

# PROPOSED MANAPOURI LAKE CONTROL IMPROVEMENT PROJECT

## LANDSCAPE EFFECTS ASSESSMENT GRAPHIC SUPPLEMENT

NOVEMBER 2023





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Eagle Technology, Land Information New Zealand, GEBCO, Community maps contributors

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Data Sources:  
LINZ Data Service, Eagle Technologies, and Southland District Council.  
Projection: NZGD 2000 New Zealand Transverse Mercator



LEGEND

- Property Boundary
- Cadastre
- Roads
- Rivers
- Outstanding Natural Feature/Landscape
- Fjordland Rakiura
- Rural

**PROPOSED MANAPOURI LAKE CONTROL IMPROVEMENT PROJECT**

Site Context

Date: 13 December 2022 | Revision: 0

Plan prepared for Meridian Energy by Boffa Miskell Limited

Project Manager: Rhys.Girvan@boffamiskell.co.nz | Drawn: HWI | Checked: RGI

Figure 1



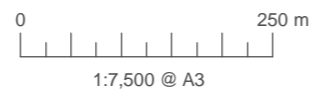
Eagle Technology, Land Information New Zealand

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Data Sources:  
LINZ Data Service, and Eagle Technologies.

Projection: NZGD 2000 New Zealand Transverse Mercator



- LEGEND**
- Property Boundary
  - Gravel Stockpile Cell
  - Excavation Footprint
  - Spoil Disposal Area
  - ↘ Site Appraisal Photographs A - D

**PROPOSED MANAPOURI LAKE CONTROL IMPROVEMENT PROJECT**

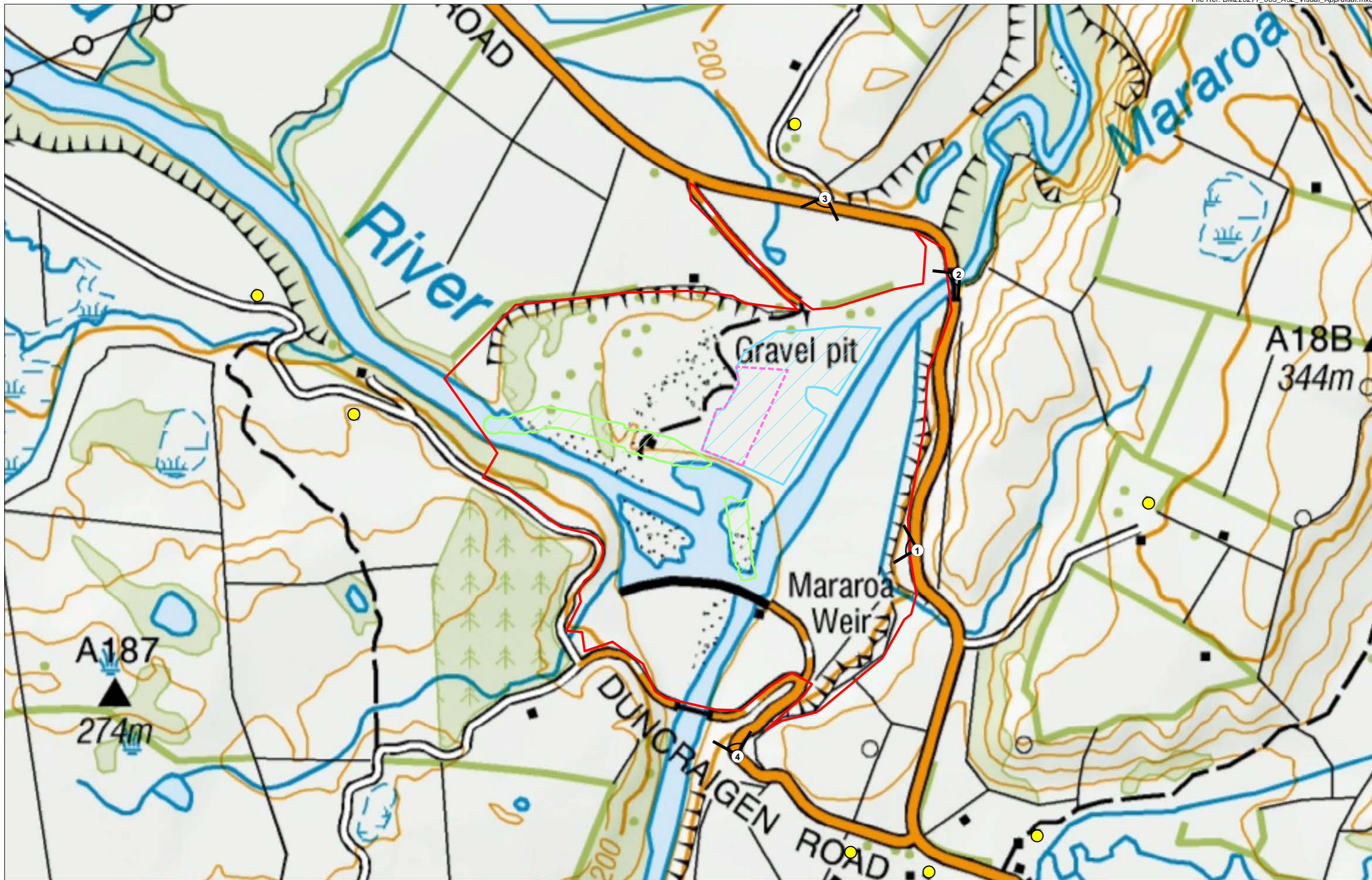
Site Appraisal

Date: 24 October 2023 | Revision: 1

Plan prepared for Meridian Energy by Boffa Miskell Limited

Project Manager: Rhys.Girvan@boffamiskell.co.nz | Drawn: HWI | Checked: RGI

**Figure 2**





Site Appraisal Photograph A: View looking west towards Lake Manapouri.



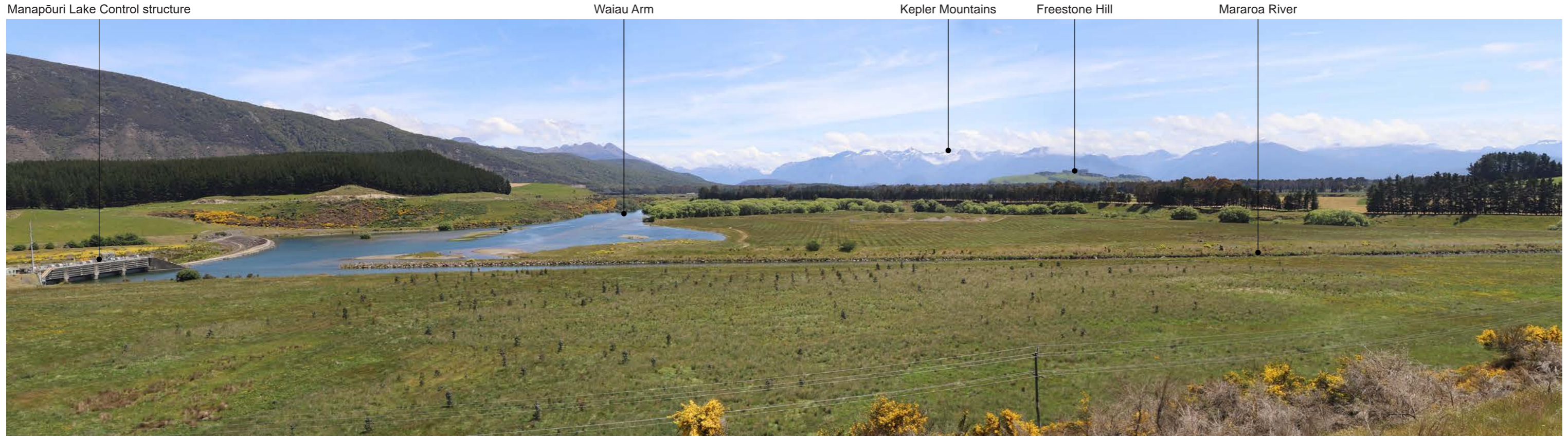
Site Appraisal Photograph B: View from top of scarp looking south towards Manapouri Lake Control structure.



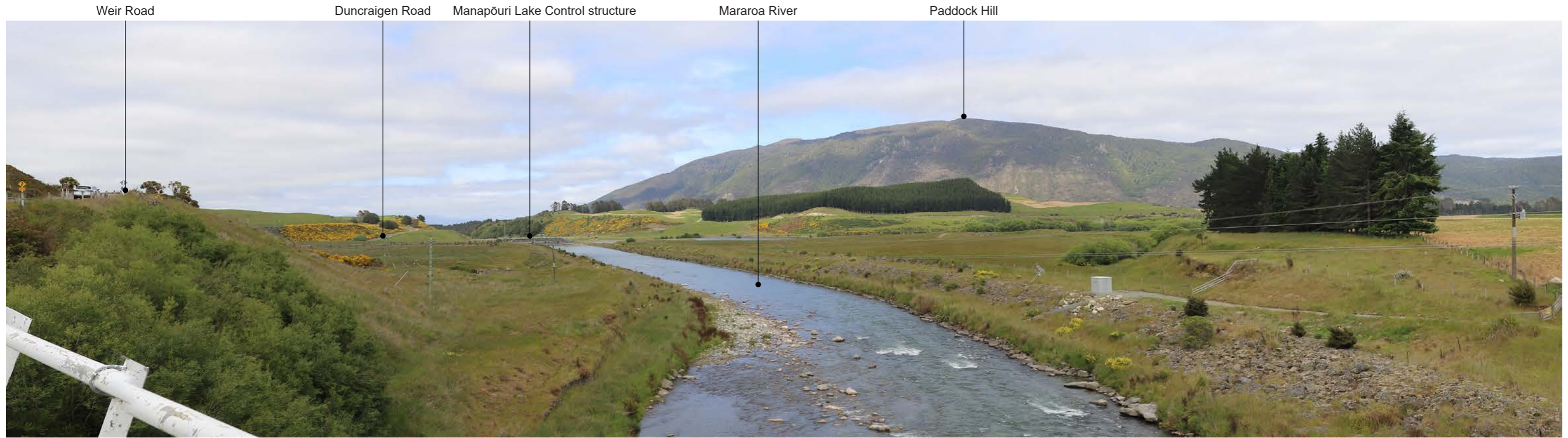
Site Appraisal Photograph C: View looking north from the Manapouri Lake Control structure.



Site Appraisal Photograph D: View looking south-east along Waiau Arm towards the confluence with the Mararoa River.



Visual Appraisal Photograph 1: View from Weir Road Scenic Lookout.



Visual Appraisal Photograph 2: View from Weir Road Bridge across the Mararoa River.





Manapōuri Lake Control structure

Paddock Hill

Visual Appraisal Photograph 3: View from Weir Road looking south towards Site.



Access to Duncraigen Farm

Waiiau Arm

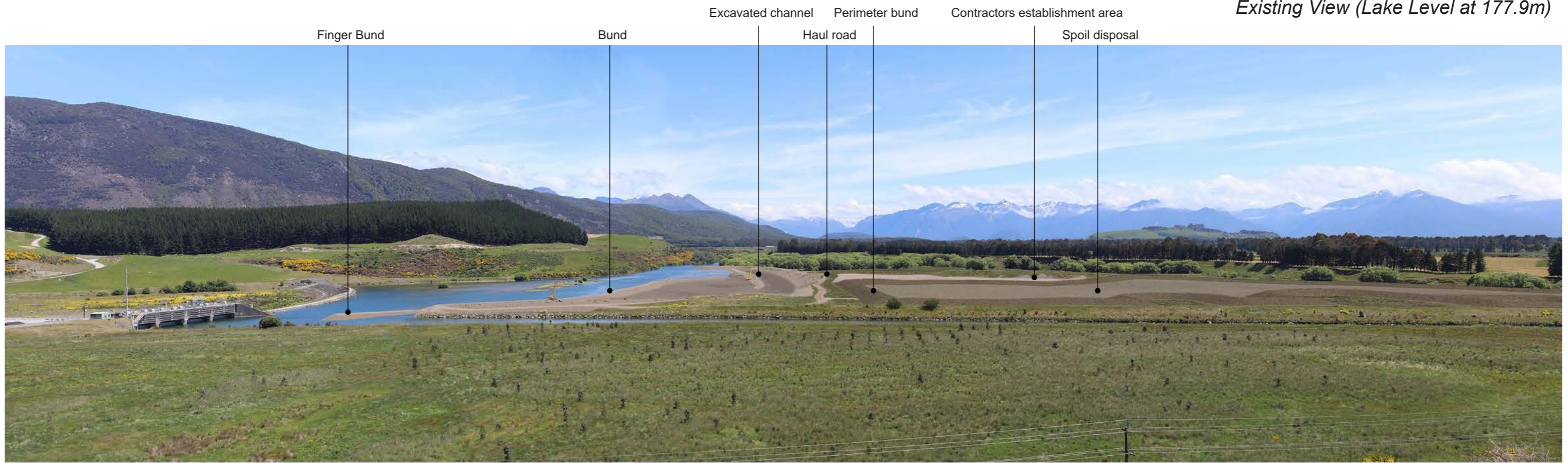
Manapōuri Lake Control structure

Mararoa River

Visual Appraisal Photograph 4: View from Duncraigen Road looking north towards Manapōuri Lake Control structure.



Existing View (Lake Level at 177.9m)



Proposed View During Construction



*Existing View (Lake Level at 177.9m)*



*Proposed View at Completion - Before Gravel Extraction*



*Proposed View at Completion - During Gravel Extraction*



*Proposed View at Completion - After Gravel Extraction*



Existing View (Lake level at 177.9m)



*Proposed View at Completion (Lake level at 177.9m)*



Visual Simulation 1E - 1: After construction when water level is within the high operating range (179.5m).



Visual Simulation 1E - 2: After construction when water level is within the high operating range (179m).



Visual Simulation 1E - 3: After construction when water level is the same as the day of site visit (177.9m).



Visual Simulation 1E - 4: After construction when water level is within the main operating range (177.59m).





Visual Simulation 1E - 5: After construction when water level is within the low operating range (176.08m).



Visual Simulation 1E - 6: After construction when water level is within the low operating range (175.86m).

**About Boffa Miskell**

Boffa Miskell is a leading New Zealand professional services consultancy with offices in Auckland, Hamilton, Tauranga, Wellington, Christchurch, Dunedin and Queenstown. We work with a wide range of local and international private and public sector clients in the areas of planning, urban design, landscape architecture, landscape planning, ecology, biosecurity, cultural heritage, graphics and mapping. Over the past four decades we have built a reputation for professionalism, innovation and excellence. During this time we have been associated with a significant number of projects that have shaped New Zealand's environment.

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