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CLIENT / PROJECT
Stevensons Aggregates Ltd.

Sutton Block Extent

31 October 2024 Map: MA

Legend

-  Sutton Block - Extended Pit Boundary
-  SAL Landholdings
-  AUP LOQ zone boundary

SOURCES
LINZ Basemap aerial

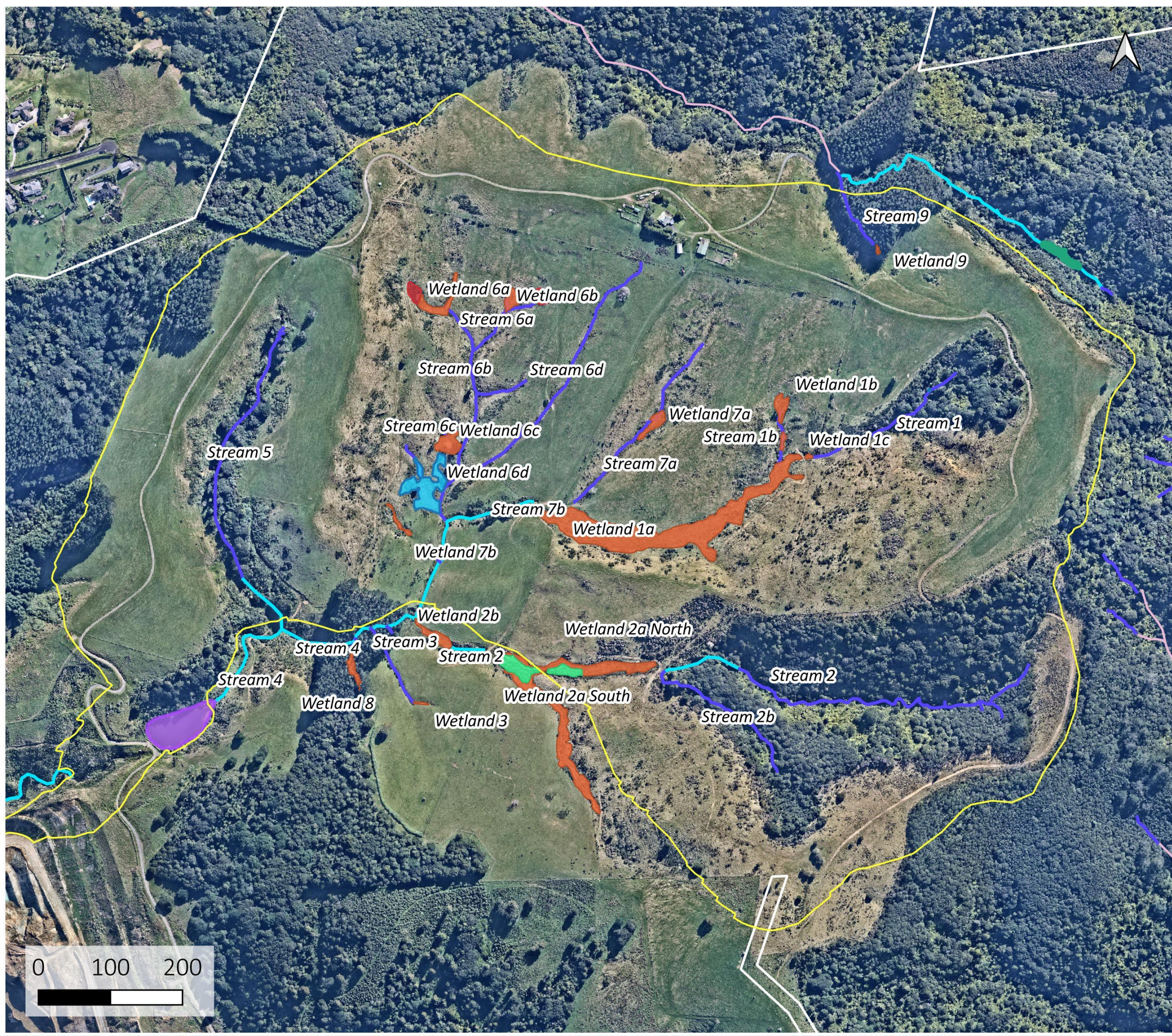
MAP PROJECTION
NZGD2000 / New Zealand Transverse
Mercator 2000

DISCLAIMER:
This map/plan is not an engineering draft.
This map/plan is illustrative only and all
information should be independently
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SCALE
1:17,500 @ A4

MAP NO.
64827

Figure 1



NOTES
Aerial Images from Nearmaps (2024).

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Legend

- Exotic wetland
- Constructed pond
- Raupo wetland
- Constructed wetland
- Herbaceous wetland
- Forest swamp
- Ephemeral overland flow path
- Intermittent stream
- Permanent stream
- Modelled overland flow path
- SAL Landholdings
Sutton Block Final Pit

Map Title

Freshwater features for the
Sutton pit extent at Drury Quarry

Date	Drawn by
01/05/2024	Initial version by LD

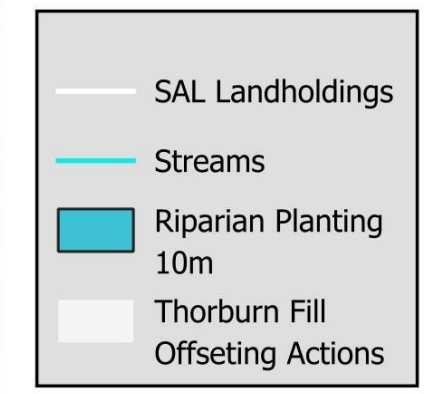
SOURCES
Aerial Photography: Nearmaps
Sutton Pit Extent: Fulton Hogan
Stream Classification: Biosearches
Wetland delineations: Biosearches

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CLIENT / PROJECT
**Stevensons Aggregates
Ltd.**

**Riparian Planting
Peach Hill and Davies
Road**

27 November 2024



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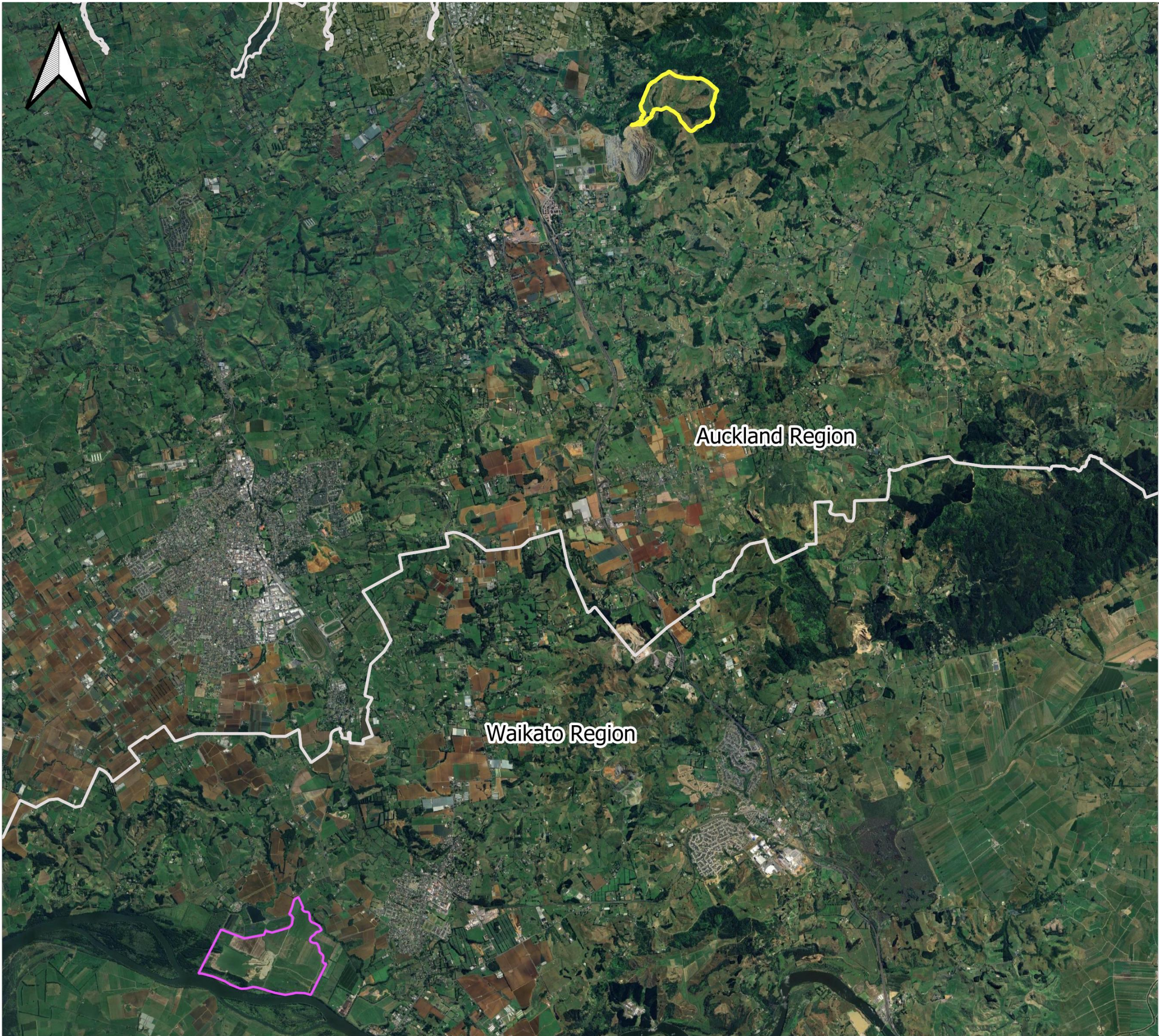
MAP PROJECTION
NZGD2000 / New Zealand Transverse
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SCALE 1:5,000

Job: 64827

Figure 3





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Stevensons Aggregates
Ltd.

**Drury Quarry and Tuakau
Site**

10/02/2025

Legend

-  Sutton Pit Boundary
-  Tuakau Site Boundary

0 1 2 km



Figure 4



DISCLAIMER:
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Legend

- Site boundary
- Covenanted area
- Stream
- Proposed riparian re-vegetation
- Kahikatea stands
- Proposed wetland restoration area

Map Title

Tuakau offset site

Proposed wetland offset and riparian restoration scheme:
Extents determined by offset calculations

Date

Drawn by

14/11/2022

Initial version by L.D

SOURCES

Aerial Photography: Google



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CLIENT / PROJECT
**Stevensons Aggregates
Ltd.**

**Riparian Planting
Peach Hill Road**

27 November 2024

SAL Landholdings

Streams

Riparian Planting
10m

Thorburn Fill
Offsetting Actions

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MAP PROJECTION
NZGD2000 / New Zealand Transverse
Mercator 2000

SCALE 1:2,500

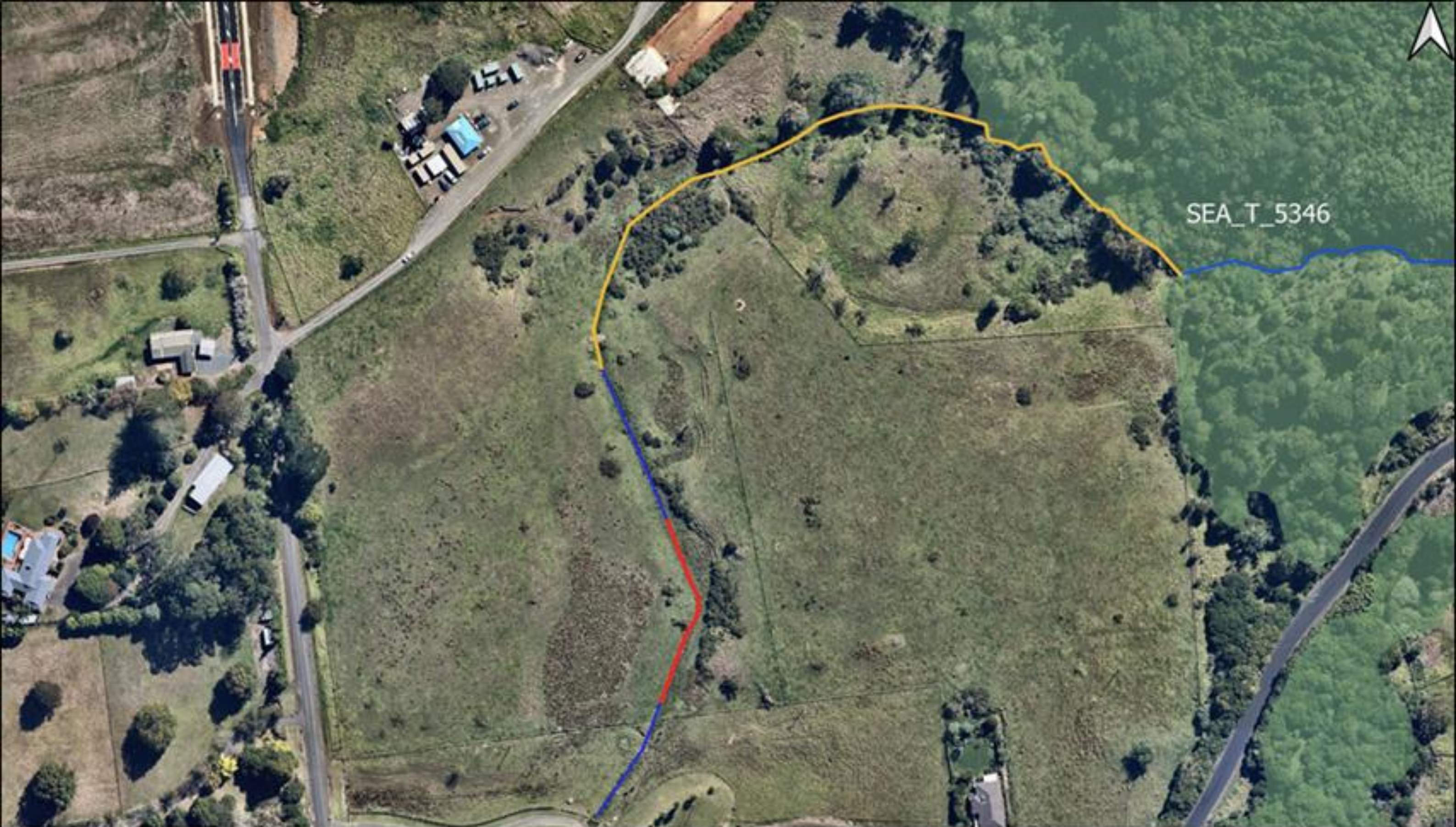


Figure 7

Map Title

SEV reach site locations on the Davies Road area of the Quarry Zone.

Legend

- SEA overlay
- Watercourse
- Upper reach SEV
- Lower reach SEV



Tuakau Offset Opportunities

Drury Quarry Sutton Block

Date: 10/02/25 Drawn By: CG Scale: 1:4000 @ A4

Legend

-  Stream
-  Riparian Offset Planting
-  Existing Kahikatea
-  Proposed Wetland Offset Site

Figure 8



Tuakau Planting Actions

Drury Quarry Sutton Block
Date: 10/02/25 Drawn By: CG Scale: 1:7000 @ A4

- Stream
- Riparian Planting
- Wetland Planting
- Relict Tree Planting indicative location
- Piggott's Wetland
- Existing Kahikatea stand

Figure 10



Indicative Wetland Design

Drury Quarry Sutton Block

Date: 10/02/25 Drawn By: CG Scale: 1:2000 @ A4

Bioresearches 

www.bioresearches.co.nz

Note - Exact levels and planting areas subject to on-site delineation in conjunction with engineers

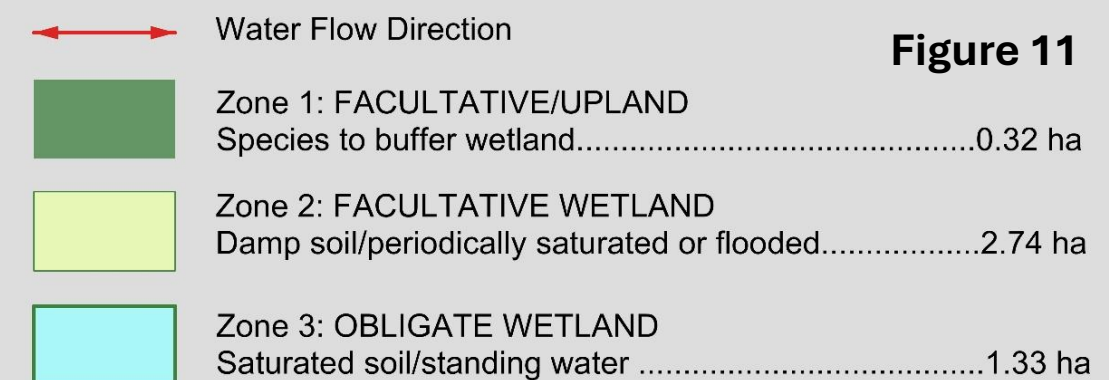
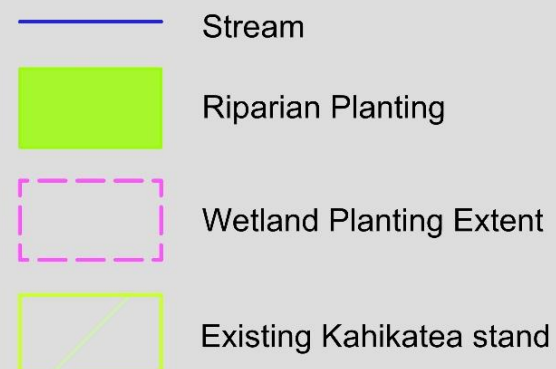


Figure 11



Wetland Cross Sections

Drury Quarry Sutton Block

Date: 10/02/25 Drawn By: CG Scale: 1:2000 @ A4

Bioresearches

www.bioresearches.co.nz

Note - Exact levels and planting areas subject to on-site delineation in conjunction with engineers

- Stream
- Riparian Planting
- Existing Kahikatea stand

- Zone 1
- Zone 2
- Zone 3

--- Cross Section Lines A-C

Figure 12

Indicative Wetland Cross Sections

Drury Quarry Sutton Block - Tuakau Offset Site



www.bioresearches.co.nz

Three intlets to the Western Stream created by lowering bunds and allowing waterflow.
Two outlets to the Waikato River created by lowering bunds and allowing tidal flux of water into and out of the wetland.

Note - Exact levels and planting areas subject to on-site delineation in conjunction with engineers

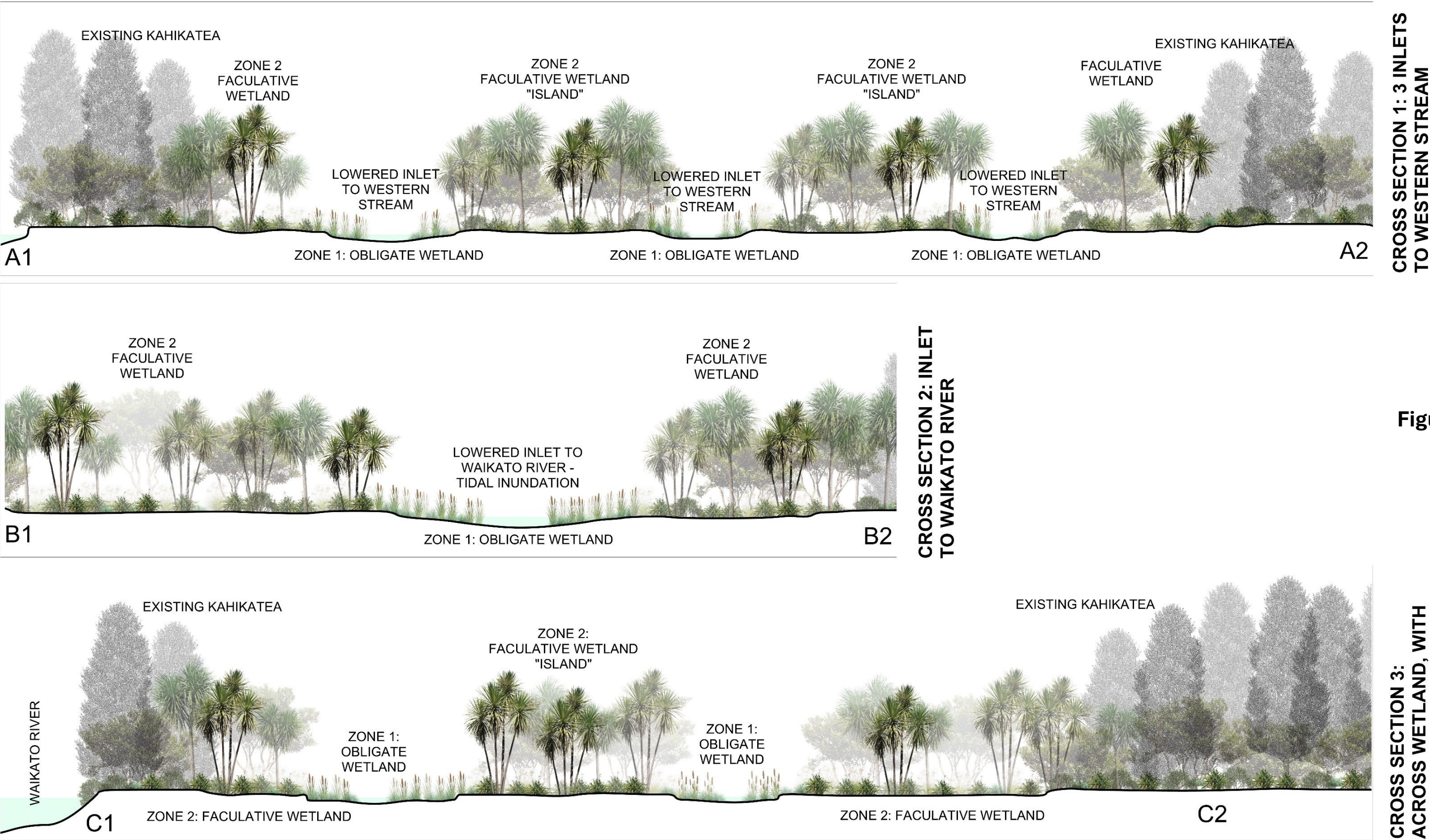
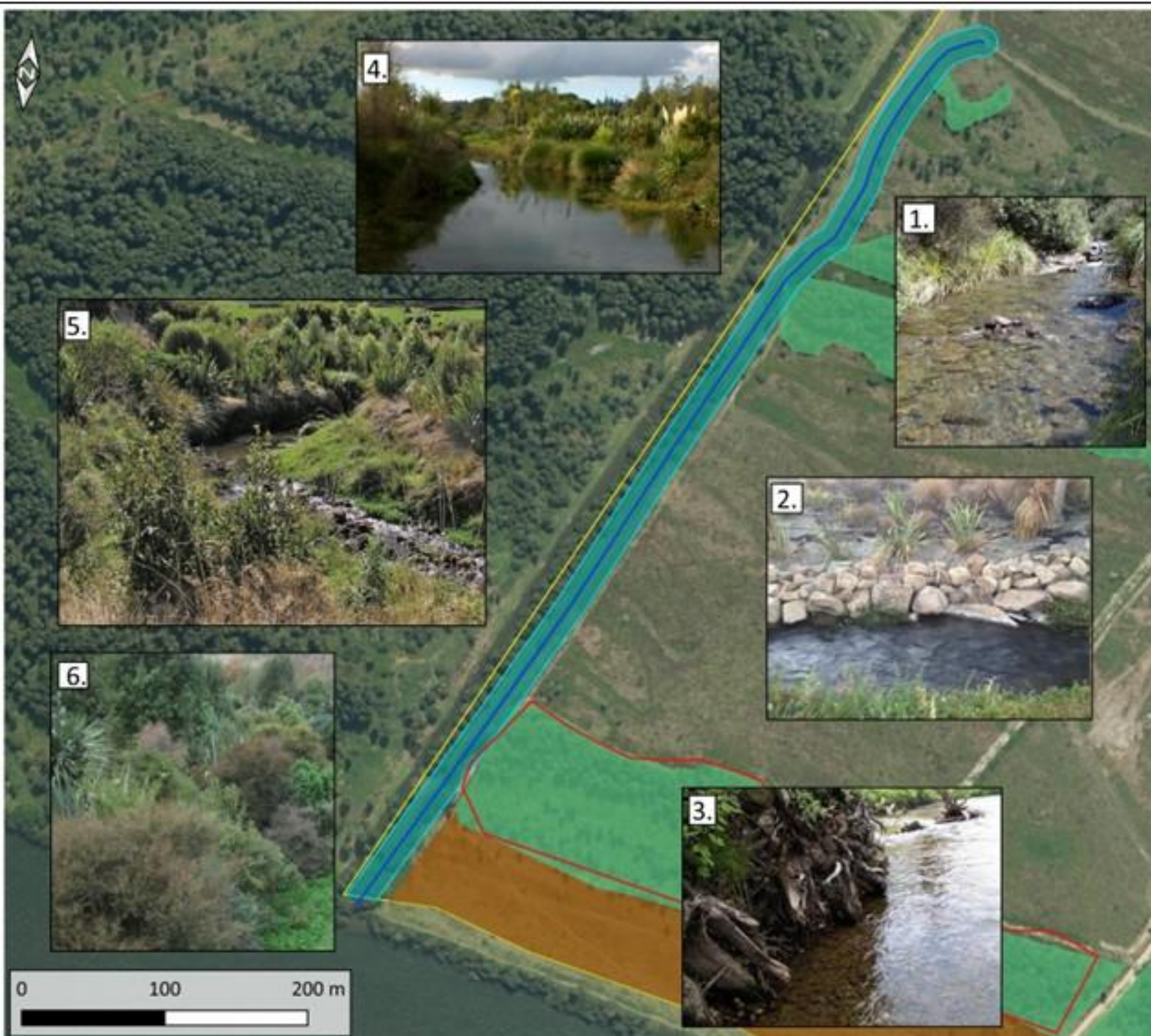


Figure 13



DISCLAIMER:
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Legend

- Stream
- Proposed riparian re-vegetation
- Site boundary

Notes

1. Shallow cobble pool and runs
2. Rock armourment
3. Root wad system
4. Riparian edge planting
5. Slope riparian planting (early stage restoration)
6. Upper bank planting (5 yrs)

Map Title

Tuakau offset site
Indicative stream restoration features - Not Final Plan

Date Drawn by
08/11/2022 Initial version by

SOURCES
Aerial Photography: Nearmaps

Figure 14