

Port Pegasus/ Pikihatiti Salmon Farm Investigations

Natural Character, Landscape and Visual Amenity Graphic Supplement

October 2017



Boffa Miskell



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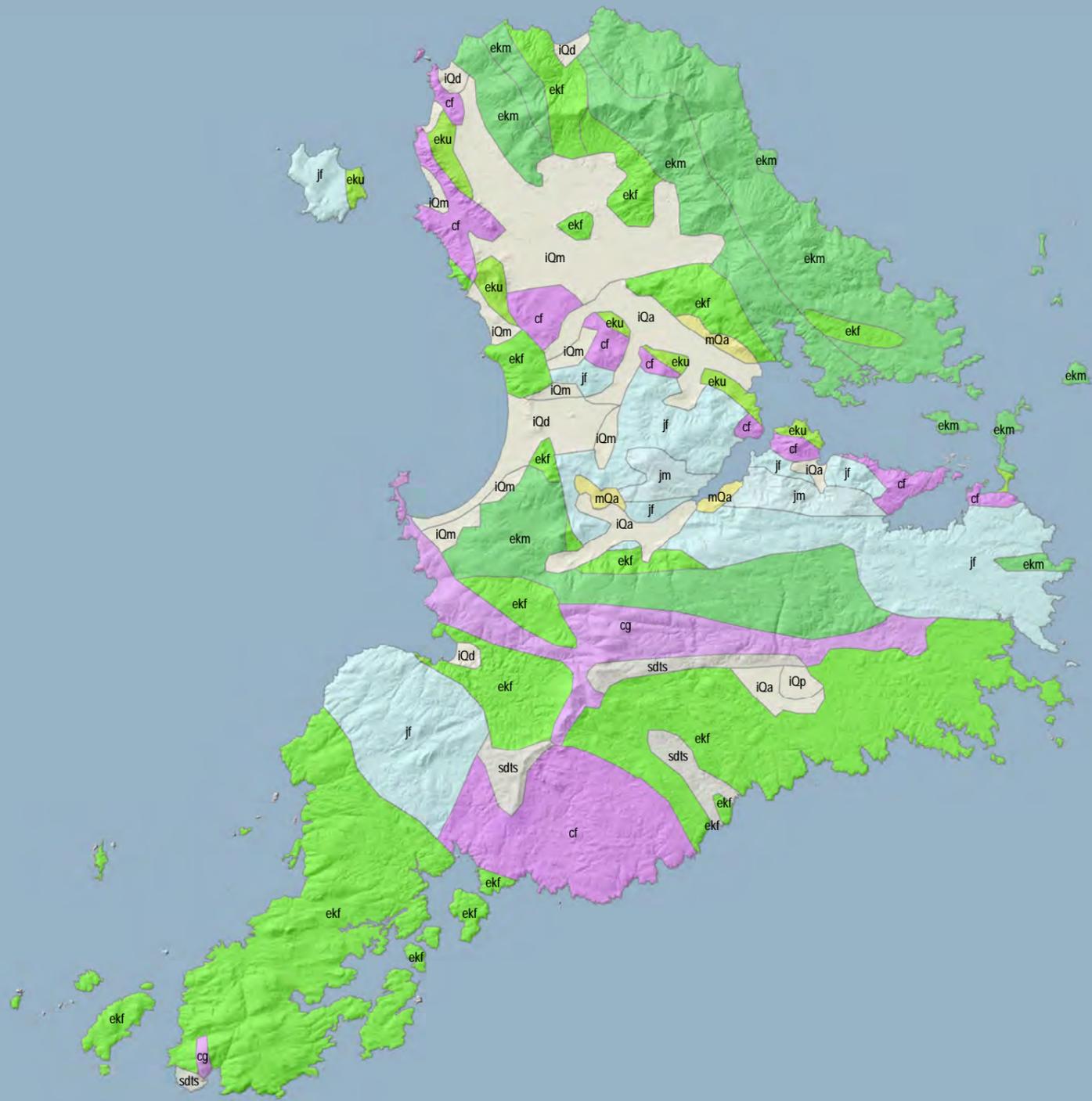
Legend

Geology

- cf Variably foliated biotite granite, leucogranite, granodiorite and tonalite. / Variably foliated granite, granodiorite, diorite / Variably foliated granite, granodiorite, diorite and quartz monzonite with minor syenogranite.
- cg Variably foliated biotite granodiorite orthogneiss.
- ekf Granite, granodiorite and tonalite with subordinate leucogranite, quartz diorite and monzodiorite; locally foliated to gneissic. / Massive and variably foliated granite, granodiorite and tonalite with subordinate diorite and gabbro.
- ekm Gabbro, gabbro, diorite and leucogabbro with minor anorthositic gabbro, quartz diorite, tonalite and ultramafic rocks; commonly foliated to gneissic. / Variably foliated diorite and monzodiorite with subordinate gabbro, tonalite, granodiorite and granite.
- eku Variably foliated, greenschist to amphibolite facies volcanoclastic sandstone, tuff, breccia and conglomerate; local andesitic and dacitic lavas.
- iQa Unconsolidated to poorly consolidated mud, sand, gravel and peat of alluvial and colluvial origin.
- iQd Sand in mobile and fixed dunes of the coast and rivers.
- iQm Beach sand, gravel, shell and boulder banks of the modern coastal plain; marine gravel, sand and mud beneath low coastal terraces.
- iQp Unconsolidated to poorly consolidated mud, silt, sand and peat of swamp origin.
- jf Biotite granite and granodiorite.
- jm Biotite granodiorite, granite and leucogranite
- mQa Gabbro, gabbro, anorthosite, diorite, monzodiorite and minor granite.
- Weathered gravel, sand, silt and mud of alluvial and colluvial origin.
- sdts Amphibolite facies pelitic and psammitic schist, quartzite, calc-silicate and amphibolite with pegmatite dikes.
- Ym Norite, gabbro, dunite and diorite with subordinate tonalite and granodiorite.

Data Sources:
1:1,000,000 Geological units digitised from <http://data.gns.cri.nz/geology>

Projection: NZGD 2000 New Zealand Transverse Mercator

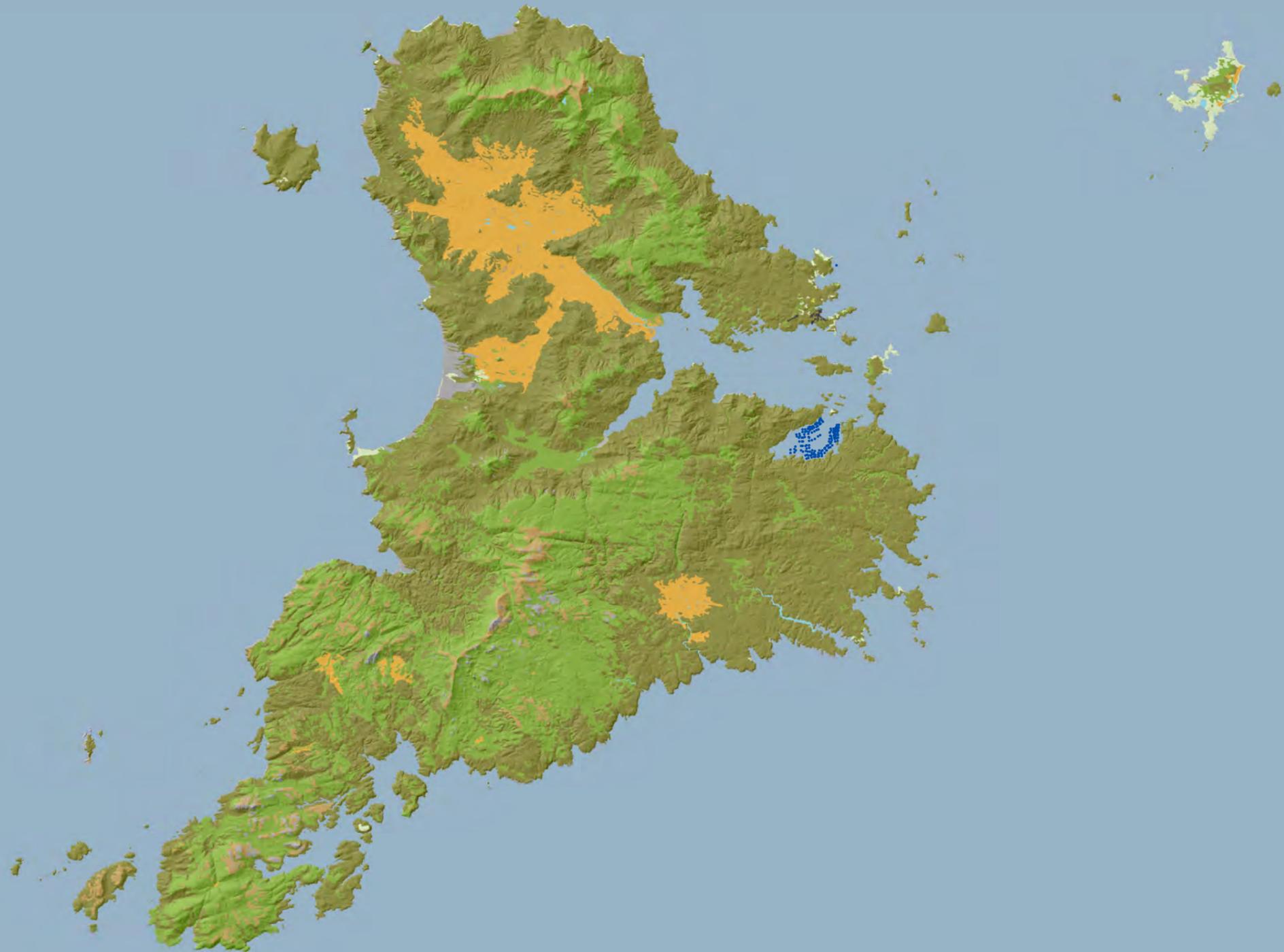


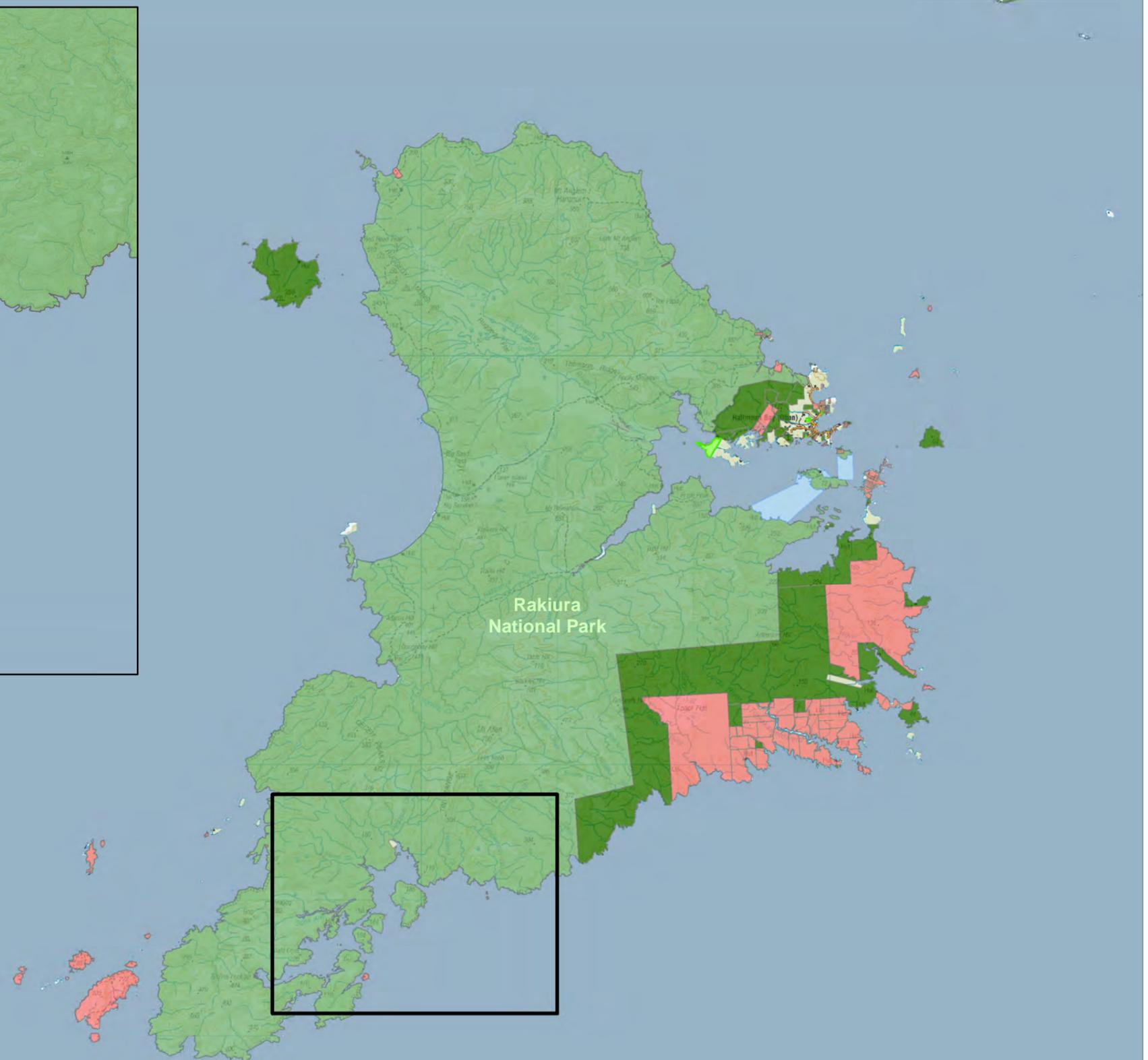
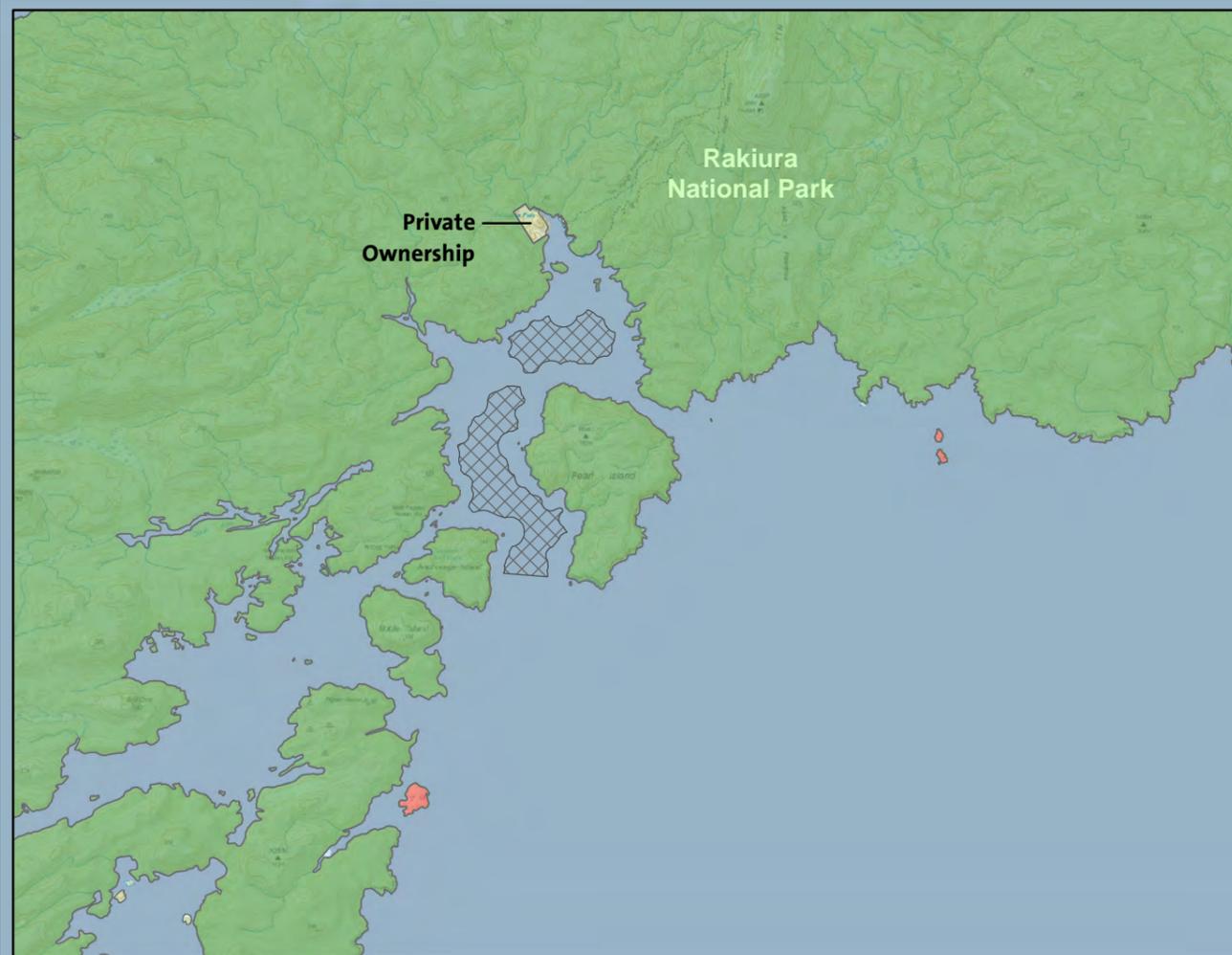
Legend

- Marine Farm
- Land Cover Database 4**
- Indigenous Forest
- Indigenous Shrub, Scrub
- Indigenous Grassland
- Wetlands
- General Agriculture, Horticulture
- Gorse, Broom
- Exotic Forest
- Open Sand, Gravel, Rock
- Open Water
- General Infrastructure

Data Sources:
Land Cover data sourced from the Ministry for the Environment, LCDB database version 4. (update Dec 2016)

Projection: NZGD 2000 New Zealand Transverse Mercator





Legend

-  Private Ownership
-  Maori Land
-  QEII Covenants
-  DOC Marine Reserve
-  National Park
-  Conservation Unit

Data Sources:
 Topo maps sourced from LINZ topo 250 map series
 Conservation Unit and National Park sourced from DOC
 QEII Covenants sourced from The QEII National Trust
 Maori Land sourced from Maori Land Online

Projection: NZGD 2000 New Zealand Transverse Mercator





Legend

Marine Character Area (MCA)

- Eastern Marine
- Paterson Inlet Marine
- Port Pegasus Marine
- Western Marine

Terrestrial Character Area (TCA)

- Breaksea
- Eastern Bays
- Freshwater Inland Basin
- Mason Doughboy Bay
- North Coast
- Port Pegasus
- Ruggedy
- South East Coast
- South West Coast
- Southern Inland Ranges

Data Sources:
Topo maps sourced from LINZ topo 250 map series

Projection: NZGD 2000 New Zealand Transverse Mercator

Legend

 Outstanding Natural Landscape

Data Sources:
Topo maps sourced from LINZ topo 250 map series
Projection: NZGD 2000 New Zealand Transverse Mercator

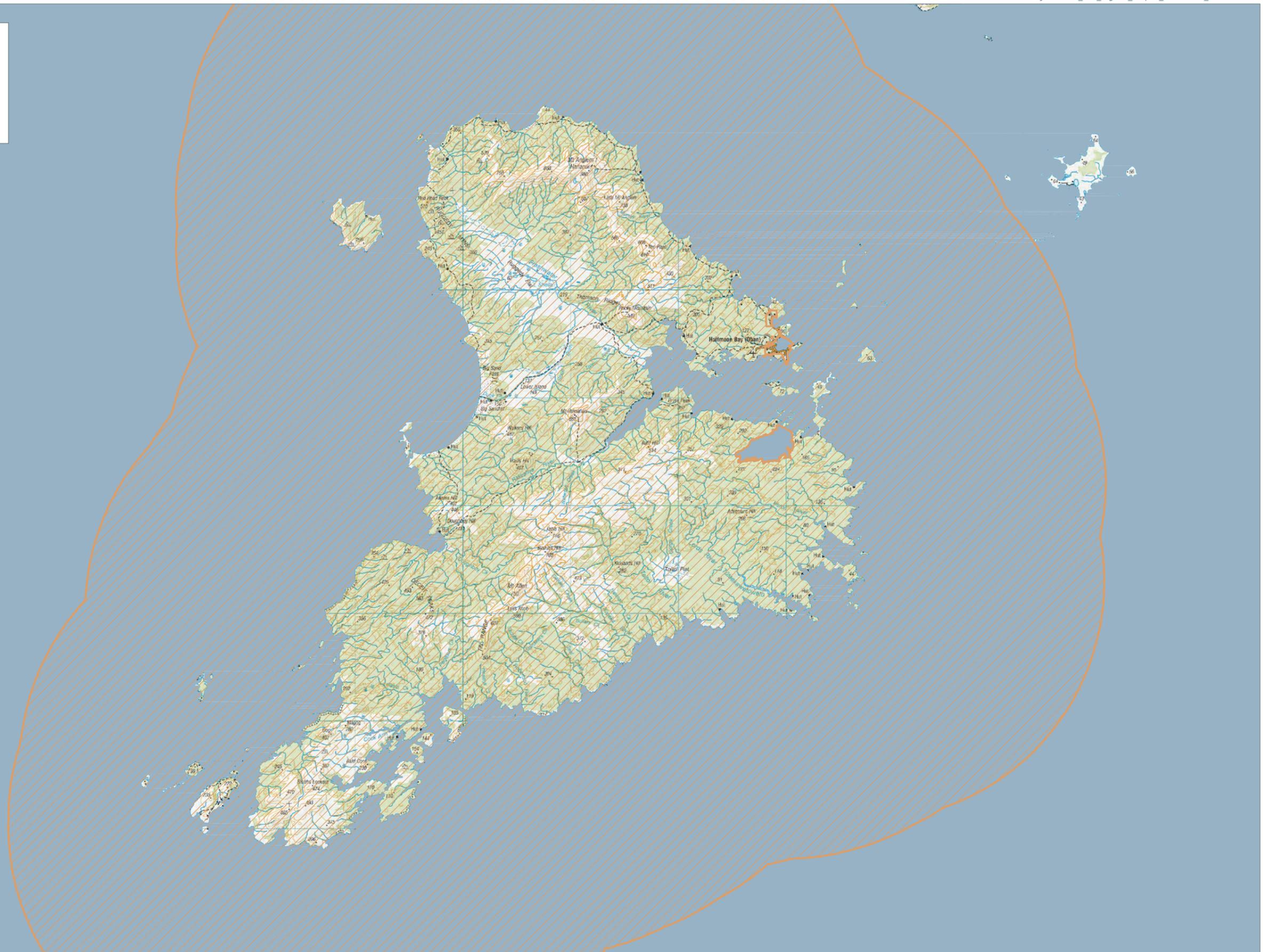


Figure 6: Proposed Stewart Island Outstanding Natural Landscape Plan

| Date: October 2017 | Revision: B |

Plan prepared for Ministry of Primary Industries & Environment Southland by Boffa Miskell Limited
Project Manager: James.Bentley@boffamiskell.co.nz | Drawn: SBI | Checked: JBe

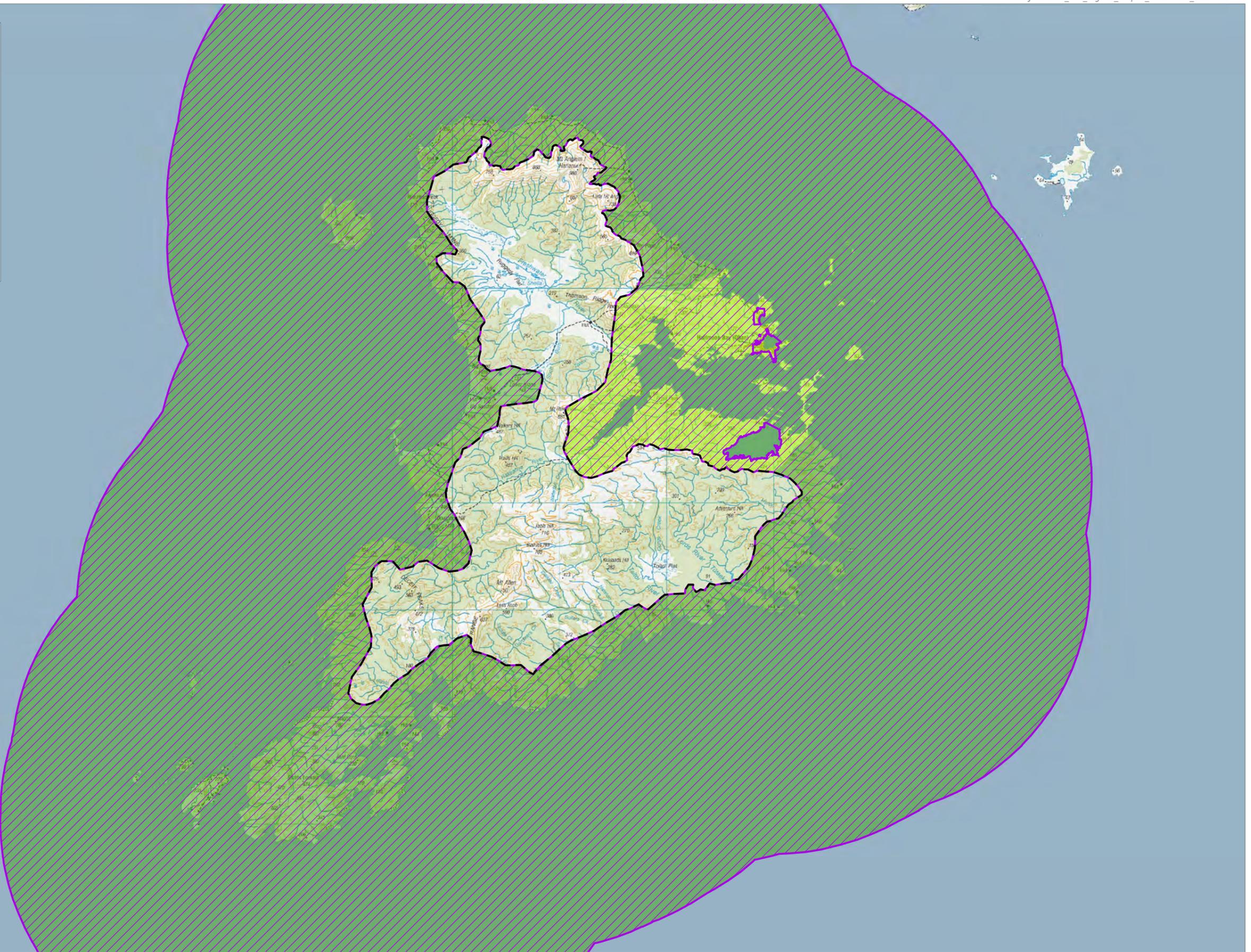
Legend

-  Coastal Environment
-  Outstanding Natural Character

Natural Character Evaluation

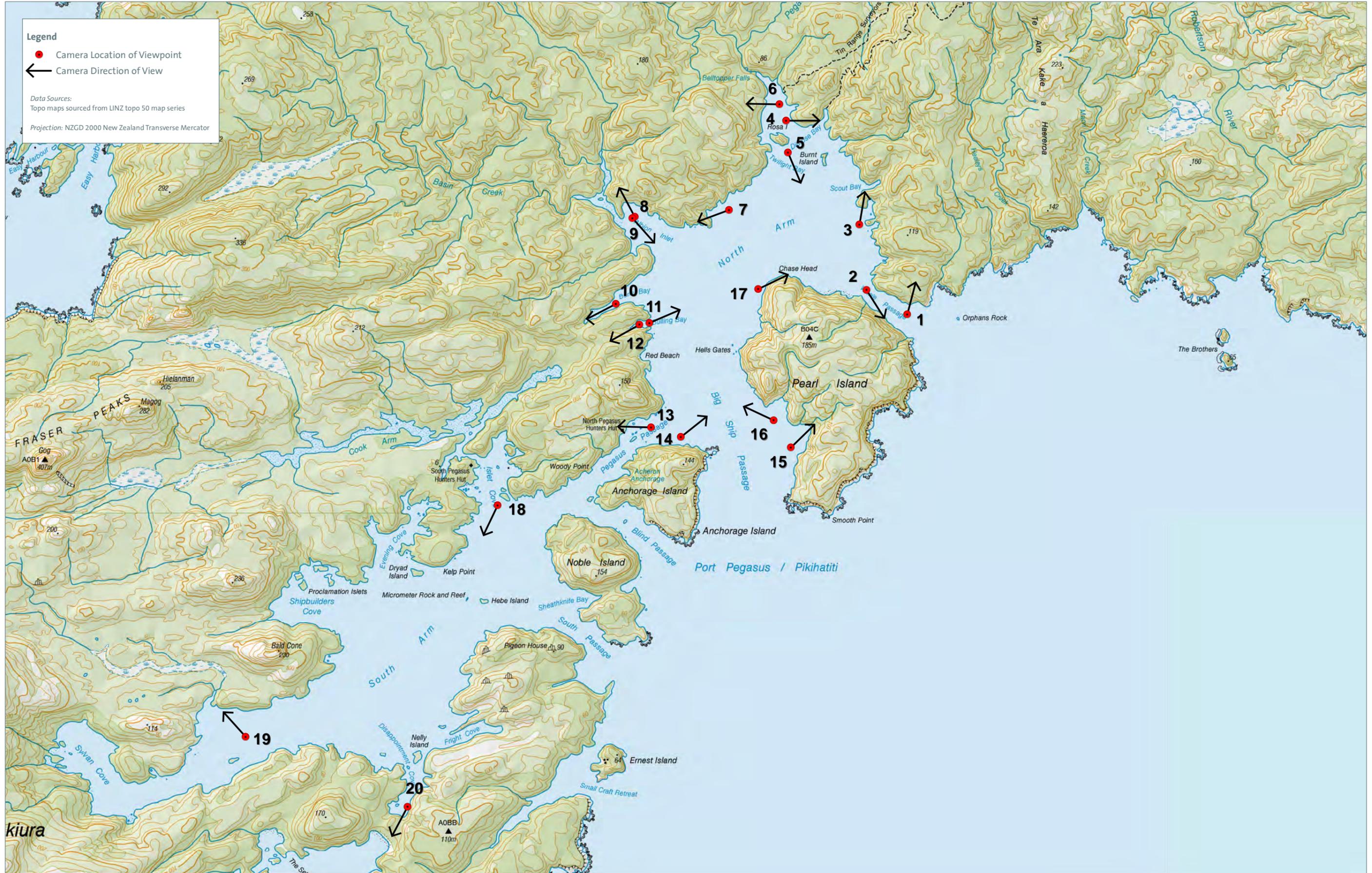
-  Very High
-  High
-  Medium-High
-  Medium
-  Medium-Low
-  Low
-  Very Low

Data Sources:
 Topo maps sourced from LINZ topo 250 map series
Projection: NZGD 2000 New Zealand Transverse Mercator











Site Photograph 1: The rocky coastal interface of Whale Passage



Site Photograph 2: Looking north from Whale Passage up the western coastal interface of North Arm



Site Photograph 3: The indented coastal fringe immediately south of Scout Bay. The Tin Range is visible beyond.



Site Photograph 4: Immediately north of Diprose Bay



Site Photograph 5: Looking south towards the forest-clad steep slopes of the northern coast of Pearl Island and Chase Head



Site Photograph 6: A concrete plinth indicating the site of the former freezing works, just north of Rosa Island. Much of the vegetation was removed to facilitate the development, which was established at the turn of the 20th Century.



Site Photograph 7: The coastal fringe of the northern coastline of North Arm



Site Photograph 8: The upper parts of Albion Inlet



Site Photograph 9: The waters of North Arm and Whale Passage



Site Photograph 10: Mature indigenous vegetation flanks the shores of Bens Bay



Site Photograph 11: The open water of North Arm



Site Photograph 12: The sandy beach at the head of Bulling Bay



Site Photograph 13:North Pegasus Hunters Hut visible on Pegasus Passage through the vegetation



Site Photograph 14: Waters of North Arm



Site Photograph 15: South-western coastline of Pearl Island



Site Photograph 16: Looking south towards Big Ship Passage



Site Photograph 17: Northern coastline of Pearl Island, close to Chase Head



Site Photograph 18: Islands associated with Islet Cove, South Arm



Site Photograph 19: Looking towards Fraser Peaks in South Arm



Site Photograph 20: Disappointment Cove