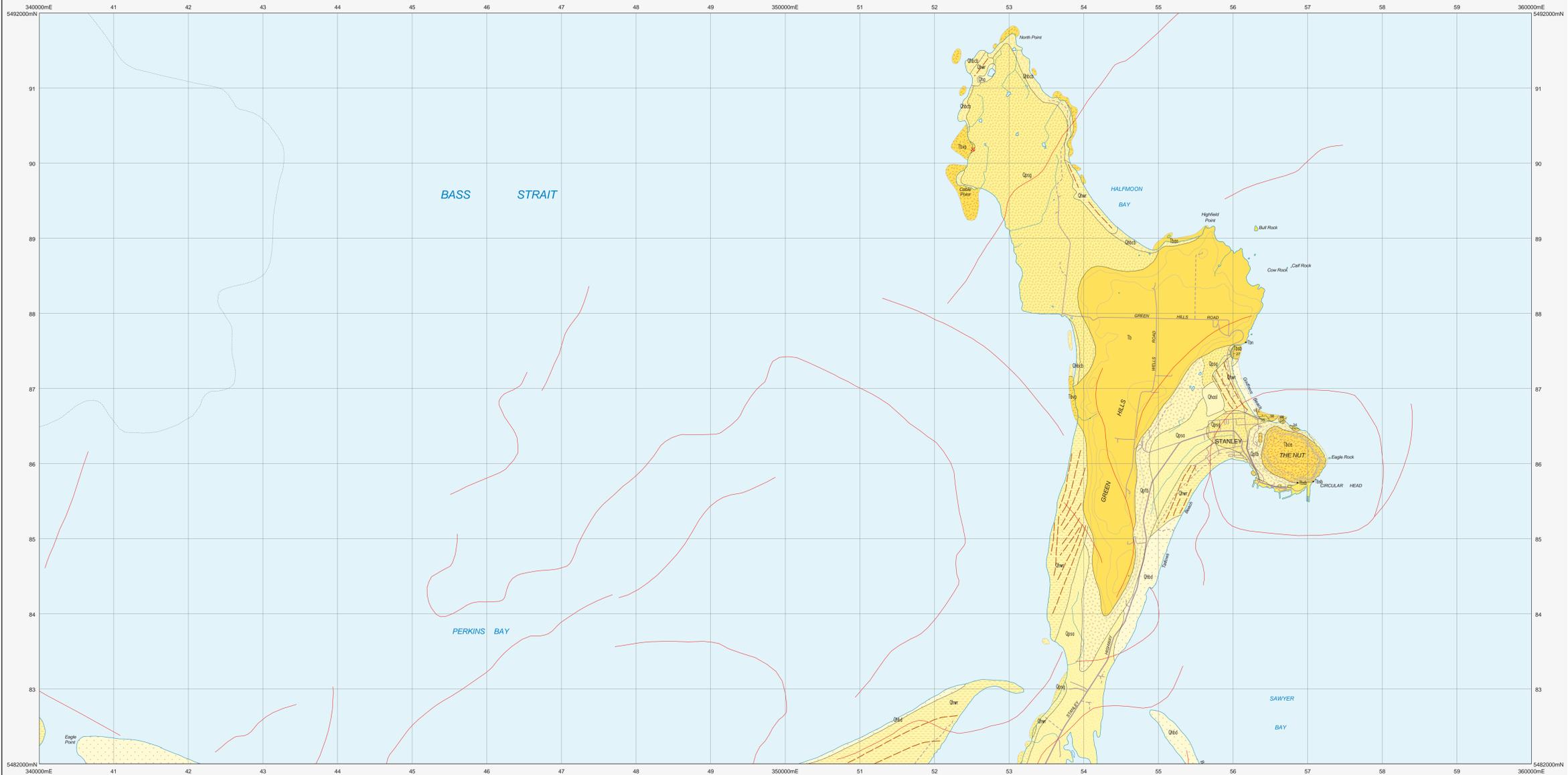


# STANLEY NORTH

Scale: 1:25 000



CENOZOIC	
QUATERNARY	<p><b>Qhmm</b> Man-made deposits (Qhmm).</p> <p><b>Qha</b> Stream alluvium, swamp and marsh deposits (Qha). Dominantly sandy loam (Qhas).</p> <p><b>Qhs</b> Paralic clay, silt, sand and minor gravel deposits of modern soft marsh and associated tidal flats (Qhs), and of coastal tea-tree swamp (Qhsa).</p> <p><b>Qhbc</b> Younger active dune and beach sand and beach gravel (Qhbc). Cobble beach derived from tertiary basalt (Qhbc).</p> <p><b>Qhr</b> Sand of stabilised longitudinal beach ridges (Qhr).</p> <p><b>Qpsa</b> Older stabilised aeolian sand of predominantly coastal plain, with underlying marine sands in places; may show well defined terraces, lunettes, linear or barrow dunes, and beach ridges related to regressive strandlines of Last Interglacial Stage (Qpsa).</p> <p><b>Qpbt</b> Basalt talus (Qpbt).</p> <p><b>Qpsg</b> Gravel deposits of probable strandline origin, probably related to higher sea-level during Last Interglacial Stage (Qpsg).</p> <p>Erosional Surface.</p>
PLEISTOCENE	<p><b>Tbvp</b> Basalt (Tb), Basalt pillow lava (Tbvp). Alkali olivine basalt (Tbo). Olivine nephelinite indicated (Tbv).</p> <p><b>Tbb</b> Agglomerate, tuff and tuffaceous sedimentary rocks (Tbb) (Stanley beds). Coarse-grained andesite-bearing basalt (Tbb).</p>
PALIOGENE-NEOGENE	<p>Angular unconformity.</p>

CENOZOIC	
IGNEOUS ROCKS	<p><b>Tbvp</b> Basalt (Tb), Basalt pillow lava (Tbvp). Alkali olivine basalt (Tbo). Olivine nephelinite indicated (Tbv).</p> <p><b>Tbca</b> Coarse-grained andesite-bearing basalt (Tbca).</p> <p><b>Babp</b> Massive and amygdaloidal, dominantly tholeiitic basalt, commonly with pillows (Babp). (Correlate of Spinks Creek Volcanics).</p>

TOCHARI GROUP	
Geological boundary - position accurate or approximate.	—
Geological boundary - inferred.	- - - - -
Geological boundary - concealed (Approximate southern and eastern sea-floor limit of T0 and related sequences, inferred from airborne magnetic data).	---
Lineament visible in airborne magnetic data.	---
Trends of older stabilised Holocene beach ridges.	---
Terrace edge.	---
Limit of mapping.	---

Strike and dip of bedding, facing known; unknown.	— / —
Notable small outcrop with rock unit indicated.	•
Construction material/industrial mineral/gemstone location -	✕
Data derived from Mineral Resources Tasmania DEPOSITS data base. Data point position has not been verified in every case.	✕

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

A. LENNOX, P.G., CORBETT, K.D., BALLIE, P.W., CORBETT, E.B., BROWN, A.V. 1982. Geological Atlas 1:25 000 Series, Sheet 21 (P1985). Simonsen, Tasmania Department of Mines.

B. Olivine links interpreted by D.B. Seymour from airborne magnetic data collected under the Western Tasmania Regional Minerals Program, 2001.

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 LST, Copyright State of Tasmania.  
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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