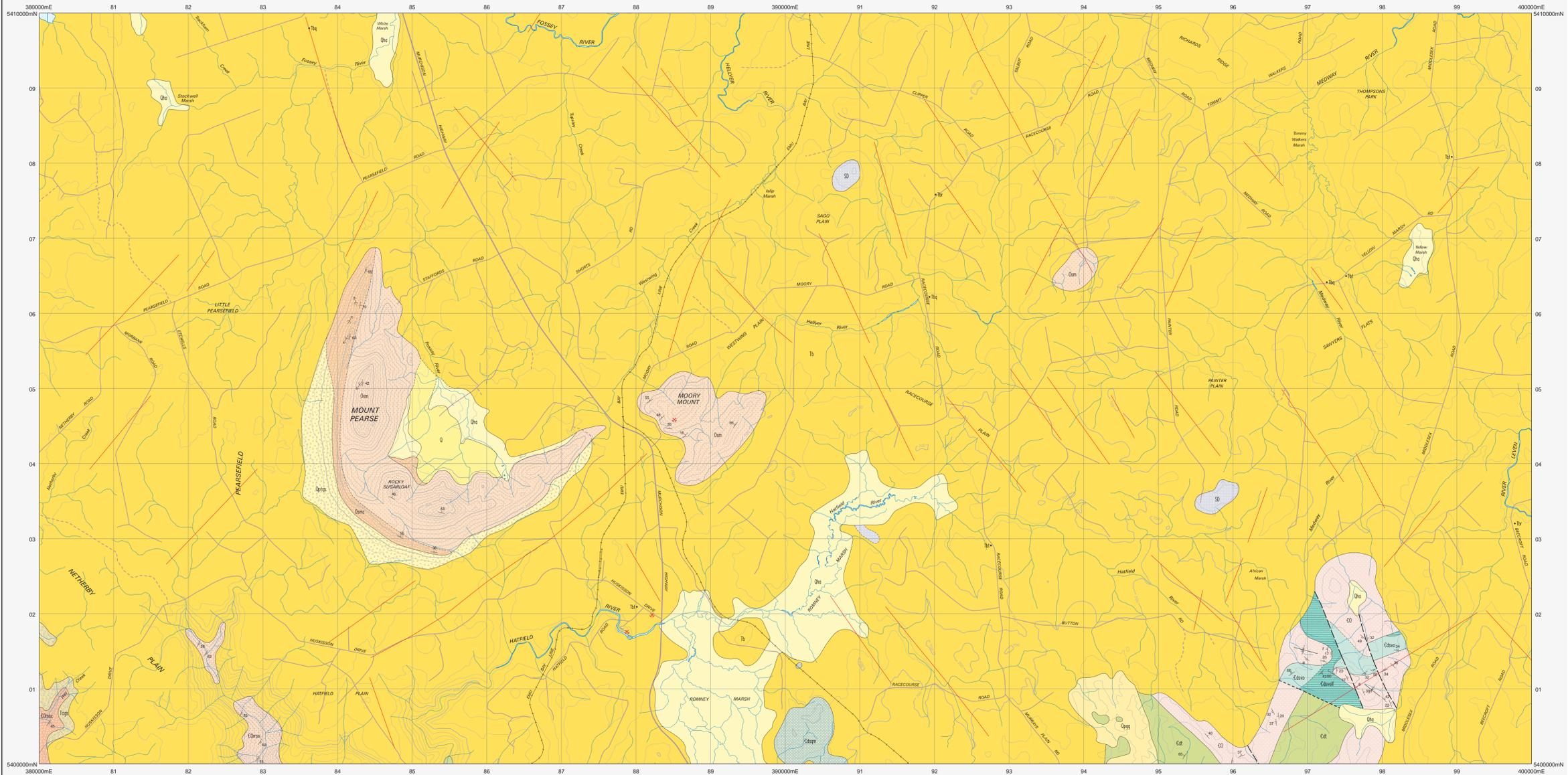


# PEARSE

Scale: 1:25 000



CENOZOIC	
QUATERNARY	<p>Qha Stream alluvium and swamp deposits (Qha).</p> <p>Q Coarse gravelly deposits of mainly fluvio-glacial and/or glacial origin (Qgg).</p> <p>Qdps Talus derived from Denison Group sandstone (Qdps).</p>
PALEOGENE - EARLY CENOZOIC	<p>Tb Basalt (Tb). Transitional olivine basalt (Tb), olivine tholeiite (Tb), quartz tholeiite (Tb) indicated.</p> <p>Tcp Siliceous conglomerate, grit, occasional fossiliferous sandstone and clay (Tcp).</p>
SILURIAN - DEVONIAN	<p>SD Shallow marine quartz sandstone, siltstone and shale (SD).</p>
ORDOVICIAN	<p>Osm Grey to pink sandstone and minor conglomerate, bioturbated in places (correlate of Maina Sandstone) (Osm).</p> <p>Osmc Siliceous pebble conglomerate (Osmc).</p> <p>CO Marine sandstone-mudstone sequence (COms).</p> <p>COmc Marine conglomerate-rich sequence with some sandstone and mudstone (COmc).</p>
CAMBRIAN SERIES	<p>Cdt Dominantly felsic volcanoclastic rocks (Cdt).</p> <p>Cdsv Interbedded volcanoclastic sandstone and breccia, including cross-bedded siltstone, clay siltstone, typically purple dust bearing, patchy green-grey-pink colour (Cdsv).</p> <p>Cdsvf Felsic lava, typically quartz-feldspar-phyric (Cdsvf).</p> <p>Cdsg Well-bedded grey-to white-weathering micaceous quartzwacke, with interbedded siltstone, black shale and minor volcanoclastic units (Cdsg).</p>

ANIMALIA, SCOTIHWELL GREENSLAND SUBGROUP  
MFC CHARTER GROUP  
TINDAL GROUP  
IF FIELD VOLCANICS  
OWEN GROUP  
WARRAWAN SUPERGROUP  
ELDON GROUP

- Geological boundary - position approximate.
- - - Geological boundary - inferred.
- - - Fault - position approximate.
- - - Fault - inferred.
- Axiol surface trace of major fold, synform.
- Aeromagnetic isowepth.

- ↘ Strike and dip of bedding - right way up; facing unknown.
- ↗ Strike and dip of cleavage of unspecified type and relative age.
- ↖ Strike and dip of igneous banding or platy alignment.
- ↗ Generalised paleocurrent direction, showing sense of movement.
- ✕ Mineral deposit location - hardrock
- ✕ Mineral deposit location - alluvial/alluvial
- ✕ Construction material/industrial mineral/gemstone location

Data derived from Mineral Resources Tasmania DEPOSIT database. Data point position has not been verified in every case.

Compiled by J. Everard 2001 from the following sources (see responsibility diagram)

A BALLIE, P.W., WILLIAMS, P.R., SEYMOUR, D.B., LENNOX, P.G. & GREEN, G.R. 1988. Geological Atlas 1:50 000 Series, Sheet 36 (8015N), St Valentines, Tasmania Department of Mines.

B BARTON, C.M., BURNS, K.L., GEE, R.D., GROVES, D.L., GULLINE, A.B., JENNINGS, D.J., LONGMAN, M.J., MARSHALL, B., MATTHEWS, W.L., MOORE, W.L., NICH, I.H., THREASER, V.M. & URQUHART, C. 1990. Geological Atlas 1:50 000 Series, Sheet 44 (8014N), Macleayton, Tasmania Department of Mines.

C VICARY, M.J. & PEMBERTON, J. 1988. Mt Road Volcanics Project Map 7. Geology of the Mt Road Volcanics, Clacka Mountain Link Road Area, Tasmania Department of Mines.

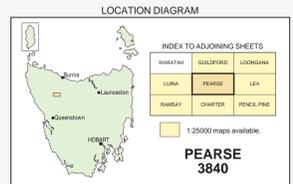
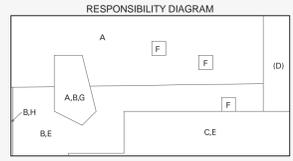
D PEMBERTON, J. & VICARY, M.J. 1988. Mt Road Volcanics Project Map 8. Geology of the Mt Road Volcanics, Mt Road Area, Tasmania Department of Mines.

E Revised and updated by K.D. Corbett, 2004 as part of the Western Tasmanian Regional Minerals Program with additional information from:

F Petrus, N. 2000. Ground truthing aeromagnetic and radiometric features, sheets 4 and 5, Northern Tasmania, Mineral Resources Tasmania.

G Aipho interpretation, M.Vicary, 2004.

H Updated by M. Vicary, 2004 as part of the Western Tasmanian Regional Minerals Program.



**REFERENCE THIS MAP AS:**  
EVERARD, J.L. (compiler) 2001. Digital Geological Atlas 1:25 000 Scale Series, Sheet 3840, Pearse, Mineral Resources Tasmania.

Base data from the LST, Copyright State of Tasmania.  
Map produced by the Geoscience Information Branch of Mineral Resources Tasmania using G.I.S. software.  
GDA84 - MGA Zone 55. Contour Interval: 20 metres.

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