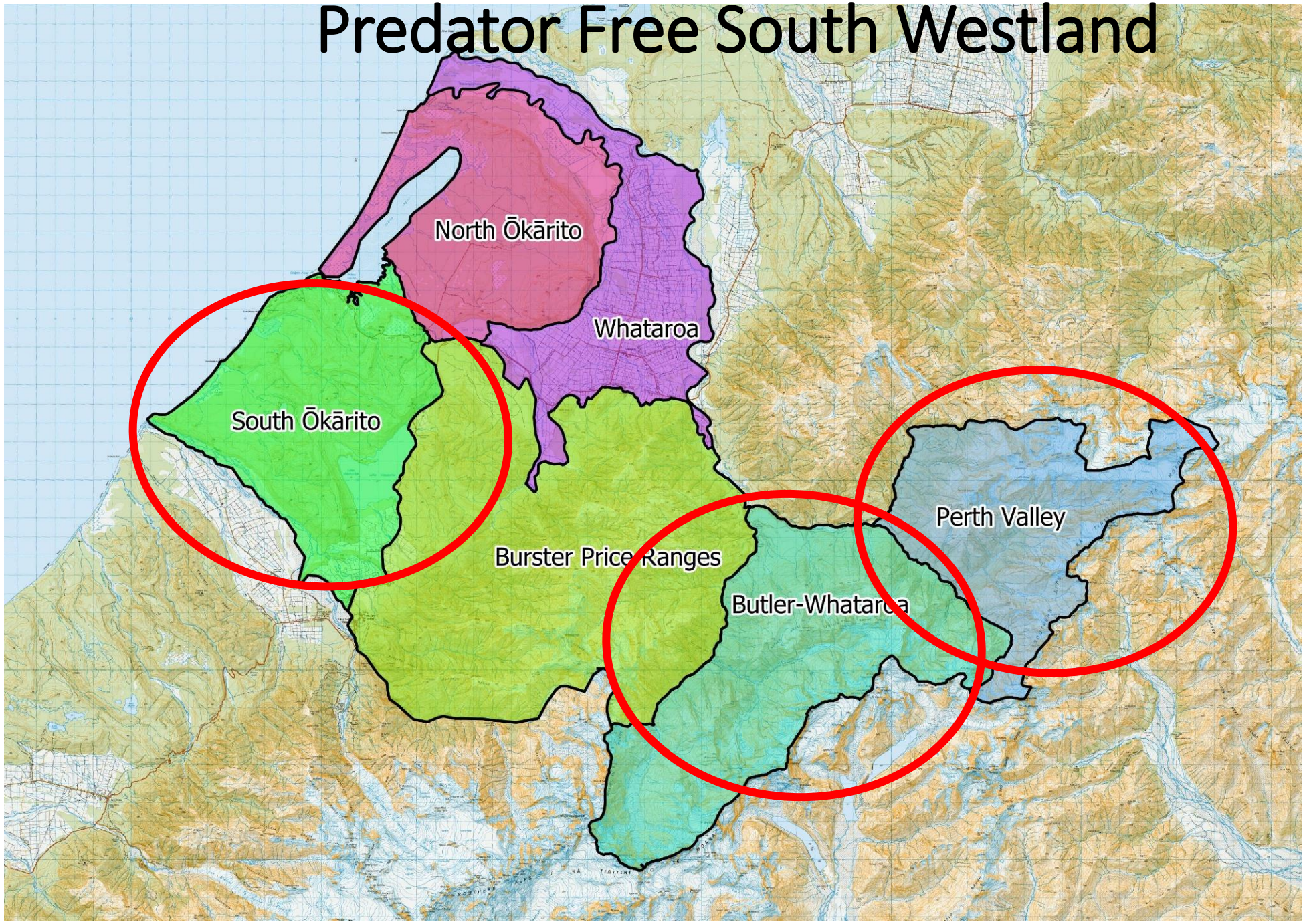
Farmlands

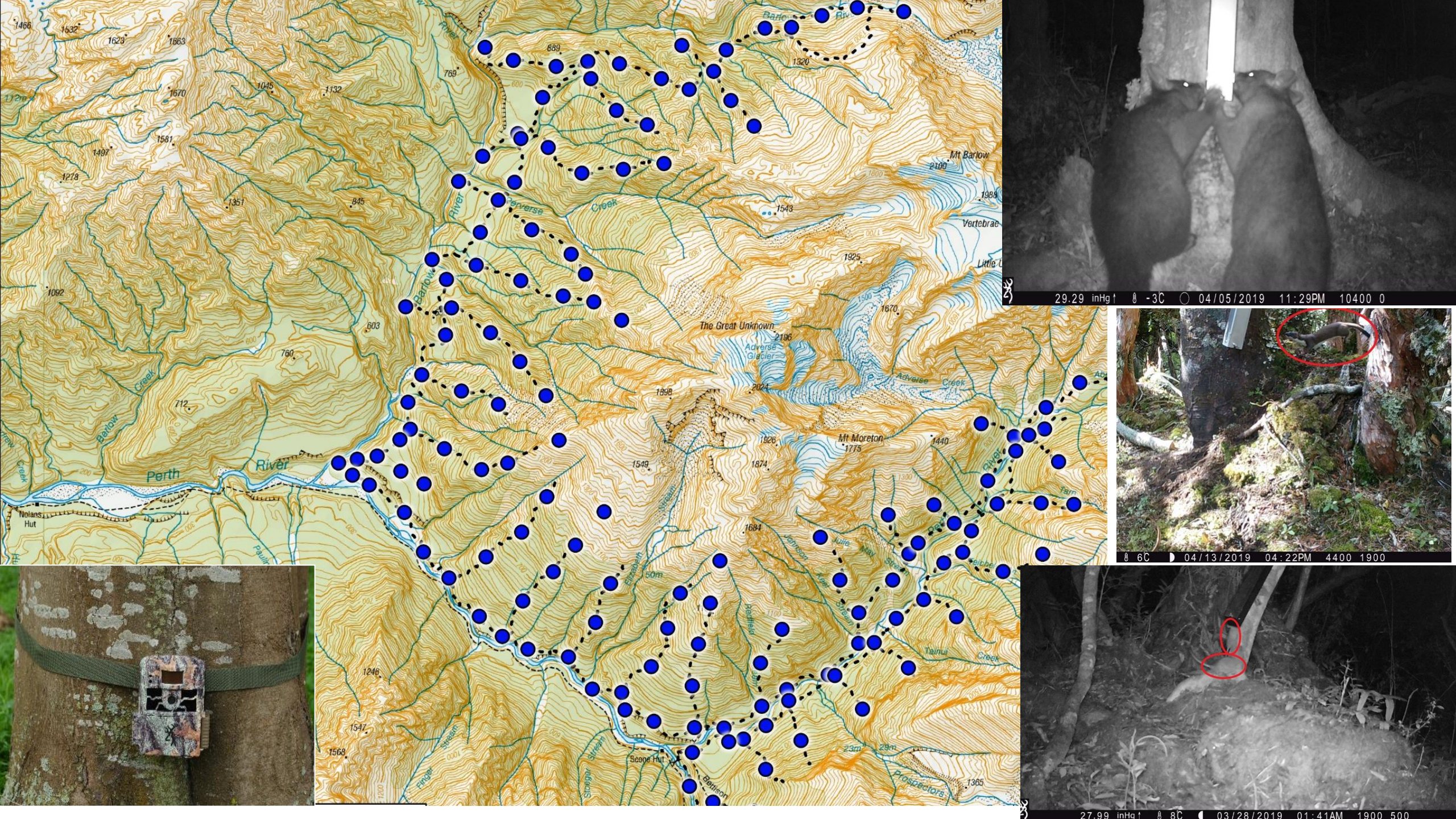
Predator Free South Westland



28.26 inHg -4C 06/03/2018 06:46PM V1650

25.66 inHg 21C 06/05/2018 10:12AM CAMERA1

28.73 inHg -1C 05/06/2018 08:24PM CAMERA1

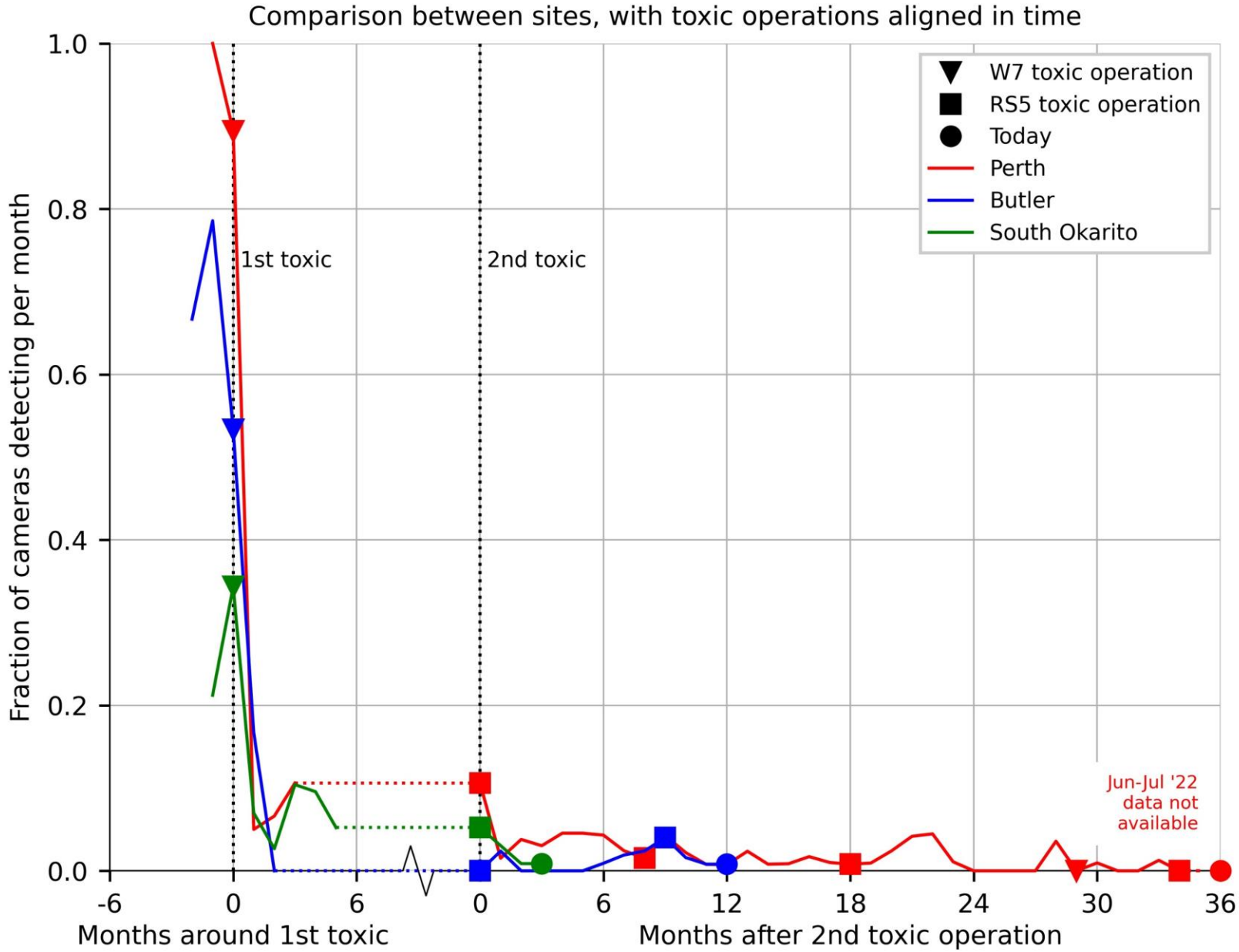


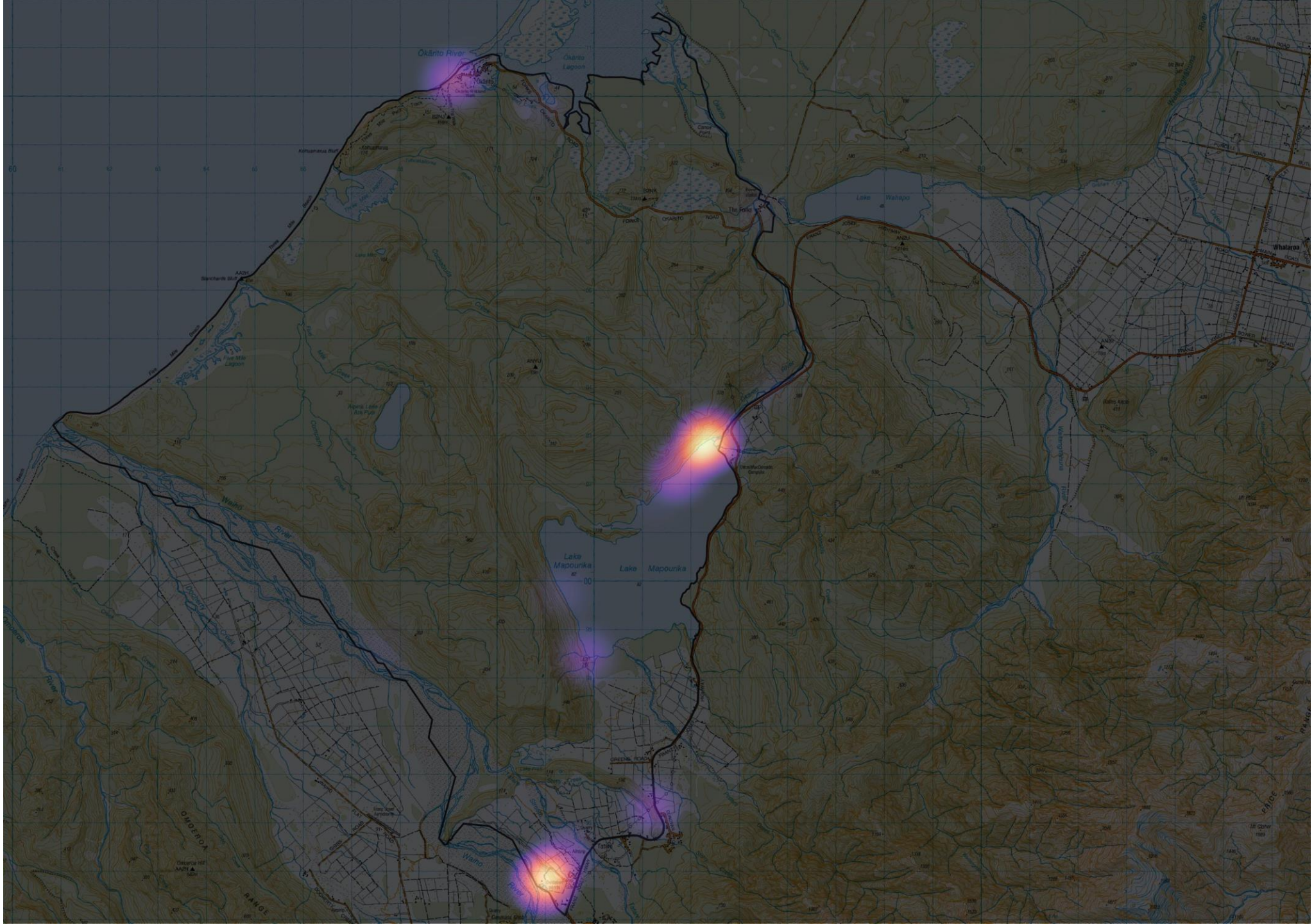
Perth River
Barlow River
Perverse Creek
Mt Barlow
Vertebrae
The Great Unknown
Adverse Glacier
Adverse Creek
Mt Moreton
Nolans Hut
Scone Hut
Prospectors
29.29 inHg -3C 04/05/2019 11:29PM 10400 0
6C 04/13/2019 04:22PM 4400 1900
27.99 inHg 8C 03/28/2019 01:41AM 1900 500

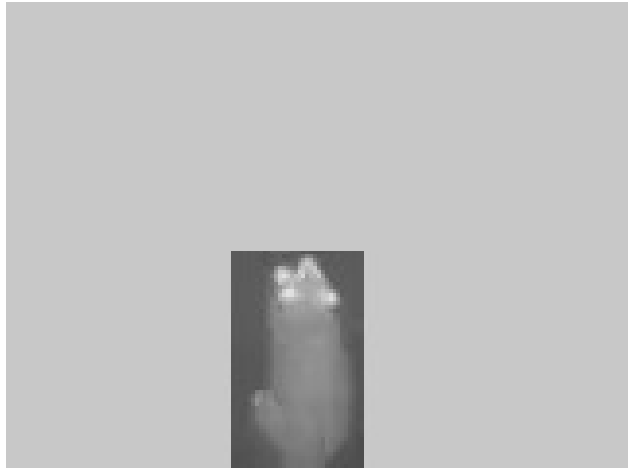
Percentage of established cameras
100
90
80
70
60
50
40
30
20
10
0
Rats
Stoats
Possums
ation op
eatment
acoum pellets (begin)
acoum paste (begin)
odent trial
May
Legend
1-2 spot treatments
3+ spot treatments
Cameras in 3+ spot treatments
Cameras in 1-2 spot treatments
Cameras in 0 spot treatments
Perth River Valley Protected area
0
2.5
5 km
MOANA
CLOUDY
PEAK
SOUTHERN
BUTLER
RANGE
Perth
River

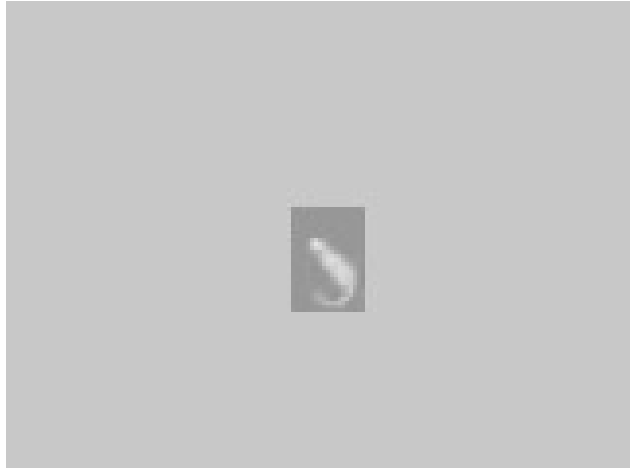
28.14 inHg - 6℃ 07/02/2020 05:03PM 5100 500

Monthly Possum Detections on Long-Term Cameras

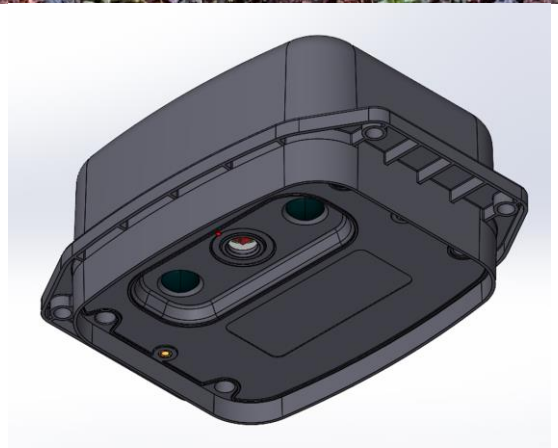



Ōkārito River
Ōkārito Lagoon
Lake Wahapo
Whataroa
Lake Mapourika
Lake Mapourika
Waiho River
Waiho River
Omoeroa River
Omoeroa Range
Five Mile Lagoon
Kohuamanus Bluff
Blanchards Bluff
The Forks
Tatare





possum [97.71]



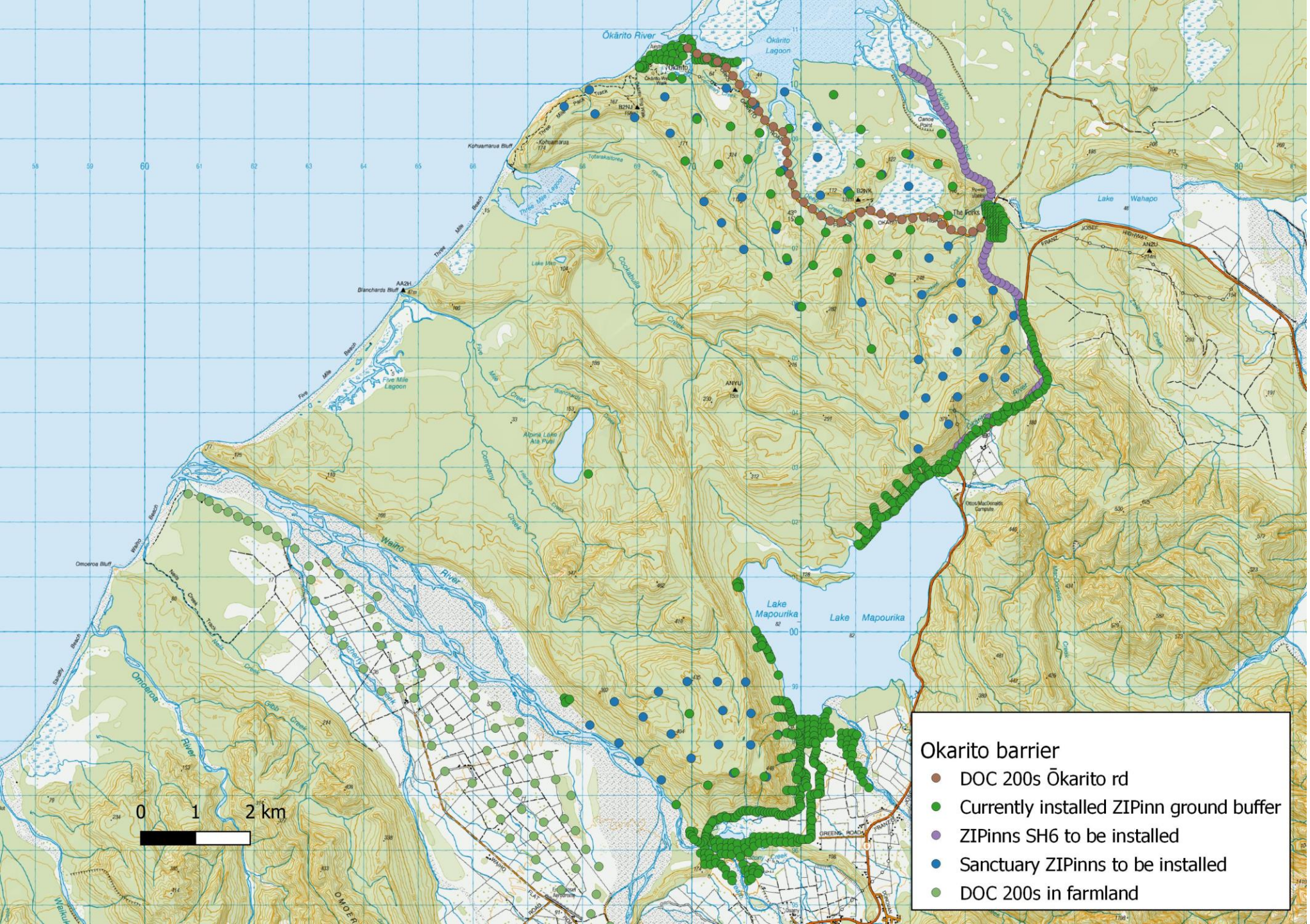
eDNA development

4 sites in Perth

Detected: mice, tahr, deer, chamois, tomtit, tui, silvereye, chaffinch, paradise shelduck, whio, koaro

No rats were detected

Live rats in cages
Sample downstream
  1m, 10m, 100m, 500m
  12, 24 hours & 2, 4, 8, 16 days
Dead rat persistence


Okarito barrier
DOC 200s Ōkarito rd
Currently installed ZIPinn ground buffer
ZIPinns SH6 to be installed
Sanctuary ZIPinns to be installed
DOC 200s in farmland
0 1 2 km
Ōkārito River
Ōkārito Lagoon
Lake Wahapo
Lake Mapourika
Five Mile Lagoon
Waiho River
Omoeroa River
The Forks

6 C 27.14 inHg 1200 700 06/06/2021 11:38:44AM