

WEST COAST REGION LANDSCAPE STUDY 2013

COASTAL OUTSTANDING NATURAL FEATURES / LANDSCAPES
SCHEDULE + MAPS



PREPARED FOR:
WEST COAST REGIONAL COUNCIL
PLANNING AND ENVIRONMENTAL DEPARTMENT
NOVEMBER 2013 . STATUS: FINAL
BROWN NZ LTD

INTRODUCTION

This report is a technical background document to the West Coast Regional Council's Proposed Regional Coastal Plan 2016. The report contains further details on outstanding natural landscapes (ONL's) in the West Coast coastal marine area, with descriptions of the characteristics and key attributes of each landscape area, photos, and maps showing their locations from south to north.

The report has been prepared for the West Coast Regional Council as part of the Council's full review of the currently operative Regional Coastal Plan 2001 under the Resource Management Act 1991.

Background

In 2011 the West Coast Regional Council and the Buller, Grey, and Westland District Councils tendered the project to identify ONL's and outstanding and high natural character areas in the coastal marine area of the West Coast, and the rest of the Region.

The Regional Council sought the identification and assessment of ONL's and natural character areas to give effect to Policies 13 and 15 of the New Zealand Coastal Policy Statement 2010 (NZCPS) for the Coastal Plan review. The project became a joint exercise with the three District Councils, who wished to have terrestrial landscape and natural character areas identified for their District Plan reviews.

Methodology

Brown NZ Ltd was the successful tenderer, and undertook the project using the following methodology:

1. Development of an assessment framework for identifying ONL's and outstanding and high natural character areas using criteria recognised by the landscape profession, guidance from Policies 13 and 15 of the NZCPS, and Environment Court caselaw decisions commonly referred to.
2. A desktop evaluation of existing data and resources including:
 - West Coast Regional Council's sets of aerial photos of the coastline taken by NIWA, DOC, and Maritime New Zealand;
 - Reports on the coastal environment by Maritime New Zealand, and the West Coast Marine Protection Forum;
 - Topographical maps;
 - Satellite imagery such as Google Earth;
 - Aerial photography from all West Coast Councils of the districts and region;
 - Landscape and natural character assessments on relevant, regional and district council consent applications;
 - Current ONL's in the Regional Coastal Plan; and,
 - Other relevant literature on the geomorphology of potential sites.
3. A field trip to verify the findings of the desktop assessment.
4. An assessment of each potential area applying criteria from the sources referred to in No 1 above.
5. Rating each area low to high for each of the assessment criteria. This includes recognising the regional context of this assessment and the emphasis on the identification of those areas that are exceptional, prominent, or striking.
6. Mapping of the extent of each area identified, and discussion with Council staff on proposed areas.

Structure of the report

In the first section of this report the assessment for each ONL is presented in a worksheet format as follows:

- Assessment criteria listed in categories of biophysical characteristics, perceptual/aesthetic values, and associative values
- A low to high ranking for each criteria, and each category of values

An overall evaluation of landscape values in the context of the West Coast Region. The outstanding landscapes scored a rating of “high” for most of the criteria, and “high” for each of the three key types of values.

A brief written assessment of the key attributes of each landscape area.

The second part of this report comprises maps showing the location and extent of each landscape area using the Topo 250 maps series. The northern and southern boundaries of each landscape unit tend to follow natural boundaries. The inland extent of the coastal environment based on the NZCPS description is indicated by a red line. The western or seaward edge of each ONL does not indicate the seaward extent of the ONL. It is included to illustrate that the sea area adjoining the land affects our perception of the landscape. It is common practice in coastal landscape assessment to include an area of coastal water, and this practice is accepted by the Environment Court.

Assessment of the coastal natural character areas is in a separate report.

Malcolm, McKenzie, & Hope Blue River Ranges

Unit No: 1A (forms the coastal area of ONL 1)

Bio Physical Landscape Characteristics

Evaluation Factors:	Key Values: (Indication of key Bio-Physical values)
Landforms (Geomorphology / Geology / Terrain)	<input type="checkbox"/>
Vegetation Type (s)	<input type="checkbox"/>
Sea / Water Bodies	<input type="checkbox"/>
Natural Processes	<input type="checkbox"/>
Land Uses / Activities / Structure	<input type="checkbox"/>
Rating of Bio Physical Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

Perceptual / Aesthetic Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
2D Patterns (Composition) & 3D Spatial Structure	<input type="checkbox"/>
Vividness / Expressiveness / Legibility	<input type="checkbox"/>
Dynamic / Transient Values	<input type="checkbox"/>
Landmarks / Key Views	<input type="checkbox"/>
Coherence / Unity	<input type="checkbox"/>
Rating of Perceptual / Aesthetics Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

Associative Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
Naturalness / Endemic Value (distinctive NZ / West Coast Sense of Place)	<input type="checkbox"/>
Tangata Whenua Values / Associations	<input type="checkbox"/>
Historical / Heritage Associations	<input type="checkbox"/>
Rating of Perceptual / Aesthetics Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

ONFL THRESHOLDS: (Overall Evaluation of Landscape Values in the context of the West Coast Region)



Key Attributes / Characteristics:

Series of remote low elevation coastal foothills and valleys that are heavily dissected with high relief. Sequence of steep coastal slopes, cliffs and headlands (Awarua Point, Bonar Knob) with a series of rocky shoals, outcrops, and broad sandy beaches. Forms the coastal edge to the Malcolm and Mckenzie Range.

- Unmodified and continuous mature coastal and lowland forest together with the dramatic terrain imparts a strong sense of naturalness.
- Dramatic interaction of the landscape with the Tasman Sea with its continuous vegetation cover providing a consistent patterning to this exposed landscape.
- Extremely limited modification / human activities.
- The highly distinctive and glacial shorn profile of Awarua Point is a key landmark within this landscape.

Cascade Point

Unit No: 2A (forms the coastal area of ONL 2)

Bio Physical Landscape Characteristics

Evaluation Factors:	Key Values: (Indication of key Bio-Physical values)					
Landforms (Geomorphology / Geology / Terrain)	<div style="width: 100%; height: 15px; background-color: #ccc;"></div>					
Vegetation Type (s)	<div style="width: 100%; height: 15px; background-color: #ccc;"></div>					
Sea / Water Bodies	<div style="width: 100%; height: 15px; background-color: #ccc;"></div>					
Natural Processes	<div style="width: 100%; height: 15px; background-color: #ccc;"></div>					
Land Uses / Activities / Structure	<div style="width: 100%; height: 15px; background-color: #ccc;"></div>					
Rating of Bio Physical Values:	<table border="1" style="width: 100%; text-align: center;"> <tr> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%; background-color: #ccc;"></td> </tr> </table>					

LowHigh

Perceptual / Aesthetic Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)					
2D Patterns (Composition) & 3D Spatial Structure	<div style="width: 100%; height: 15px; background-color: #ccc;"></div>					
Vividness / Expressiveness / Legibility	<div style="width: 100%; height: 15px; background-color: #ccc;"></div>					
Dynamic / Transient Values	<div style="width: 100%; height: 15px; background-color: #ccc;"></div>					
Landmarks / Key Views	<div style="width: 100%; height: 15px; background-color: #ccc;"></div>					
Coherence / Unity	<div style="width: 100%; height: 15px; background-color: #ccc;"></div>					
Rating of Perceptual / Aesthetics Values:	<table border="1" style="width: 100%; text-align: center;"> <tr> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%; background-color: #ccc;"></td> </tr> </table>					

LowHigh

Associative Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)					
Naturalness / Endemic Value (distinctive NZ / West Coast Sense of Place)	<div style="width: 100%; height: 15px; background-color: #ccc;"></div>					
Tangata Whenua Values / Associations	<div style="width: 100%; height: 15px; background-color: #ccc;"></div>					
Historical / Heritage Associations	<div style="width: 100%; height: 15px; background-color: #ccc;"></div>					
Rating of Perceptual / Aesthetics Values:	<table border="1" style="width: 100%; text-align: center;"> <tr> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%; background-color: #ccc;"></td> </tr> </table>					

LowHigh

ONFL THRESHOLDS: (Overall Evaluation of Landscape Values in the context of the West Coast Region)

OUTSTANDING					

Key Attributes / Characteristics:

Remote series of bluffs, cliffs and bluffs, and craggy headlands rising up to an elevated plateau. Forms the coastal edge of a wider ONL that extends across the Cascade Plateaux and River valley.

- Unmodified and continuous mature coastal, lowland, and swamp forest giving way to wind swept alpine scrub and tussock on the plateau, together with the dramatic terrain imparts a strong sense of naturalness.
- Evidence of erosion, stream / river downcutting and entrenchment, tidal variation and coastal exposure as well as formative glacial processes.
- The coastal exposure and orientation of the landscape creates a dramatic and expressive environment that abuts the Tasman Sea.
- The highly distinctive and glacial shorn profile of Cascade Point & Plateau is a key landmark within this landscape.

Bio Physical Landscape Characteristics

Evaluation Factors:	Key Values: (Indication of key Bio-Physical values)
Landforms (Geomorphology / Geology / Terrain)	
Vegetation Type (s)	
Sea / Water Bodies	
Natural Processes	
Land Uses / Activities / Structure	
Rating of Bio Physical Values:	

LowHigh

Perceptual / Aesthetic Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
2D Patterns (Composition) & 3D Spatial Structure	
Vividness / Expressiveness / Legibility	
Dynamic / Transient Values	
Landmarks / Key Views	
Coherence / Unity	
Rating of Perceptual / Aesthetics Values:	

LowHigh

Associative Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
Naturalness / Endemic Value (distinctive NZ / West Coast Sense of Place)	
Tangata Whenua Values / Associations	
Historical / Heritage Associations	
Rating of Perceptual / Aesthetics Values:	

LowHigh

ONFL THRESHOLDS: (Overall Evaluation of Landscape Values in the context of the West Coast Region)



Key Attributes / Characteristics:

Prominent craggy headland backed by a series of low elevation ranges and valleys. Forms the coastal edge of the Stafford Range and McArthur Tops

- The coastal outlook, exposure and orientation of the landscape creates a dramatic and expressive environment that abuts the Tasman Sea.
- Interplay of coastal landforms and vegetation – regenerating scrubland on exposed slopes reinforce areas of coastal erosion, river and stream entrenchment.
- Amalgam of very steep ranges, highly exposed headlands and unmodified windswept forest give the landscape a rawness and pronounced sense of naturalness.
- The dramatic projection of Jackson Head out into the Tasman Sea is key landmarks with this landscape.

Bio Physical Landscape Characteristics

Evaluation Factors:	Key Values: (Indication of key Bio-Physical values)
Landforms (Geomorphology / Geology / Terrain)	
Vegetation Type (s)	
Sea / Water Bodies	
Natural Processes	
Land Uses / Activities / Structure	
Rating of Bio Physical Values:	

LowHigh

Perceptual / Aesthetic Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
2D Patterns (Composition) & 3D Spatial Structure	
Vividness / Expressiveness / Legibility	
Dynamic / Transient Values	
Landmarks / Key Views	
Coherence / Unity	
Rating of Perceptual / Aesthetics Values:	

LowHigh

Associative Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
Naturalness / Endemic Value (distinctive NZ / West Coast Sense of Place)	
Tangata Whenua Values / Associations	
Historical / Heritage Associations	
Rating of Perceptual / Aesthetics Values:	

LowHigh

ONFL THRESHOLDS: (Overall Evaluation of Landscape Values in the context of the West Coast Region)



Key Attributes / Characteristics:

Vast and remote windswept stony beach immediately flanked by coastal forest that extends into an expansive swamp plain.

- Highly expressive of the landscapes formative and ongoing natural processes – post glacial alluvial plain, interplay of river mouths and the Tasman Sea. Vegetation patterns reinforce the exposure to the Tasman Sea and the expansive planar landform.
- Pristine lowland and swamp forest predominates with wetland areas surrounding the numerous waterbodies.
- Strongly defined by enclosing mountain ranges.
- Key landmarks within this landscape are the Arawhata, Waitoto, Okuru, and Haast River mouths, and Jackson Bay.





Bald, Moeraki & Paringa Hills
 Unit No: 10A (forms the coastal area of ONL 10)

Bio Physical Landscape Characteristics

Evaluation Factors:	Key Values: (Indication of key Bio-Physical values)
Landforms (Geomorphology / Geology / Terrain)	<input type="checkbox"/>
Vegetation Type (s)	<input type="checkbox"/>
Sea / Water Bodies	<input type="checkbox"/>
Natural Processes	<input type="checkbox"/>
Land Uses / Activities / Structure	<input type="checkbox"/>
Rating of Bio Physical Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

Perceptual / Aesthetic Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
2D Patterns (Composition) & 3D Spatial Structure	<input type="checkbox"/>
Vividness / Expressiveness / Legibility	<input type="checkbox"/>
Dynamic / Transient Values	<input type="checkbox"/>
Landmarks / Key Views	<input type="checkbox"/>
Coherence / Unity	<input type="checkbox"/>
Rating of Perceptual / Aesthetics Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

Associative Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
Naturalness / Endemic Value (distinctive NZ / West Coast Sense of Place)	<input type="checkbox"/>
Tangata Whenua Values / Associations	<input type="checkbox"/>
Historical / Heritage Associations	<input type="checkbox"/>
Rating of Perceptual / Aesthetics Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

ONFL THRESHOLDS: (Overall Evaluation of Landscape Values in the context of the West Coast Region)



Key Attributes / Characteristics:

Extensive series of steep craggy headlands, cliffs, bluffs, and stony beaches backed by forest clad foothills. Forms the coastal edge as part of a wider ONL unit extending inland to Moeraki, Bald and Paringa Hills.

- Dramatic interaction of the landscape with the Tasman Sea with its continuous mature coastal and lowland forest vegetation cover providing a consistent patterning to this exposed landscape.
- Varied amalgam of raw and exposed landforms, windswept vegetation and isolated beach fronts impart a strong sense of naturalness.
- Heretaniwha Point is a key landmark with this unit.
- Knights Point lookout provides dramatic elevated views up and down the coastline.





Bruce Bay - Cook Bluff

Unit No: 11A (forms the coastal area of ONL 11)

Bio Physical Landscape Characteristics

Evaluation Factors:	Key Values: (Indication of key Bio-Physical values)
Landforms (Geomorphology / Geology / Terrain)	
Vegetation Type (s)	
Sea / Water Bodies	
Natural Processes	
Land Uses / Activities / Structure	
Rating of Bio Physical Values:	

LowHigh

Perceptual / Aesthetic Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
2D Patterns (Composition) & 3D Spatial Structure	
Vividness / Expressiveness / Legibility	
Dynamic / Transient Values	
Landmarks / Key Views	
Coherence / Unity	
Rating of Perceptual / Aesthetics Values:	

LowHigh

Associative Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
Naturalness / Endemic Value (distinctive NZ / West Coast Sense of Place)	
Tangata Whenua Values / Associations	
Historical / Heritage Associations	
Rating of Perceptual / Aesthetics Values:	

LowHigh

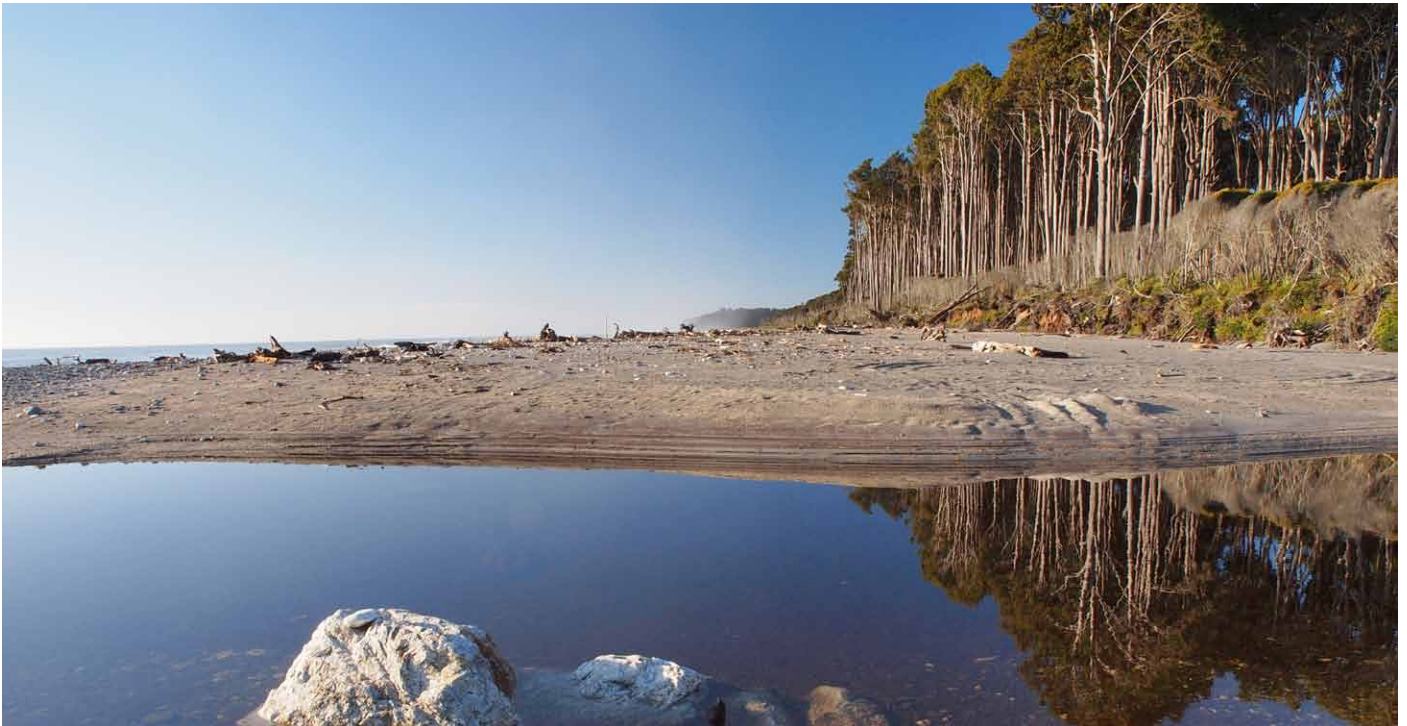
ONFL THRESHOLDS: (Overall Evaluation of Landscape Values in the context of the West Coast Region)



Key Attributes / Characteristics:

Remote and isolated coastline comprising broad sandy beaches, coastal cliffs, bluffs, and craggy headlands backed by expansive low lying swampland, glacial shorn hills, and braided river mouths.

- Varied amalgam of raw and exposed landforms, windswept vegetation and isolated beach fronts impart a strong sense of naturalness.
- Dramatic interaction of the landscape with the Tasman Sea – sheer cliffs at Jacobs, Karangarua, and Cook Bluff plunge dramatically into the sea – Cook & Karangarua River mouths are highly expressive of the landscapes natural processes.
- Vast unmodified sequences of native forest enclosed by glacial shorn hills reinforce the natural qualities of this landscape. Mature wind swept rimu forest on Sandy Beach
- Bruce Bay was the landing place of Polynesian explorer Maui.
- Makawhio Point, Karangarua and Cook River mouths are key landmarks within this unit.



Gillespies Point – Kohuamarua Bluff
Unit No: 15A (forms the coastal area of ONL 15)

Bio Physical Landscape Characteristics

Evaluation Factors:	Key Values: (Indication of key Bio-Physical values)
Landforms (Geomorphology / Geology / Terrain)	<input type="checkbox"/>
Vegetation Type (s)	<input type="checkbox"/>
Sea / Water Bodies	<input type="checkbox"/>
Natural Processes	<input type="checkbox"/>
Land Uses / Activities / Structure	<input type="checkbox"/>
Rating of Bio Physical Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

Perceptual / Aesthetic Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
2D Patterns (Composition) & 3D Spatial Structure	<input type="checkbox"/>
Vividness / Expressiveness / Legibility	<input type="checkbox"/>
Dynamic / Transient Values	<input type="checkbox"/>
Landmarks / Key Views	<input type="checkbox"/>
Coherence / Unity	<input type="checkbox"/>
Rating of Perceptual / Aesthetics Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

Associative Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
Naturalness / Endemic Value (distinctive NZ / West Coast Sense of Place)	<input type="checkbox"/>
Tangata Whenua Values / Associations	<input type="checkbox"/>
Historical / Heritage Associations	<input type="checkbox"/>
Rating of Perceptual / Aesthetics Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

ONFL THRESHOLDS: (Overall Evaluation of Landscape Values in the context of the West Coast Region)



Key Attributes / Characteristics:

Series of steep craggy headlands and isolated sandy beaches backed by glacial shorn foothills covered in native forest which contain a number of lake and swamp basins. Part of a wider ONL unit extending inland to Cook and Omoeroa Saddles.

- Dramatic interaction of the landscape with the Tasman Sea with its sheer cliffs and scarps, continuous coastal and lowland forest cover providing a consistent patterning to this exposed landscape.
- Combination of glacial sculpted terrain with continuous vegetation cover, moderate relief, and the tranquillity of the lagoons opening up views up and down the valley basins reinforce the natural qualities of this landscape.
- Unmodified vegetation sequences from dunefields to mature coastal forest.
- Three & Five Mile Lagoons, and the Waiho River mouth are key landmarks within this unit.



Okarito Lagoon – Mt Bird

Unit No: 16A (forms the coastal area of ONL 16)

Bio Physical Landscape Characteristics

Evaluation Factors:	Key Values: (Indication of key Bio-Physical values)
Landforms (Geomorphology / Geology / Terrain)	<input type="checkbox"/>
Vegetation Type (s)	<input type="checkbox"/>
Sea / Water Bodies	<input type="checkbox"/>
Natural Processes	<input type="checkbox"/>
Land Uses / Activities / Structure	<input type="checkbox"/>
Rating of Bio Physical Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

Perceptual / Aesthetic Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
2D Patterns (Composition) & 3D Spatial Structure	<input type="checkbox"/>
Vividness / Expressiveness / Legibility	<input type="checkbox"/>
Dynamic / Transient Values	<input type="checkbox"/>
Landmarks / Key Views	<input type="checkbox"/>
Coherence / Unity	<input type="checkbox"/>
Rating of Perceptual / Aesthetics Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

Associative Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
Naturalness / Endemic Value (distinctive NZ / West Coast Sense of Place)	<input type="checkbox"/>
Tangata Whenua Values / Associations	<input type="checkbox"/>
Historical / Heritage Associations	<input type="checkbox"/>
Rating of Perceptual / Aesthetics Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

ONFL THRESHOLDS: (Overall Evaluation of Landscape Values in the context of the West Coast Region)



Key Attributes / Characteristics:

Vast and remote lagoon systems enclosed by extensive beaches and dune fields and flanked by mature low lying coastal forest which extends inland to Mt Bird across a broad gentle inclined glacial terrace.

- Unmodified sequences of dunefield and wetland vegetation through to mature coastal forest.
- Highly dynamic and dramatic interaction / relationship between the Okarito River mouth, associated sand bars and the open waters of the Tasman Sea.
- Enclosure of the lagoon is expressive of formative coastal processes.
- Combination of the enclosing terrain, continuous and vast expanse of vegetation cover, the tranquility of the Lagoons expansive open waters opening up views up and down the coast reinforce the natural qualities of this landscape.
- Okarito is a key landmark within this landscape.
- Ngai Tahu have manawhenua over Okarito Lagoon.



Bio Physical Landscape Characteristics

Evaluation Factors:	Key Values: (Indication of key Bio-Physical values)
Landforms (Geomorphology / Geology / Terrain)	<input type="checkbox"/>
Vegetation Type (s)	<input type="checkbox"/>
Sea / Water Bodies	<input type="checkbox"/>
Natural Processes	<input type="checkbox"/>
Land Uses / Activities / Structure	<input type="checkbox"/>
Rating of Bio Physical Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>

LowHigh

Perceptual / Aesthetic Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
2D Patterns (Composition) & 3D Spatial Structure	<input type="checkbox"/>
Vividness / Expressiveness / Legibility	<input type="checkbox"/>
Dynamic / Transient Values	<input type="checkbox"/>
Landmarks / Key Views	<input type="checkbox"/>
Coherence / Unity	<input type="checkbox"/>
Rating of Perceptual / Aesthetics Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>

LowHigh

Associative Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
Naturalness / Endemic Value (distinctive NZ / West Coast Sense of Place)	<input type="checkbox"/>
Tangata Whenua Values / Associations	<input type="checkbox"/>
Historical / Heritage Associations	<input type="checkbox"/>
Rating of Perceptual / Aesthetics Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>

LowHigh

ONFL THRESHOLDS: (Overall Evaluation of Landscape Values in the context of the West Coast Region)



Key Attributes / Characteristics:

Expansive braided river channels flanked by a series of steep and dramatic river escarpments covered in indigenous forest. Forms the coastal parts of a wider ONL unit extending inland along the river valleys.

- Highly dynamic and dramatic interaction / relationship between the river mouths, associated sand bars and the open waters of the Tasman Sea.
- Assemblage of river escarpments of similar orientation, vegetative cover and appearance. The dramatic profile of the escarpment and headland features accentuate this landscapes endemic character.
- Unmodified sequences of dunefield and wetland vegetation through to mature coastal and low land native forest.
- Dynamic natural processes associated with the meandering braids and gravel beds, grading of aggregate sizes, downcutting, river terracing, flood events and inundation.



Saltwater Lagoon

Unit No: 19A (forms the coastal area of ONL 19)

Bio Physical Landscape Characteristics

Evaluation Factors:	Key Values: (Indication of key Bio-Physical values)
Landforms (Geomorphology / Geology / Terrain)	<input type="checkbox"/>
Vegetation Type (s)	<input type="checkbox"/>
Sea / Water Bodies	<input type="checkbox"/>
Natural Processes	<input type="checkbox"/>
Land Uses / Activities / Structure	<input type="checkbox"/>
Rating of Bio Physical Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

Perceptual / Aesthetic Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
2D Patterns (Composition) & 3D Spatial Structure	<input type="checkbox"/>
Vividness / Expressiveness / Legibility	<input type="checkbox"/>
Dynamic / Transient Values	<input type="checkbox"/>
Landmarks / Key Views	<input type="checkbox"/>
Coherence / Unity	<input type="checkbox"/>
Rating of Perceptual / Aesthetics Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

Associative Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
Naturalness / Endemic Value (distinctive NZ / West Coast Sense of Place)	<input type="checkbox"/>
Tangata Whenua Values / Associations	<input type="checkbox"/>
Historical / Heritage Associations	<input type="checkbox"/>
Rating of Perceptual / Aesthetics Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

ONFL THRESHOLDS: (Overall Evaluation of Landscape Values in the context of the West Coast Region)



Key Attributes / Characteristics:

Vast and remote lagoon system enclosed by extensive beaches, dune fields and flanked by mature low lying coastal forest which extends inland across a broad elevated terrace.

- Unmodified sequences of dunefield and wetland vegetation through to mature coastal forest.
- Highly dynamic and dramatic interaction / relationship between the Lagoon mouth, associated sand bars and the open waters of the Tasman Sea.
- Enclosure of the lagoon is expressive of formative coastal processes.
- Combination of the enclosing terrain, continuous and vast expanse of vegetation cover, the tranquility of the Lagoons expansive open waters and islands reinforce the natural qualities of this landscape.
- Saltwater Lagoon is a key landmark within this landscape.



Bio Physical Landscape Characteristics

Evaluation Factors:	Key Values: (Indication of key Bio-Physical values)
Landforms (Geomorphology / Geology / Terrain)	<input type="checkbox"/>
Vegetation Type (s)	<input type="checkbox"/>
Sea / Water Bodies	<input type="checkbox"/>
Natural Processes	<input type="checkbox"/>
Land Uses / Activities / Structure	<input type="checkbox"/>
Rating of Bio Physical Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

Perceptual / Aesthetic Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
2D Patterns (Composition) & 3D Spatial Structure	<input type="checkbox"/>
Vividness / Expressiveness / Legibility	<input type="checkbox"/>
Dynamic / Transient Values	<input type="checkbox"/>
Landmarks / Key Views	<input type="checkbox"/>
Coherence / Unity	<input type="checkbox"/>
Rating of Perceptual / Aesthetics Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

Associative Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
Naturalness / Endemic Value (distinctive NZ / West Coast Sense of Place)	<input type="checkbox"/>
Tangata Whenua Values / Associations	<input type="checkbox"/>
Historical / Heritage Associations	<input type="checkbox"/>
Rating of Perceptual / Aesthetics Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

ONFL THRESHOLDS: (Overall Evaluation of Landscape Values in the context of the West Coast Region)



Key Attributes / Characteristics:

Isolated sandy beaches backed by a series of bluffs / cliffs, forest covered slopes, and swampland. Forms the coastal edge as part of a wider ONL unit extending inland to Pukekura.

- Dramatic interaction of the landscape with the Tasman Sea with its sheer cliffs and scarps, continuous coastal and lowland forest cover providing a consistent patterning to this exposed landscape.
- Varied amalgam of raw and exposed coastal landforms, strong elevated relief, windswept vegetation which impart a strong sense of naturalness.
- Combination of bluffs and scarps, continuous vegetation cover, saltwater lagoons, dune fields, and wetlands and the tranquility of the extensive swampland reinforce the natural qualities of this landscape.
- Unmodified vegetation sequences from dunefields and wetland vegetation through to mature coastal and low land native forest.



Bio Physical Landscape Characteristics

Evaluation Factors:	Key Values: (Indication of key Bio-Physical values)
Landforms (Geomorphology / Geology / Terrain)	<input type="checkbox"/>
Vegetation Type (s)	<input type="checkbox"/>
Sea / Water Bodies	<input type="checkbox"/>
Natural Processes	<input type="checkbox"/>
Land Uses / Activities / Structure	<input type="checkbox"/>
Rating of Bio Physical Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

Perceptual / Aesthetic Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
2D Patterns (Composition) & 3D Spatial Structure	<input type="checkbox"/>
Vividness / Expressiveness / Legibility	<input type="checkbox"/>
Dynamic / Transient Values	<input type="checkbox"/>
Landmarks / Key Views	<input type="checkbox"/>
Coherence / Unity	<input type="checkbox"/>
Rating of Perceptual / Aesthetics Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

Associative Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
Naturalness / Endemic Value (distinctive NZ / West Coast Sense of Place)	<input type="checkbox"/>
Tangata Whenua Values / Associations	<input type="checkbox"/>
Historical / Heritage Associations	<input type="checkbox"/>
Rating of Perceptual / Aesthetics Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

ONFL THRESHOLDS: (Overall Evaluation of Landscape Values in the context of the West Coast Region)



Key Attributes / Characteristics:

Cohesive assemblage of steep low elevation ridges and incised valley systems.

- Homogenous mature lowland forest cover.
- Coastal derived landforms with indigenous vegetation patterns and pasture reinforcing the dramatic topography. Sequence of ridgelines of similar orientation, elevation and vegetation cover. Contiguous limestone mountain range.
- Unmodified landforms, pristine forest cover, moderate relief, incised river channels, and vegetation patterns reinforce the natural qualities of the landscape.
- Given the ranges elevation above the surrounding terrain and that it forms a natural backdrop to Greymouth, this unit as a whole is a landmark.

Rapahoe Range

Unit No: 31A (forms the coastal area of ONL 31)

Bio Physical Landscape Characteristics

Evaluation Factors:	Key Values: (Indication of key Bio-Physical values)
Landforms (Geomorphology / Geology / Terrain)	<input type="checkbox"/>
Vegetation Type (s)	<input type="checkbox"/>
Sea / Water Bodies	<input type="checkbox"/>
Natural Processes	<input type="checkbox"/>
Land Uses / Activities / Structure	<input type="checkbox"/>
Rating of Bio Physical Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

Perceptual / Aesthetic Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
2D Patterns (Composition) & 3D Spatial Structure	<input type="checkbox"/>
Vividness / Expressiveness / Legibility	<input type="checkbox"/>
Dynamic / Transient Values	<input type="checkbox"/>
Landmarks / Key Views	<input type="checkbox"/>
Coherence / Unity	<input type="checkbox"/>
Rating of Perceptual / Aesthetics Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

Associative Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
Naturalness / Endemic Value (distinctive NZ / West Coast Sense of Place)	<input type="checkbox"/>
Tangata Whenua Values / Associations	<input type="checkbox"/>
Historical / Heritage Associations	<input type="checkbox"/>
Rating of Perceptual / Aesthetics Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

ONFL THRESHOLDS: (Overall Evaluation of Landscape Values in the context of the West Coast Region)



Key Attributes / Characteristics:

Highly prominent and distinctive cuesta type formation comprising a sequence of coastal bluffs and escarpments with rocky shoals and bays near Point Elizabeth. Forms the seaward part of the cuesta.

- Dramatic assemblage of ridges of similar orientation, altitudes, vegetative cover and appearance. Distinctive limestone cuesta formation.
- Interplay of coastal landforms and vegetation – regenerating scrubland on exposed slopes reinforce areas of coastal erosion, river and stream entrenchment.
- Striking interface with the Tasman Sea. Sheer cliffs and scarps at Point Elizabeth which plunge dramatically into the sea.
- The coastal outlook, exposure and orientation of the landscape creates a dramatic and expressive environment that abuts the Tasman Sea.
- Given the ranges elevated profile above the surrounding terrain and its proximity to Greymouth this unit as a whole is a landmark.



Bio Physical Landscape Characteristics

Evaluation Factors:	Key Values: (Indication of key Bio-Physical values)
Landforms (Geomorphology / Geology / Terrain)	<input type="checkbox"/>
Vegetation Type (s)	<input type="checkbox"/>
Sea / Water Bodies	<input type="checkbox"/>
Natural Processes	<input type="checkbox"/>
Land Uses / Activities / Structure	<input type="checkbox"/>
Rating of Bio Physical Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

Perceptual / Aesthetic Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
2D Patterns (Composition) & 3D Spatial Structure	<input type="checkbox"/>
Vividness / Expressiveness / Legibility	<input type="checkbox"/>
Dynamic / Transient Values	<input type="checkbox"/>
Landmarks / Key Views	<input type="checkbox"/>
Coherence / Unity	<input type="checkbox"/>
Rating of Perceptual / Aesthetics Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

Associative Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
Naturalness / Endemic Value (distinctive NZ / West Coast Sense of Place)	<input type="checkbox"/>
Tangata Whenua Values / Associations	<input type="checkbox"/>
Historical / Heritage Associations	<input type="checkbox"/>
Rating of Perceptual / Aesthetics Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

ONFL THRESHOLDS: (Overall Evaluation of Landscape Values in the context of the West Coast Region)



Key Attributes / Characteristics:

Series of steep coastal slopes that form part of a wider ONL unit extending inland to the crest of the Paparoa Range.

- Interplay of mature indigenous forest and vegetative sequence from lowland beech forest through to alpine scrub communities reinforcing topography and pronounced relief.
- The coastal outlook, exposure and orientation of the landscape creates a dramatic and expressive environment that abuts the Tasman Sea.
- A sequence of ridgelines of similar orientation, elevation and vegetation cover, punctuated by exposed ridgetops and tussock lands.
- The pristine beech forest, unmodified mountain range with its high relief, creates a strong sense of naturalness.

Nine, Fourteen, and Seventeen Mile Bluffs

Unit No: 43

Bio Physical Landscape Characteristics

Evaluation Factors:	Key Values: (Indication of key Bio-Physical values)
Landforms (Geomorphology / Geology / Terrain)	<input type="checkbox"/>
Vegetation Type (s)	<input type="checkbox"/>
Sea / Water Bodies	<input type="checkbox"/>
Natural Processes	<input type="checkbox"/>
Land Uses / Activities / Structure	<input type="checkbox"/>
Rating of Bio Physical Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

Perceptual / Aesthetic Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
2D Patterns (Composition) & 3D Spatial Structure	<input type="checkbox"/>
Vividness / Expressiveness / Legibility	<input type="checkbox"/>
Dynamic / Transient Values	<input type="checkbox"/>
Landmarks / Key Views	<input type="checkbox"/>
Coherence / Unity	<input type="checkbox"/>
Rating of Perceptual / Aesthetics Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

Associative Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
Naturalness / Endemic Value (distinctive NZ / West Coast Sense of Place)	<input type="checkbox"/>
Tangata Whenua Values / Associations	<input type="checkbox"/>
Historical / Heritage Associations	<input type="checkbox"/>
Rating of Perceptual / Aesthetics Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

ONFL THRESHOLDS: (Overall Evaluation of Landscape Values in the context of the West Coast Region)



Key Attributes / Characteristics:

Sequence of coastal bluffs and escarpments interspersed by rocky shoals and sandy bays.

- Dramatic interaction of the landscape with the Tasman Sea with its sheer cliffs and scarps, continuous coastal and lowland forest cover providing a consistent patterning to this exposed landscape.
- Varied amalgam of raw and exposed coastal landforms, strong elevated relief, windswept vegetation which impart a strong sense of naturalness.
- Patterning of mature wind swept coastal forest and scrub across the bluffs and slopes reinforces the topography and exposure.
- Striking interface with the Tasman Sea - sheer cliffs plunge dramatically into the sea.
- Nine, Fourteen, and Seventeen Mile Bluffs are key landmarks within this landscape – emphasised by key views obtained along SH6.



Bio Physical Landscape Characteristics

Evaluation Factors:	Key Values: (Indication of key Bio-Physical values)
Landforms (Geomorphology / Geology / Terrain)	<input type="checkbox"/>
Vegetation Type (s)	<input type="checkbox"/>
Sea / Water Bodies	<input type="checkbox"/>
Natural Processes	<input type="checkbox"/>
Land Uses / Activities / Structure	<input type="checkbox"/>
Rating of Bio Physical Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

Perceptual / Aesthetic Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
2D Patterns (Composition) & 3D Spatial Structure	<input type="checkbox"/>
Vividness / Expressiveness / Legibility	<input type="checkbox"/>
Dynamic / Transient Values	<input type="checkbox"/>
Landmarks / Key Views	<input type="checkbox"/>
Coherence / Unity	<input type="checkbox"/>
Rating of Perceptual / Aesthetics Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

Associative Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
Naturalness / Endemic Value (distinctive NZ / West Coast Sense of Place)	<input type="checkbox"/>
Tangata Whenua Values / Associations	<input type="checkbox"/>
Historical / Heritage Associations	<input type="checkbox"/>
Rating of Perceptual / Aesthetics Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

ONFL THRESHOLDS: (Overall Evaluation of Landscape Values in the context of the West Coast Region)



Key Attributes / Characteristics:

Series of low elevation coastal slopes that form part of a wider ONL unit that covers the foothills to the Paparoa Range, comprising exposed limestone outcrops and deeply incised river gorges and valleys.

- Mature native lowland forest predominates, with wetland areas of flax and native shrublands.
- Evidence of erosion, stream / river down cutting and entrenchment, and coastal exposure.
- The pristine lowland forest, unmodified terrain with moderate relief, bluffs, incised valleys creates a strong sense of naturalness.
- Evident contrast with the coastal flats behind Pakiroa Beach.

Razorback, Dolomite, & Perpendicular Point

Unit No: 45

Bio Physical Landscape Characteristics

Evaluation Factors:	Key Values: (Indication of key Bio-Physical values)
Landforms (Geomorphology / Geology / Terrain)	<input type="checkbox"/>
Vegetation Type (s)	<input type="checkbox"/>
Sea / Water Bodies	<input type="checkbox"/>
Natural Processes	<input type="checkbox"/>
Land Uses / Activities / Structure	<input type="checkbox"/>
Rating of Bio Physical Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

Perceptual / Aesthetic Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
2D Patterns (Composition) & 3D Spatial Structure	<input type="checkbox"/>
Vividness / Expressiveness / Legibility	<input type="checkbox"/>
Dynamic / Transient Values	<input type="checkbox"/>
Landmarks / Key Views	<input type="checkbox"/>
Coherence / Unity	<input type="checkbox"/>
Rating of Perceptual / Aesthetics Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

Associative Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
Naturalness / Endemic Value (distinctive NZ / West Coast Sense of Place)	<input type="checkbox"/>
Tangata Whenua Values / Associations	<input type="checkbox"/>
Historical / Heritage Associations	<input type="checkbox"/>
Rating of Perceptual / Aesthetics Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

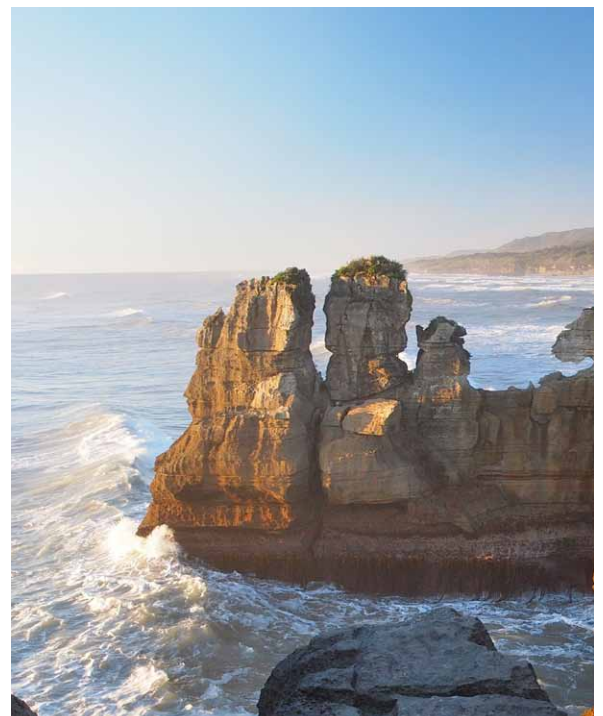
ONFL THRESHOLDS: (Overall Evaluation of Landscape Values in the context of the West Coast Region)



Key Attributes / Characteristics:

Sequence of distinct rock formations including Dolomite Point, Pancake Rock, and Razorback Point as well as adjoining cliff faces.

- Varied amalgam of raw and exposed landforms, rock stratification, blowholes, sheer cliffs, caves, and windswept vegetation impart a strong sense of naturalness.
- Striking interface with the Tasman Sea. Sheer cliffs plunge dramatically into the sea.
- Patterning of wind swept coastal forest and scrub across the rock formations along with pockets of lowland forest and stands of nikau reinforce the landscapes topography and exposure.
- Dramatic wave action, evident coastal erosion, and seasonal changes to atmospheric conditions are highly expressive and natural processes.
- This landscape as a whole is a landmark.



Kaipakati Point – Needle Point

Unit No: 46

Bio Physical Landscape Characteristics

Evaluation Factors:	Key Values: (Indication of key Bio-Physical values)
Landforms (Geomorphology / Geology / Terrain)	<input type="checkbox"/>
Vegetation Type (s)	<input type="checkbox"/>
Sea / Water Bodies	<input type="checkbox"/>
Natural Processes	<input type="checkbox"/>
Land Uses / Activities / Structure	<input type="checkbox"/>
Rating of Bio Physical Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

Perceptual / Aesthetic Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
2D Patterns (Composition) & 3D Spatial Structure	<input type="checkbox"/>
Vividness / Expressiveness / Legibility	<input type="checkbox"/>
Dynamic / Transient Values	<input type="checkbox"/>
Landmarks / Key Views	<input type="checkbox"/>
Coherence / Unity	<input type="checkbox"/>
Rating of Perceptual / Aesthetics Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

Associative Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
Naturalness / Endemic Value (distinctive NZ / West Coast Sense of Place)	<input type="checkbox"/>
Tangata Whenua Values / Associations	<input type="checkbox"/>
Historical / Heritage Associations	<input type="checkbox"/>
Rating of Perceptual / Aesthetics Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

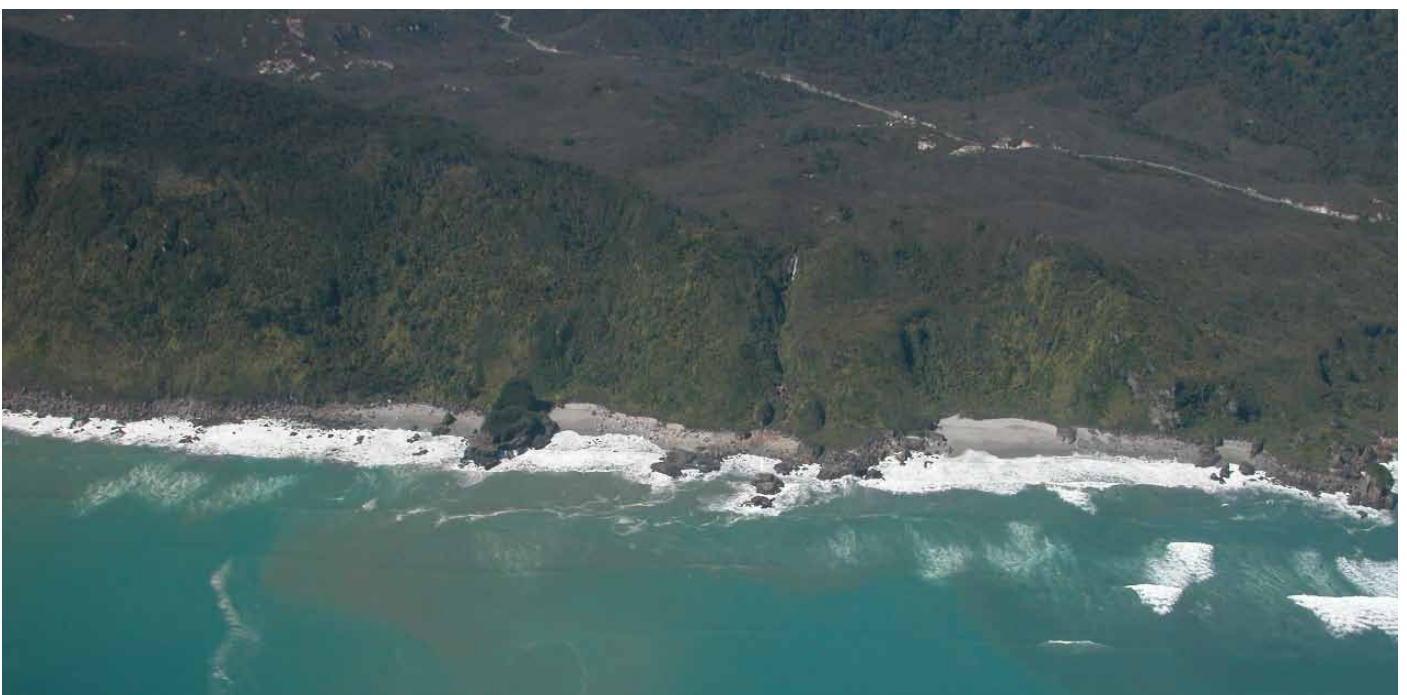
ONFL THRESHOLDS: (Overall Evaluation of Landscape Values in the context of the West Coast Region)



Key Attributes / Characteristics:

Sequence of coastal bluffs, escarpments, craggy headlands & points with a rocky and stony shoreline interspersed by rock shoals, outcrops, and islands.

- Dramatic interaction of the landscape with the Tasman Sea with its steep escarpments and continuous coastal forest cover providing a consistent patterning to this exposed landscape.
- Sheer cliffs and steep slopes plunge dramatically into the Tasman Sea.
- Patterning of wind swept coastal forest, stands of nikau and scrub across coastal slopes reinforce the landscapes topography and exposure.
- Dramatic wave action, evident coastal erosion, and seasonal changes to atmospheric conditions are highly expressive and natural processes.
- Seal Island, Fox, Four Mile River mouths are key landmarks within this landscape.



Charleston coastline

Unit No: 47

Bio Physical Landscape Characteristics

Evaluation Factors:	Key Values: (Indication of key Bio-Physical values)
Landforms (Geomorphology / Geology / Terrain)	<input type="checkbox"/>
Vegetation Type (s)	<input type="checkbox"/>
Sea / Water Bodies	<input type="checkbox"/>
Natural Processes	<input type="checkbox"/>
Land Uses / Activities / Structure	<input type="checkbox"/>
Rating of Bio Physical Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>

LowHigh

Perceptual / Aesthetic Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
2D Patterns (Composition) & 3D Spatial Structure	<input type="checkbox"/>
Vividness / Expressiveness / Legibility	<input type="checkbox"/>
Dynamic / Transient Values	<input type="checkbox"/>
Landmarks / Key Views	<input type="checkbox"/>
Coherence / Unity	<input type="checkbox"/>
Rating of Perceptual / Aesthetics Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>

LowHigh

Associative Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
Naturalness / Endemic Value (distinctive NZ / West Coast Sense of Place)	<input type="checkbox"/>
Tangata Whenua Values / Associations	<input type="checkbox"/>
Historical / Heritage Associations	<input type="checkbox"/>
Rating of Perceptual / Aesthetics Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>

LowHigh

ONFL THRESHOLDS: (Overall Evaluation of Landscape Values in the context of the West Coast Region)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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OUTSTANDING

Key Attributes / Characteristics:

Assemblage of craggy headlands & points with rock shoals, and outcrops that enclose several sandy bays and the Nile River mouth.

- Highly expressive of the interplay between the Nile River and the Tasman Sea. The tidal rhythm of the Tasman Sea provides a counterpoint to the rivers natural variations of flow, clarity and flood cycles.
- Patterning of wind swept native coastal forest and scrub across the coastal slopes and headlands reinforce the landscapes topography and exposure.
- Dramatic wave action, evident coastal erosion, and seasonal changes to atmospheric conditions are highly expressive and natural processes.
- The amalgam of rawness of the landforms, vegetation and the prominence of the headlands provide a strong sense of naturalness despite the presence of nearby dwelling and development.
- The Nile River mouth and the headland between Constant & Joyce Bay are key landmarks within this landscape.



Ngakawau River Valley

Unit No: 51A (forms the coastal area of ONL 51)

Bio Physical Landscape Characteristics

Evaluation Factors:	Key Values: (Indication of key Bio-Physical values)
Landforms (Geomorphology / Geology / Terrain)	<input type="checkbox"/>
Vegetation Type (s)	<input type="checkbox"/>
Sea / Water Bodies	<input type="checkbox"/>
Natural Processes	<input type="checkbox"/>
Land Uses / Activities / Structure	<input type="checkbox"/>
Rating of Bio Physical Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

Perceptual / Aesthetic Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
2D Patterns (Composition) & 3D Spatial Structure	<input type="checkbox"/>
Vividness / Expressiveness / Legibility	<input type="checkbox"/>
Dynamic / Transient Values	<input type="checkbox"/>
Landmarks / Key Views	<input type="checkbox"/>
Coherence / Unity	<input type="checkbox"/>
Rating of Perceptual / Aesthetics Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

Associative Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
Naturalness / Endemic Value (distinctive NZ / West Coast Sense of Place)	<input type="checkbox"/>
Tangata Whenua Values / Associations	<input type="checkbox"/>
Historical / Heritage Associations	<input type="checkbox"/>
Rating of Perceptual / Aesthetics Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

ONFL THRESHOLDS: (Overall Evaluation of Landscape Values in the context of the West Coast Region)



Key Attributes / Characteristics:

A series of steep exposed slopes that rise toward Radcliffe Ridge, which form part of a wider ONL unit that includes the Ngakawau River valley.

- Patterning of mature wind swept coastal forest and scrub across the bluffs and slopes reinforces the topography and exposure.
- Extensive coverage of native forest.
- A strong sense of naturalness is primarily derived from the dramatic profile of the ridge, coverage of mature native vegetation, and the exposure and orientation toward the Tasman Sea.
- Evidence of erosion revealing underlying geology, rockfall, stream downcutting and flooding.
- The Ngakawau Gorge and the Radcliffe Ridge are key landmarks with this landscape.



Kongahu Point

Unit No: 53A (forms the coastal area of ONL 53)

Bio Physical Landscape Characteristics

Evaluation Factors:	Key Values: (Indication of key Bio-Physical values)
Landforms (Geomorphology / Geology / Terrain)	<input type="checkbox"/>
Vegetation Type (s)	<input type="checkbox"/>
Sea / Water Bodies	<input type="checkbox"/>
Natural Processes	<input type="checkbox"/>
Land Uses / Activities / Structure	<input type="checkbox"/>
Rating of Bio Physical Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

Perceptual / Aesthetic Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
2D Patterns (Composition) & 3D Spatial Structure	<input type="checkbox"/>
Vividness / Expressiveness / Legibility	<input type="checkbox"/>
Dynamic / Transient Values	<input type="checkbox"/>
Landmarks / Key Views	<input type="checkbox"/>
Coherence / Unity	<input type="checkbox"/>
Rating of Perceptual / Aesthetics Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

Associative Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
Naturalness / Endemic Value (distinctive NZ / West Coast Sense of Place)	<input type="checkbox"/>
Tangata Whenua Values / Associations	<input type="checkbox"/>
Historical / Heritage Associations	<input type="checkbox"/>
Rating of Perceptual / Aesthetics Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

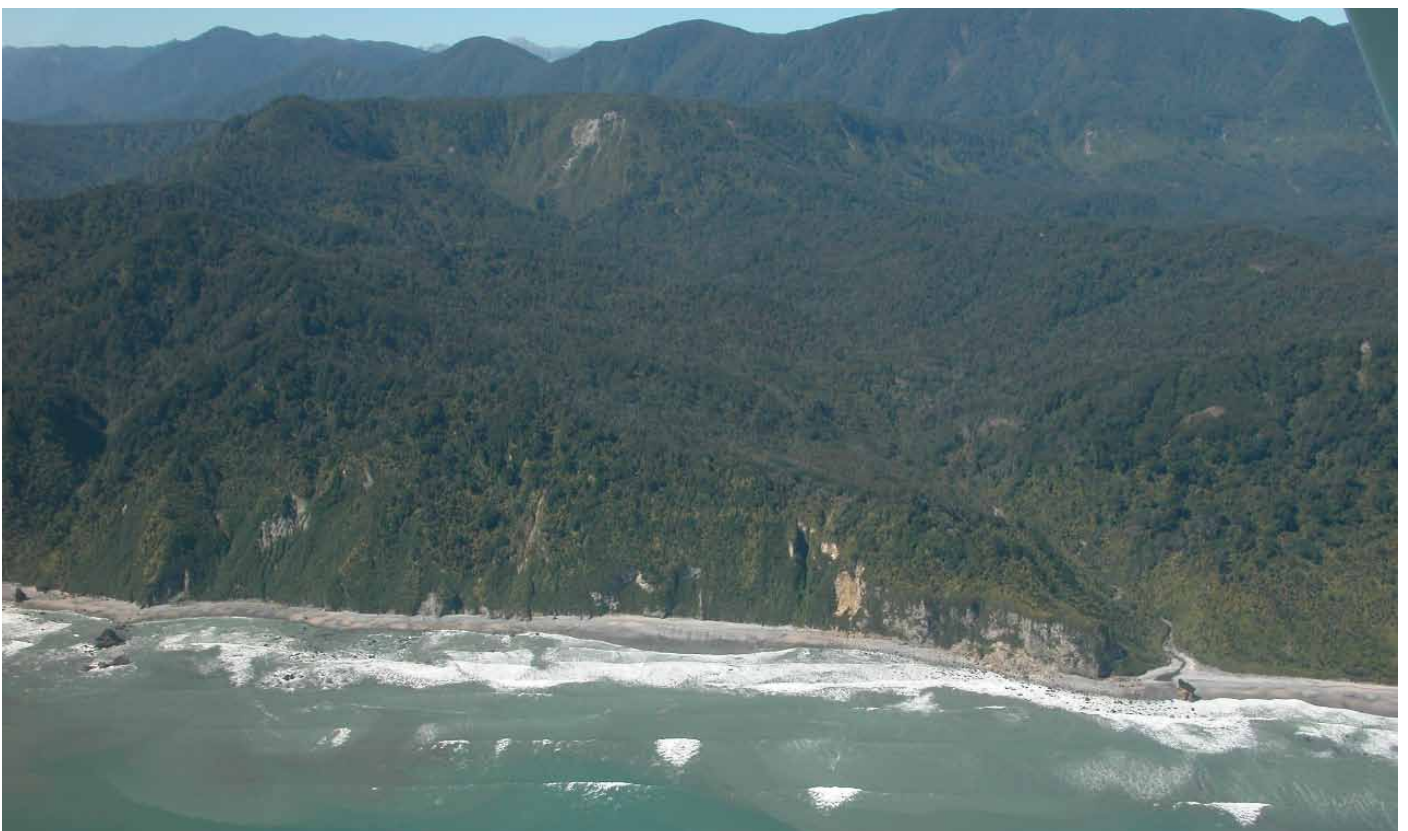
ONFL THRESHOLDS: (Overall Evaluation of Landscape Values in the context of the West Coast Region)



Key Attributes / Characteristics:

Sequence of bluffs and steep coastal slopes backed by rugged hill country and a series of broad basins. Forms the coastal edge as part of a wider ONL unit extending inland toward the Radiant Range.

- Successional vegetation and regeneration of native forest gives way to scrubland and windswept vegetation along exposed ridgetops and coastal faces – patterning of vegetation and across the bluffs and slopes reinforces the topography and exposure.
- Amalgam of raw and exposed coastal landforms, strong elevated relief, windswept vegetation which impart a strong sense of naturalness.
- Well defined basins enclosed by a series of steep ranges and bluffs.
- Continuous mature native forest comprising stands of matai and northern rata.
- Karamea Bluff, Kongahu Point and the Radiant Range are key / representative landmarks with this landscape unit.



Fenian, Stormy & Radiant Ranges
 Unit No: 54A (forms the coastal area of ONL 54)

Bio Physical Landscape Characteristics

Evaluation Factors:	Key Values: (Indication of key Bio-Physical values)
Landforms (Geomorphology / Geology / Terrain)	<input type="checkbox"/>
Vegetation Type (s)	<input type="checkbox"/>
Sea / Water Bodies	<input type="checkbox"/>
Natural Processes	<input type="checkbox"/>
Land Uses / Activities / Structure	<input type="checkbox"/>
Rating of Bio Physical Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

Perceptual / Aesthetic Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
2D Patterns (Composition) & 3D Spatial Structure	<input type="checkbox"/>
Vividness / Expressiveness / Legibility	<input type="checkbox"/>
Dynamic / Transient Values	<input type="checkbox"/>
Landmarks / Key Views	<input type="checkbox"/>
Coherence / Unity	<input type="checkbox"/>
Rating of Perceptual / Aesthetics Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

Associative Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
Naturalness / Endemic Value (distinctive NZ / West Coast Sense of Place)	<input type="checkbox"/>
Tangata Whenua Values / Associations	<input type="checkbox"/>
Historical / Heritage Associations	<input type="checkbox"/>
Rating of Perceptual / Aesthetics Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

ONFL THRESHOLDS: (Overall Evaluation of Landscape Values in the context of the West Coast Region)



Key Attributes / Characteristics:

Assemblage of north-east to south-west orientated ranges and dissected hillcountry and stream corridors with extensive native forest that contrast with the low lying pastoral farmland. Forms part of a wider ONL unit that encompasses the Fenian, Stormy and Radiant Ranges.

- Mature native coastal forest cover giving way to scrubland and windswept vegetation along exposed ridgetops and coastal faces – patterning of vegetation and across the slopes reinforces the topography and exposure.
- Coastal derived landforms with indigenous vegetation patterns and pasture reinforcing the dramatic topography. Sequence of ridgelines of similar orientation, elevation and vegetation cover.
- Combination of rugged, dramatic and unmodified landforms, mature forest cover, exposure and orientation toward the Tasman Sea imbue a strong sense of naturalness.



Kohaihai Bluff – Kahurangi Point

Unit No: 55

Bio Physical Landscape Characteristics

Evaluation Factors:	Key Values: (Indication of key Bio-Physical values)
Landforms (Geomorphology / Geology / Terrain)	<input type="checkbox"/>
Vegetation Type (s)	<input type="checkbox"/>
Sea / Water Bodies	<input type="checkbox"/>
Natural Processes	<input type="checkbox"/>
Land Uses / Activities / Structure	<input type="checkbox"/>
Rating of Bio Physical Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

Perceptual / Aesthetic Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
2D Patterns (Composition) & 3D Spatial Structure	<input type="checkbox"/>
Vividness / Expressiveness / Legibility	<input type="checkbox"/>
Dynamic / Transient Values	<input type="checkbox"/>
Landmarks / Key Views	<input type="checkbox"/>
Coherence / Unity	<input type="checkbox"/>
Rating of Perceptual / Aesthetics Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

Associative Values

Evaluation Factors:	Key Values: (Indication of key Perceptual values)
Naturalness / Endemic Value (distinctive NZ / West Coast Sense of Place)	<input type="checkbox"/>
Tangata Whenua Values / Associations	<input type="checkbox"/>
Historical / Heritage Associations	<input type="checkbox"/>
Rating of Perceptual / Aesthetics Values:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

LowHigh

ONFL THRESHOLDS: (Overall Evaluation of Landscape Values in the context of the West Coast Region)

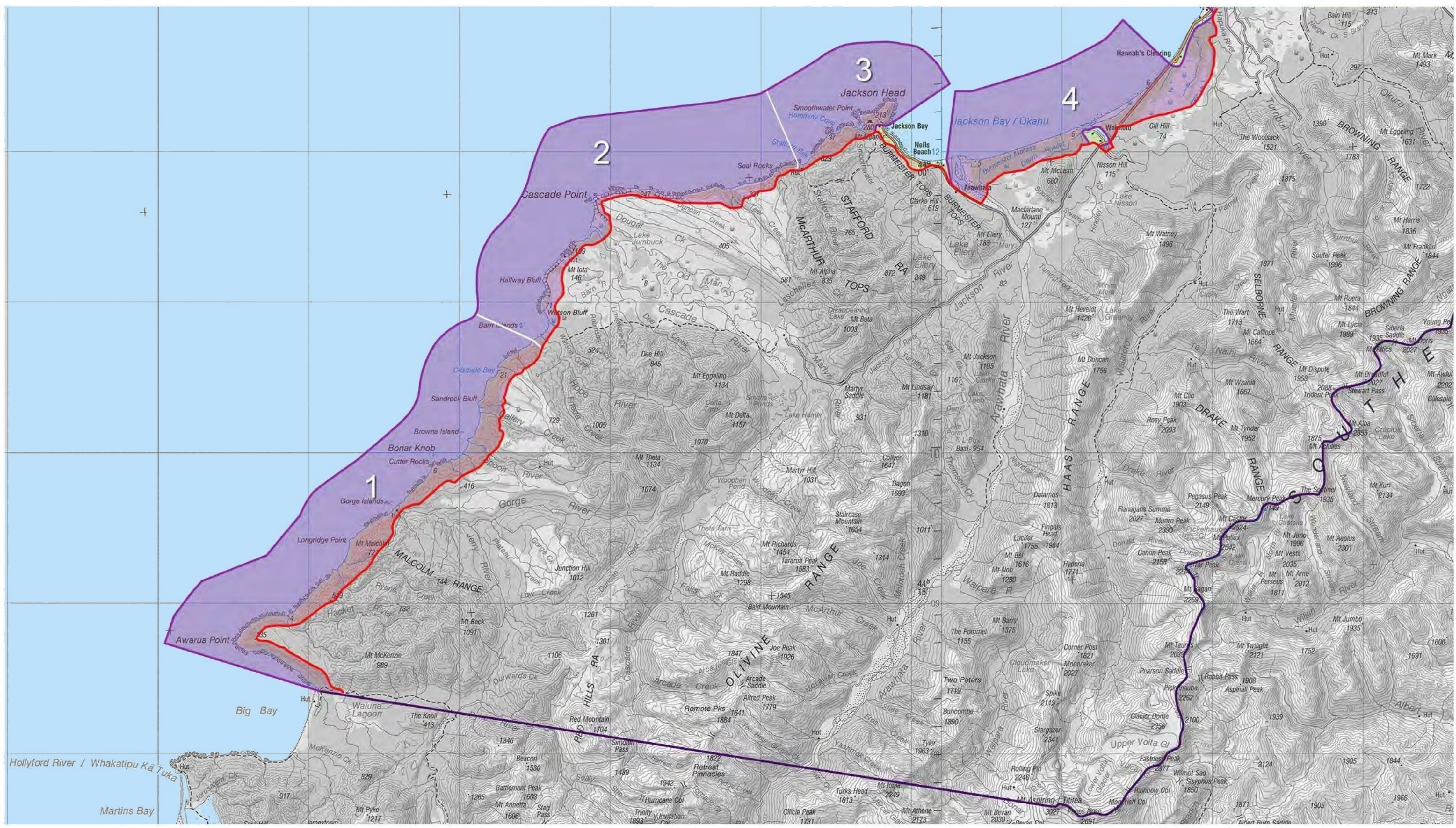


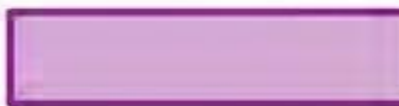

Key Attributes / Characteristics:

Sequence of coastal ranges, cliffs and headlands with strong elevated relief and a series of rocky shoal, outcrops, islets, bluffs, broad beaches, dunefields and lagoons along its shoreline.

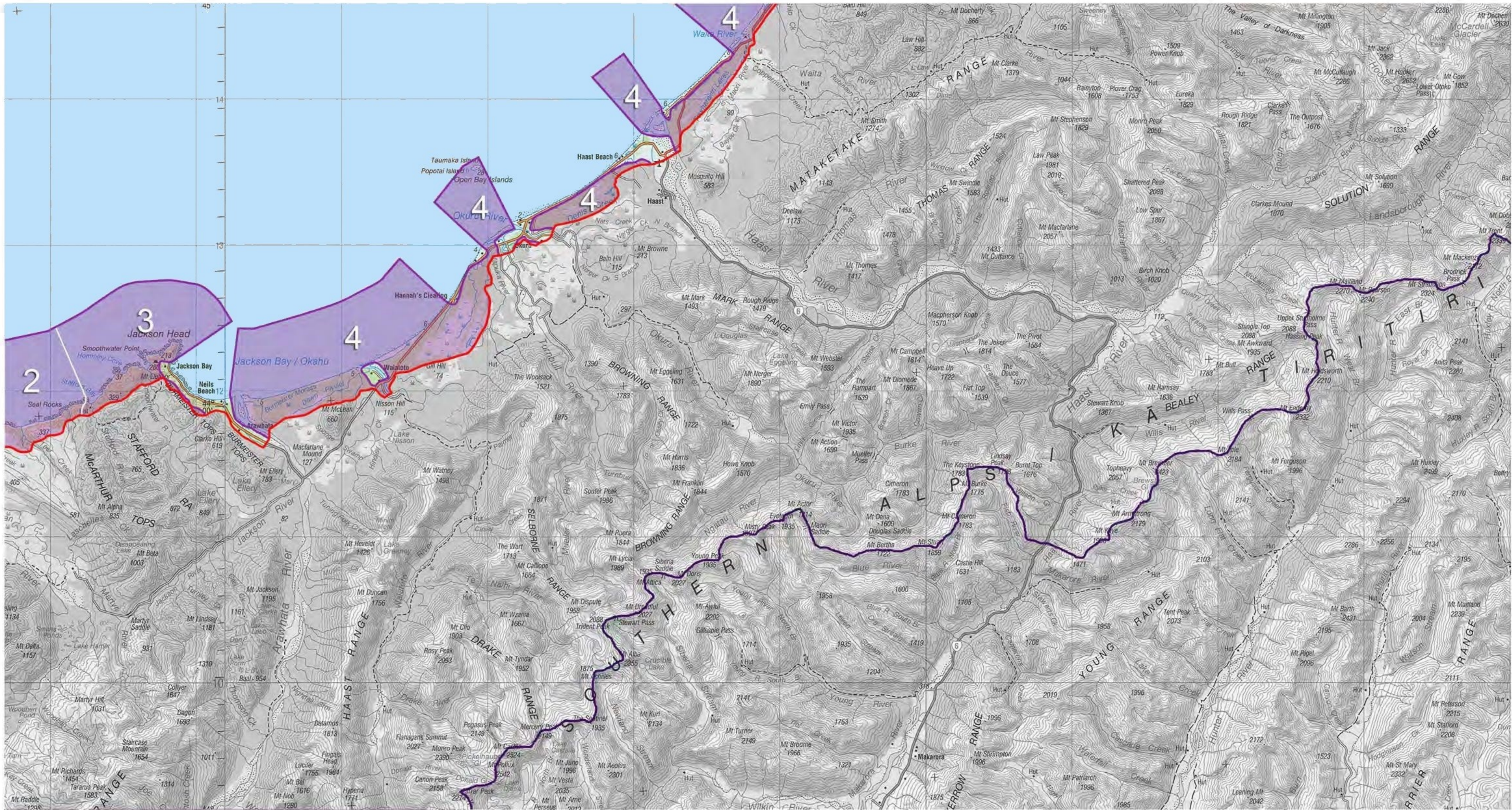
- Continuous mature coastal forest with a distinctive abundance of nikau groves and rata.
- Unmodified coastal landforms – interplay of indigenous forest with regenerating shrublands and exposed slopes reinforce areas of coastal erosion, river and stream entrenchment, and exposure to the Tasman Sea.
- The dramatic interaction of the landscape with the Tasman Sea and its continuous vegetation cover provide a consistent patterning to this exposed landscape.
- Kahurangi Point, Heaphy Bluff, Heaphy River, Kohaihai Bluff and Wekakura Point are key / representative landmarks within this landscape.







 OUTSTANDING NATURAL LANDSCAPES
 INLAND BOUNDARY OF COASTAL ENVIRONMENT

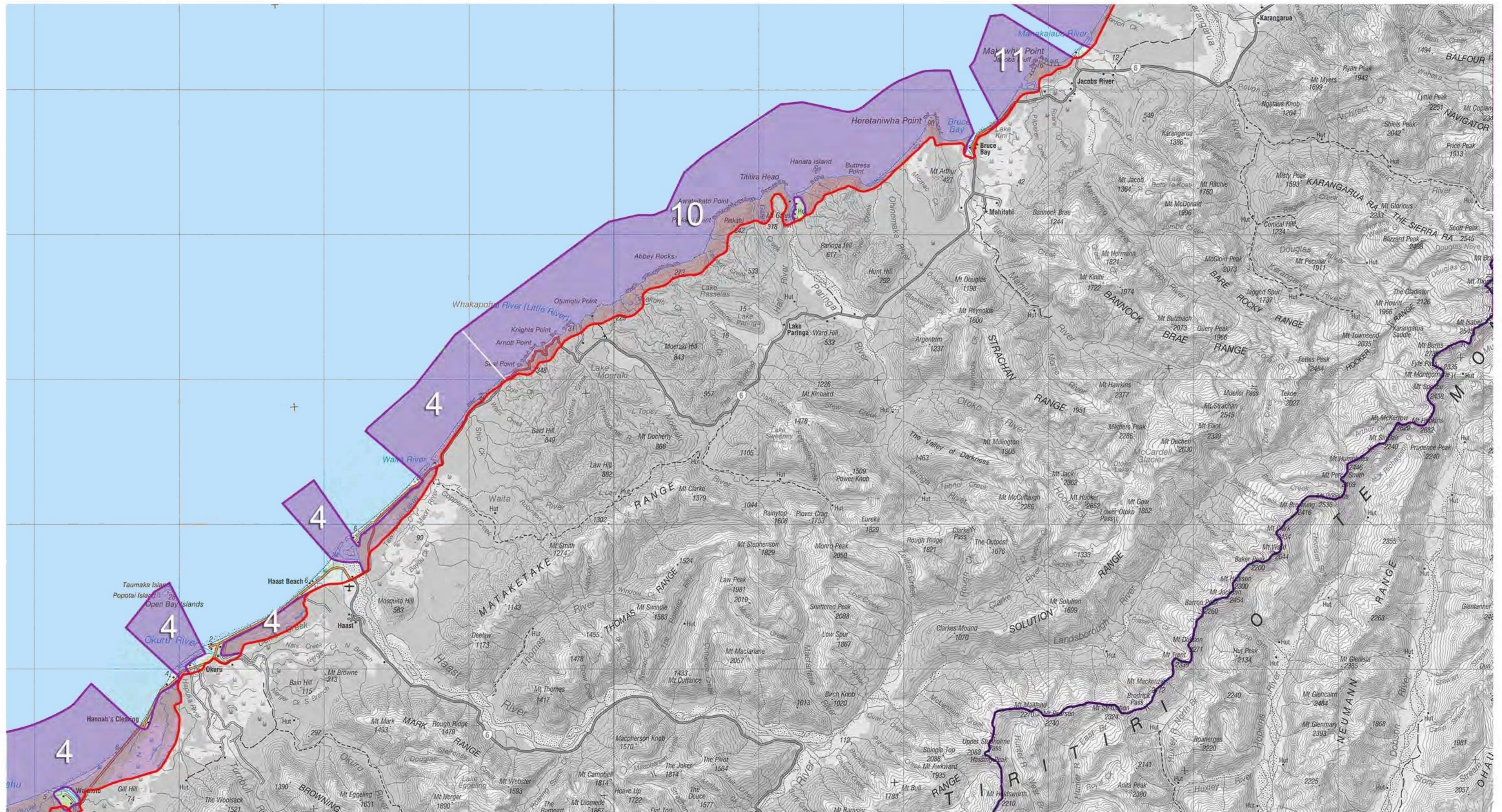
COASTAL OUTSTANDING NATURAL LANDSCAPES / FEATURES
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 OUTSTANDING NATURAL LANDSCAPES
 INLAND BOUNDARY OF COASTAL ENVIRONMENT

COASTAL OUTSTANDING NATURAL LANDSCAPES / FEATURES

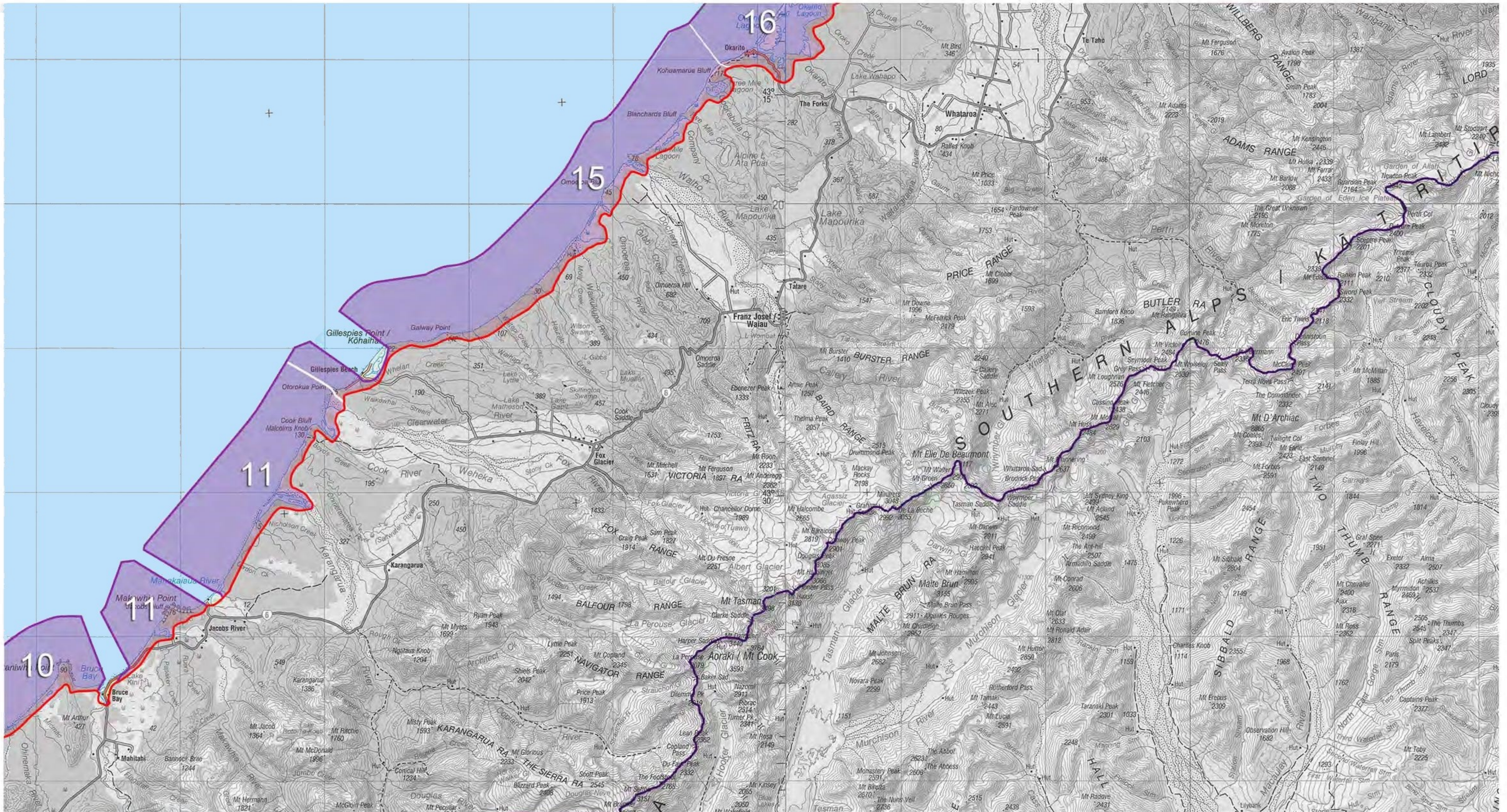
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 OUTSTANDING NATURAL LANDSCAPES
 INLAND BOUNDARY OF COASTAL ENVIRONMENT

COASTAL OUTSTANDING NATURAL LANDSCAPES / FEATURES

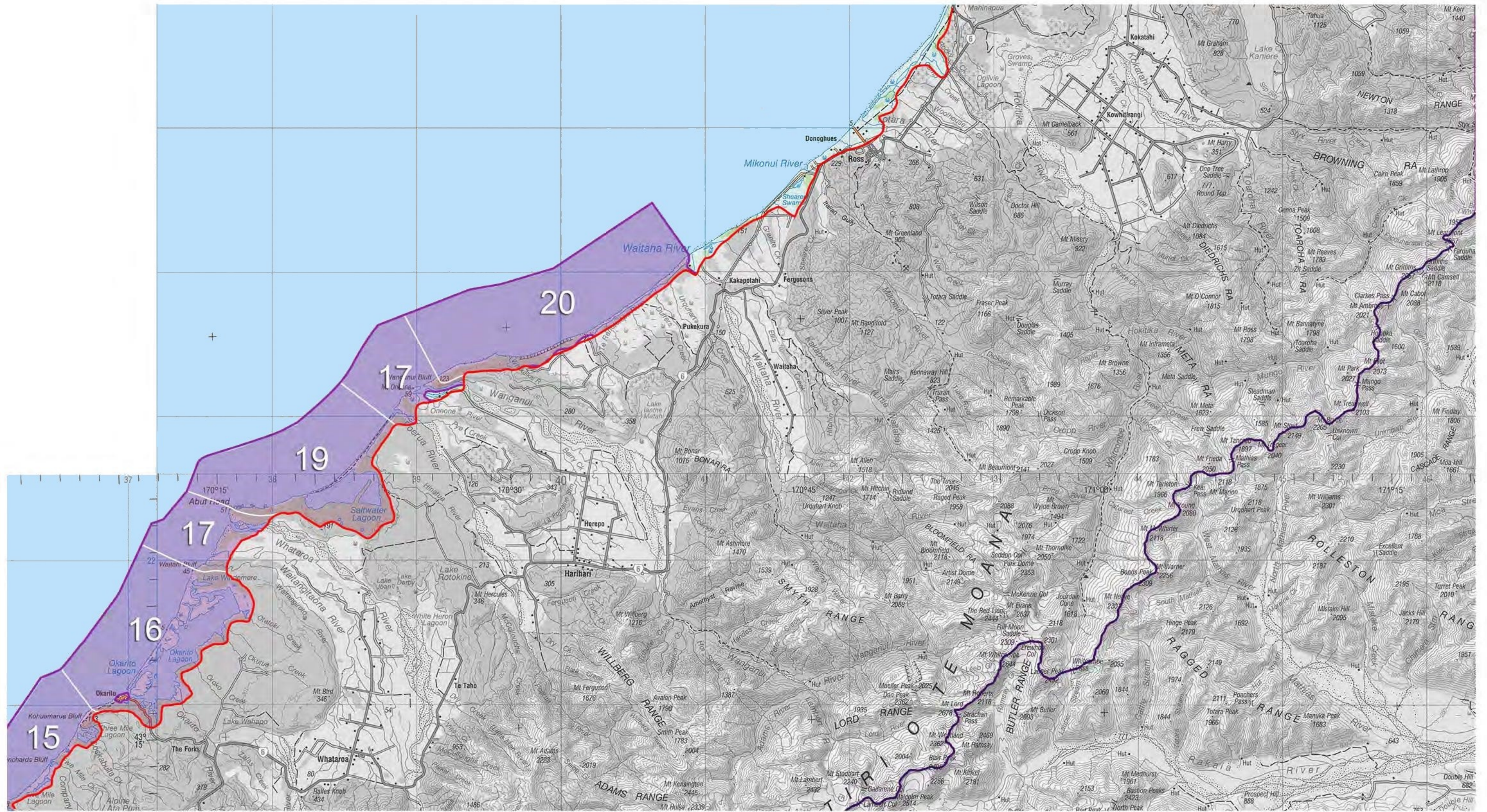
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 INLAND BOUNDARY OF COASTAL ENVIRONMENT

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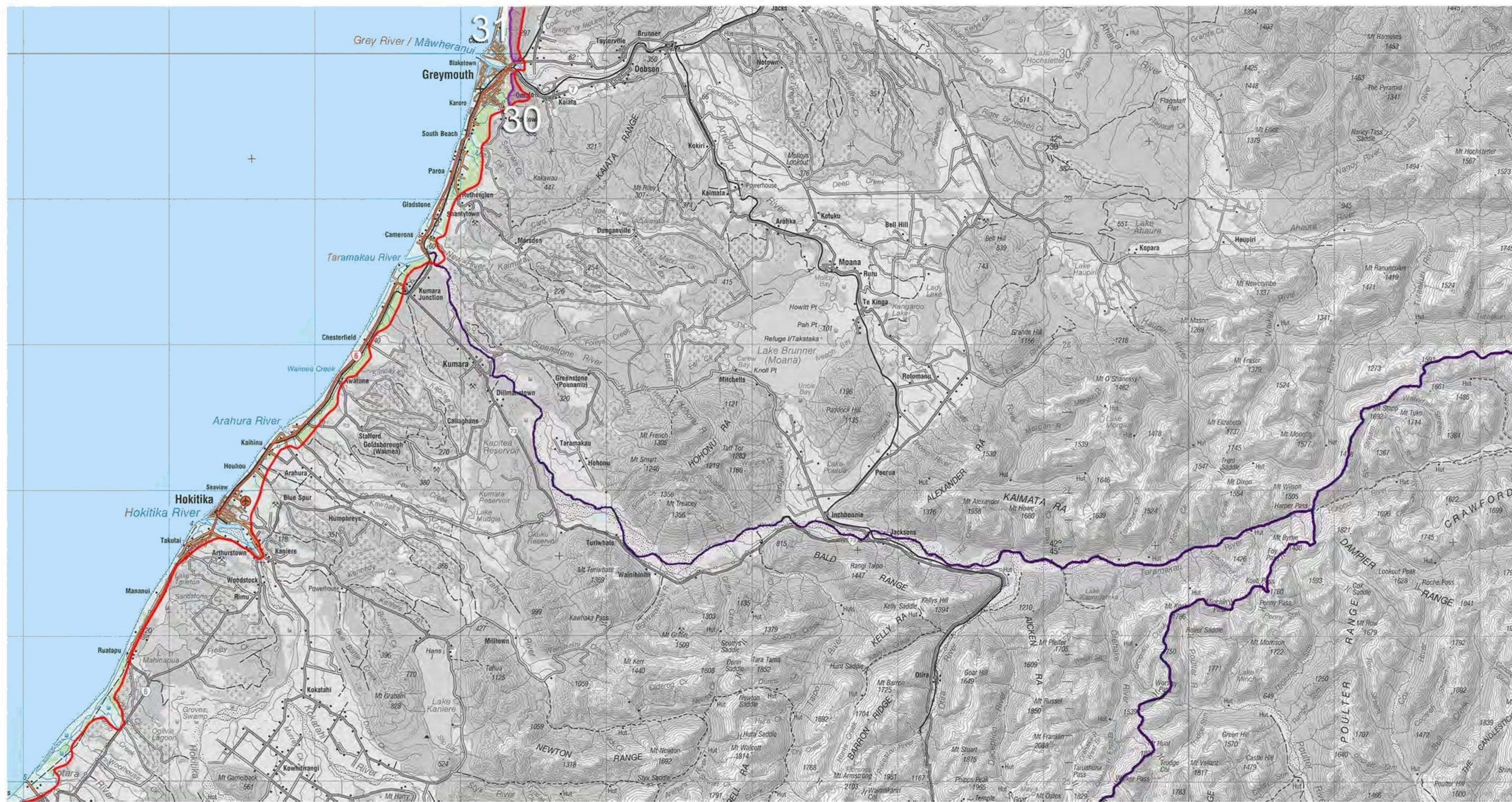
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 INLAND BOUNDARY OF COASTAL ENVIRONMENT

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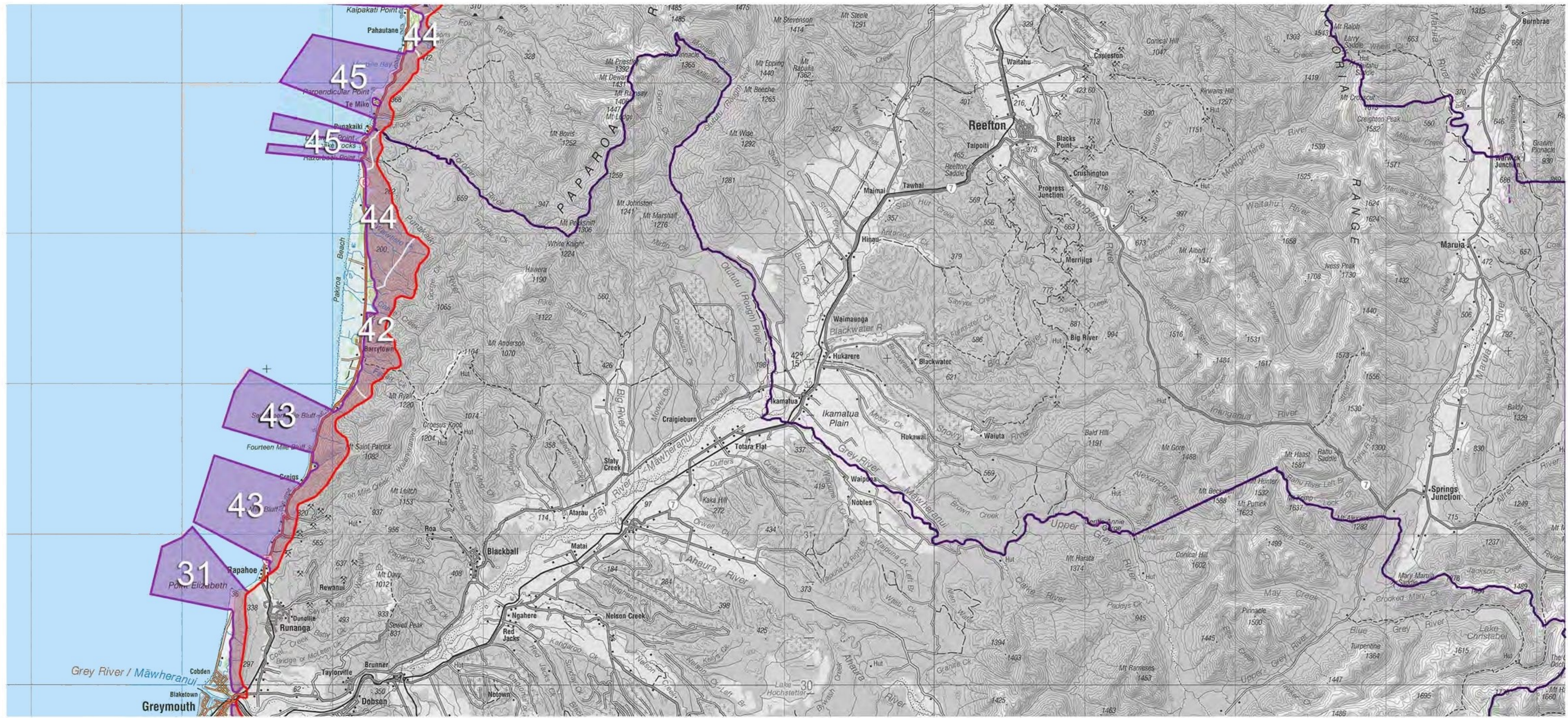
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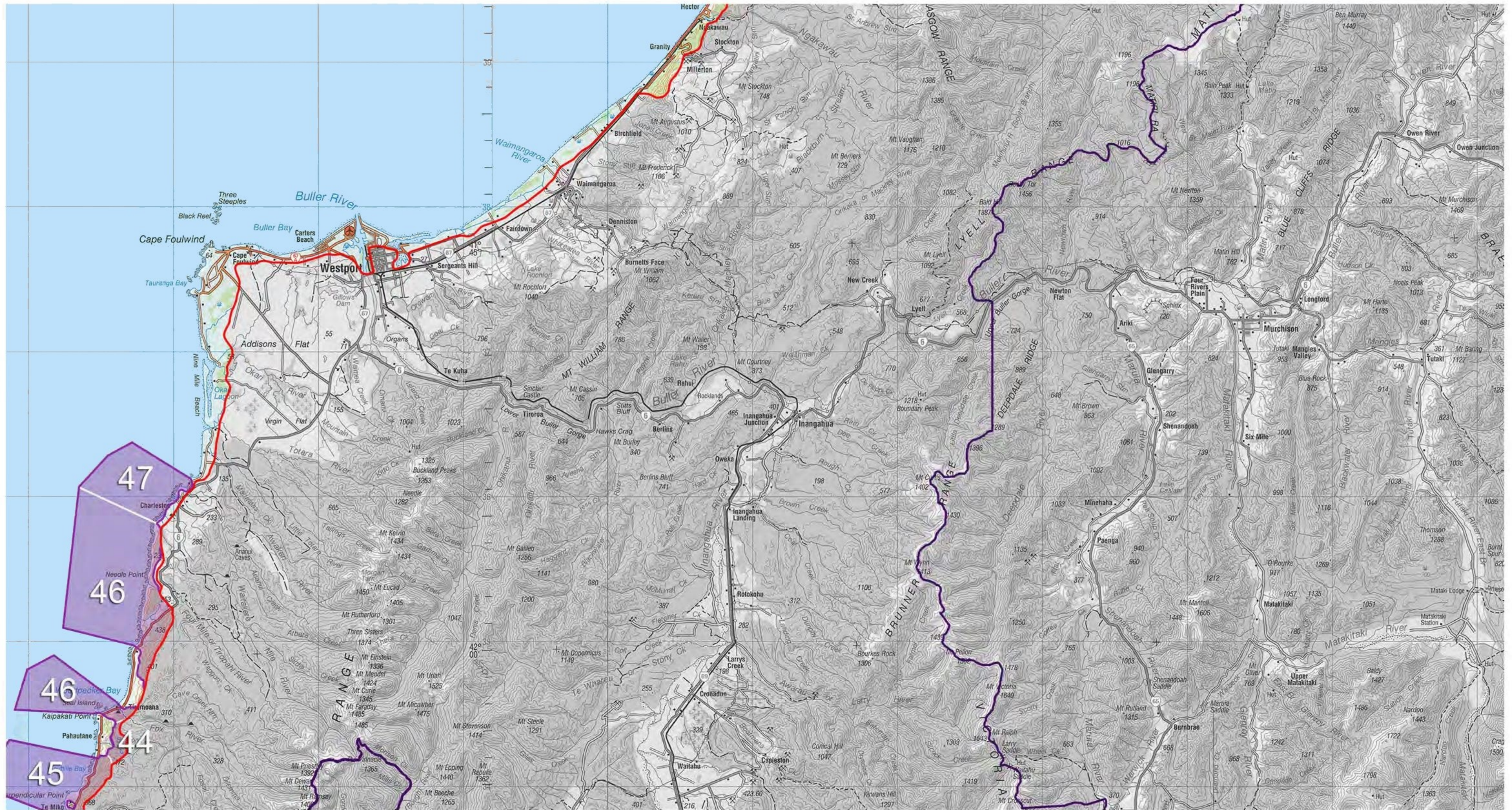
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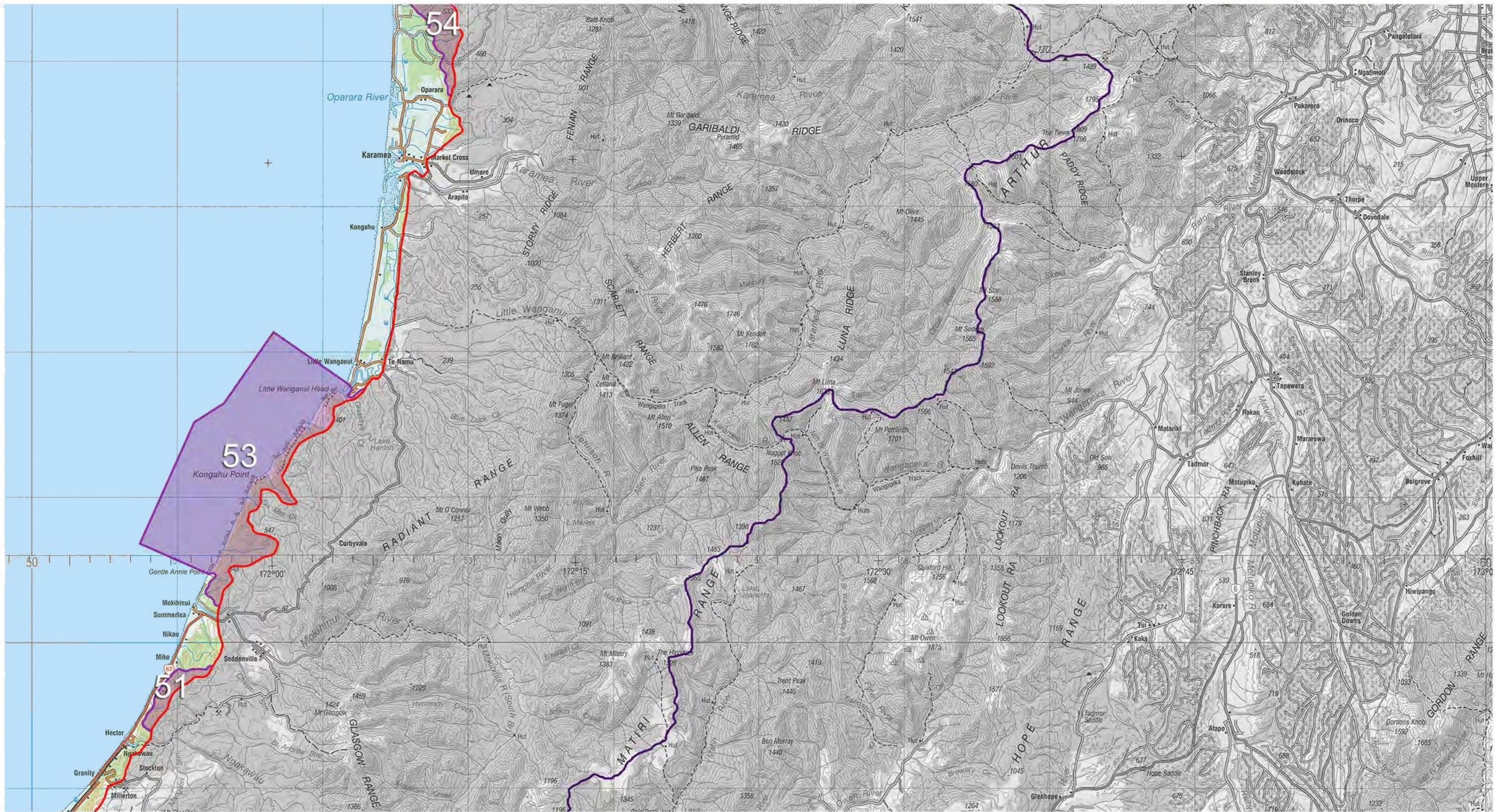
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 INLAND BOUNDARY OF COASTAL ENVIRONMENT

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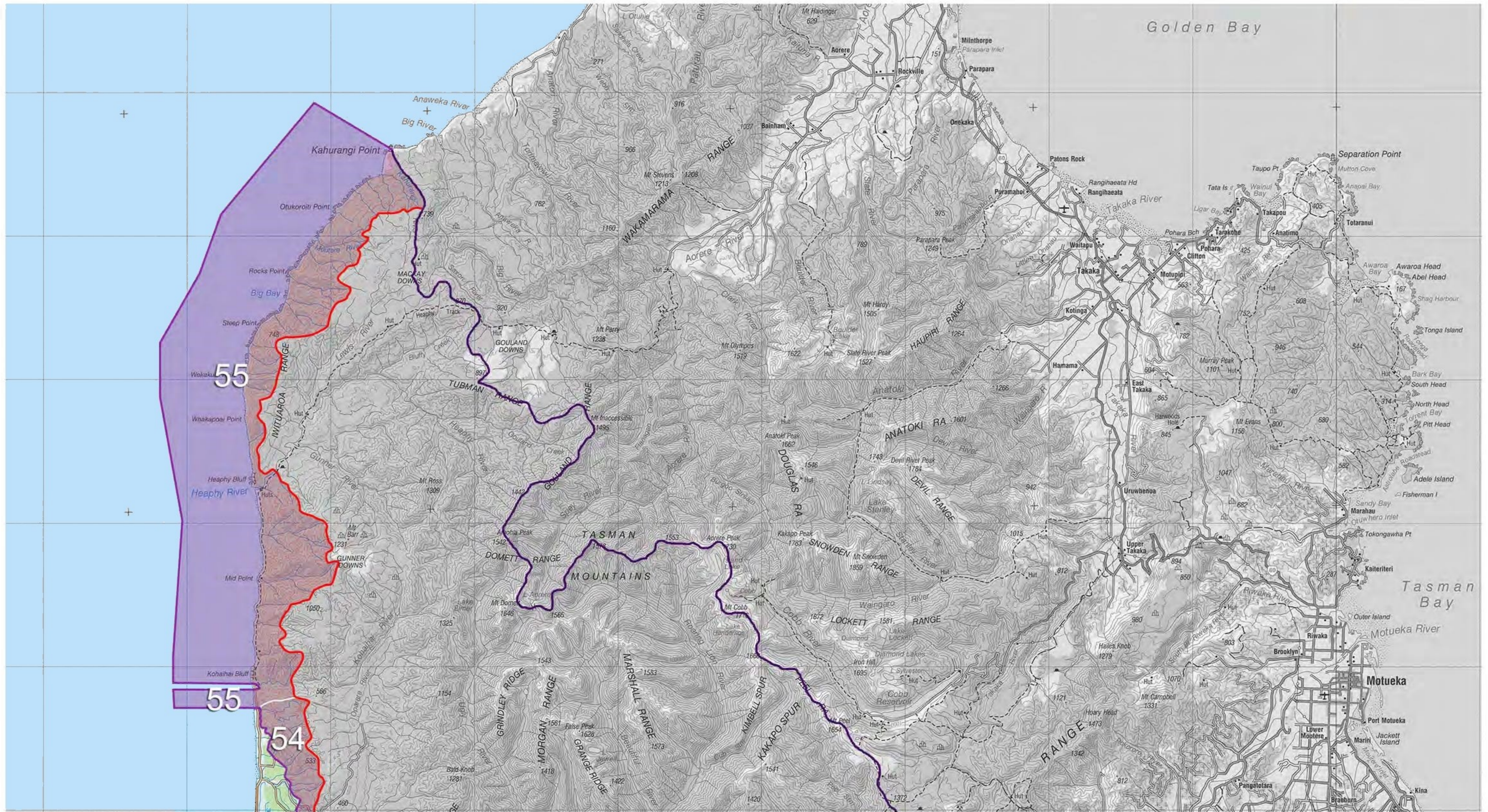
OUTSTANDING NATURAL LANDSCAPES





INLAND BOUNDARY OF COASTAL ENVIRONMENT

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