

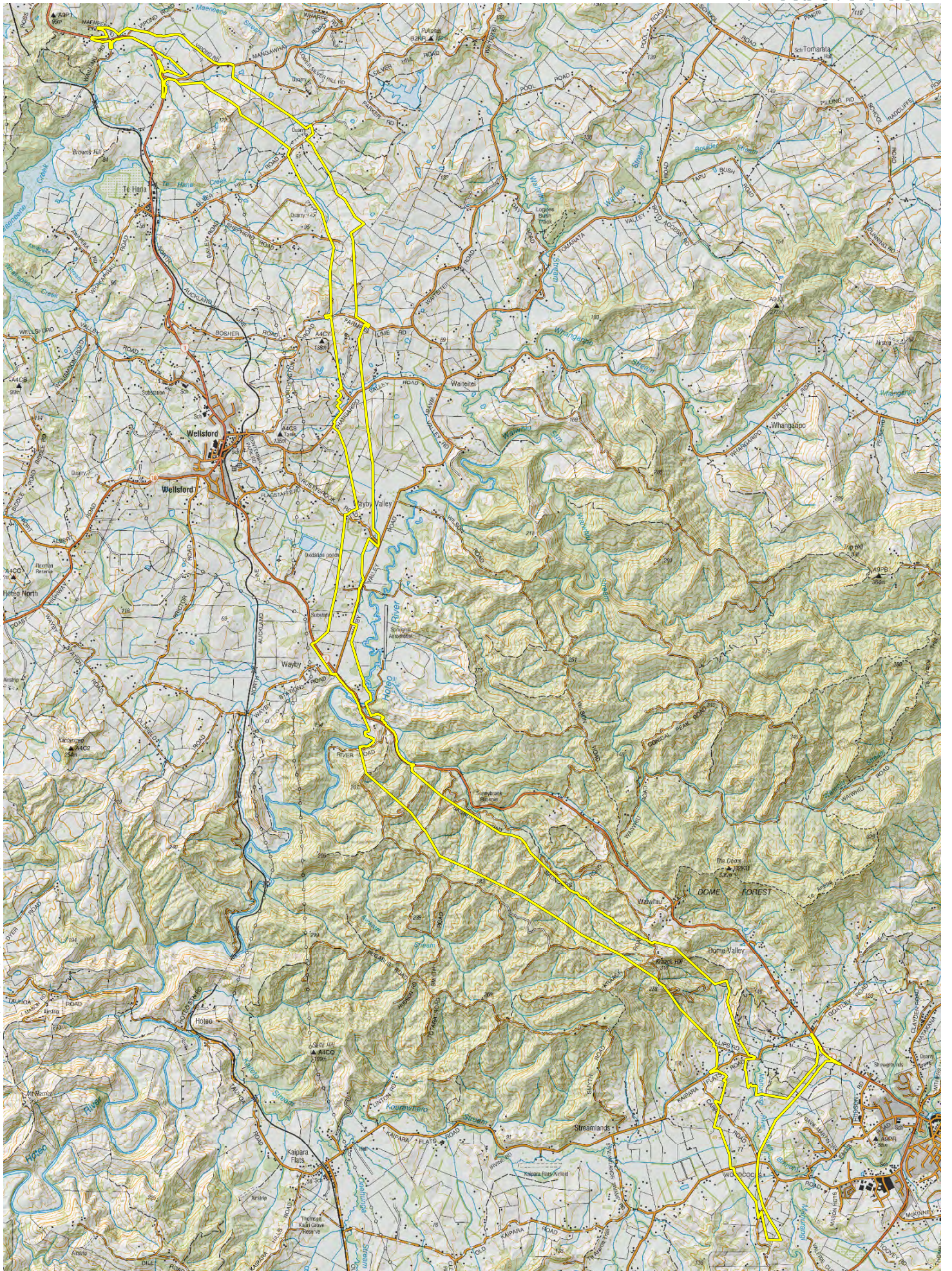
# APPENDIX A: LANDSCAPE AND VISUAL FIGURES

Figure LV1 to LV18, LV22, LV24, LV28 and LV31 are not to scale (generated at A3 and reported below at A4 size).

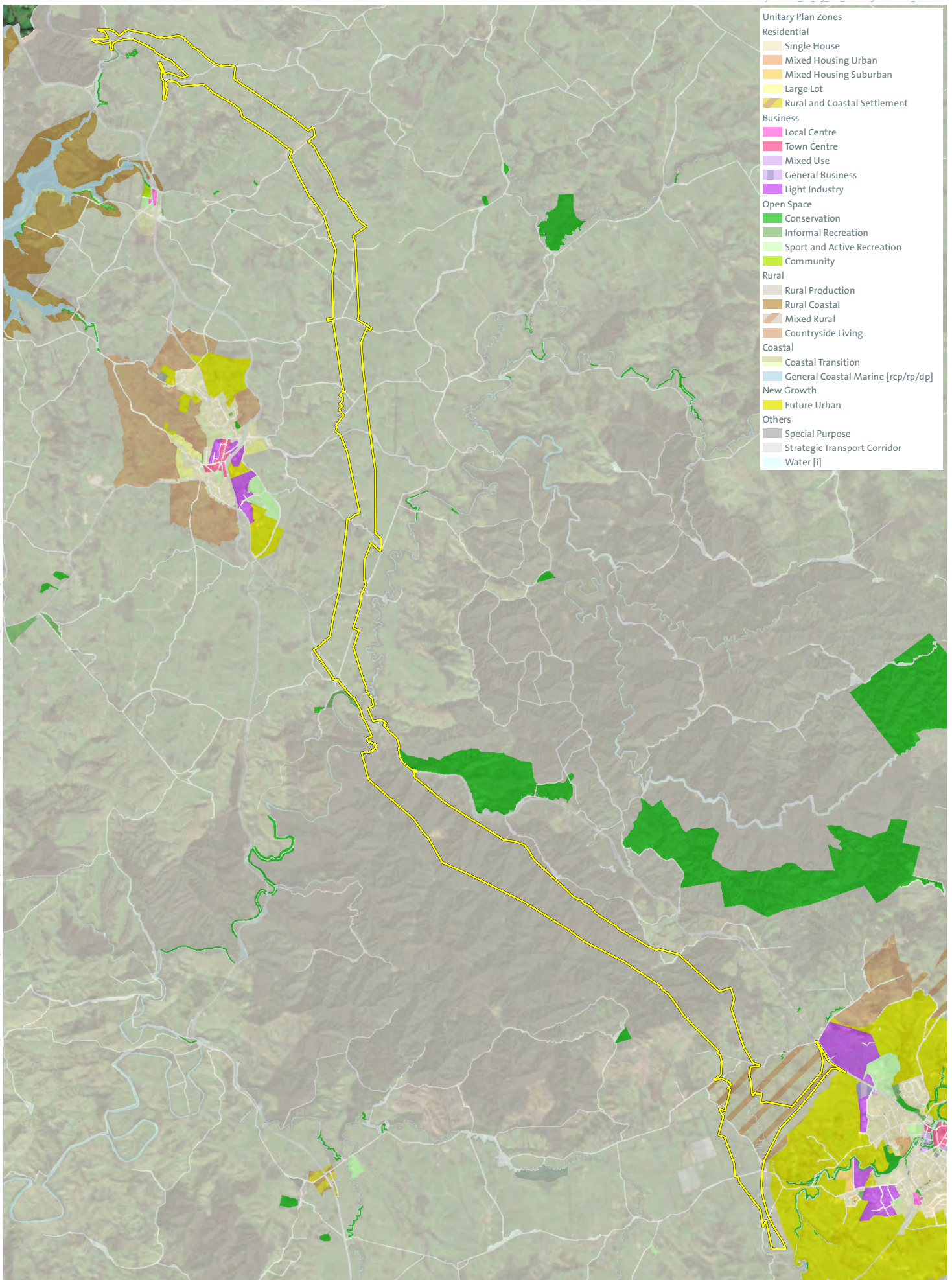
The Landscape and Visual Simulations are shown in the LV-Series of the AEE Drawing Set (Volume 3).

The Landscape and Ecological Mitigation maps are provided in the EM series of the AEE Drawing Set (Volume 3).

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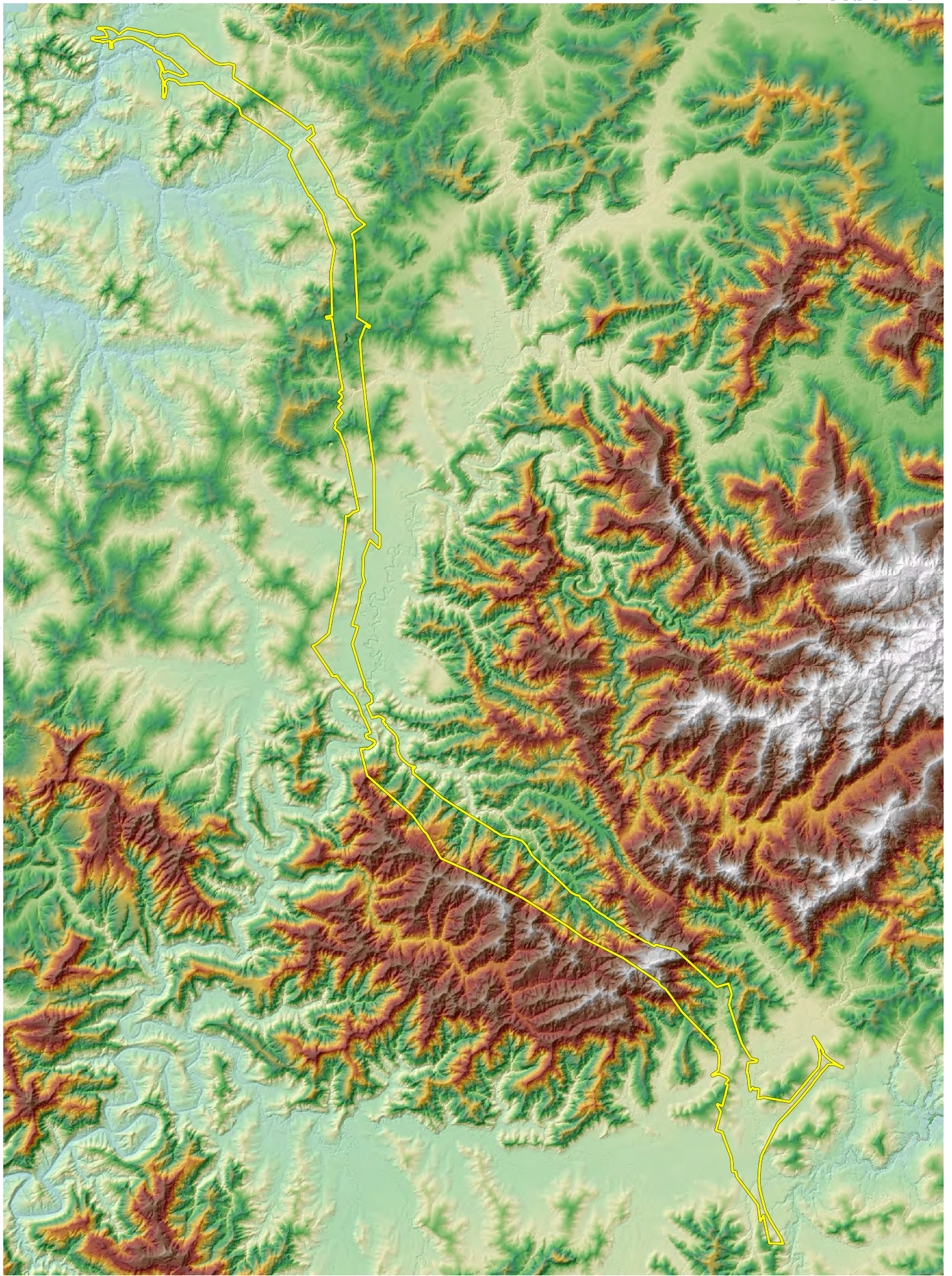


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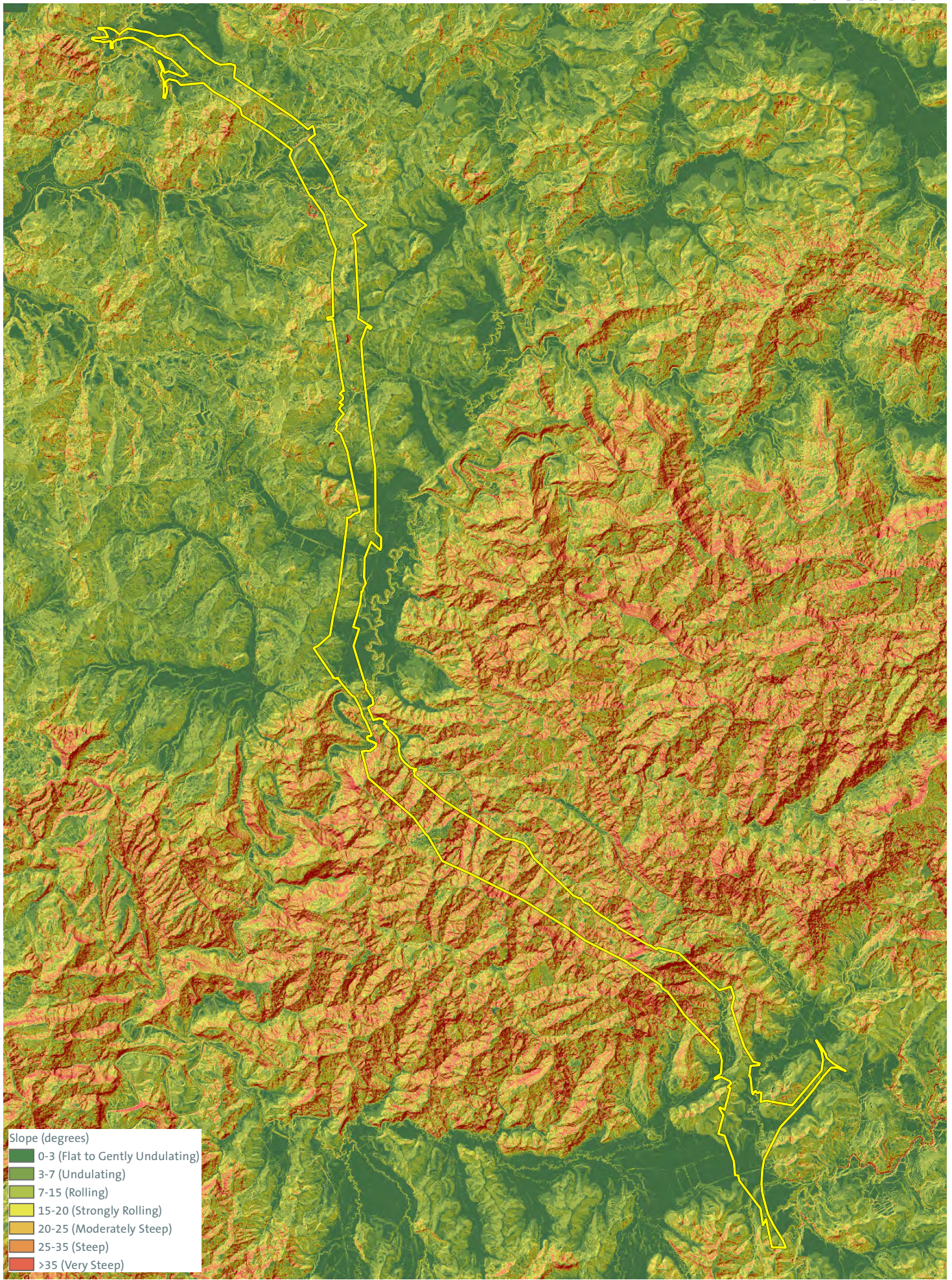


- Unitary Plan Zones**
- Residential**
  - Single House
  - Mixed Housing Urban
  - Mixed Housing Suburban
  - Large Lot
  - Rural and Coastal Settlement
- Business**
  - Local Centre
  - Town Centre
  - Mixed Use
  - General Business
  - Light Industry
- Open Space**
  - Conservation
  - Informal Recreation
  - Sport and Active Recreation
  - Community
- Rural**
  - Rural Production
  - Rural Coastal
  - Mixed Rural
  - Countryside Living
- Coastal**
  - Coastal Transition
  - General Coastal Marine [rcp/rp/dp]
- New Growth**
  - Future Urban
- Others**
  - Special Purpose
  - Strategic Transport Corridor
  - Water [j]

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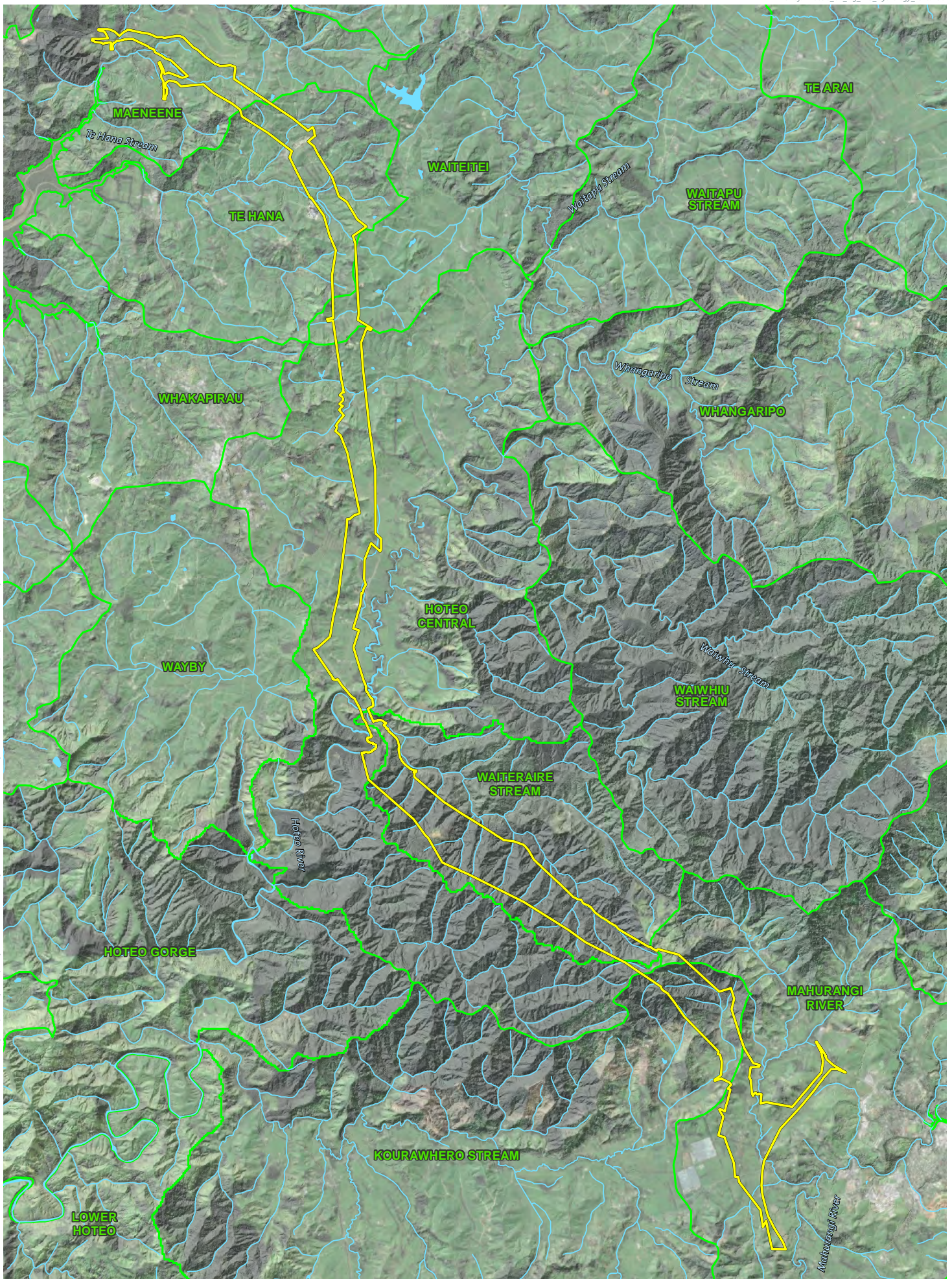
Slope (degrees)	
0-3	(Flat to Gently Undulating)
3-7	(Undulating)
7-15	(Rolling)
15-20	(Strongly Rolling)
20-25	(Moderately Steep)
25-35	(Steep)
>35	(Very Steep)

Legend Proposed Designation

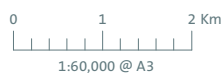
A16090 WARKWORTH TO WELLSFORD DESIGNATION

Figure LV4: Slope

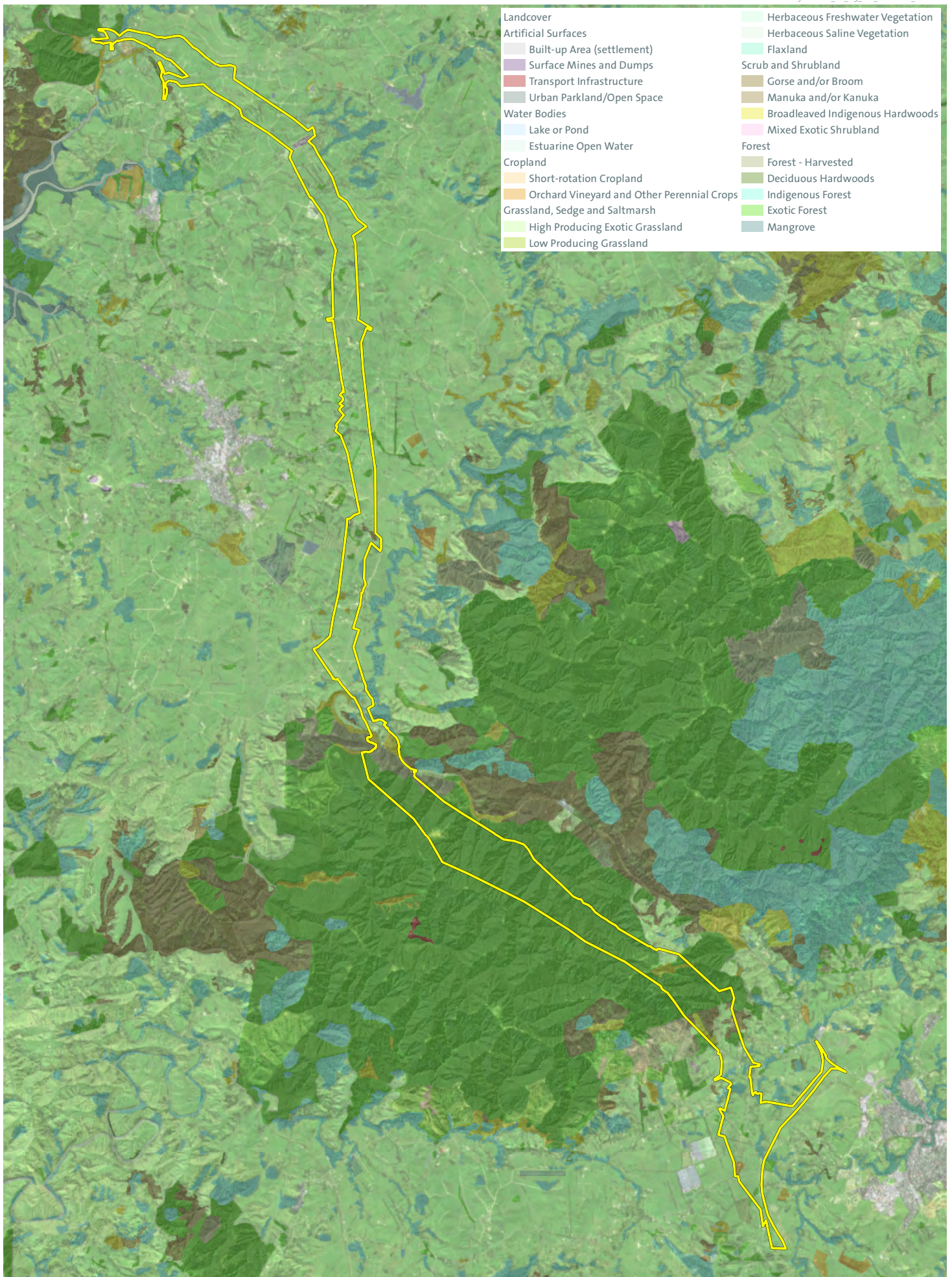




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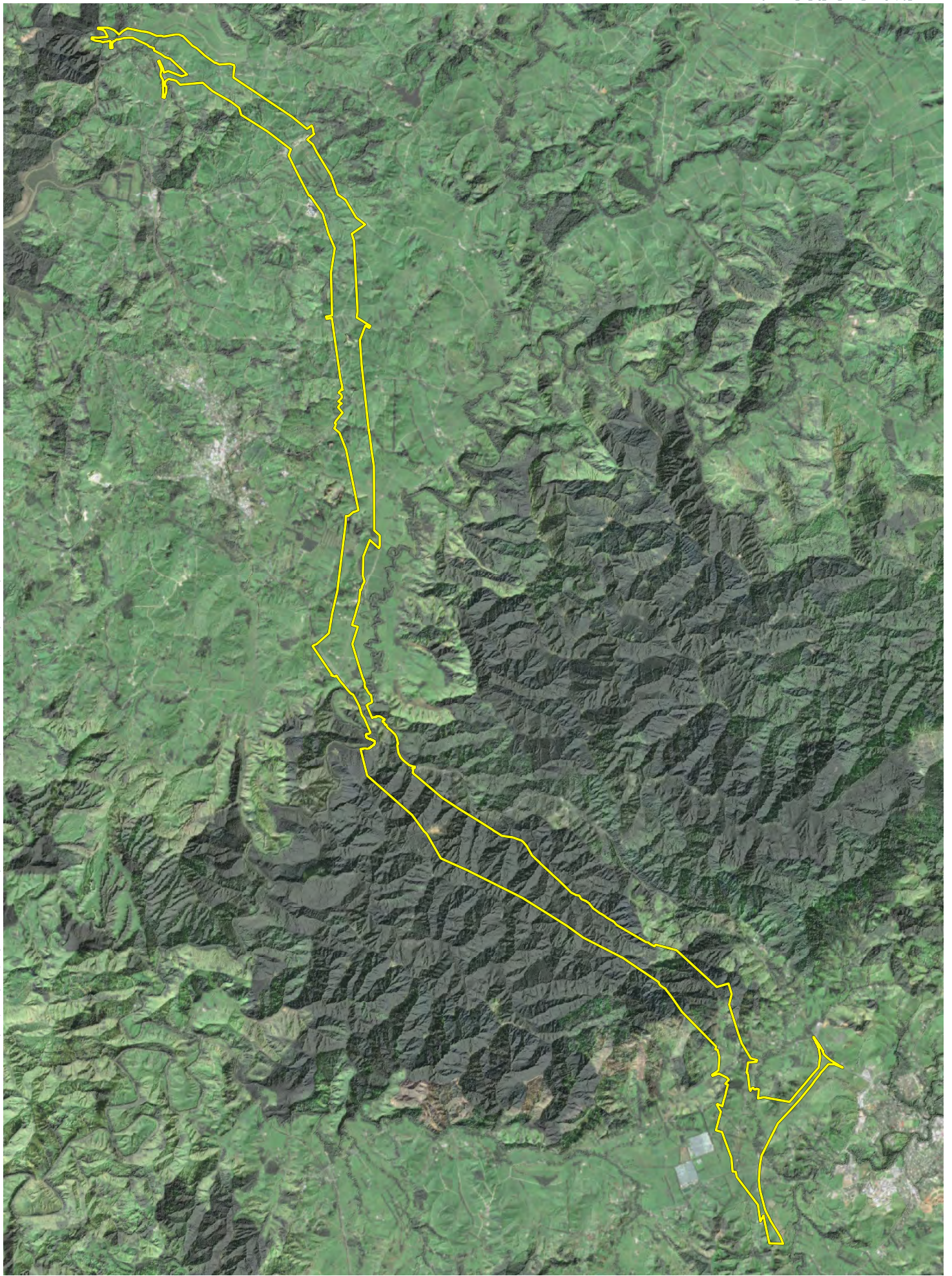
- Legend**
- Proposed Designation
  - Streams
  - Rivers / Lakes
  - Catchment Boundary



- |  |                                  |
|--|----------------------------------|
| <b>Landcover</b>                           | Herbaceous Freshwater Vegetation |
| <b>Artificial Surfaces</b>                 | Herbaceous Saline Vegetation     |
| Built-up Area (settlement)                 | Flaxland                         |
| Surface Mines and Dumps                    | Scrub and Shrubland              |
| Transport Infrastructure                   | Gorse and/or Broom               |
| Urban Parkland/Open Space                  | Manuka and/or Kanuka             |
| <b>Water Bodies</b>                        | Broadleaved Indigenous Hardwoods |
| Lake or Pond                               | Mixed Exotic Shrubland           |
| Estuarine Open Water                       | <b>Forest</b>                    |
| <b>Cropland</b>                            | Forest - Harvested               |
| Short-rotation Cropland                    | Deciduous Hardwoods              |
| Orchard Vineyard and Other Perennial Crops | Indigenous Forest                |
| <b>Grassland, Sedge and Saltmarsh</b>      | Exotic Forest                    |
| High Producing Exotic Grassland            | Mangrove                         |
| Low Producing Grassland                    |                                  |

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Data Sources: DigitalGlobe Aerials (2015), Auckland Council Aerials (2016), Jacobs, Boffa Miskell

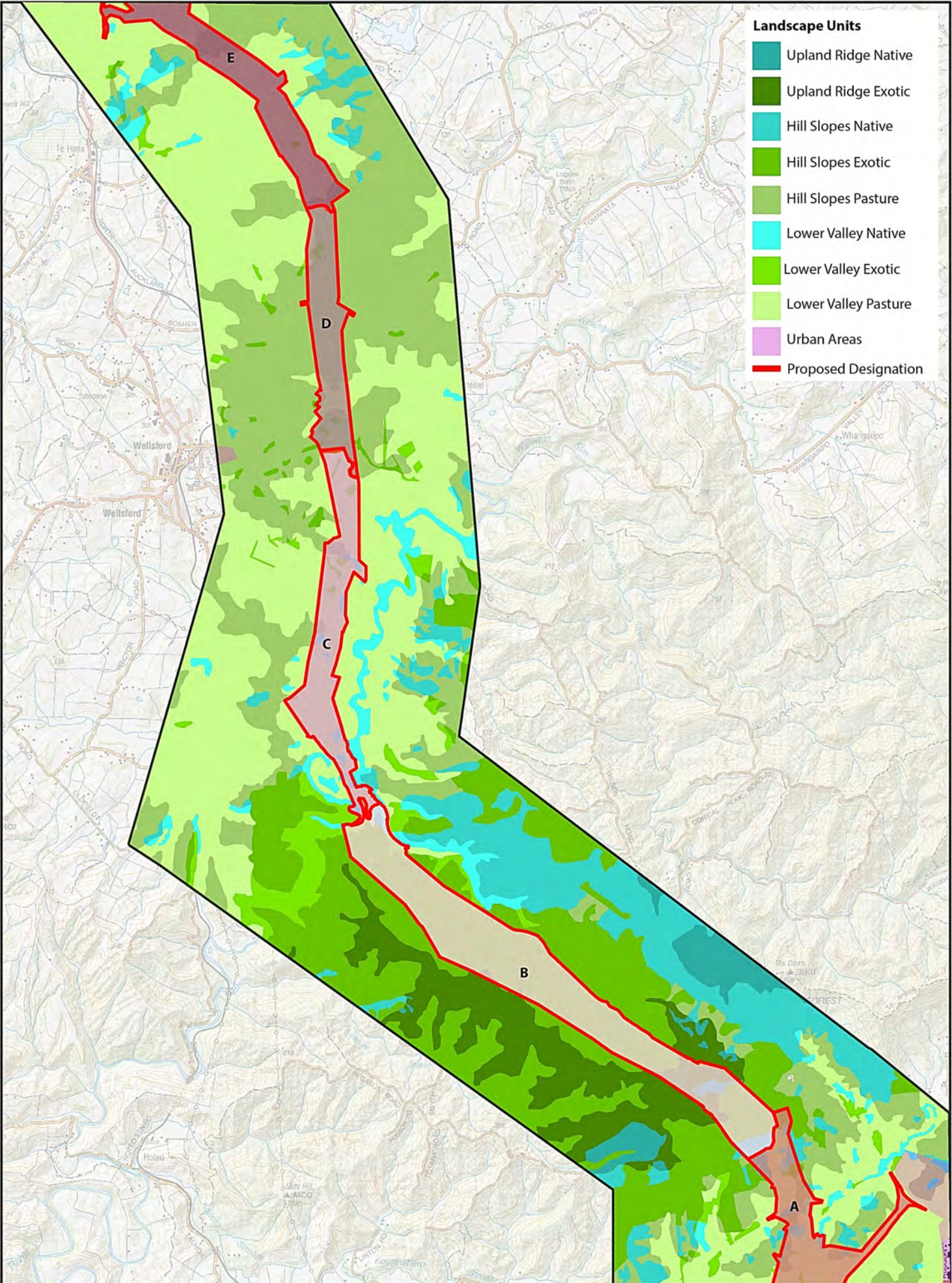
Projection: NZGD 2000 New Zealand Transverse Mercator

Legend

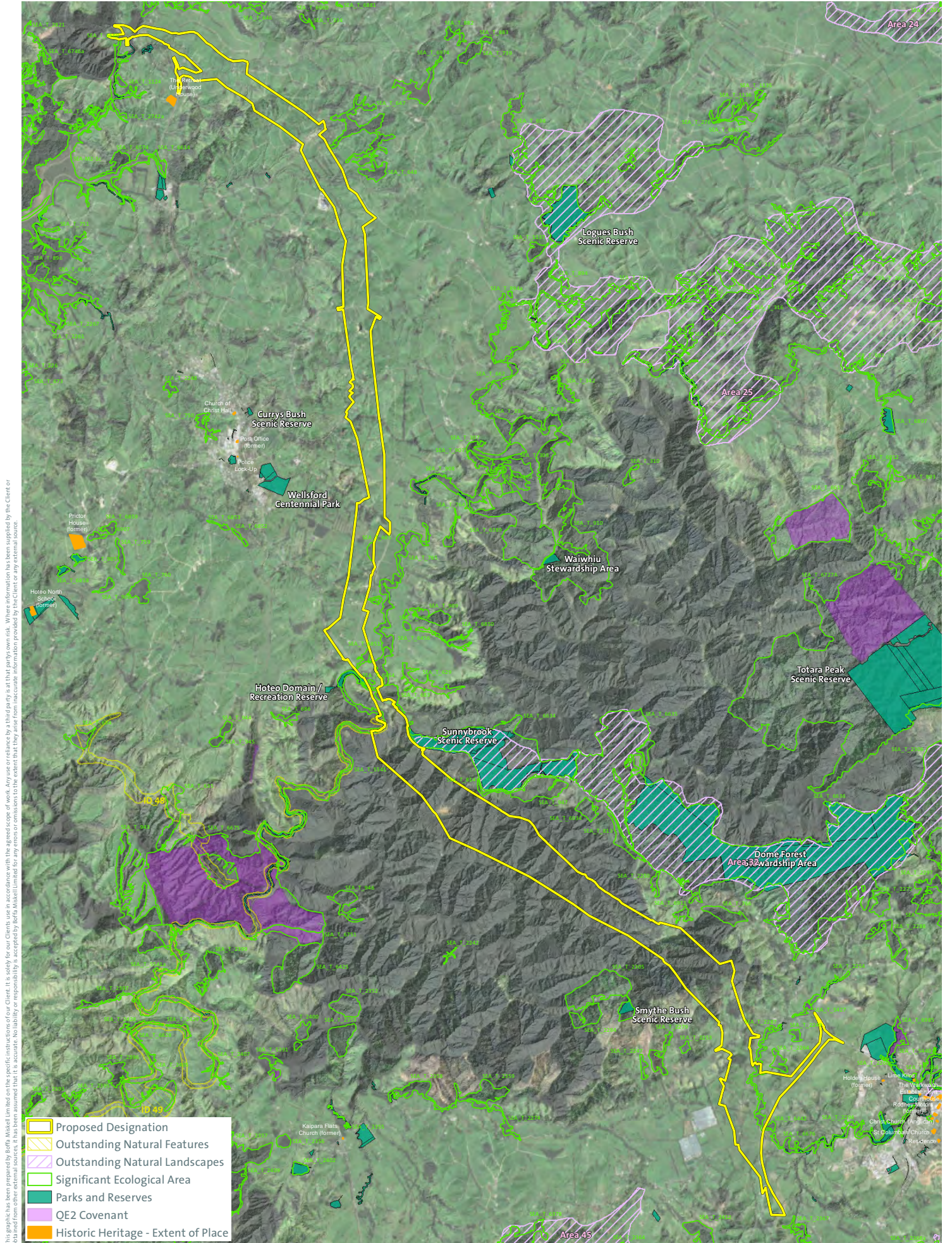
 Proposed Designation



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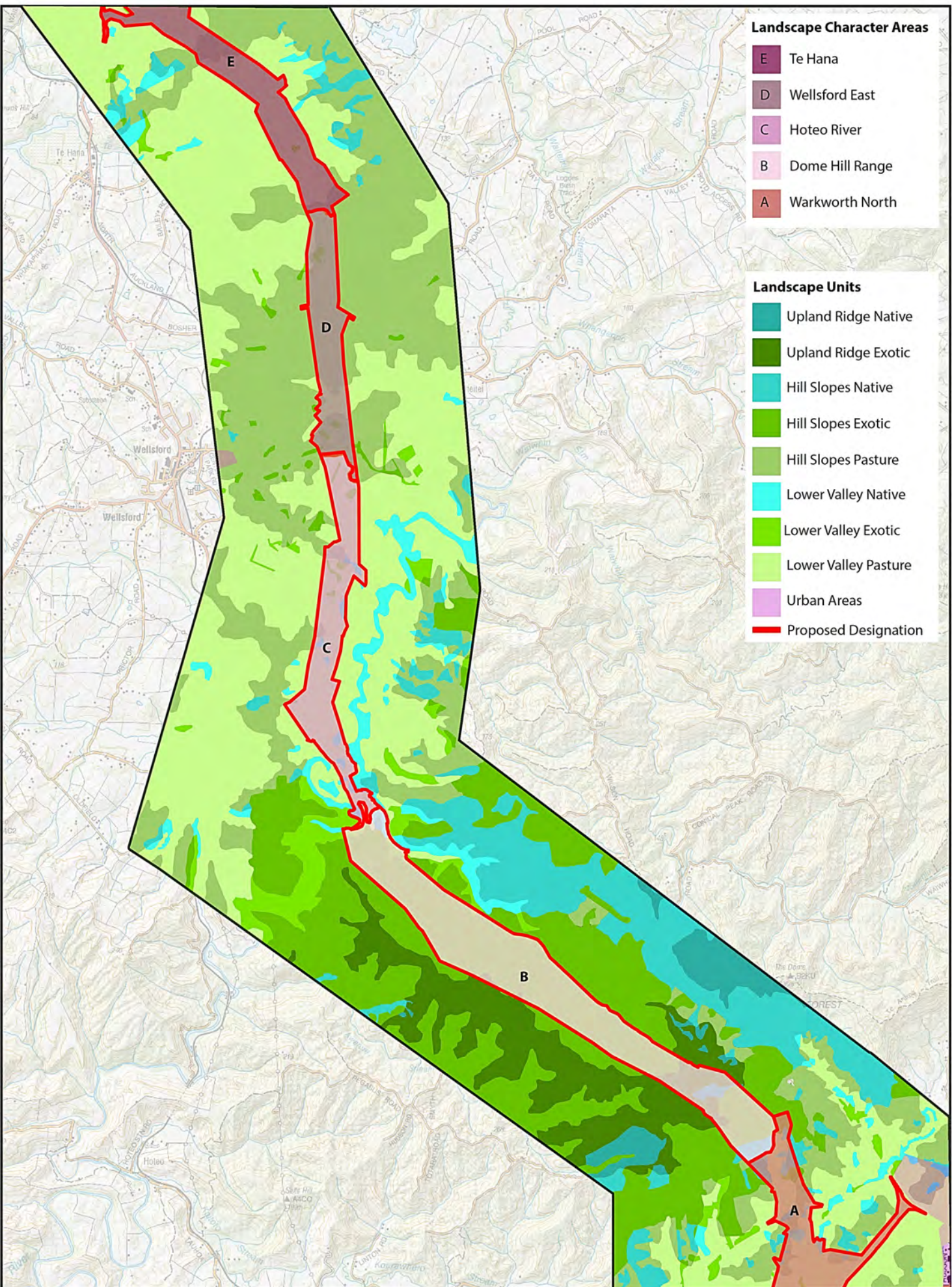
- Landscape Units**
- Upland Ridge Native
  - Upland Ridge Exotic
  - Hill Slopes Native
  - Hill Slopes Exotic
  - Hill Slopes Pasture
  - Lower Valley Native
  - Lower Valley Exotic
  - Lower Valley Pasture
  - Urban Areas
  - Proposed Designation



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- Proposed Designation
- Outstanding Natural Features
- Outstanding Natural Landscapes
- Significant Ecological Area
- Parks and Reserves
- QE2 Covenant
- Historic Heritage - Extent of Place

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**Landscape Character Areas**

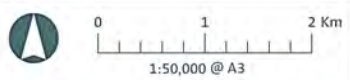
- E Te Hana
- D Wellsford East
- C Hoteo River
- B Dome Hill Range
- A Warkworth North

**Landscape Units**

- Upland Ridge Native
- Upland Ridge Exotic
- Hill Slopes Native
- Hill Slopes Exotic
- Hill Slopes Pasture
- Lower Valley Native
- Lower Valley Exotic
- Lower Valley Pasture
- Urban Areas
- Proposed Designation

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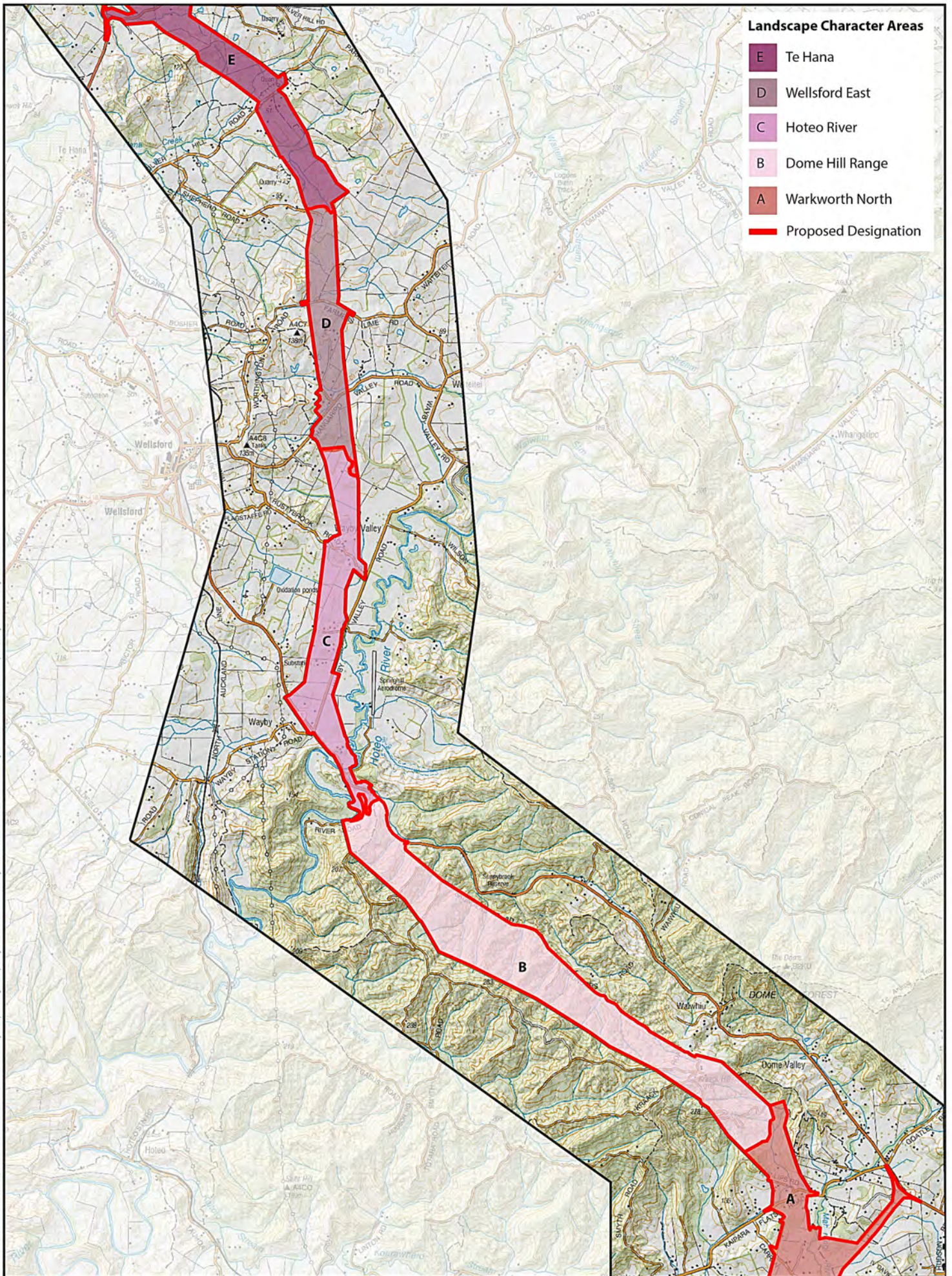
Figure LV10: Landscape Units and Landscape Character Areas



Data Sources: DigitalGlobe Aerials (2015), Auckland Council Aerials (2016), Jacobs, Boffa Miskell  
Projection: NZGD 2000 New Zealand Transverse Mercator

Date: June 2019 | Revision: C  
Plan Prepared by Boffa Miskell Limited  
Project Manager: John.Goodwin@boffamiskell.co.nz | Drawn: JRo | Checked: CB

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**Landscape Character Areas**

- E Te Hana
- D Wellsford East
- C Hotoke River
- B Dome Hill Range
- A Warkworth North
- Proposed Designation



The Zone of Theoretical Visibility (ZTV) analysis indicates areas from where an activity or project may be visible within the study area. It can not and does not indicate the nature or magnitude of visual effects, or project appearance.

The accuracy of the ZTV analysis is limited by the level of detail, or cell size, of the underlying digital elevation model. The cell size of the DEM used in this ZTV is 4 metres.

The ZTV analysis is based on lines-of-sight generated using a "bare ground" digital elevation model, and does not take into account the screening effects of intervening vegetation and/or structures in the landscape.

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