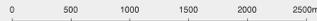
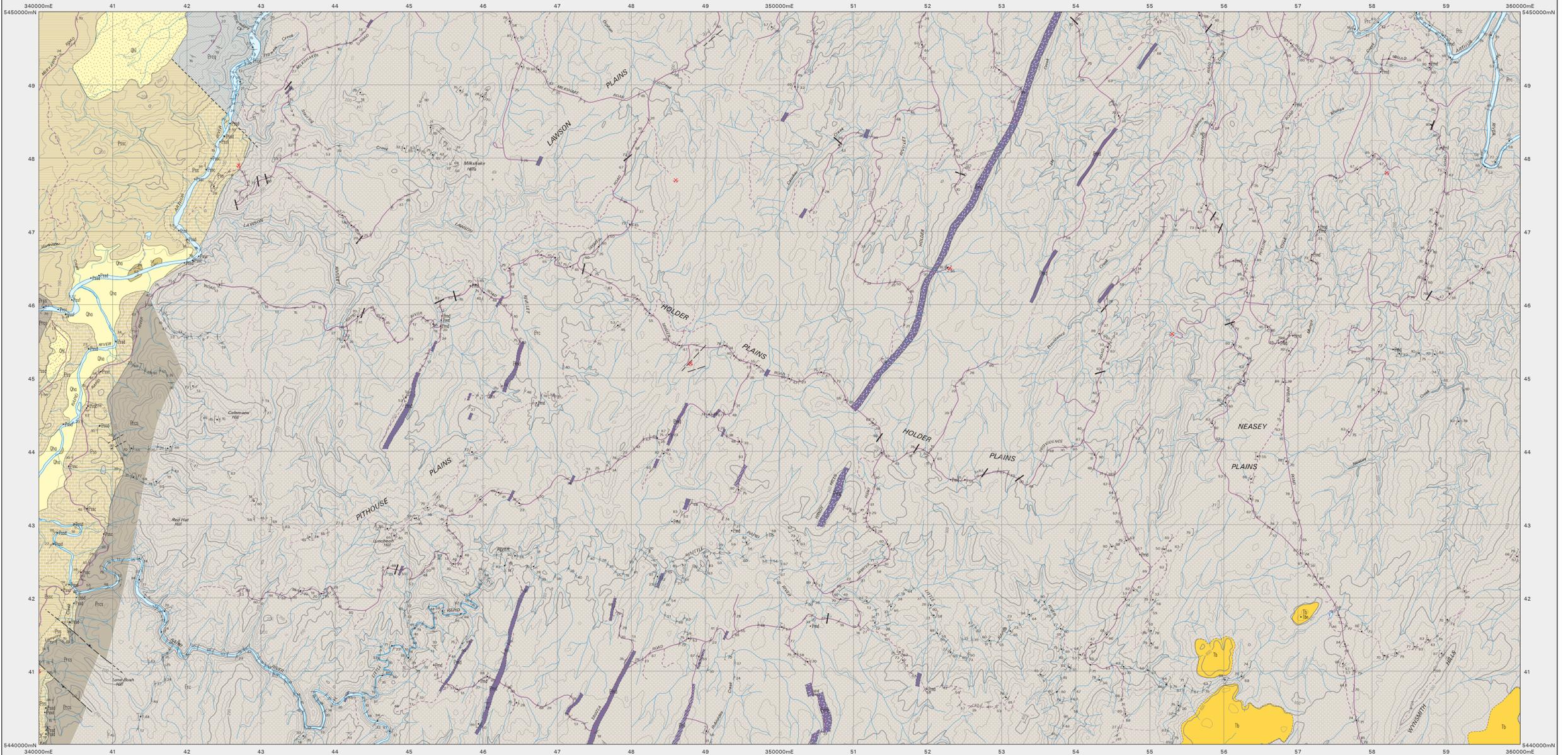


HOLDER

Scale: 1:25 000



TASMANIAN GEOLOGICAL SURVEY
DIGITAL GEOLOGICAL ATLAS 1:25 000 SERIES
HOLDER SHEET 3444



PERIOD	UNIT	DESCRIPTION
CENOZOIC	QUATERNARY	
	Qha	Stream alluvium, swamp and marsh deposits (Qha).
TERTIARY	Qy	Lag of dominantly oolitic and banded chert with associated silt and sand (Qh).
	Tb	Basalt (Tb).
PRECAMBRIAN	Pssd, Pss, Psa, Psc	Interbedded dolomite, chert, siltstone and mudstone (Pss). Interbedded, massive or banded black, white and grey chert (oolitic in part) and laminated siltstone, with minor dolomite (Pssc). Massive to well laminated stromatolitic dolomite (Pssd). Flaggy block siliceous massive-striated and laminated chert (Psa). Siliceous massive-striated and laminated chert (Psc) of specific localities (Pscf). (Pss, Pssd, Psa, Pscf: Black River dolomite).
	Prc	Interbedded, dominantly monomitic siliceous pebble-cobble to rarely boulder conglomerate (commonly occurring at base of formation) with siltstone dominantly of laminated to massive quartzite, with granite, and thick-bedded white saccharoidal quartzites with cross-bedding at some localities (Prc). (Small outcrop near CD4D420). (Correlate of the Forest Conglomerate and Quartzite).
MESOPROTEROZOIC		Erosional and transpressive surface; low angle unconformity of some localities.
	Erc, Erc	Interbedded, black, dark grey and green, commonly pyritic, laminated siltstone and mudstone, with rare sandstone and mud pellet conglomerate (Erc). Mappable unit of dominantly very fine-grained quartz siltstone in Boundary Creek area indicated (Erca). Silicified equivalent of unit Erc in Jay Creek - Lampry Creek area indicated (Ercb). (Erc, Erca, Ercb: Cowie Siltstone).

PERIOD	UNIT	DESCRIPTION
TERTIARY	Tb	Basalt (Tb). Olivine nephelinite (Tbn) indicated.
		Erosional surface.
PROTEROZOIC	Erd	Dolerite dykes (Erd). Foliated variety (Erdm) indicated.
	Ermq	Dolerite dykes, massive relatively felsic variety with ~ 58 wt.% SiO ₂ (Ermq).
	Erm	Dolerite dykes, massive variety with relatively low (2 wt.%) alumina (Erm).

- Geological boundary - position approximate.
- Geological boundary - inferred.
- Fault - position approximate, downthrown side indicated where known.
- Fault - inferred.
- (White line) Limit of mapping of sub-unit within undifferentiated rock unit.
- Notable small outcrop or float / log occurrence.

- Strike and dip of bedding - right way up.
- Strike and dip of bedding, face unknown - dipping; vertical.
- Horizontal bedding.
- Strike and dip of cleavage of unspecified type and relative age - dipping; vertical.
- Trend and plunge of minor fold hinge line, unspecified relative age; with dip and dip direction of axial surface; with vertical axial surface.
- Trend and plunge of minor fold hinge line, unspecified relative age, vergence dextral; symmetrical. Axial surface orientation may be shown as above.
- Trend of horizontal minor fold hinge line, unspecified relative age; with dip of axial surface.
- Strike and dip of kink band with sense of displacement.
- Strike down plunge - dextral; sinistral.
- Strike of vertical kink band - sinistral.
- Strike and dip of outcrop-scale fault, type unspecified - dipping; vertical; thrust - dipping.
- Mineral deposit location - hardrock
- Mineral deposit location - alluvial
- Construction materials location

Geology based on -
Geological atlas 1:50,000 series, sheet 27 (7915N)
Townships 1986, Mineral Resources Tasmania.
Compiled by D.A. Seymour, B.Sc.(Hons), Ph.D.;
J.L. Everard, B.Sc.(Hons).

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,
ARC/INFO - ARC Zone 55. Contour Interval: 20 metres.



ADJOINING SHEETS		
3443	3444	3445
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3441	3444	3447

1:25000 maps available.

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