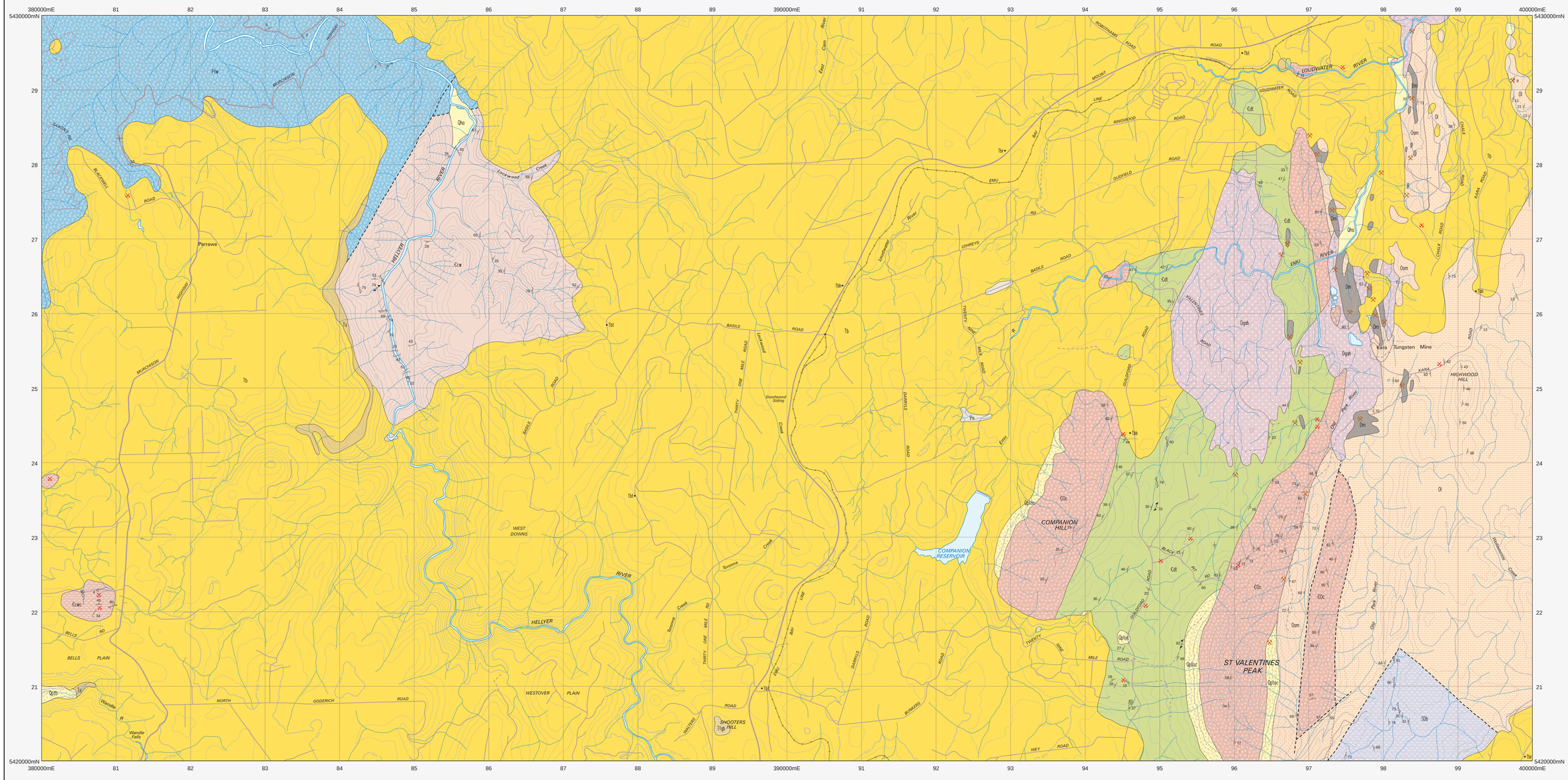
Department of Infrastructure Energy and Resources
MINERAL RESOURCES TASMANIA

DIGITAL GEOLOGICAL ATLAS 1:25 000 SCALE SERIES
PARRAWE, SHEET 3842

PARRAWE

Scale: 1:25 000

0 500 1000 1500 2000 2500m



CENOZOIC

QUATERNARY

Symbol	Description
Qha	*Alluvium, swamp and marsh deposits (Qha).*
Qptb	*Scree and talus derived from basalt (Qptb). Scree and talus derived from siliciclastic rocks (Qptoc).*

Erosional surface.

PALEOGENE–NEOGENE

Symbol	Description
Ts, Tb	*Sand and gravel deposits, some leaf-bearing (Ts). Basalt (Tb), Olivine tholeiite (Tbt) and transitional olivine basalt (Tbr), hawaiite (Tbh) and basonite (Tbb) indicated.*
Ts, Tfgb	*Grey-billy and silcrete (Tfgb).*

Low angle unconformity.

PALEOZOIC

CARBONIFEROUS — PENNSYLVANIAN — LOWER PARMENIER SUPERGROUP

Symbol	Description
Pte	*Tillite, rhythmite claystone, conglomerate and lithic sandstone with dropstones (Wynyard Tillite) (Pte).*

Angular unconformity.

DEVONIAN — LOWER DEVONIAN — ELDON GROUP

Symbol	Description
SDb	*Fossiliferous sandstone and mudstone (correlate of Bell Shale) (SDb).*

ORDOVICIAN — LOWER ORDOVICIAN — GORDON GROUP

Symbol	Description
Ol	*Fossiliferous limestone and impure limestone (Ol).*
Osm	*Bioturbated sandstone and minor conglomerate (correlate of of Moina Sandstone) (Osm).*

CAMBRIAN — FURONGIAN — OWEN GROUP

Symbol	Description
COc	*Dominantly siliciclastic conglomerate. Chert rich in many areas (COc).*

VALPARAHA SUPERGROUP

MESOPROTEROZOIC–NEOPROTEROZOIC

PALEOZOIC — CAMBRIAN — CAMBRIAN SERIES 3 — TYNDALL GROUP — MOUNT READ VOLCANICS

Symbol	Description
Cdt	*Mixed sequence of sedimentary and extrusive, felsic to intermediate, volcanic rocks with late Cambrian Series 3 fossils at 394612mE, 5420783mN (Cdt).*

CAMBRIAN SERIES 2 — LUNA GROUP — ALLOCHTHONOUS SEQUENCES

Symbol	Description
Ccw	*Lithicwacke, mudstone, chert and basalt sequence (Ccw).*
Ccwc	*Predominantly chert (Ccwc).*

BURNIE & DOWNPATRICK FORMATIONS

Symbol	Description
Po	*Interbedded quartzose lithicwacke and phyllite (Po).*

INTRUSIVE ROCKS

PALEOZOIC — DEVONIAN

Symbol	Description
Dgoh	*Dominantly medium- to coarse-grained equigranular biotite +/- hornblende alkali granite/syenogranite/monzogranite, with minor porphyritic and finer-grained variants (Housetop Granite, I-type).*

ALTERATION

PALEOZOIC — DEVONIAN

Symbol	Description
Dm	*Magnetic skarn (Dm).*

Geological boundary – position approximate.
Geological boundary – inferred.
Fault – position inferred.

Strike and dip of bedding, facing known – dipping, horizontal.
Strike and dip of bedding, facing unknown – dipping, vertical.
Strike and dip of cleavage of unspecified type and relative age.
Strike and dip of cleavage of unspecified type, relative local age S1; S2; S3.
Strike and dip of vertical cleavage of unspecified type, relative local age S3.
Trend and plunge of hinge line of minor fold, relative local age F1; F3.
Generalised palaeocurrent direction, showing sense of movement.
Fossil location.
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.

Compiled by J.L Everard, B.Sc.(Hons), 2001 from the following sources (see Responsibility Diagram):

A BAILLIE, P.W; WILLIAMS, P.R; SEYMOUR, D.B; LENNOX, P.G. & GREEN, G.R. 1986. Geological Atlas 1:50 000 Series. Sheet 36 (8015N), St Valentines. Tasmania Department of Mines.

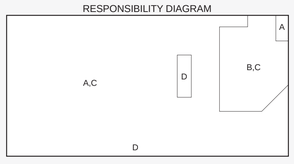
B TAHERI, J. & GREEN, G.R. 1989. Mt Read Volcanics Project, Metallic Minerals Deposits Map Series. Loongana. Tasmania Department of Mines.

Updated by:

C K.D. Corbett, 2004 as part of the Western Tasmanian Regional Minerals Program, with additional information from:

D POLTOCK, R. 2002. Ground truthing aeromagnetic and radiometric features, Sheets 4 and 5, Northern Tasmania. Mineral Resources Tasmania.

RESPONSIBILITY DIAGRAM



REFERENCE THIS MAP AS:

EVERARD, J.L. (compiler) 2004. Digital Geological Atlas 1:25 000 Scale Series. Sheet 3842. Parrawe. Mineral Resources Tasmania.

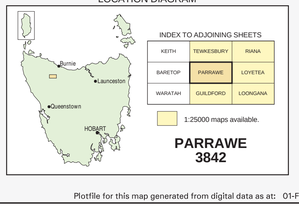
Base data from the LIST, Copyright State of Tasmania.

Map produced by the Geoscience Information Branch of Mineral Resources Tasmania using G.I.S. software.

GDA94 – MGA Zone 55. Contour Interval: 20 metres.

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.

LOCATION DIAGRAM



INDEX TO ADJOINING SHEETS

KEITH	TEWKESBURY	RIANA
BARETOP	PARRAWE	LOYETEA
WARATAH	GUILDFORD	LOONGANA

1:25000 maps available.

PARRAWE
3842

Plotfile for this map generated from digital data as at: 01-FEB-2012

WARNING: INKS ARE LIGHT SENSITIVE