STANLEY

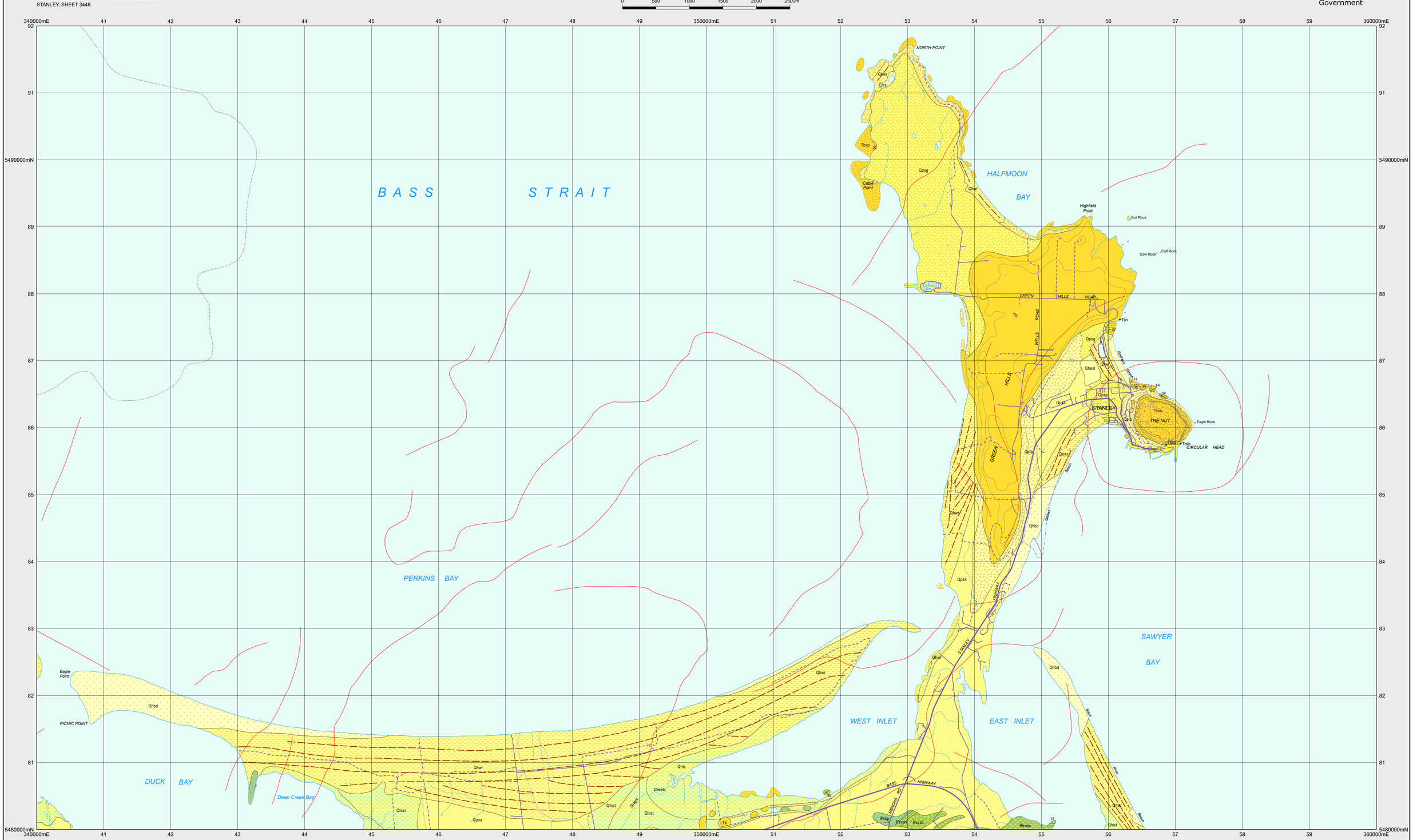
Scale 1:25 000

0 500 1000 1500 2000 2500m

Mineral Resources Tasmania

DIGITAL GEOLOGICAL ATLAS 1:25 000 SCALE SERIES
STANLEY, SHEET 3448

Tasmanian Government



CENOZOIC

QUATERNARY

HOLOCENE

- Qhmm — *Man-made deposits (Qhmm).*
- Qha — *Stream alluvium, swamp and marsh deposits (Qha). Dominantly sandy loam (Qhasl).*
- Qhis — *Paralic clay, silt, sand and minor gravel deposits of modern salt marsh and associated tidal flats (Qhis); and of coastal tea-tree swamp (Qhist).*
- Qhbd / Qhbcb — *Younger active dune and beach sand and beach gravel (Qhbd). Cobble beach derived from Tertiary basalt (Qhbcb).*
- Qhwr — *Sand of stabilised longitudinal beach ridges (Qhwr).*

PLEISTOCENE

- Qpsa — *Older stabilised aeolian sand of predominantly coastal plain, with underlying marine sands in places; may show relict landforms including terraces, lunettes, linear or barchan dunes, and beach ridges related to regressive strandlines of Last Interglacial Stage (Qpsa).*
- Qptb — *Basalt talus (Qptb).*
- Qpsg — *Gravel deposits of probable strandline origin, probably related to higher sealevel during Last Interglacial Stage (Qpsg).*

Erosional Surface.

PALEOGENE - NEOGENE

- Tbvp / Tb — *Basalt (Tb). Basalt pillow lava (Tbvp). Alkali olivine basalt (Tbao). Olivine nephelinite indicated (Tbn).*
- Tbsb / Tbca — *Agglomerate, tuff and tuffaceous sedimentary rocks (Tbsb) (Stanley beds). Coarse-grained analcime-bearing basalt (Tbca).*

~~~~~~~~~~~~ *Angular unconformity.*

NEOPROTEROZOIC

- Psbp / Psvwx / Psvxb — *Interbedded lithic wacke (massive to well bedded, turbiditic and/or mafic volcaniclastic in part), laminated siltstone/mudstone, minor polymict lithic conglomerate, and possible occurrences of coarse breccia or mixtite with clasts of mafic volcanic rocks. (Psvwx). (Correlate of Keppel Creek Formation, may include equivalents of Croles Hill Mixtite). Massive and amygdaloidal, dominantly tholeiitic basalt, commonly with pillows (Psbp). (Correlate of Spinks Creek Volcanics). Mixtite with rounded clasts of basic igneous and other rock-types (Psvxb). (Correlate of Croles Hill Mixtite).*

TOGARI GROUP

IGNEOUS ROCKS

CENOZOIC — PALEOGENE - NEOGENE

- Tbvp / Tb — *Basalt (Tb). Basalt pillow lava (Tbvp). Alkali olivine basalt (Tbao). Olivine nephelinite indicated (Tbn).*
- Tbca — *Coarse-grained analcime-bearing basalt (Tbca).*

NEOPROT-EROZOIC

- Psbp — *Massive and amygdaloidal, dominantly tholeiitic basalt, commonly with pillows (Psbp). (Correlate of Spinks Creek Volcanics).*

CONTACTS

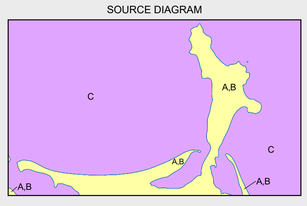
- *Geological contact.*
- *Geological contact - inferred.*
- *Limit of detailed mapping.*

LINEARS

- *Scarp.*
- *Subsurface geological boundary projected to surface.*
- *Trend of older stabilised Holocene beach ridge.*
- *Lineament - visible in magnetic data.*

- *Strike and dip of bedding, facing known; unknown.*
- *Notable small outcrop with rock unit indicated.*
- *Construction material/industrial mineral/gemstone location.*

SOURCE DIAGRAM



- Highly detailed (eg. more detailed than 1:25 000 scale mapping).
- Detailed systematic (eg.1:25 000 map or equivalent detail).
- Regional systematic (eg.1:50 000, 1:63 360 map or equivalent detail).
- Regional mapping less detailed than 1:63 360 map or equivalent (all other scales).
- Reconnaissance mapping with sparse ground traverses.
- Remote sensing and/or geophysical interpretation with limited or no ground information.

Compiled by D.B. Seymour, B.Sc.(Hons), PhD. 2006 from the following sources (see source diagram):

A LENNOX, P.G., CORBETT, K.D., BAILLIE, P.W., CORBETT, E.B., BROWN, A.V. 1982. Geological Atlas 1:50 000 Series. Sheet 21 (7916S). Smithton. Tasmanian Department of Mines.

B D.B. Seymour, 2001, interpretation of aerial photographs and airborne magnetic radiometric data collected under the Western Tasmanian Regional Minerals Program, 2001.

C D.B. Seymour, 2001, Unpublished interpretation of Western Tasmanian Regional Minerals Program airborne magnetic data covering offshore areas.

REFERENCE THIS MAP AS:

SEYMOUR, D.B. (compiler) 2006. Digital Geological Atlas 1:25 000 Scale Series. Sheet 3448 Stanley. Mineral Resources Tasmania.

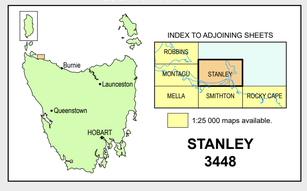
Base data from the LIST, Copyright State of Tasmania.

Map produced by Spatial Information Services, Mineral Resources Tasmania.

Website: www.mrt.tas.gov.au

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

LOCATION DIAGRAM



Map generated: 24-JUL-2026

WARNING: INKS ARE LIGHT SENSITIVE.
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