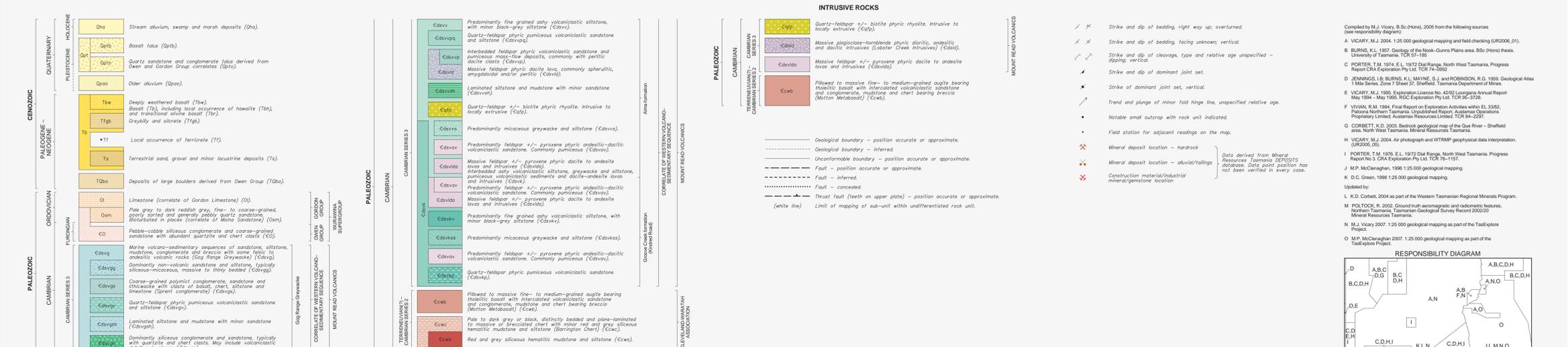
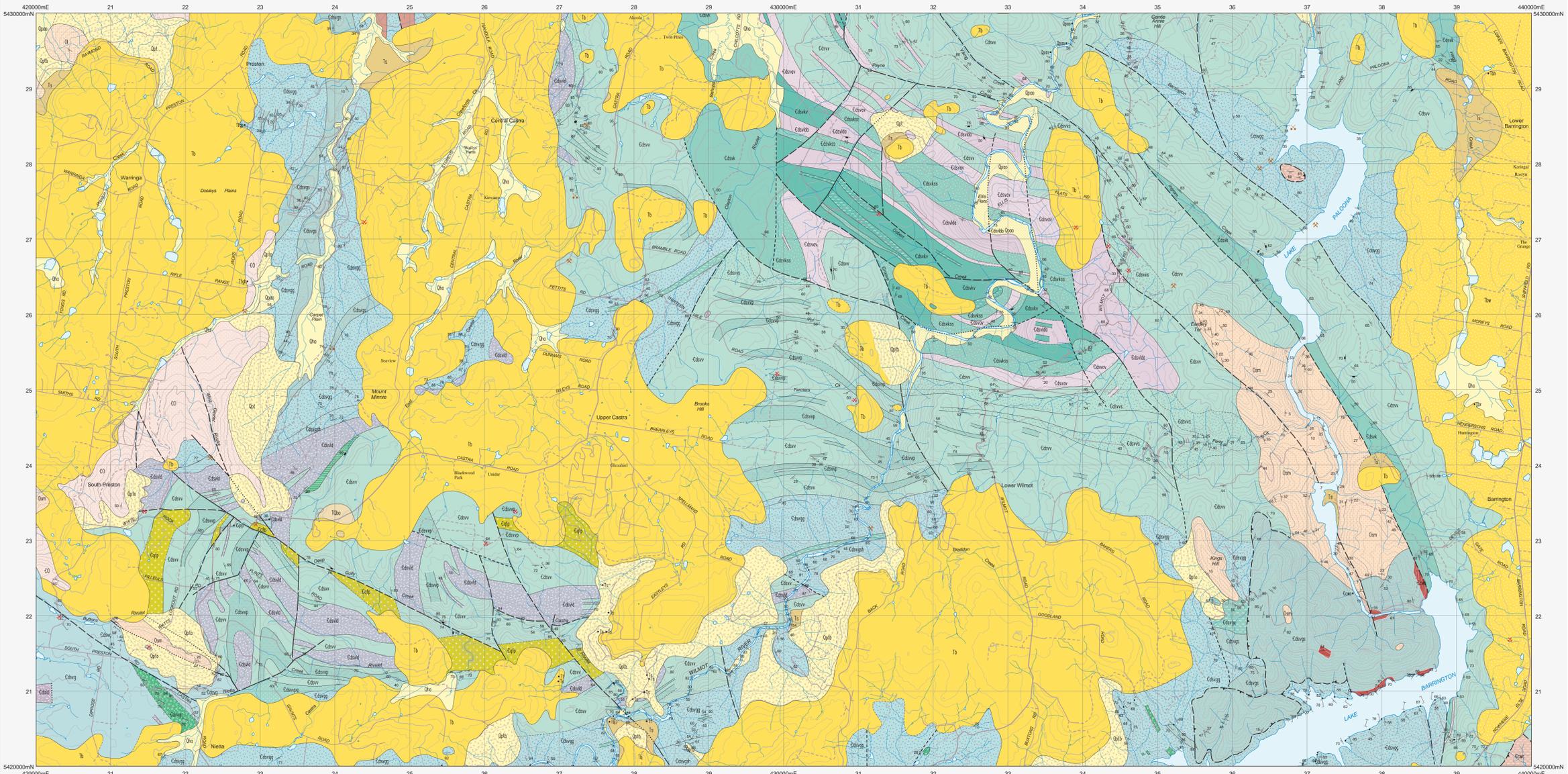


CASTRA

Scale: 1:25 000



INTRUSIVE ROCKS

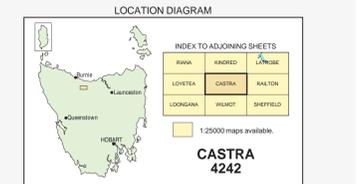
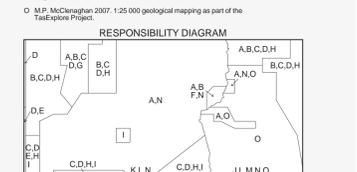
Cdsvp	Quartz-feldspar +/- biotite phytic rhyolite intrusive to locally extrusive (Cdsvp).
Cdsvd	Massive plagioclase-hornblende phytic dioritic, andesitic and dacitic intrusives (Lobster Creek intrusives) (Cdsvd).
Cdsvda	Massive feldspar +/- pyroxene phytic dacite to andesite lavas and intrusives (Cdsvda).
Ccwb	Pillowed to massive fine- to medium-grained augite bearing tholeiitic basalt with intercalated volcaniclastic sandstone and conglomerate, mudstone and chert bearing breccia (Mellon Metabasalt) (Ccwb).

- Geological boundary - position accurate or approximate.
- Geological boundary - inferred.
- Unconformable boundary - position accurate or approximate.
- Fault - position accurate or approximate.
- Fault - inferred.
- Fault - concealed.
- Thrust fault (teeth on upper plate) - position accurate or approximate.
- Limit of mapping of sub-unit within undifferentiated rock unit.

- Strike and dip of bedding, right way up, overturned.
- Strike and dip of bedding, facing unknown; vertical.
- Strike and dip of cleavage, type and relative age unspecified - dipping, vertical.
- Strike and dip of dominant joint set.
- Strike of dominant joint set, vertical.
- Trend and plunge of minor fold hinge line, unspecified relative age.
- Notable small outcrop with rock unit indicated.
- Field station for adjacent readings on the map.
- Mineral deposit location - hardrock.
- Mineral deposit location - alluvial/tailing.
- Construction material/Industrial mineral/gemstone location.

Compiled by M.J. Vicary, B.Sc.(Hons), 2008 from the following sources (see responsibility diagram):

A VICARY, M.J. 2004. 1:25 000 geological mapping and field checking (UR2006_01).
 B BURNS, K.L. 1967. Geology of the Noak-Linnis Plains area. BSc (Hons) thesis, University of Tasmania. TCR 52-189.
 C PORTER, T.M. 1974. E.L. 1972 Dal Range, North West Tasmania. Progress Report CRA Exploration Pty Ltd. TCR 74-0692.
 D JENNINGS, I.B., BURNS, K.L., MAYNE, S.J. and ROBINSON, R.G. 1989. Geological Atlas 1:100 000 Series, Zone 1. Shear 57, Sheffield, Tasmania. Department of Mines.
 E VICARY, M.J. 1995. Exploration License No. 4292 Loongana Annual Report May 1994 - May 1995. RICE Exploration Pty Ltd. TCR 95-3723.
 F VIVIAN, R.M. 1984. Final Report on Exploration Activities within EL 3382, Palona North West Tasmania. Unpublished Report, Sustainable Operations Properties Limited, Australia. Resources Limited. TCR 84-2207.
 G CORBETT, K.D. 2003. Bedrock geological map of the Qua River - Sheffield area, North West Tasmania. Mineral Resources Tasmania.
 H VICARY, M.J. 2004. Air photograph and WTMRF geological data interpretation. (UR2005_05).
 I PORTER, T.M. 1976. E.L. 1972 Dal Range, North West Tasmania. Progress Report No. 3. CRA Exploration Pty Ltd. TCR 76-1157.
 J M.P. McInerghan, 1996. 1:25 000 geological mapping.
 K D.C. Green, 1996. 1:25 000 geological mapping.
 Updated by:
 L K.D. Corbett, 2004 as part of the Western Tasmanian Regional Minerals Program.
 M POLLOCK, B. 2002. Ground truth aeromagnetic and radiometric features, North West Tasmania. Tasmania Geological Survey Record 200201. Tasmania Resources Tasmania.
 N M.J. Vicary 2007. 1:25 000 geological mapping as part of the TasExplore Project.
 O M.P. McInerghan 2007. 1:25 000 geological mapping as part of the TasExplore Project.



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 Map produced by the Geoscience Information Branch of Mineral Resources Tasmania using G.I.S. software.
 GDAS4 - MGA Zone 55. Contour Interval: 20 metres.

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