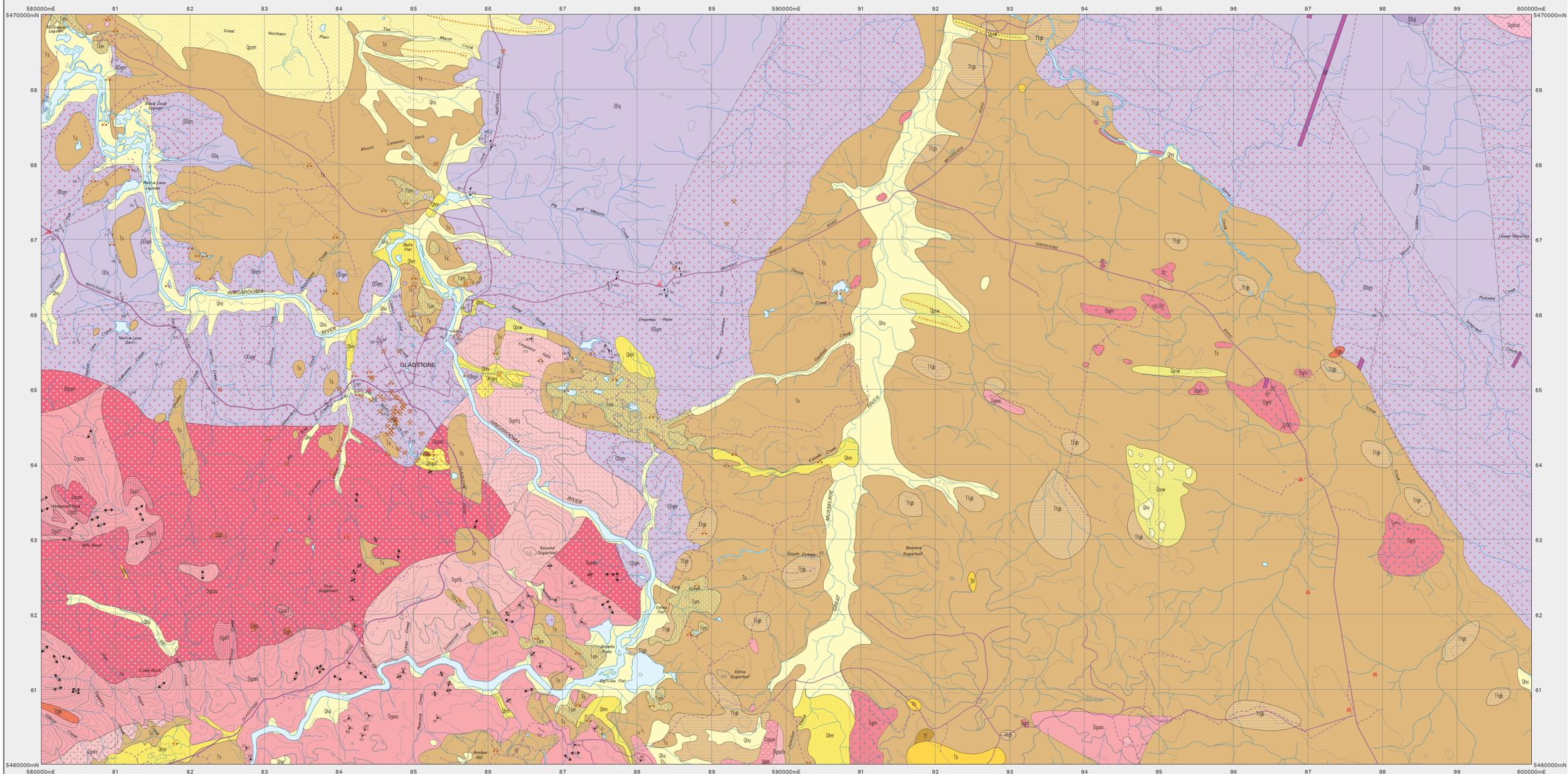


GLADSTONE

Scale: 1:25 000



| PERIOD | UNIT | DESCRIPTION |
|-------------------------|------|--|
| QUATERNARY | Qm | Mine tailings and man disturbed ground (Qm). |
| | Qo | Stream alluvium, swamp and marsh deposits (Qo). |
| | Qhpa | Man disturbed granitoid (Qhpa) derived from Dgfa. |
| | Qhps | Man disturbed granitoid (Qhps) derived from Dgpa. |
| TERTIARY | Qpaw | Older aeolian dune sand (Qpaw). |
| | Qpam | Marine terrace deposits of gravel, sand, clay, shells and organic material (Qpam). |
| | Tm | Gravel, sand, silt and mud disturbed by mining (Tm). |
| DEVONIAN-ORDOVICIAN (?) | Tb | Basalt (Tb). |
| | Tfg | Grey-billy and silcrete (Tfg). |
| | Tf | Ferriolite (Tf). |
| | Qoq | Quartzite turbidite sequence of interbedded sandstone siltstone and mudstone with saprostone dominant (Qoq) contact metamorphosed (Qoqm) with significant lithicaceous (Qoqa). |

| PERIOD | UNIT | DESCRIPTION |
|--------------|--|--|
| TERTIARY | Tb | Basalt (Tb). |
| | Qd | Dolerite dykes (Qd). |
| DEVONIAN (?) | Dg | Apite (Dg), Greisen (Dg). Fine grained equigranular biotite-muscovite adamellite (Dg). |
| | Dgfa | Equigranular, medium-grained biotite-muscovite granite (Dgfa). |
| DEVONIAN | Dgpa | Porphyritic, fine- to coarse-grained, garnet bearing, biotite-muscovite granite/adamellite (Dgpa). |
| | Dgfb | Equigranular, fine to coarse grained biotite-muscovite alkali feldspar granite/adamellite (Dgfb). |
| | Dgfc | Equigranular, medium-grained, biotite-muscovite granite (Dgfc). |
| | Dgfd | Porphyritic, fine- to medium-grained biotite-muscovite granite/adamellite with sparse feldspar phenocrysts (Dgfd). |
| Dgpe | Equigranular fine-grained biotite-muscovite granite/adamellite (Dgpe). | |

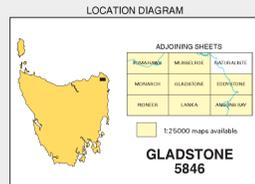
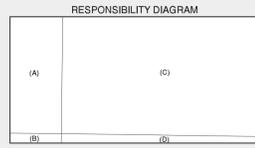
| PERIOD | UNIT | DESCRIPTION |
|----------|---|---|
| DEVONIAN | Dgfa | Porphyritic (feldspar and rounded quartz) fine to medium grained biotite-muscovite alkali feldspar granite/adamellite (Dgfa). |
| | Dgpa | Equigranular coarse-grained biotite adamellite (Dgpa). |
| | Dgpb | Medium- to coarse-grained sparsely porphyritic (K-feldspar) biotite-muscovite adamellite (Dgpb). |
| | Dgpc | Coarse grained porphyritic (K-feldspar) to equigranular, biotite, minor muscovite granite/adamellite (Dgpc). |
| Dgph | Medium- to coarse-grained biotite-hornblende granodiorite (Dgph). | |

- Geological boundary - position approximate.
- Geological boundary - inferred.
- Transitional geological boundary.
- Dune Crests.

- Strike and dip of bedding - right way up, overturned, facing unknown.
- Strike and dip of cleavage, relative local age S1 - dipping vertical.
- Strike and dip of cleavage, relative local age S2 - dipping vertical.
- Trend and plunge of hinges of minor synform, unspecified relative age.
- Generalised paleocurrent direction, showing sense of movement.
- Strike and dip of foliation due to alignment of K-feldspar phenocrysts in granitic rock - dipping vertical.
- Trend of preferred orientation of K-feldspar phenocrysts in granitic rock.
- Strike and dip of foliation due to alignment of hornblende and/or biotite in granitic rock - oblique vertical.
- Trend of preferred orientation of hornblende and/or biotite in granitic rock.
- Strike and dip of dyke or vein, rock type or mineral specified by CODE in Point Attribute Table.
- 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. Data derived from Mineral Resources Tasmania (DEPOSITS data base. Data point position has not been verified in every case.
- Construction materials location - Data derived from Mineral Resources Tasmania (DEPOSITS data base. Data point position has not been verified in every case.

Compiled by M.P. McClenaghan, 1999 from the following sources (see responsibility diagram):

- A Geological atlas 1:50,000 series, sheet 24 (84165) Bosthella 1978, Tasmania Department of Mines.
- B Geological atlas 1:50,000 series, sheet 32 (84150) Ringarooma 1977, Tasmania Department of Mines.
- C Geological atlas 1:50,000 series, sheet 25 (85465) Eddystone 1984, Tasmania Department of Mines.
- D Geological atlas 1:50,000 series, sheet 33 (85150) Blue Tier 1983, Tasmania Department of Mines.



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AOD64 - AMG Zone 55. Contour Interval: 20 metres.
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