Department of Infrastructure Energy and Resources
MINERAL RESOURCES TASMANIA

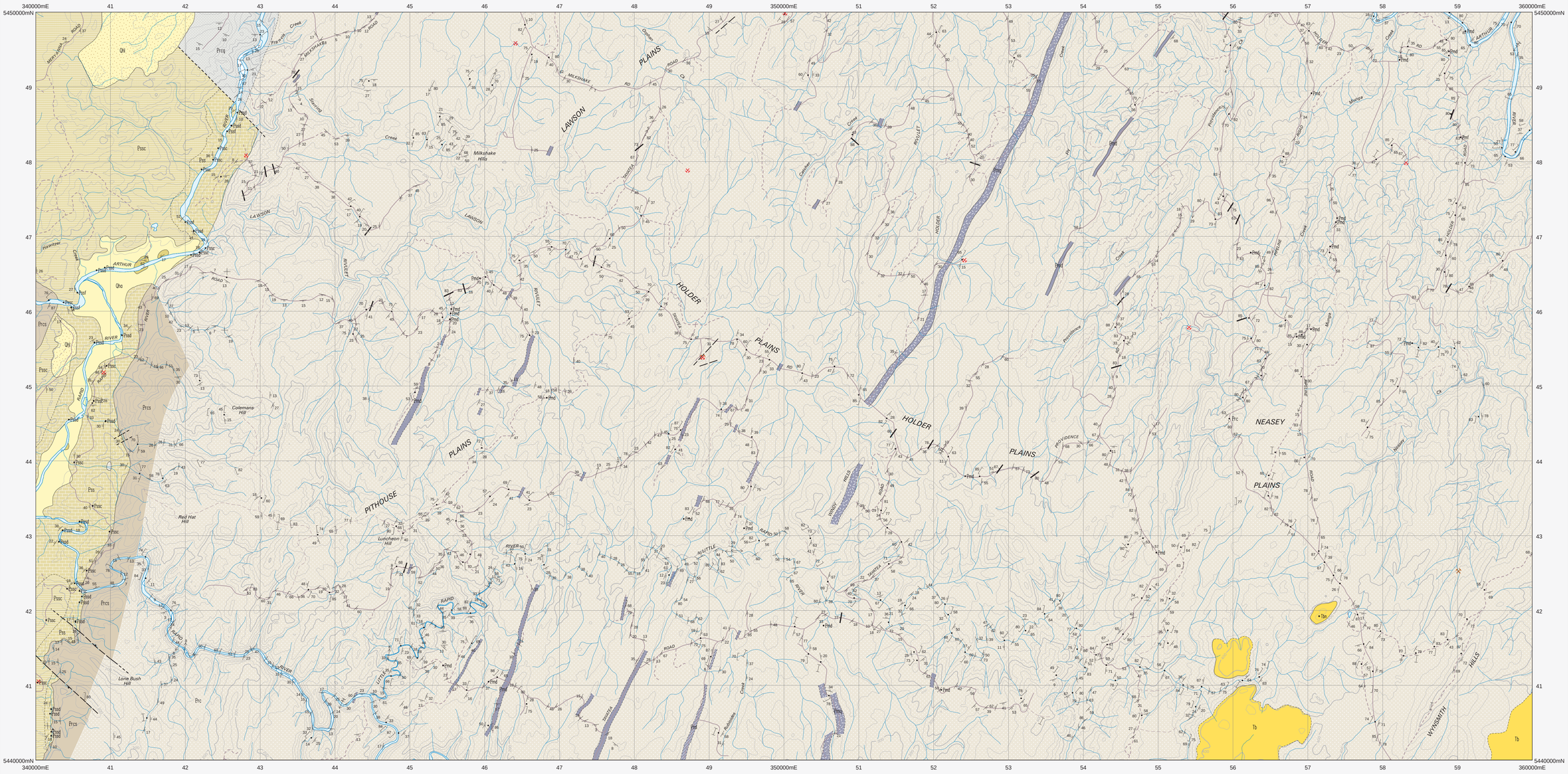
DIGITAL GEOLOGICAL ATLAS 1:25 000 SCALE SERIES
HOLDER, SHEET 3444

HOLDER

Scale: 1:25 000

0 500 1000 1500 2000 2500m

Tasmania
Explore the possibilities



CENOZOIC

QUATERNARY

Qha — *Stream alluvium, swamp and marsh deposits (Qha).*

Qhl — *Lag of dominantly oolitic and banded chert with associated silt and sand (Qhl).*

Erosional surface.

PALEOGENE–NEOGENE

Tb — *Basalt (Tb).*

Angular unconformity.

NEOPROTEROZOIC

CRYOGENIAN

Pssd, Pss, Pssc, 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 black siliceous mudstone–siltstone and laminated chert indicated at specific localities (Psst) (Pss, Pssd, Pssc, Psst: Black River Dolomite).*

Interbedded, dominantly monomict siliceous pebble–cobble to rarely boulder conglomerate (commonly occuring at base of formation; with clasts dominantly of laminated to massive quartzite), lithic arenite, and thick–bedded white saccharoidal quartzarenite with cross–bedding at some localities (Psc) (small outcrop near CQ404420) (Correlate of the Forest Conglomerate and Quartzite).

TOGARI GROUP

Erosional and transgressive surface; low angle unconformity at some localities.

MESO-PROTEROZOIC

Prc, Prcq, Prcs — *Interbedded, black, dark grey and green, commonly pyritic, laminated siltstone and mudstone, with rare sandstone and mud pellet conglomerate (Prc). Mappable unit of dominantly very fine–grained quartz siltstone in Boundary Creek area indicated (Prcq). Silicified equivalent of unit Prc in Joy Creek – Lamprey Creek area indicated (Prcs) (Prc, Prcq, Prcs: Cowrie Siltstone).*

ROCKY CAPE GROUP

IGNEOUS ROCKS

CENOZOIC — PALEOGENE–NEOGENE

Tb — *Basalt (Tb). Olivine nephelinite (Tbn) indicated.*

NEOPROTEROZOIC

Pmd — *Dolerite dykes (Pmd). Foliated variety (Pmf) indicated.*

Pmq — *Dolerite dykes, massive relatively felsic variety with ~ 58 wt.% SiO_2 (Pmq).*

Pml — *Dolerite dykes, massive variety with relatively low (12 wt.%) alumina (Pml).*

Geological boundary – position approximate.

Geological boundary – inferred.

Fault – position approximate, downthrown side indicated where known.

Fault – position accurate or approximate.

Fault – inferred.

(white line) Limit of mapping of sub–unit within undifferentiated rock unit.

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; symetrical. 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 viewed down plunge – dextral; sinistral.

Strike of vertical kink band – sinistral.

Strike and dip of outcrop–scale fault, type unspecified – dipping; vertical; thrust – dipping.

Notable small outcrop with rock unit indicated.

Notable small float or log accurence, with rock unit indicated.

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.

Geology by D.B. Seymour, B.Sc.(Hons), Ph.D. and J.L. Everard, B.Sc. (Hons). 1998 from the following sources (see responsibility diagram):

A EVERARD, J.L., SEYMOUR, D.B.and BROWN, A.V. 1996: Geological Atlas 1:50 000 Series. Sheet 27 (7915N), Trowutta. Mineral Resources Tasmania.

RESPONSIBILITY DIAGRAM

A

REFERENCE THIS MAP AS:

SEYMOUR, D.B. and EVERARD, J.L. (compilers) 1998. Digital Geological Atlas 1:25 000 Scale Series. Sheet 3444. Holder. 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.

GDA

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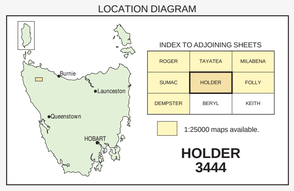
LOCATION DIAGRAM



INDEX TO ADJOINING SHEETS

ROGER	TAYATEA	MILABENA
SUMAC	HOLDER	FOLLY
DEMPSTER	BERYL	KEITH

1:25000 maps available.

HOLDER
3444

Plotfile for this map generated from digital data as at: 20-APR-2011

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