



LEGEND

Wind Farm

- Wind Turbines
- Grid Injection Point (GIP)
- Sub Station
- Transmission Line Route
- Civil Works Design
- Wind Farm Site

Mimihaui Catchment

Mokoreta Catchment

Kaiwera Catchment

--- District Council Boundary

--- Regional Council Boundary

Map 1: NZFFD Records - Species Name

- Anguilla (Unidentified eel)
- Anguilla australis (Shortfin eel)
- ▲ Anguilla dieffenbachii (Longfin eel)
- ★ Geotria australis (Lamprey)
- ◆ Nil (No species recorded)

Map 2: NZFFD Records - Species Name

- Galaxias (Unidentified galaxiid)
- Galaxias argenteus (Giant kokopu)
- ◆ Galaxias gollumoides (Gollum galaxias)
- ★ Galaxias species D (Clutha flathead galaxias)
- ▲ Galaxias species S (Southern flathead galaxias)

Map 3: NZFFD Records - Species Name

- ▲ Gobiomorphus (Unidentified bully)
- Gobiomorphus breviceps (Upland bully)
- ◆ Gobiomorphus cotidianus (Common bully)
- Gobiomorphus huttoni (Redfin bully)

Map 4: NZFFD Records - Species Name

- Salmo (Unidentified salmonid)
- Salmo trutta (Brown trout)
- ▲ Paranephrops (Koura)

MAP SCALE

N

Scale: 1:275,000

0 2.5 5 10 15

Kilometers

PRINT DATE

24/06/2025

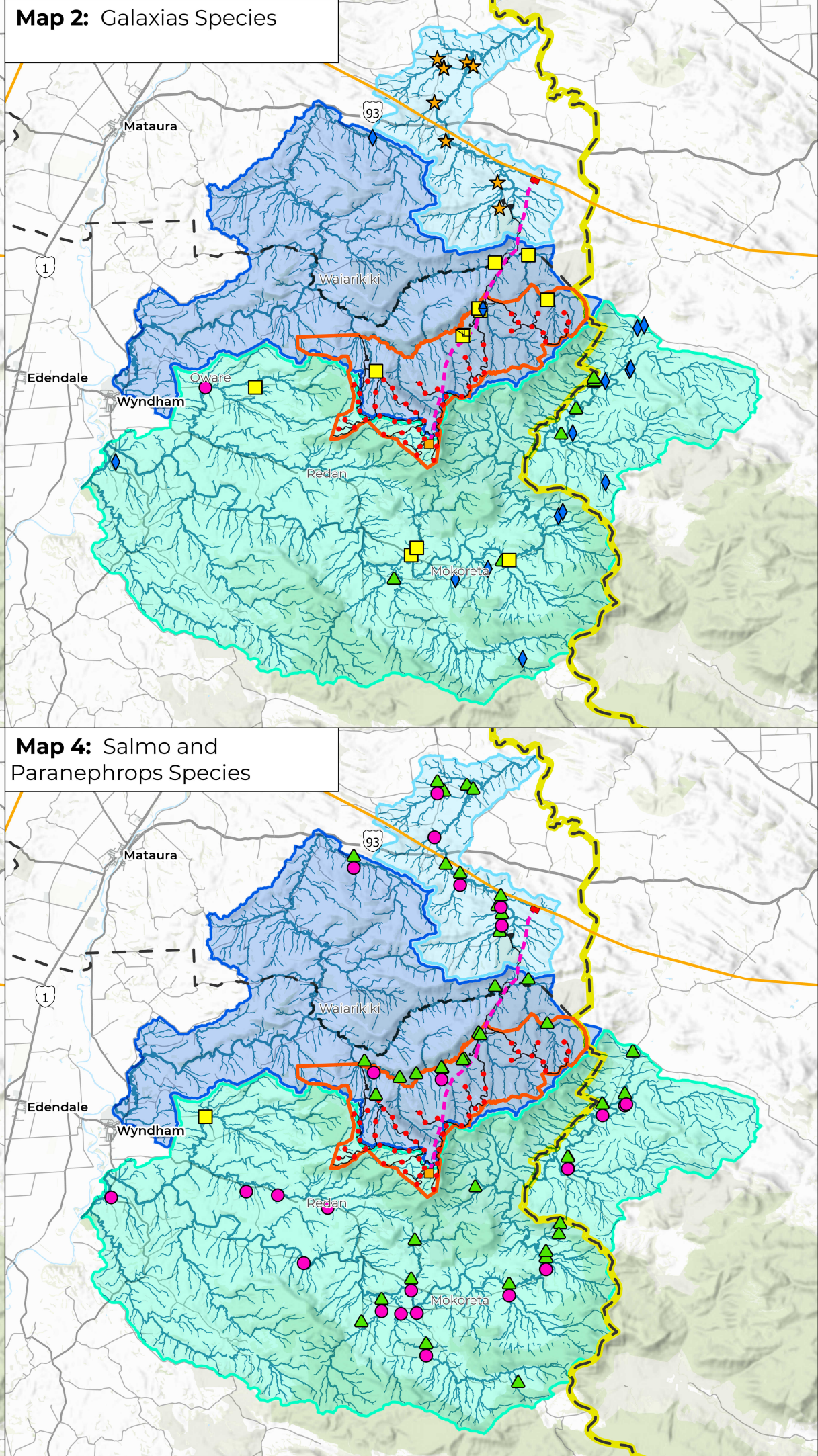
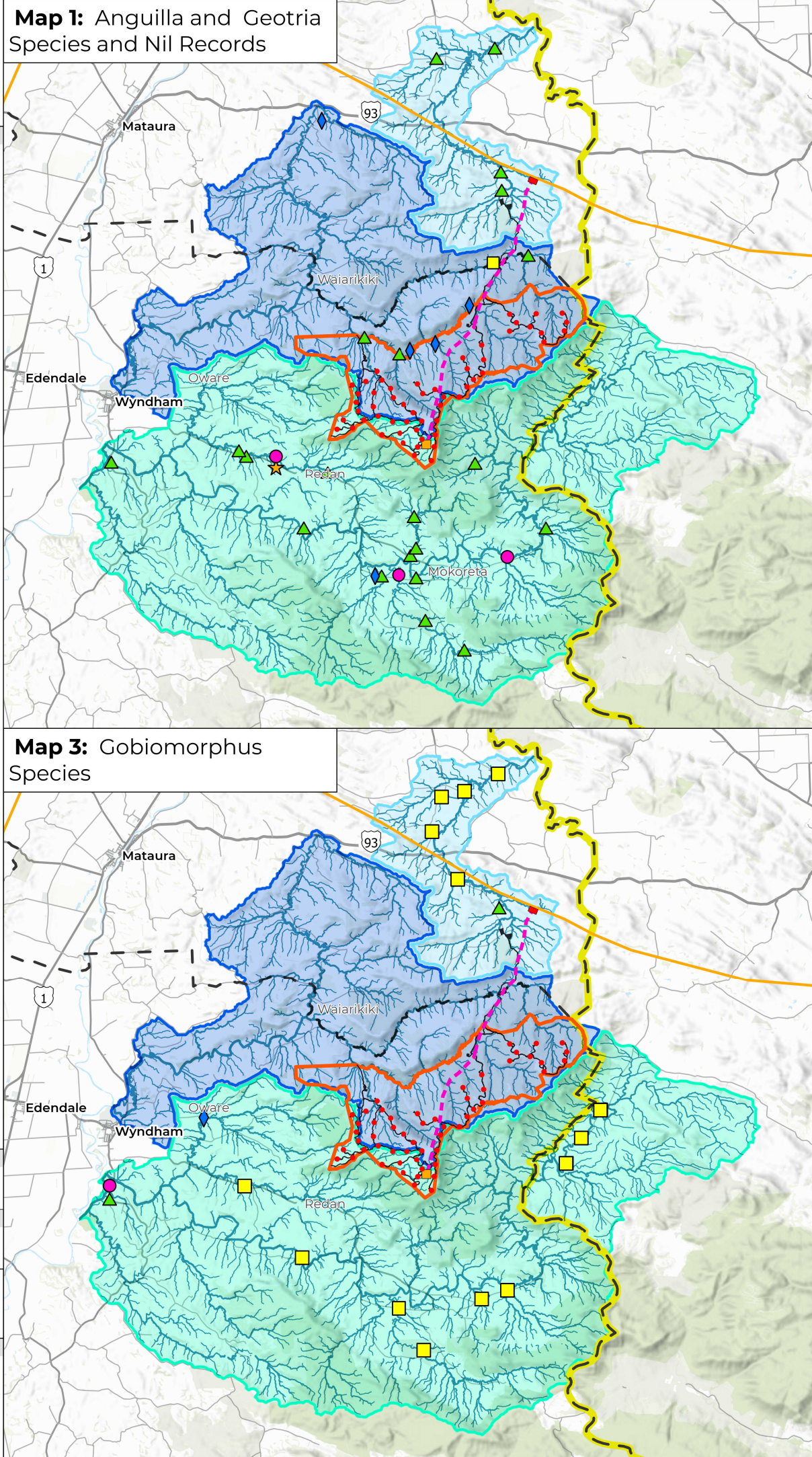
VERSION

1.0

TITLE

FIGURE AQUATIC ECOLOGY - 3

NZFFD FISH RECORDS FOR THE MIMIHAUI, MOKORETA AND KAIWERA RIVER CATCHMENT



LEGEND

- Wind Turbines
- 🏠 Surrounding Dwellings

Southland Wind Farm Only

Noise Contours - Noise Level (LrD)

- 30 dB(A)
- 35 dB(A)
- 40 dB(A)
- 45 dB(A)
- 50 dB(A)

MAP SCALE

Scale: 1:65,000

N

0 0.5 1 2 3 Kilometers

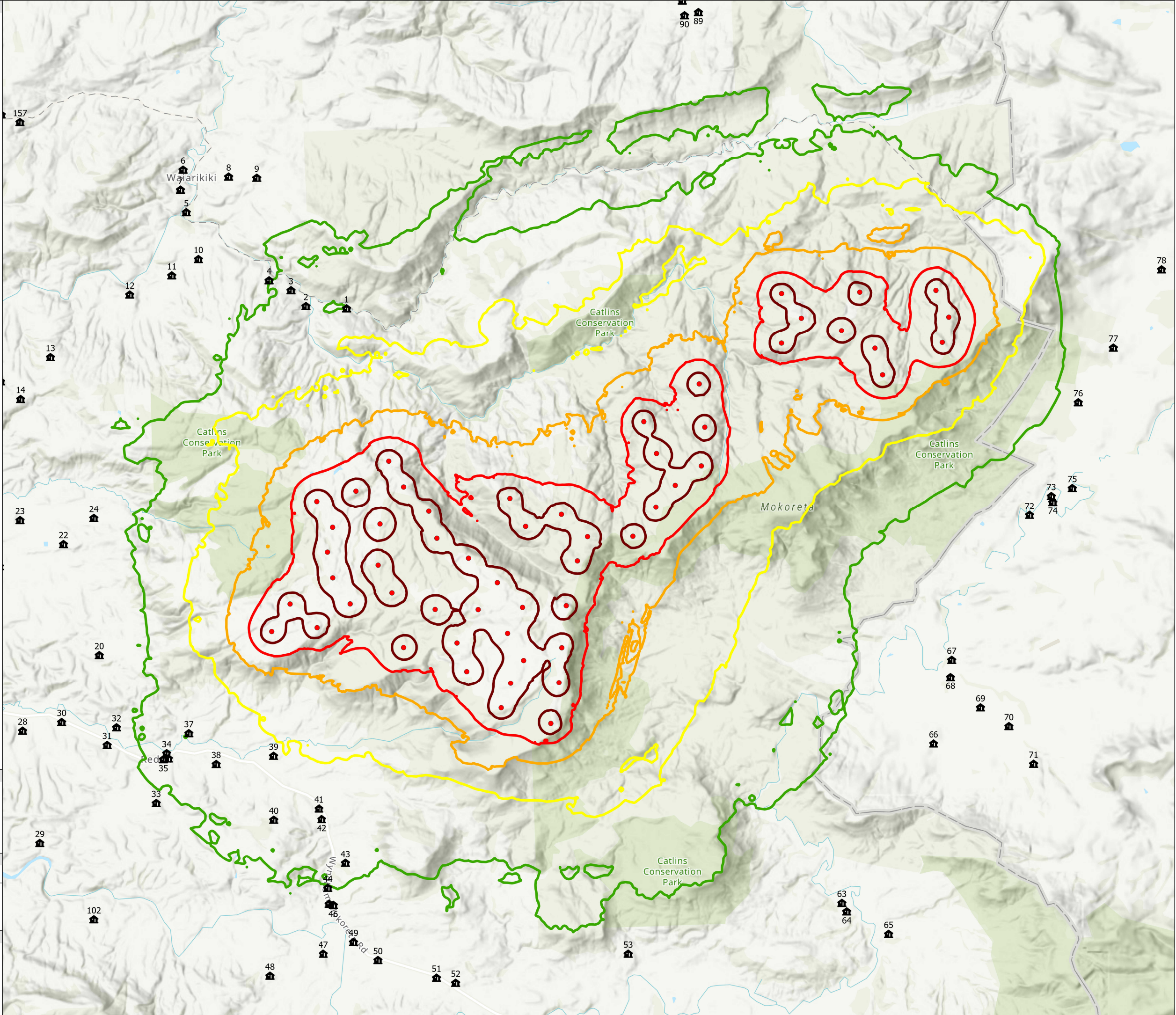
PRINT DATE	VERSION
24/06/2025	1.0

MARSHALL DAY Acoustics

TITLE

FIGURE NOISE EFFECTS - 1

NOISE CONTOURS -
SOUTHLAND WIND FARM ONLY



LEGEND

●

Southland Wind Farm Turbines

🏠

Surrounding Dwellings

●

Kaiwera Downs Turbines - Phase 1 Stage 1

●

Kaiwera Downs Turbines - Phase 2 Stage 2

Noise Contours - Cumulative

Noise Level (LrD)

—

30 dB(A)

—

35 dB(A)

—

40 dB(A)

—

45 dB(A)

—

50 dB(A)

MAP SCALE

N

Scale: 1:85,000

Kilometers

00.51234

PRINT DATE

24/06/2025

VERSION

1.0

MARSHALL DAY

Acoustics

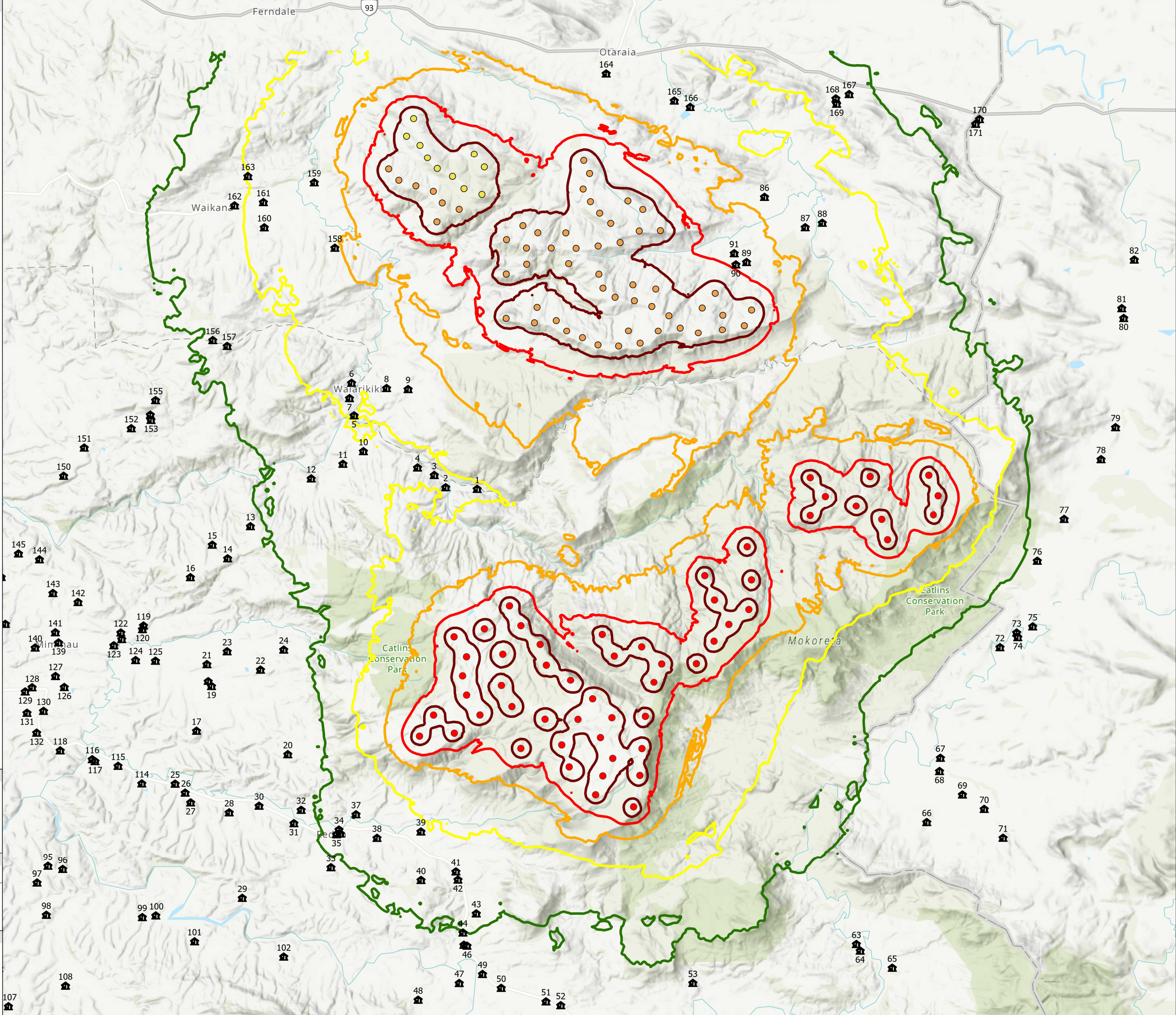
TITLE

FIGURE NOISE EFFECTS - 2

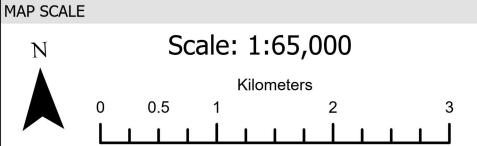
CUMULATIVE NOISE CONTOURS -

SOUTHLAND WIND FARM AND

KAIWERA DOWNS WIND FARM



- LEGEND
- Assessed Dwellings
 - Other Surrounding Dwellings
 - Construction Noise Source
 - Construction / Operational Noise Source
 - Kaiwera Downs Turbines - Phase 1 Stage 1
 - Kaiwera Downs Turbines - Phase 2 Stage 2
 - Southland Wind Farm Turbines
 - Transmission Line Route
 - Civil Works Design
 - Water Storage & Batching Plant Envelope
 - O&M Building Location Envelope Area
 - Substation Envelope Area
 - GIP Envelope Area
 - Wind Farm Site

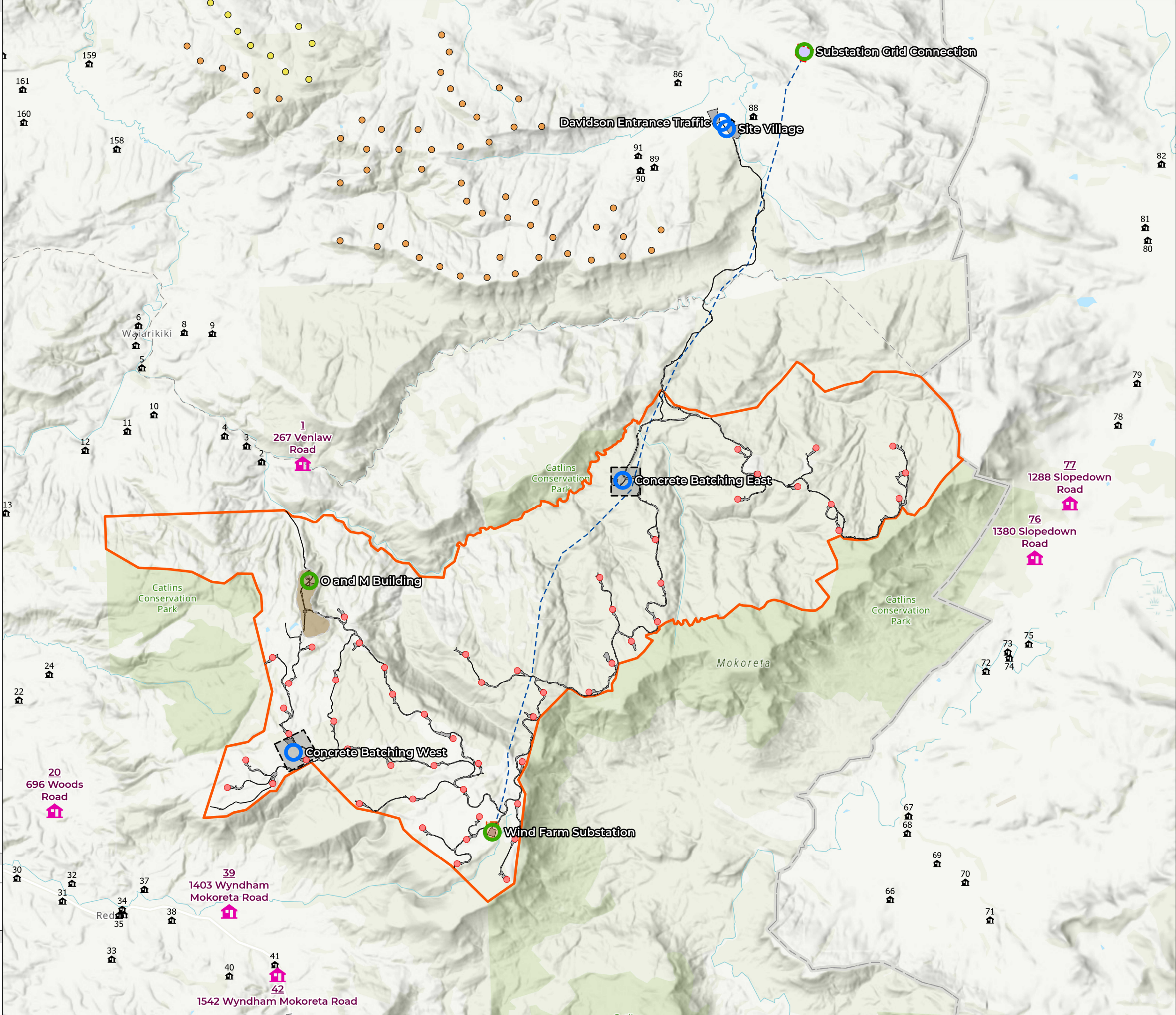


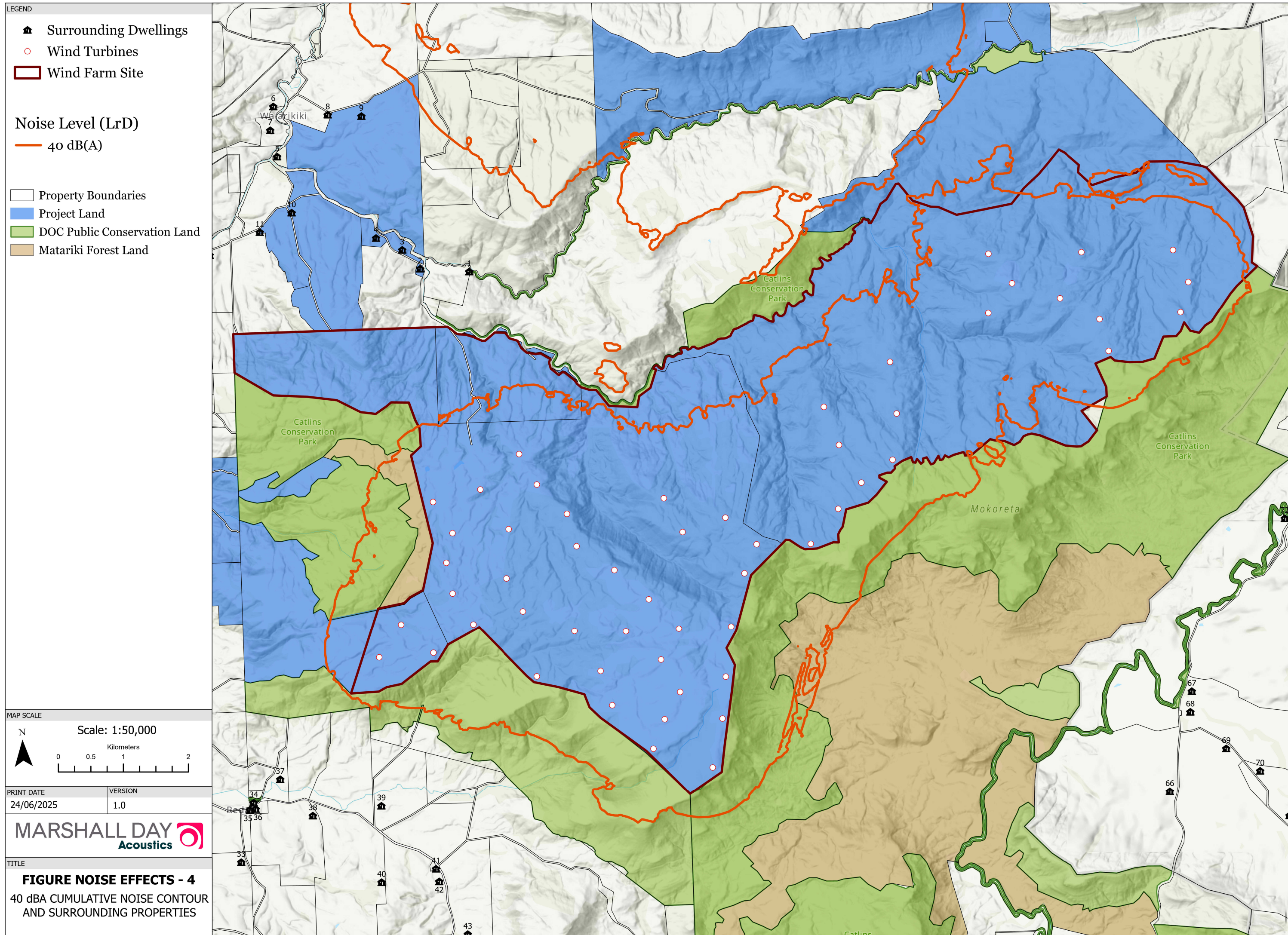
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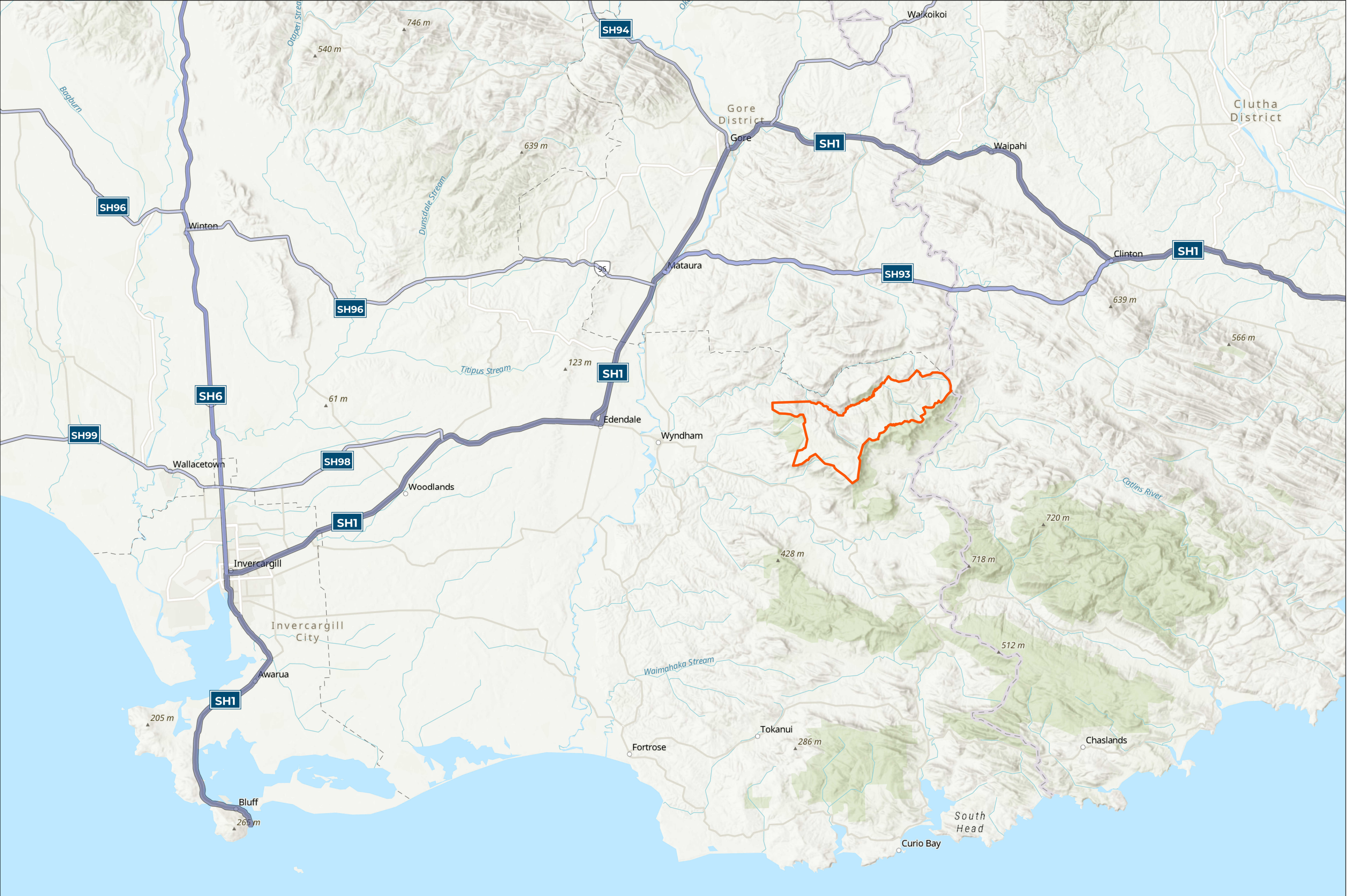


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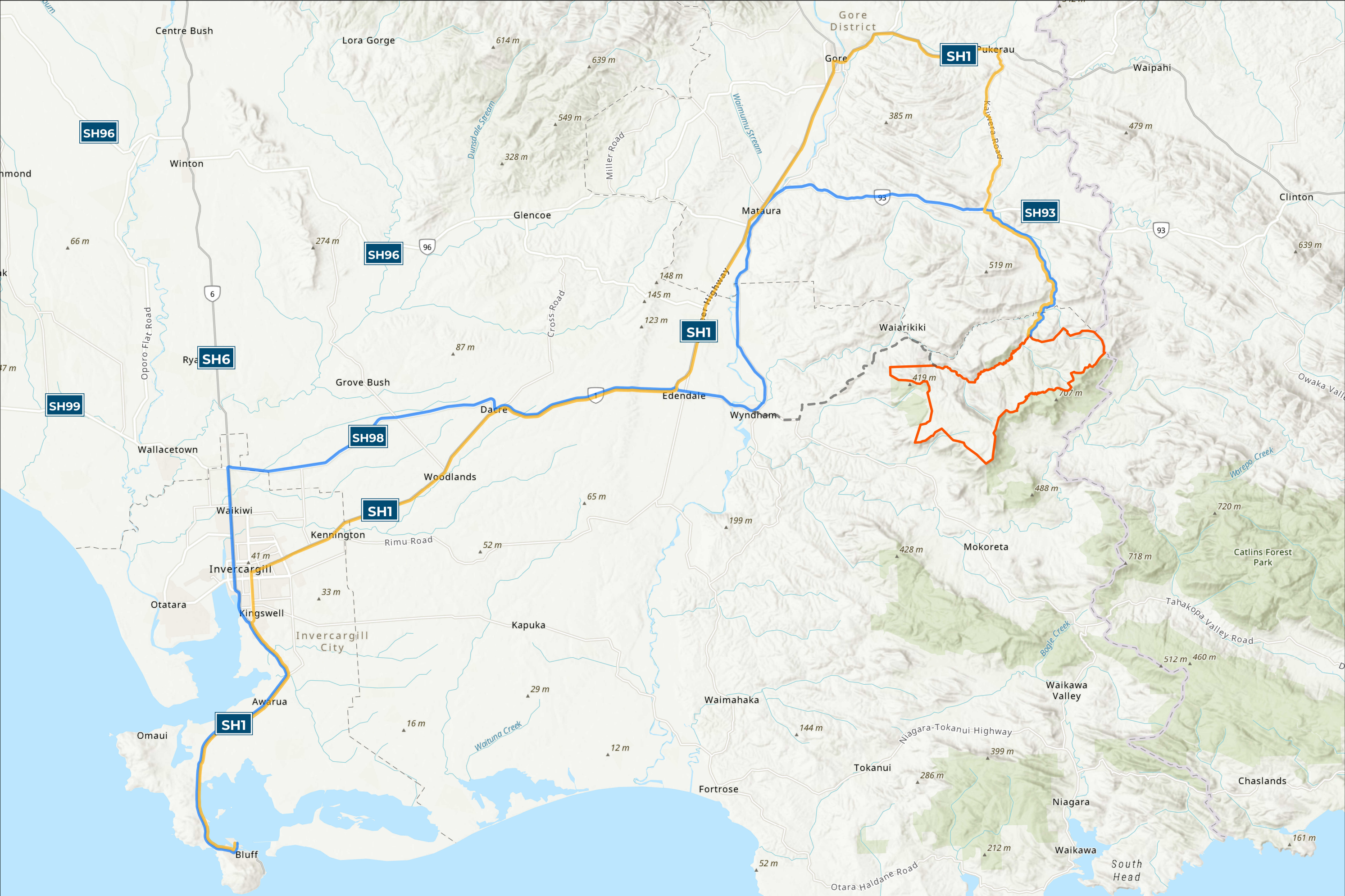
FIGURE NOISE EFFECTS - 3
ASSESSED DWELLINGS AND
CONSTRUCTION AND OPERATIONAL
NOISE POINT SOURCES



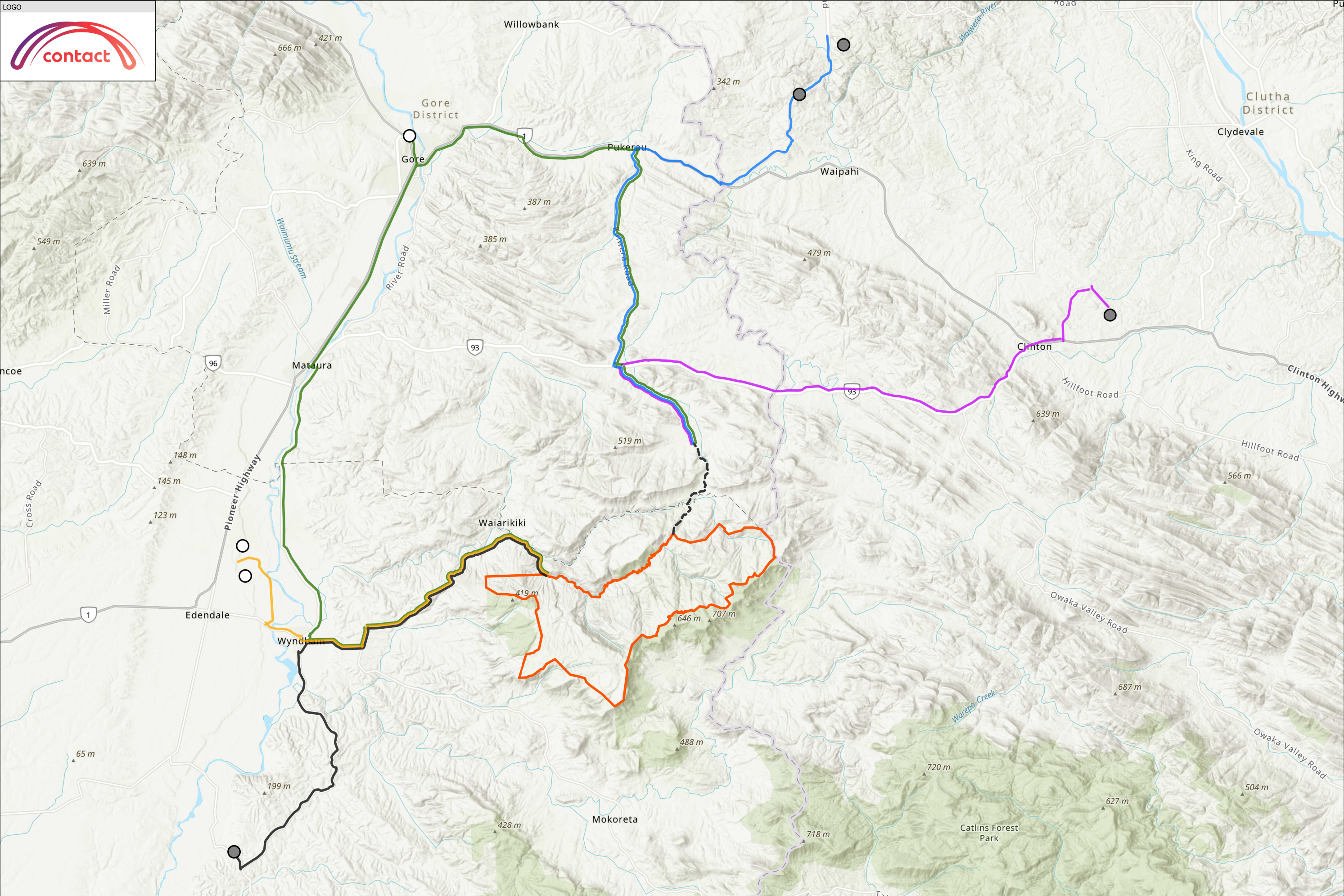




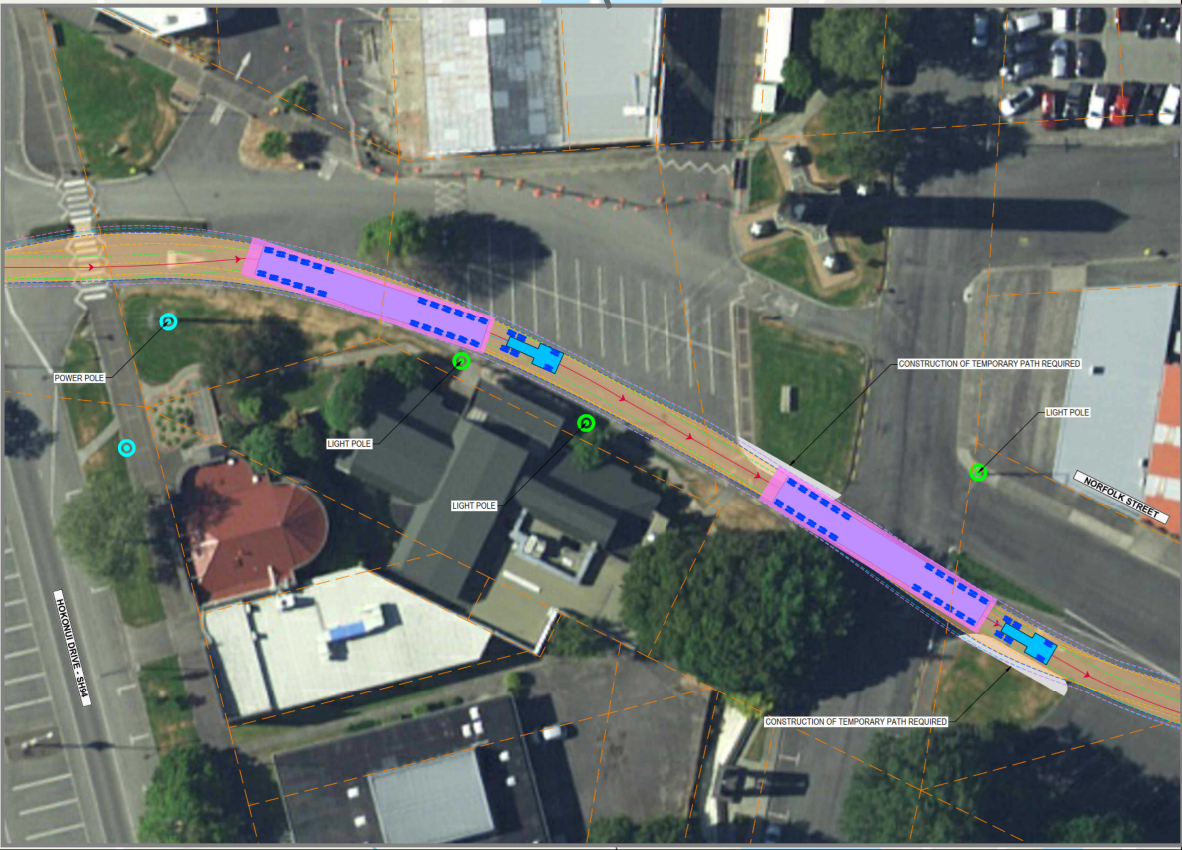
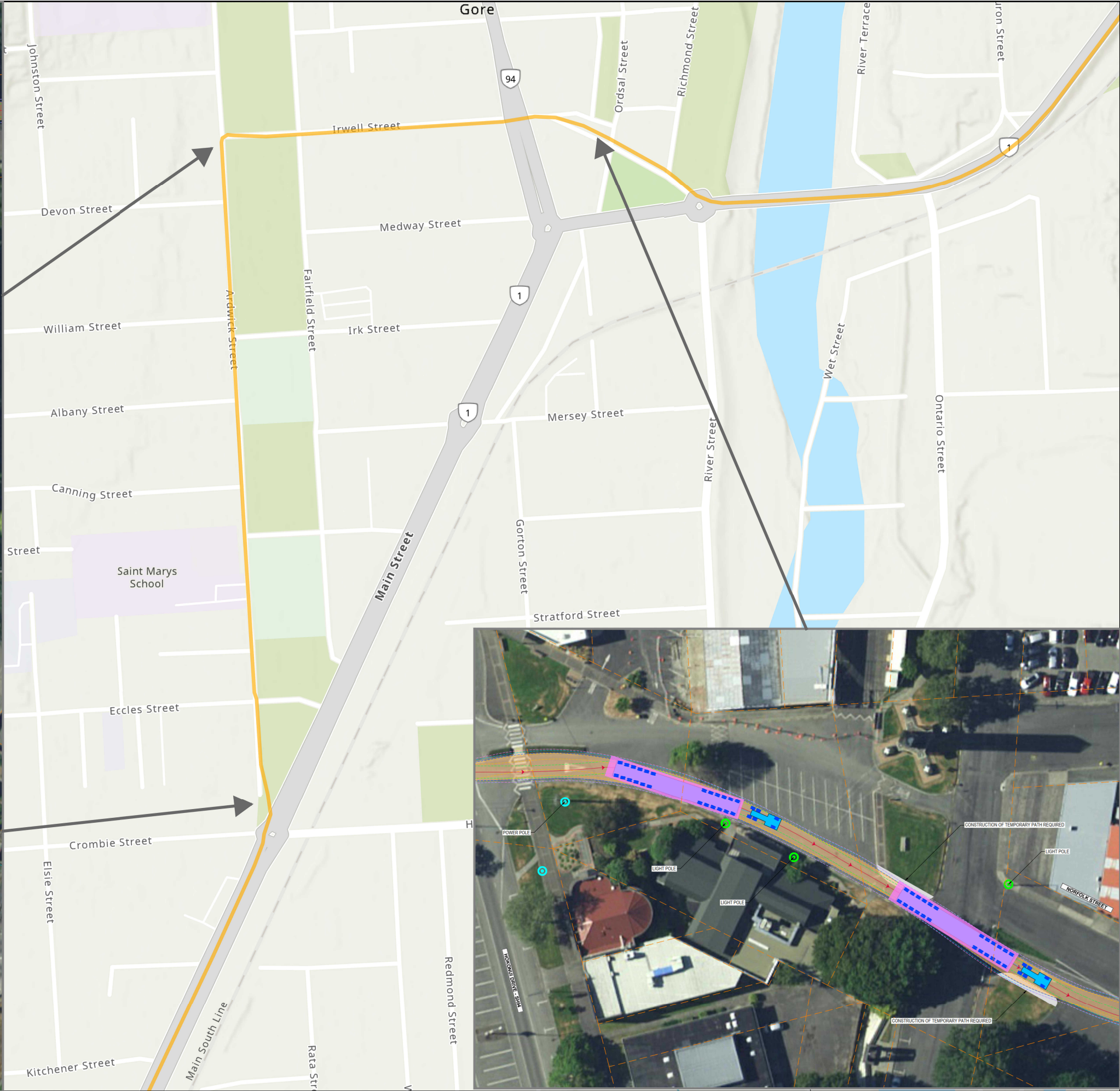
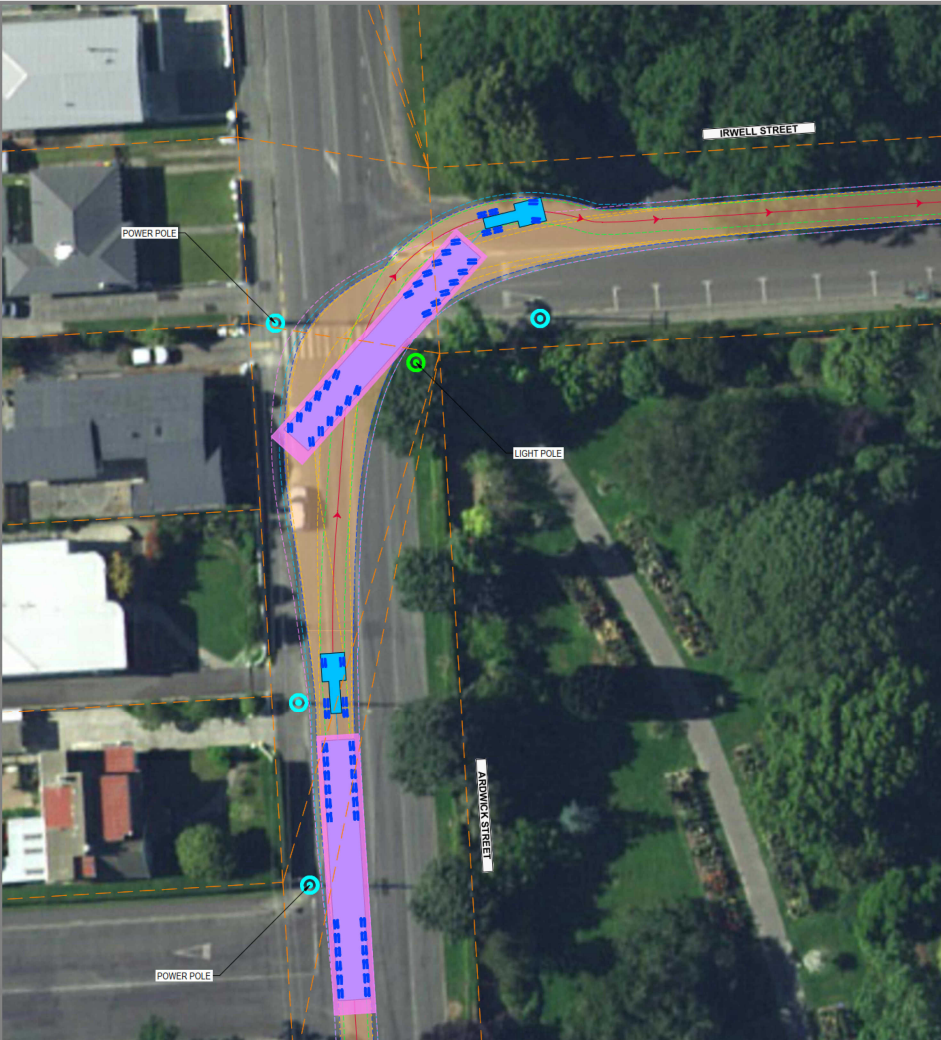
LEGEND		LOGO	MAP SCALE	PRINT DATE	TITLE
SH Network Regional Roads Arterial Roads Primary Collector Roads Wind Farm Site			Scale: 1:300,000 0 2.5 5 10 15 Kilometers	25/06/2025 VERSION 1.0	FIGURE TRANSPORT - 1 STATE HIGHWAY NETWORK IN THE VICINITY OF THE WIND FARM SITE



LEGEND Transport Route (Turbine Blades - Over Dimension) Transport Route (Nacelles Towers & Transformers - Over Weight) Transport Route (Unladen Trucks - Route Option) Wind Farm Site		LOGO Stantec	MAP SCALE Scale: 1:250,000 0 2.5 5 10 Kilometers	PRINT DATE 25/06/2025 VERSION 1.0	TITLE FIGURE TRANSPORT - 2 TRANSPORT ROUTES FROM BLUFF TO THE WIND FARM SITE
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LEGEND		MAP SCALE	PRINT DATE	TITLE
Quarry - concrete and roading aggregate only	Transport Route - Coal Pit Rd Quarries	 Scale: 1:185,000 0 2.5 5 10 Kilometers	25/06/2025	FIGURE TRANSPORT - 3 TRANSPORT ROUTES FOR POTENTIAL SOURCES OF AGGREGATE TO THE WIND FARM SITE
Quarry - roading aggregate only	Transport Route - Maitua Island Quarry		VERSION	
Port Blakely Access Road	Transport Route - Clinton East Quarry		1.0	
Wind Farm Site				



LEGEND
Transport Route (Nacelles Towers & Transformers - Over Weight)

NOTES
Images show selected 4.5 X 30.0 metre tower section vehicle tracking through Gore. See transport assessment report for assessment of other loads and road sections.

LOGO

MAP SCALE

N

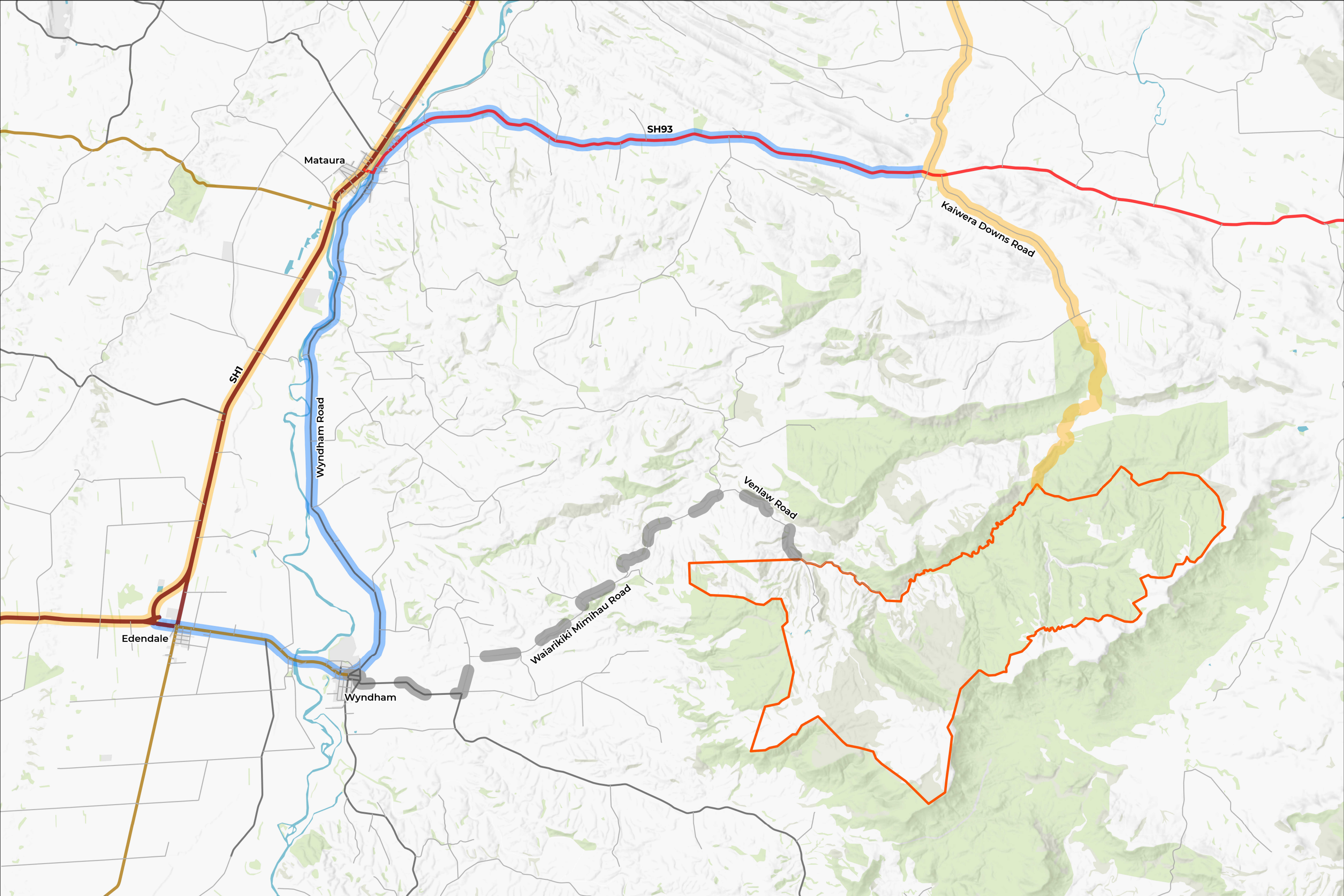
Scale: 1:5,000

Meters

0 50 100 200

PRINT DATE
25/06/2025
VERSION
1.0

TITLE
FIGURE TRANSPORT - 4
TRANSPORT ROUTE THROUGH GORE



LEGEND			LOGO	MAP SCALE	PRINT DATE	TITLE
Transport Route (Over Dimension)	Regional Road	Secondary Collector Road		Scale: 1:100,000 N 0 1.25 2.5 5 Kilometers	25/06/2025	FIGURE TRANSPORT - 5 LOCAL ROADS AFFECTED BY TRANSPORT TO THE WIND FARM PROJECT
Transport Route (Over Weight)	Arterial Road	Access / Low Volume Road			VERSION	
Transport Route (Unladen Trucks - Route Option)	Primary Collector Road	Wind Farm Site			1.0	