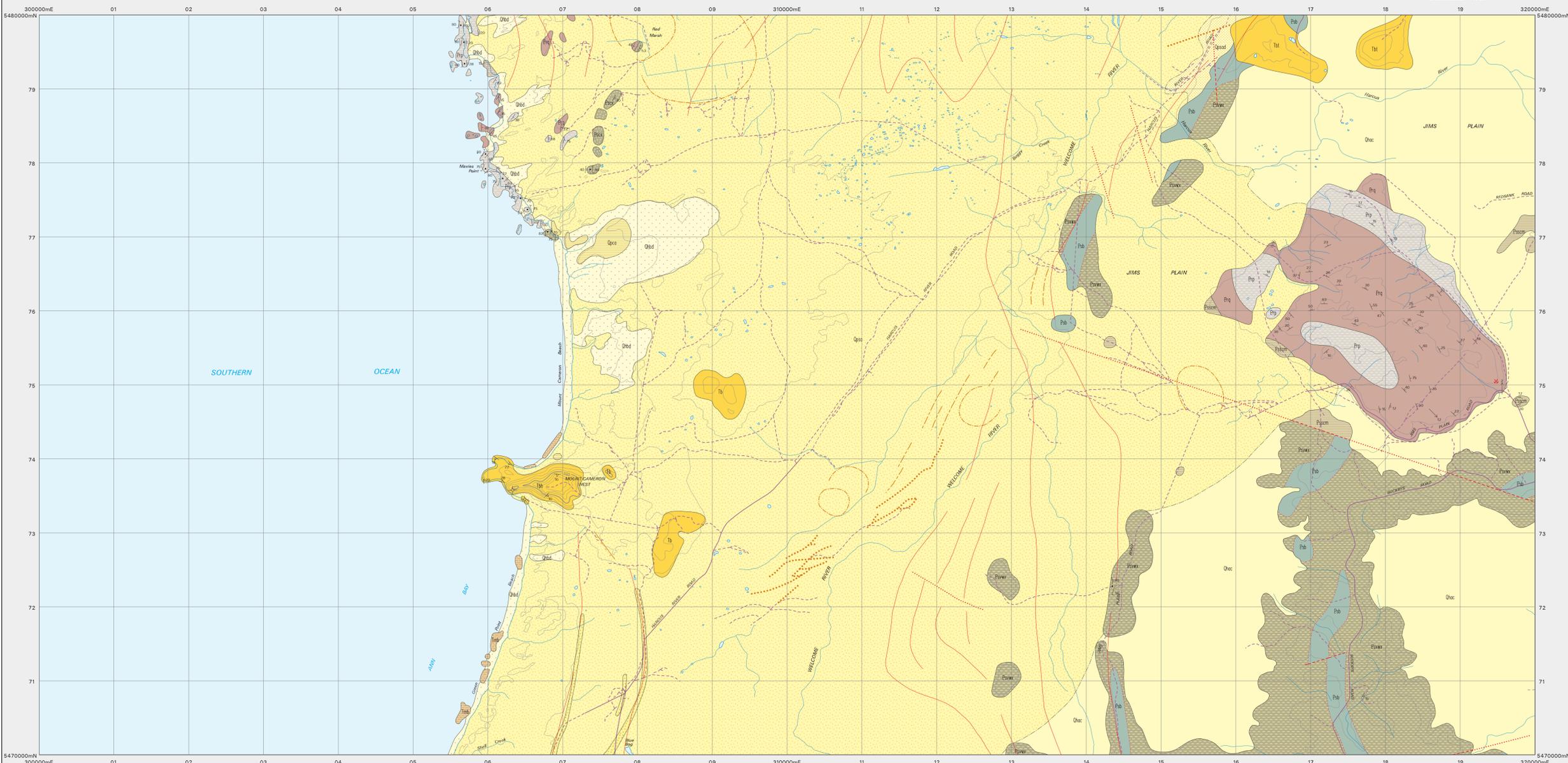


# CAMERON

Scale: 1:25 000  
0 500 1000 1500 2000 2500m

TASMANIAN GEOLOGICAL SURVEY  
DIGITAL GEOLOGICAL ATLAS 1:25 000 SERIES  
CAMERON, SHEET 3047



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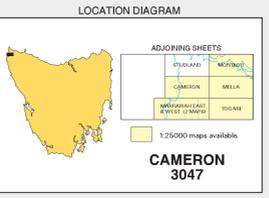
PERIOD	ROCK GROUP	UNIT	DESCRIPTION
CENOZOIC	QUATERNARY	Qhac	Alluvium and colluvium - including alluvial deposits of sand, clay-rich sand or gravel; later and older with deposits; swamp deposits of sand, clay and peat; and deposits rich in chert lag derived with associated soil from underlying Proterozoic dolomite sequences. (Qhac).
		Qhbd	Younger active dune and beach sand and beach gravel (Qhbd).
		Qpca	Aeolian calcarenite, partially lithified, showing dune cross-bedding (Qpca).
		Qpsa	Older stabilised aeolian sand of predominantly coastal plain, with underlying marine sands in places; may show relict landforms including terraces, lunettes, lines or beach dunes, and beach ridges related to regressive strandlines of Last Interglacial Stage (Qpsa); some areas with preserved relict barchan dune forms indicated (Qpsa).
TERTIARY	TOBARI GROUP	Tb	Basalt lava (Tb), olivine tholeiite (Tb); howlite (Th), At Mt Cameron West, Tas with X-ray geochronological age 14.5 +/- 2 Ma; T.S. +/- 2 Ma overlies Tmb.
		Tmb	Biostratigraphic marine limestone, of Early Miocene (L Longfordian to Batesfordian) biostratigraphic age (Tmb).
NEOPROTEROZOIC	TOBARI GROUP	Pb	Interbedded siliceous (massive to well bedded, turbiditic and/or mafic volcanoclastic in part), laminated siltstone/mudstone, and minor polymict siliceous conglomerate; includes some occurrences of coarse breccia or mixite with clasts of mafic volcanic rocks (Pbvc). (Correlates of Koppal Creek Formation, may include some equivalents of Croes Hill Mixite).
		Pbvc	Massive and minor amygdaloidal, dominantly tholeiitic basalt (Pbvc). (Correlates of Spinks Creek Volcanics).
		Ppsc	Massive to banded or mottled black, white and grey chert (after shallow marine carbonates), with subordinate interbedded laminated black mudstone, and with preserved siliceous and stromatolitic textures in places (Ppsc). (Correlates of Black River Dolomite).
MESOPROTEROZOIC	TOBARI GROUP	Prq	Monomictic (with dominantly quartzarenite clasts) and minor polymictic, massive coarse siliceous breccia, and bedded siliceous conglomerate with subordinate cross-laminated quartzarenite (Prqc). (Correlates of Forest Conglomerate and Quartzite).
		Ptp	Erosional and transgressive surface; low angle unconformity of some localities. Pale weathering, variably siliceous quartzarenite, well bedded and commonly with cross-lamination of trough and planar-tubular types and oscillation ripple bedforms, and with minor horizons of laminated siltstone; later influence suggested by bed to bed reversals of cross-lamination polarity in some sections. (Ptp).
MESOPROTEROZOIC	TOBARI GROUP	Ptp	Mid to dark grey, thin-bedded laminated siltstone and mudstone, with minor thin interbeds of cross-laminated and oscillation ripple-marked quartzarenite in some places (Ptp); laminated dolomitic mudstone in some areas (Ptpb).
		Ptpb	

PERIOD	ROCK GROUP	UNIT	DESCRIPTION
TERTIARY	TOBARI GROUP	Tb	Basalt lava (Tb), olivine tholeiite (Tb); howlite (Th).
NEOPROTEROZOIC		Pb	Massive and minor amygdaloidal, dominantly tholeiitic basalt (Pb). (Correlates of Spinks Creek Volcanics).

- Strike and dip of bedding - facing known; unknown.
- Strike and dip of primary igneous flow banding; vertical.
- Strike and dip of cleavage, type and relative age unspecified.
- Trend and plunge of hinge-line of minor fold, relative age unspecified; with dip direction and dip of axial surface; with vertical axial surface.
- Mineral deposit location - hardrock
- Mineral deposit location - alluvial
- Construction materials location

Compiled by D.B. Seymour, B.Sc.(Hons), Ph.D., from the following sources (see Responsibility Diagram):  
A. Seymour, D.B. Ball, PH. 1987. Geological Atlas 1:50 000 Series, Sheet 7818S, Woodnorth, Department of Mines, Tasmania.  
With modifications and additions based on interpretation of airborne magnetic and radiometric data collected under the Western Tasmanian Regional Minerals Program 2001.

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 GIS software, ArcView - ARC Zone 95. Contour interval 20 metres.



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WARNING:INKS ARE LIGHT SENSITIVE