MINERAL RESOURCES TASMANIA
DIGITAL GEOLOGICAL ATLAS 1:25 000 SERIES
INTERVIEW, SHEET 3239

INTERVIEW

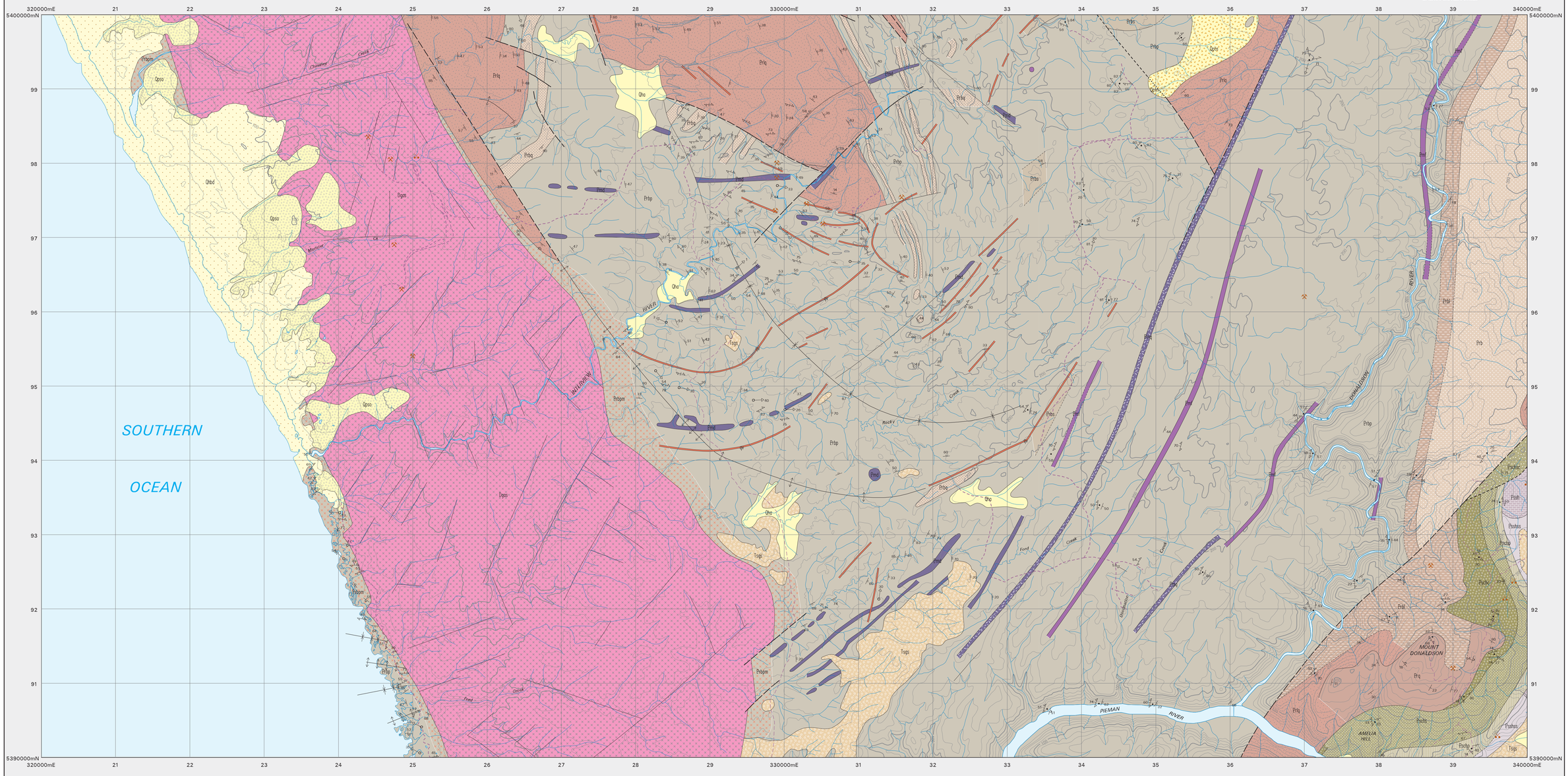
Scale: 1:25 000

0 500 1000 1500 2000 2500m

MINERAL RESOURCES TASMANIA

Tasmania

DEPARTMENT of INFRASTRUCTURE ENERGY and RESOURCES



QUATERNARY

HOLOCENE

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

Qhbd — *Younger active dune, beach sand and sand beach gravel (Qhbd).*

PLEISTOCENE

Qpso — *Older aeolian sand and sand dunes (Qpso).*

Qptn — *Talus derived from Neoproterozoic quartzite (Qptn).*

TERTIARY

Tsgs — *Interbedded siliceous gravel, quartz sand and clay (Tsgs).*

PROTEROZOIC

NEOPROTEROZOIC

Psh — *Pale grey and cream, fine-grained dolomite, locally oolitic, with stromatolites, or interbedded with richly carbonaceous siltstone (Psh).*

Pshhs — *Mainly lag of silicification products of dolomite (Psh), including silica flour, commonly obscured by Tertiary derived slope wash deposits (Pshhs).*

SAVAGE DOLOMITE — AIRBERS GROUP

Conformable boundary.

PROTEROZOIC

NEOPROTEROZOIC — DONALDSON FORMATION, AIRBERS GROUP

Pscho — *Grey slaty pelitic siltstone with minor banded chert and thin interlayers of silicified oolitic carbonate (Pscho).*

Pschs — *Micaceous quartzwacke in graded beds with interlayered slaty, locally pelitic siltstone and mudstone (Pschs).*

Pschc — *Poorly sorted conglomerate, with well sorted conglomerate and sandstone near base (Pschc).*

Inferred angular unconformity.

?EARLY NEOPROTEROZOIC — ROCKY CAPE GROUP

Prbpm — *Slaty to relatively massive grey–green to grey chloritic planar bedded siltstone interbedded with thin, commonly lenticular, graded beds of siltstone with sandstone on scoured bases (Prbp), locally thermally metamorphosed to spotted and banded hornfels (Prbpm).*

Prbl — *Siliceous (pale grey) to ?carbonaceous (dark grey) siltstone, commonly with small scale trough cross lamination (Prbl).*

Prbs — *Laminated to thinly bedded chloritic to siliceous siltstone and fine sandstone, containing variable disseminated chlorite (Prbs).*

Prbq — *Interbedded packages of quartzose sandstone to siliceous siltstone with laminated carbonaceous shale (Prbq).*

Prq — *Common to dominant micaceous quartz sandstone and cross–bedded othoquartzite with siltstone (Prq). Pale weathering, variably silicified quartz arenite, well bedded with cross lamination and ripple bedforms, and with minor horizons of laminated siltstone (Prq).*

INTRUSIVE ROCKS

PALAEOZOIC — DEVONIAN

qv — *Quartz vein (qv).*

Dgas — *Undifferentiated alkali–feldspar granite/granite/adamellite (S type) (Dgas).*

PROTEROZOIC — NEOPROTEROZOIC

Pmd — *Dolerite dykes (Pmd).*

Pmf — *Foliated dolerite (Pmf).*

Pmq — *Quartz bearing dolerite (Pmq).*

Geological boundary – position approximate

Geological boundary – position inferred.

Geological boundary – position concealed.

Fault – position approximate

Fault – position inferred.

Fault – position concealed.

Lineament visible on aerial photographs.

Lineament visible in airborne magnetic data.

Axial surface trace of major antiform.

Axial surface trace of major synform.

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

Strike and dip of bedding, right way up.

Strike and dip of bedding, facing unknown – dipping; vertical.

Strike and dip of bedding, overturned.

Strike and dip of crenulation cleavage.

Strike and dip of cleavage, relative local age S1 – dipping; vertical.

Strike and dip of kink band, movement sense unspecified.

Trend and plunge of bedding/primary cleavage intersection lineation (L1).

Trend and plunge of minor fold hinge line, relative local age F1; with dip and dip direction of axial surface.

Field station for adjacent readings on the map.

Mineral deposit location – hardrock } *Data derived from Mineral Resources Tasmania DEPOSITS data base. Data point position has not been verified in every case.*

Mineral deposit location – alluvial

Construction materials location – Data derived from Mineral Resources Tasmania DEPOSITS data base. Data point position has not been verified in every case.

While every care has been taken in the preparation of this data, no warranty is given as to the correctness of the information and no liability is accepted for any statement or opinion or for any error or omission. No reader should act or fail to act on the basis of any material contained herein. Readers should consult professional advisers. As a result the Crown in Right of the State of Tasmania and its employees, contractors and agents expressly disclaim all and any liability (including all liability from or attributable to any negligent or wrongful act or omission) to any persons whatsoever in respect of anything done or omitted to be done by any such person in reliance whether in whole or in part upon any of the material in this data. Crown copyright reserved.

Compiled by M.J. Vicary, 2004 as part of the Western Tasmanian Regional Minerals Program, from the following sources (See Responsibility Diagram):

A GEE, R.D., GULLINE, A.B., BRAVO, A.P., LEGGE, P.J. and GROVES, D.I. 1969 Geological atlas 1 mile series (Zone 7 Sheet No. 42 7814N). - Pieman Heads. Geological Survey of Tasmania.

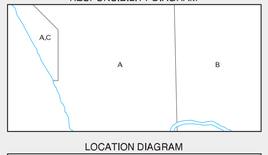
B TURNER, N.J., BROWN, A.V., MCCLENAGHAN, M.P. and SOETRISNO, I. 1991 Geological atlas 1:50000 series (Sheet 7914N) - Corinna. Geological Survey of Tasmania.

C Air photograph and WTRMP geophysical data interpretation by M Vicary.

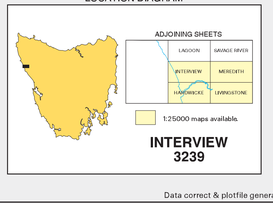
Digital base information from Information and Land Services Division, Department of Primary Industries, Water and Environment.

Map produced by the Data Management Branch of Mineral Resources Tasmania using G.I.S. software. AGD66 - AMG Zone 55. Contour Interval: 20 metres.

RESPONSIBILITY DIAGRAM



LOCATION DIAGRAM



Data correct & plotfile generated: 27-APR-2005

WARNING: INKS ARE LIGHT SENSITIVE