

# TAUTORU MAUTAI

## TE KAHU O TE KAIŌ

*An intergenerational reforestation partnership between Wairewa Rūnanga  
and Orion New Zealand*



**TAUTORU  
MAUTAI**

**The Orion Group**





# ***Tautoru Mautai, Tautoru Mauroa, Tautoru Mauora***

**Tautoru Mautai** represents our collective intent to work together to restore the lands and our waterways through reforestation initiatives.

It talks to channelling the courage of **Mautai** (our Wairewa tīpuna) to do innovative and different things to create change and it talks specifically to Orion through the use of the name **Tautoru**.





# The Partnership with Orion

- After three years of negotiation an agreement was signed in February 2023 between Wairewa Rūnanga (through Te Kete O Wairewa Ltd) and Orion New Zealand Ltd (Orion Group).
- This is an intergenerational partnership project with the aim to *‘create a long term cultural and environmental tāoka for the benefit of all’* through the re-establishment of an indigenous forest.
- Orion Group will use carbon units generated by this kaupapa to offset residual operational GHG emissions. This is also seen as an investment back into the community to enhance biodiversity.
- The partnership runs for 35 years and implementation is co-governed and co-managed. After this time, the ngahere, forest is solely within control of the Rūnanga.
- Planting will take 7-10 years and covers up to 280 hectares of the 440 total hectares of land at Te Kaio farm on the Southern Bays of Horomaka/ Te Pataka o Rakaihautū.
- Orion is supplying financial input and expertise in project and forestry management and implementation.
- Te Kete o Wairewa, Wairewa Rūnanga is supplying land and mātauraka Māori, expertise and financial input.

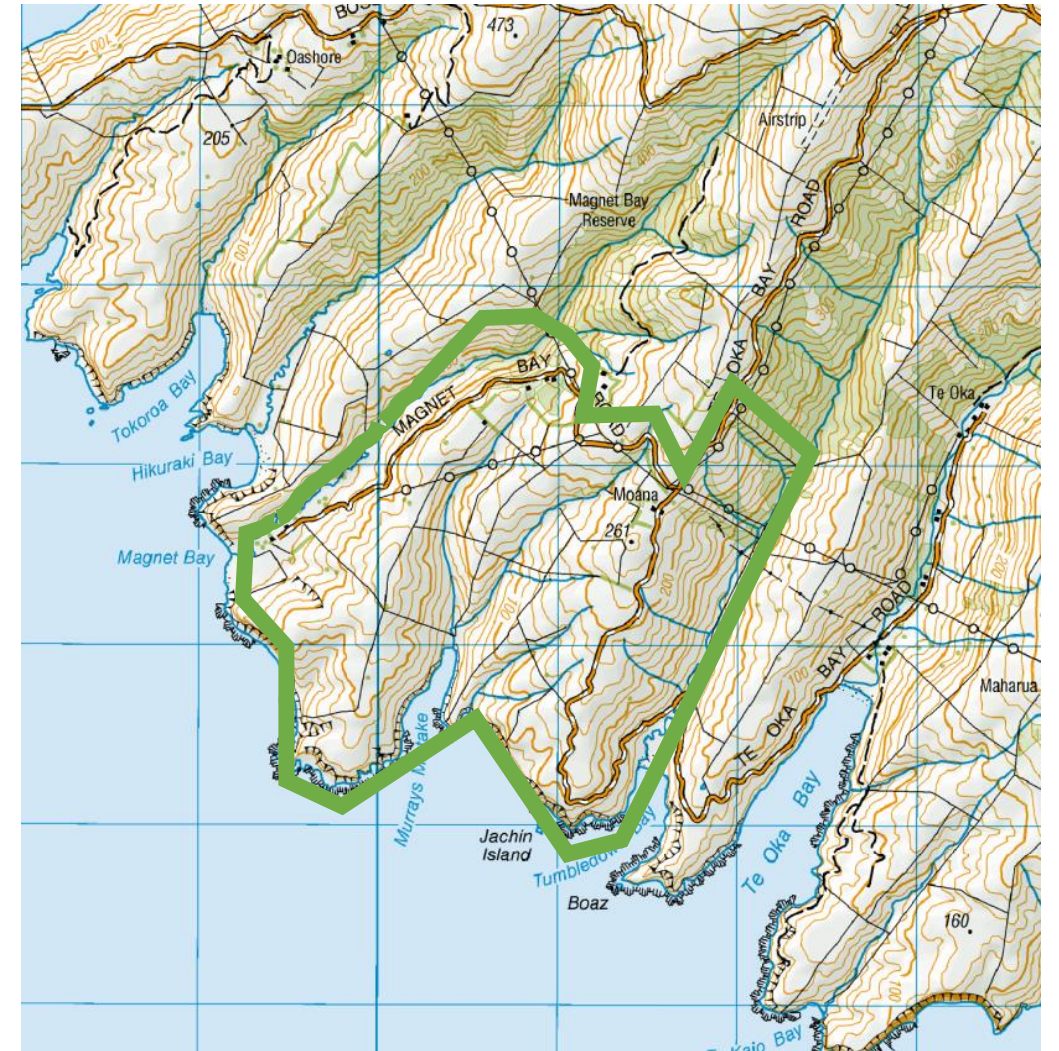
# Key elements of the negotiation

- The agreement is guided by partnership principles, environmental and social outcomes negotiated by the Rūnanga including;
  - an indigenous flora only approach, pathways to restore the whenua, flora and fauna of our tīpuna
  - opportunities for research, innovation and development of new mātauraka
  - sequestration of carbon from the atmosphere (NZUs, carbon credits)
  - job and supplier opportunities for Wairewa, Ngai Tahu and Māori whānau and business
  - protection of historic, archeological and significant sites of value on the whenua.
- Orion is the initial registered ETS participant. There is provision for Wairewa Rūnanga (Te Kete o Wairewa) to become the registered participant at various intervals over the course of the agreement.
- The share of carbon credits received is based on proportion of financial inputs of each party. This includes an additional cultural value component to the land value inputs by Wairewa Rūnanga.
- The agreement process has become a blueprint for how Wairewa negotiates, leads, takes whānau and Rūnanga members on the journey and asserts mana motuhake in our takiwā.





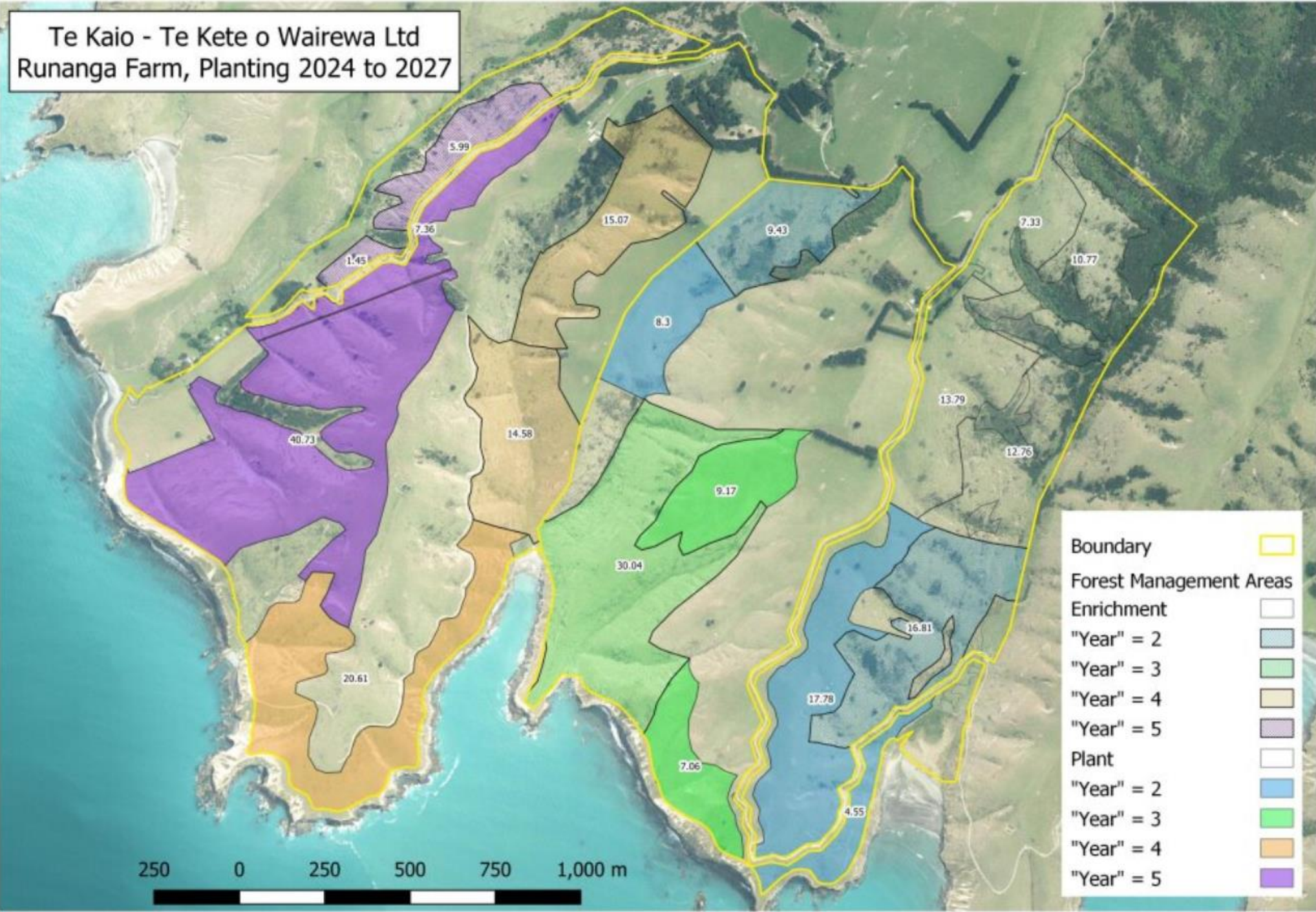
# Location of Te Kaiō





Te Kaio - Te Kete o Wairewa Ltd  
Runanga Farm, Planting 2024 to 2027

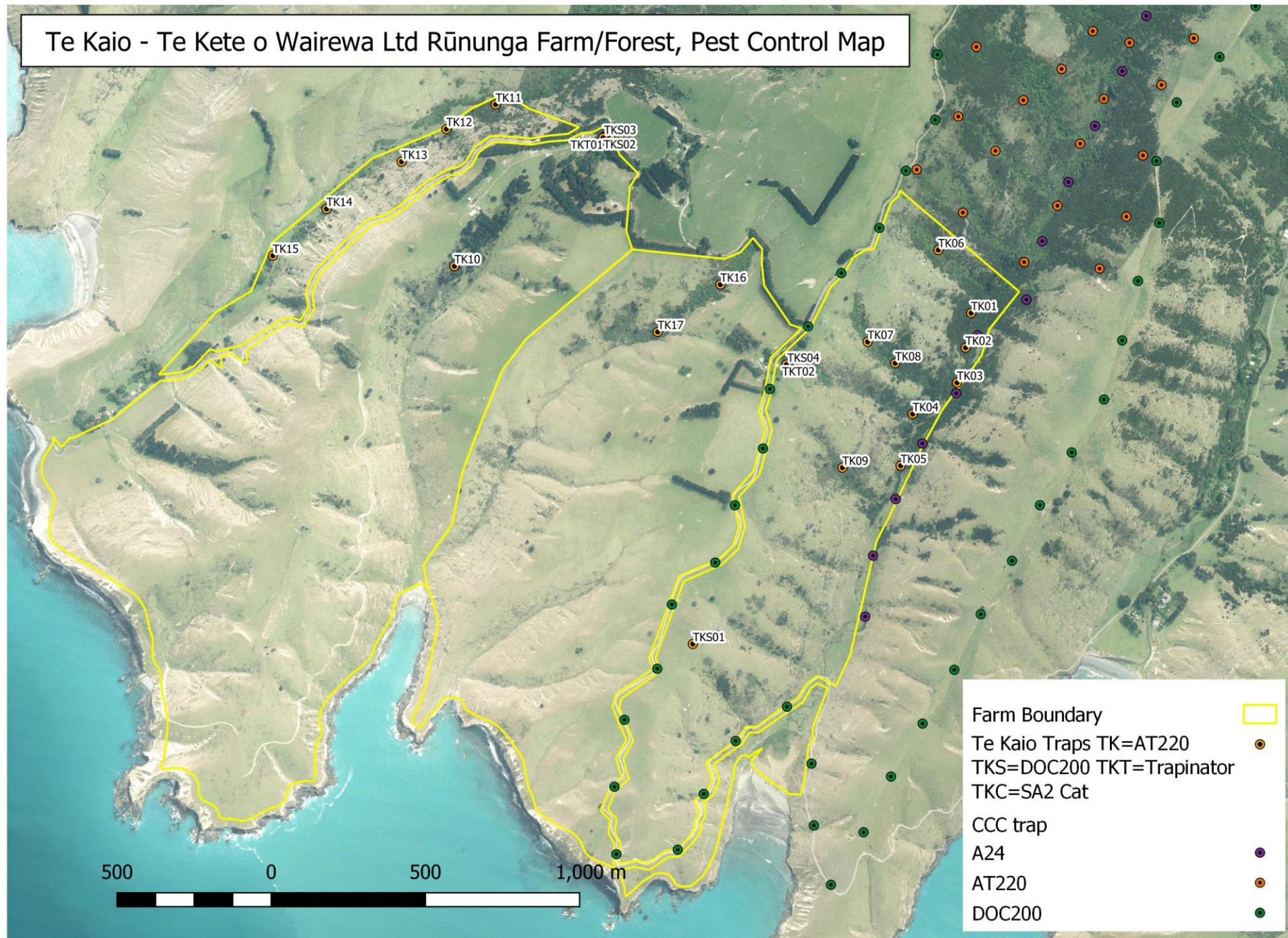
Plan:  
Years  
2-5  
(2024 -  
2027)





## Te Kaio - Te Kete o Wairewa Ltd Rūnunga Farm/Forest, Pest Control Map

# Pest control on Te Kaiō





# Tools and methods

1:16 81%

**NZAutoTraps**

Connected to TK07

00:31 **SET** No W

**Pump** **Motor** **Bar** **Cam**

**Bar state**  
Reset is good

Eye 1 1000	Eye 2 1743	Light levels 2999	2157
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Triggers 17	All cycles 18	Possums 14
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Last reset  
20230818 12:23 **Reset**

Day/Night Day	Timer 0
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X 0	Y 0	Z 0	Detect -	<b>Detect</b>
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**Enable Manual Control**

**ARM** **! FIRE !**

**RUN**

Comms **Trap** Pump Tech Sync

9:30

**My Survey123**

Search

**Tautoru Mautai Monitoring Plot ...**

**Tautoru Mautai Trap Record Form**

9:30

**Tautoru Mautai Traps**

Date  
Monday, 8 April 2024

Trap Code \*

Species \*

☐ Rat or Mouse

☐ Possum

☐ Rabbit or Hare

☐ Stoat

Quantity \*

Pest Quantity (per species).





We have a guy and gal..with a very particular set of skills...





# 665

pests removed since  
August 2023

## Total By Species:

- Hares – 105
- Possum – 190
- Mice/Rat – 313
- Magpie – 42
- Stoat – 3
- Cat – 9
- Deer – 3

# Pest control





# What is our why?

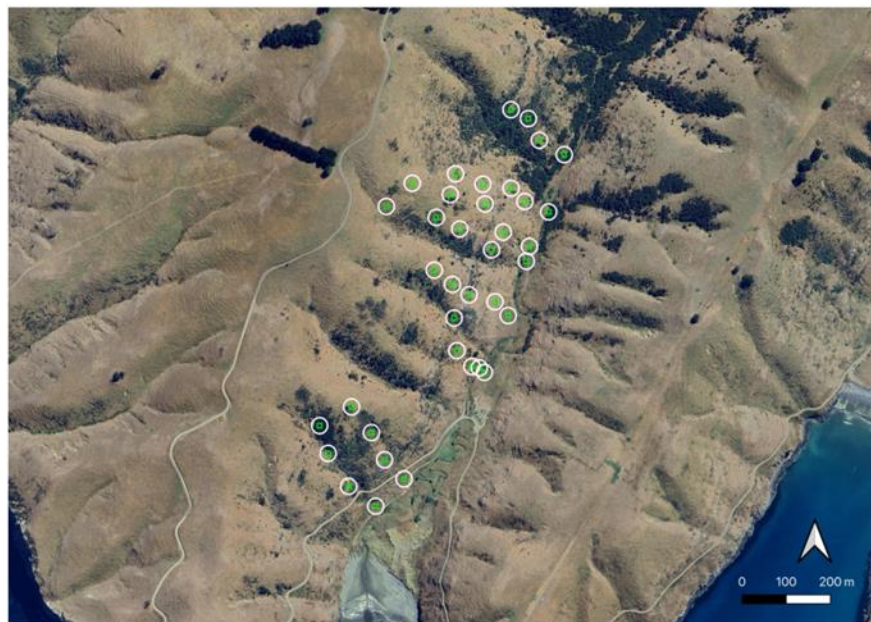


Figure 2. At each sampling location, we first conducted a 5-minute bird count, where we identified and counted all birds seen or heard within 25m of sampling location (white circles). We then identified all woody plant species present and estimated percent canopy cover for each within a 1-x1-m quadrat centred on the sampling location (green squares).





# *The Recloaking of Banks Peninsula/Te Pātaka o Rākaihautū*



Acknowledgement: Frank Films



# HE PĀTAI TĀKU



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The *Orion* Group

