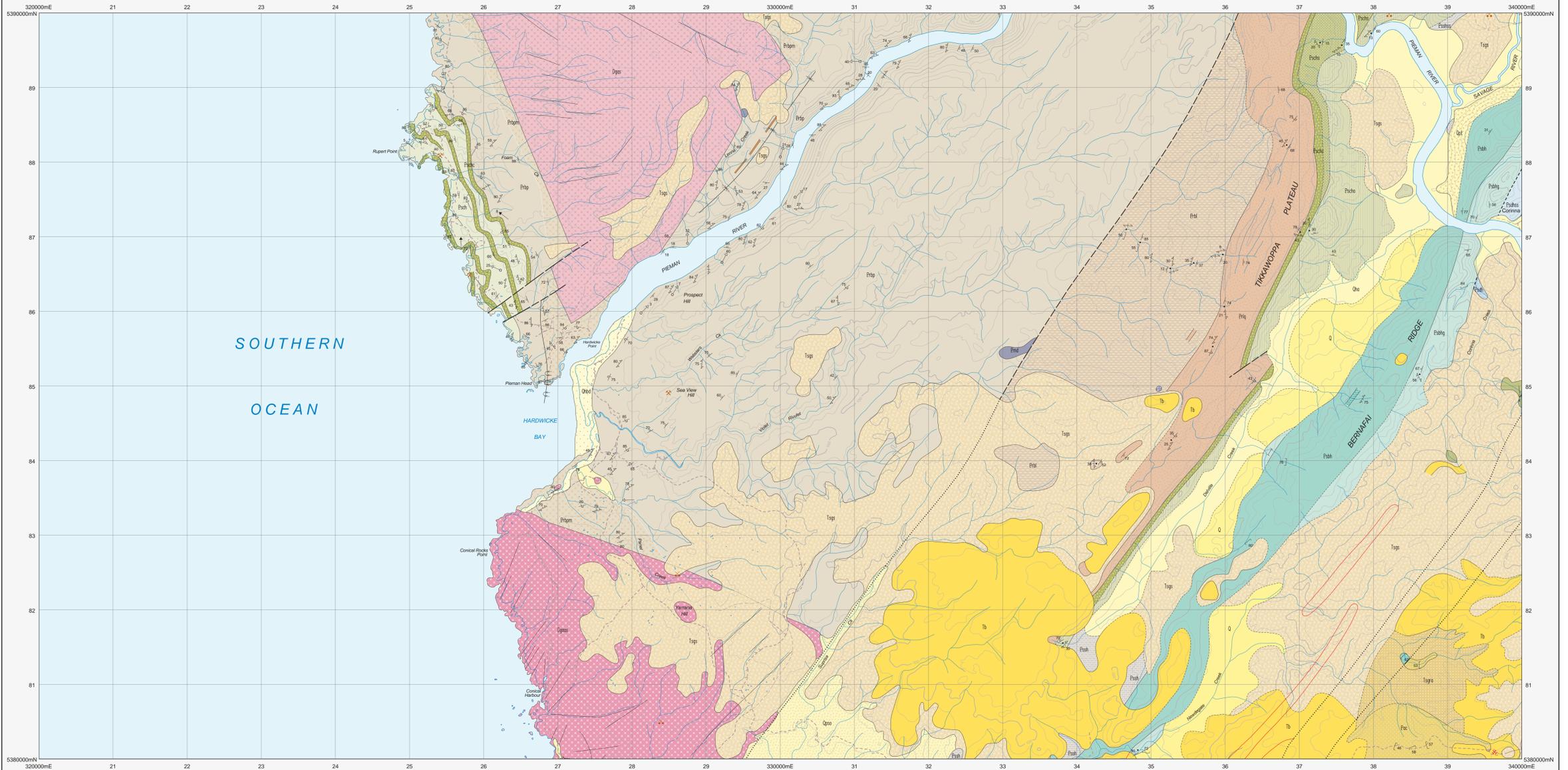


HARDWICKE

Scale: 1:25 000



| CENOZOIC | |
|----------------|--|
| QUATERNARY | HOLOCENE |
| Qha | Stream alluvium, swamp and marsh deposits (Qha). |
| Qhba | Younger active dunes, beach sand and beach gravel (Qhba). |
| Q | |
| Qpno | Older aeolian sand and sand dunes (Qpno). |
| Qpt | Undifferentiated Pleistocene talus and scree deposits (Qpt). |
| TERTIARY | |
| Tags | Interbedded siliceous gravel, quartz sand and clay (Tags). |
| Tb | Basalt (Tb). |
| Tagr | Minor gravel with log of gravel and bedrock derived vein quartz (Tagr). |
| PROTEROZOIC | |
| NEOPROTEROZOIC | |
| Foc | Interbedded green to grey phyllite and fine-grained schist, usually comprising muscovite and quartz, with trace to dominant chlorite, albite and dolomite, containing scattered thin layers of calcitic amphibole (Foc). |
| Fsch | Grey slaty pelitic siltstone with minor banded chert and thin interlayers of silicified calcitic carbonate (Fsch). |
| Fsch | Conformable to faulted contact. |
| Fsch | Pale grey and cream, fine-grained dolomite (Fsch). |
| Fschs | Mainly log of silicification products of dolomite (Fschs) including silica flour, commonly obscured by Tertiary derived slope wash deposits (Fschs). |

| PROTEROZOIC | |
|-------------------------------|---|
| NEOPROTEROZOIC | |
| Fshb | Interbedded metamorphosed basalt, basaltic tuff, slaty to phyllitic siltstone, quartzite and minor dolomite (Fshb). |
| Fshp | Interbedded slaty or phyllitic to relatively massive, green to grey, lufuaceous and pelitic, chlorite metasilstone with minor fine-grained foliated metamorphosed basalt and basaltic wacke (Fshp). |
| Fshq | Dominantly grey lufuaceous and pelitic metasilstone (Fshq). |
| Fsch | Dolomite (Fsch). |
| CONFORMABLE BOUNDARY | |
| Fsch | Pale grey and cream, fine-grained dolomite, locally calcitic, with stromatolites, or interbedded with richly carbonaceous siltstone (Fsch). |
| Fschs | Mainly log of silicification products of dolomite (Fschs), including silica flour, commonly obscured by Tertiary derived slope wash deposits (Fschs). |
| CONFORMABLE BOUNDARY | |
| Fsch | Grey slaty pelitic siltstone with minor banded chert and thin interlayers of silicified calcitic carbonate (Fsch). |
| Fsch | Micaceous quartzwacke in graded beds with interlayered slaty, locally pelitic siltstone and muscovite (Fsch). |
| Fsch | Poorly sorted conglomerate, with well sorted conglomerate and sandstone near base (Fsch). |
| INFERRED ANGULAR UNCONFORMITY | |
| Fsch | Slaty to relatively massive grey-green to grey chloritic planar bedded siltstone interbedded with thin, commonly micaceous, graded beds of siltstone with sandstone on scoured bases (Fsch). |
| Fsch | Siltstone (pale grey) to carbonaceous (dark grey) siltstone, commonly with small scale trough cross lamination (Fsch). |
| Fsch | Common to dominant micaceous quartz sandstone and cross-bedded orthoquartzite with siltstone (Fsch). |

| INTRUSIVE ROCKS | |
|-----------------------|---|
| qv | Quartz vein (qv). |
| Dgpa | Undifferentiated alkali-felspar granite/granite/adamellite (S type) (Dgpa). |
| Dgpa | Dominantly adamellite/granite (S Type) (Dgpa). |
| Dgpa | Dolomite dykes (Dgpa). |
| Dgpa | Quartz bearing dolomite (Dgpa). |
| PROTEROZOIC PALEOZOIC | |
| NEOPROTEROZOIC | |
| DEVIANIAN | |
| Fsch | Geological boundary - position approximate |
| Fsch | Geological boundary - position inferred |
| Fsch | Geological boundary - position concealed |
| Fsch | Fault - position approximate |
| Fsch | Fault - position inferred |
| Fsch | Fault - position concealed |
| Fsch | Lineament visible on aerial photographs |
| Fsch | Lineament visible in airborne magnetic data |
| Fsch | Axial surface trace of major overthrust system |
| Fsch | Limit of mapping of sub-unit within undifferentiated rock units |

| | |
|-----|---|
| ↘ | Dip of geological contact of unspecified type. |
| ↗ | Strike and dip of bedding, right way up. |
| ↖ | Strike and dip of bedding, facing unknown. |
| ↙ | Strike and dip of bedding, overturned. |
| ↗ ↘ | Strike and dip of cleavage, type and relative age unspecified - dipping; vertical. |
| ↗ ↘ | Strike and dip of crenulation cleavage - dipping; vertical. |
| ↗ ↘ | Strike and dip of cleavage, relative local age S1 - dipping; vertical. |
| ↗ ↘ | Trend and plunge of minor fold hinge line, unspecified relative age, with dip and dip direction of axial surface. |
| ↗ ↘ | Trend and plunge of minor fold hinge line, relative local age F1, F2. |
| ↗ ↘ | Trend and plunge of bedding/primary cleavage intersection lineation (L1). |
| • | Field station for adjacent readings on the map. |
| ⊗ | Mineral deposit location - hardrock |
| ⊗ | Mineral deposit location - alluvial |
| ⊗ | Construction materials location - |

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., LEGGIE, P.J. and GROVES, D.I. 1968 Geographical Atlas 1 mile series, Zone 7 Sheet 42 (794-N) Pieman Heals, Tasmania Department of Mines.

B TURNER, N.J., BROWN, A.V., MCCLELAGHAN, M.P. and SOETRISNO, I. 1991 Geographical Atlas 1:50000 series, Sheet 43 (794-N) Coenra, Tasmania Department of Mines.

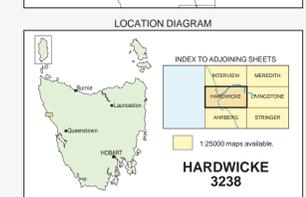
C Air photograph and WTRMP geophysical data interpretation by M Vicary.

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GDAS4 - MGA Zone 55. Contour Interval: 20 metres.



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