

# 1

91010



910100



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SUPERVISOR'S USE ONLY

## Level 1 Geography, 2019

### 91010 Apply concepts and basic geographic skills to demonstrate understanding of a given environment

2.00 p.m. Friday 8 November 2019  
Credits: Four

Achievement	Achievement with Merit	Achievement with Excellence
Apply concepts and basic geographic skills to demonstrate understanding of a given environment.	Apply concepts and basic geographic skills to demonstrate in-depth understanding of a given environment.	Apply concepts and basic geographic skills to demonstrate comprehensive understanding of a given environment.

Check that the National Student Number (NSN) on your admission slip is the same as the number at the top of this page.

**You should attempt ALL the questions in this booklet.**

Pull out Resource Booklet 91010R from the centre of this booklet.

If you need more room for any answer, use the extra space provided at the back of this booklet.

Check that this booklet has pages 2–15 in the correct order and that none of these pages is blank.

**YOU MUST HAND THIS BOOKLET TO THE SUPERVISOR AT THE END OF THE EXAMINATION.**

**TOTAL**

ASSESSOR'S USE ONLY

Before answering the questions in this booklet, read **Resource A** on page 2 of the resource booklet, which introduces Cape Kidnappers.

**QUESTION ONE: THE CAPE KIDNAPPERS ENVIRONMENT**

Use **Resource B** on page 3 of the resource booklet to answer part (a).

- (a) Name the two hemispheres in which New Zealand is located.

Hemisphere 1: \_\_\_\_\_

Hemisphere 2: \_\_\_\_\_

Use **Resource C** on page 4 of the resource booklet to answer parts (b) to (d).

- (b) Describe, in detail, the natural features of the Cape Kidnappers coastline.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

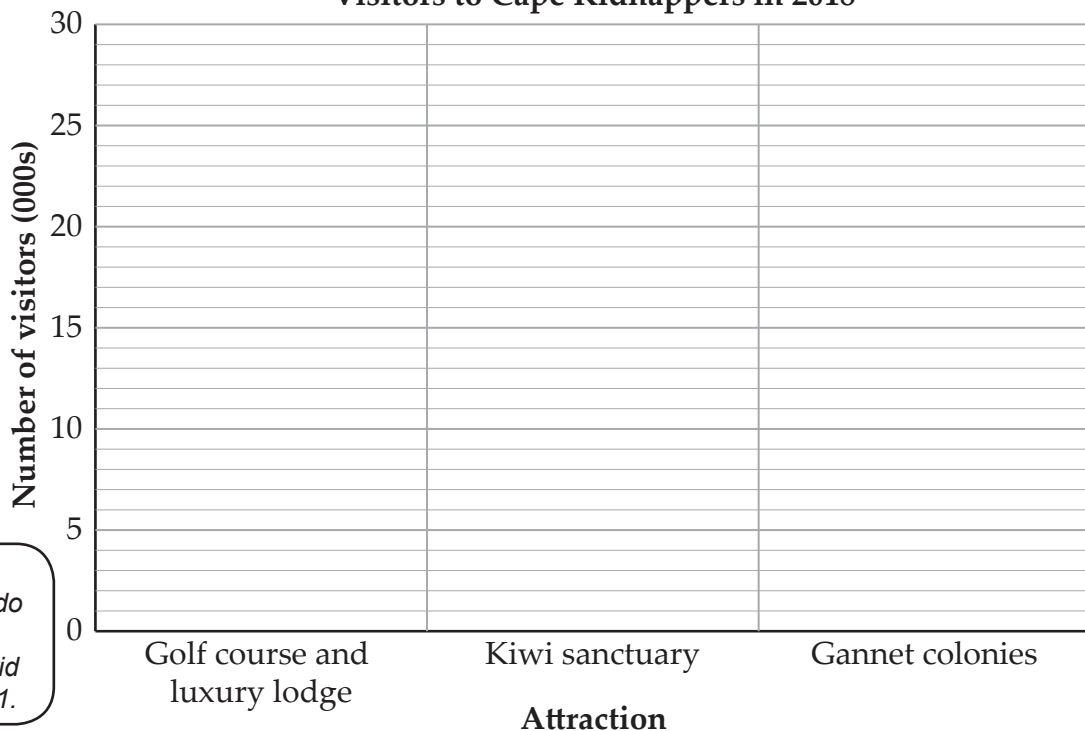
\_\_\_\_\_

- (c) What is the straight-line distance from the golf clubhouse to the Saddle Gannet Colony at GR 515862?

\_\_\_\_\_

- (d) Complete the bar graph below to show the number of tourists who visited attractions at Cape Kidnappers in 2018.

**Visitors to Cape Kidnappers in 2018**



*If you need to redo this task, use the grid on page 11.*

Read the geographic concept below and refer to it, as well as **Resources A** and **C**, when answering part (e).

**Geographic concept: Environments**

Environments may be natural and / or cultural. They have particular characteristics and features, which can be the result of natural and / or cultural processes.

Cape Kidnappers is a tourist destination because of both its natural and cultural characteristics.

Choose (✓) which ONE of these you think is most important to tourism at Cape Kidnappers:

Natural characteristics

Cultural characteristics

(e) Fully explain how the characteristic you chose is most important to tourism at Cape Kidnappers.

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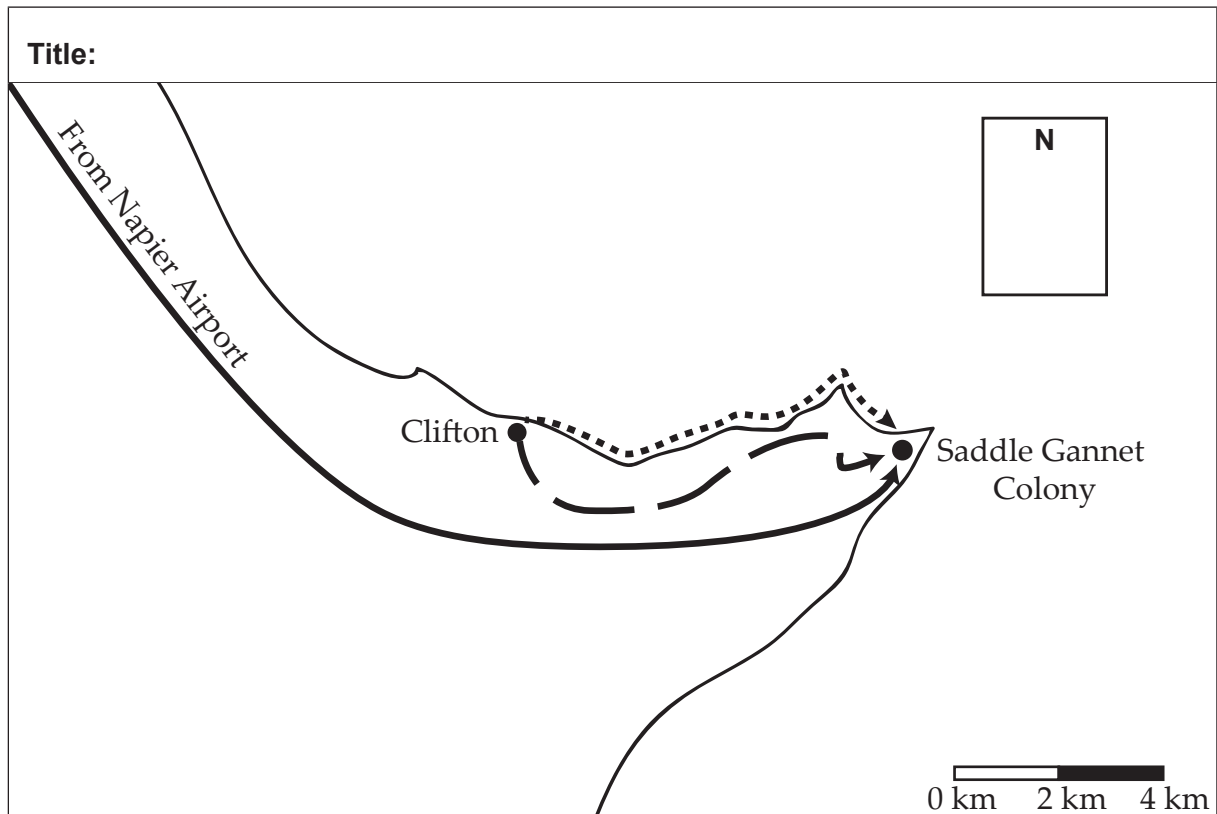
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**QUESTION TWO: ACCESSIBILITY OF CAPE KIDNAPPERS**

Use **Resource D** on page 5 of the resource booklet to answer parts (a), (b), and (c).

- (a) The map below shows the main ways people access the Saddle Gannet Colony at Cape Kidnappers.

Complete the map by including geographic conventions.

**Key**

<input type="checkbox"/>	Tractor (1.5 hours to Cape)
<input type="checkbox"/>	Overland safari bus (1 hour to Cape)
<input type="checkbox"/>	Helicopter (10 minutes to Cape)

- (b) Complete the table to show how much each transport type costs:

Transport type	Cost per adult
	Free
	\$48
	\$88
	\$800

- (c) It takes an average person 5 hours to walk to the Saddle Gannet Colony, view the gannets, and return to Clifton safely. People must not be anywhere on the walk within 3 hours of high tide.

Based on the tide chart below, what would be the earliest departure and return time from Clifton?

	High	Low	High	Low	High
Thu 24 Jan	–	2.00 a.m.	8.00 a.m.	2.00 p.m.	8.00 p.m.

Departure time from Clifton: \_\_\_\_\_

Return time back at Clifton: \_\_\_\_\_

- (d) Choose the weather map below that would best suit a walk to Cape Kidnappers, and give a reason for your choice.

**Weather Map A**

**Weather Map B**



Weather map: \_\_\_\_\_

Reason: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Question 2 continues on page 6 >**

Read the geographic concept below and refer to it, as well as **Resource D** and your answers to parts (a) to (d), when answering part (e).

**Geographic concept: Accessibility**

Accessibility refers to the ability to reach one place from another. It can be defined using time, distance, cost, and / or ease of travel.

(e) Considering time, cost, and transport type, fully explain how accessible Cape Kidnappers is for people.

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The examination continues on the following page.**


### QUESTION THREE: SUSTAINABILITY OF CAPE KIDNAPPERS

Use **Resource E** on pages 6 and 7 of the resource booklet to answer parts (a) to (d).

(a) On the précis sketch below, locate and label the following:

- the Saddle Gannet Colony
- the area of land that was lost in the slip in 2018.

Ensure you use geographic conventions.

<b>Title:</b>	
<p><i>If you need to redo this task, use the sketch on page 12.</i></p> 	

#### Key

Saddle Gannet Colony	
Area of land lost in slip	



(b) Describe, in detail, ONE environmental problem that each land-use area at Cape Kidnappers faces.

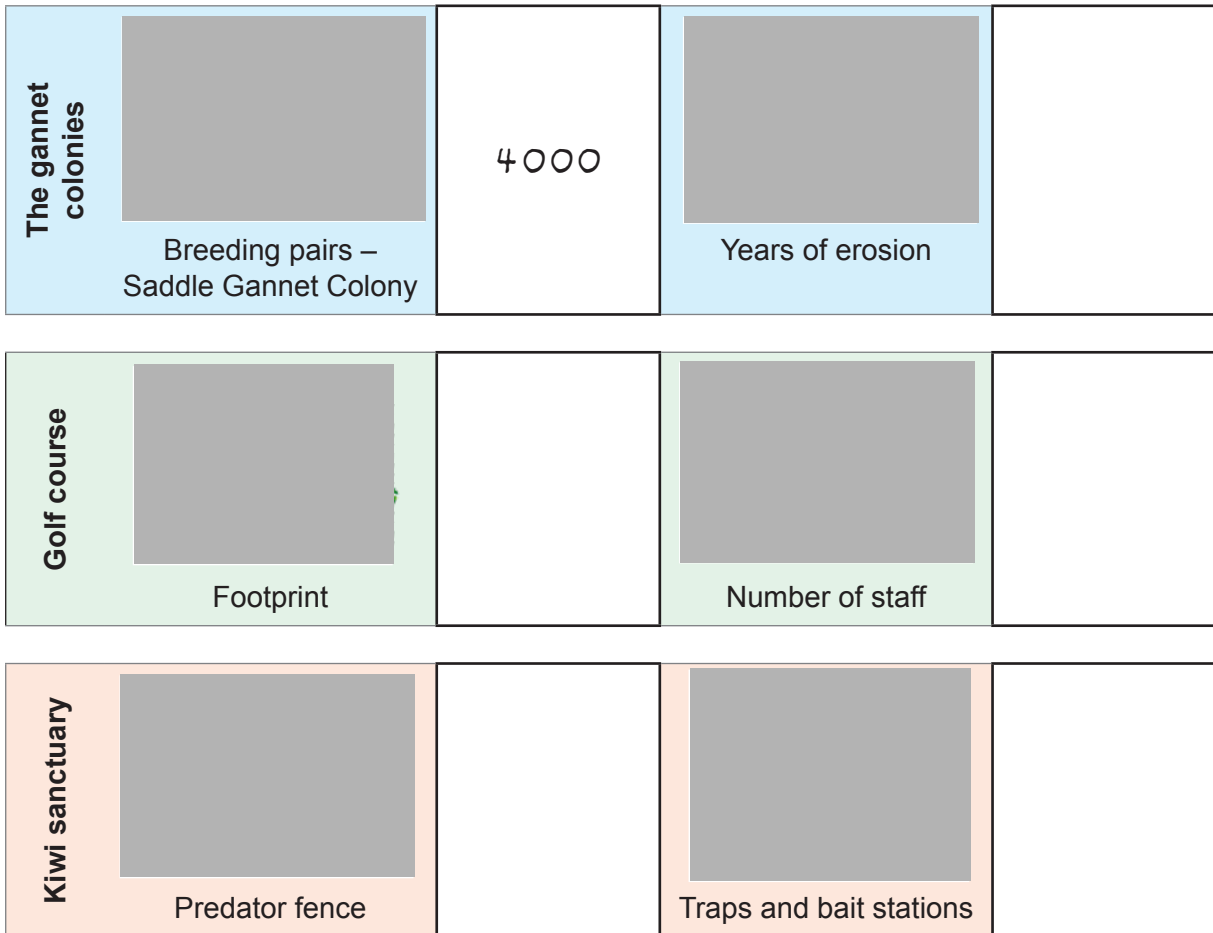
Gannet tourism: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Golf course: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Kiwi sanctuary: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

(c) Complete the infographic below to show statistics related to sustainability at Cape Kidnappers (the first one has been done for you):

**Cape Kidnappers by the numbers**



**Question 3 continues on page 10 >**

Read the geographic concept below and refer to it, as well as the resource booklet, when answering part (d).

**Geographic concept: Sustainability**

Sustainability involves ways of thinking that allow people to meet their needs and aspirations without preventing future generations from meeting theirs. It may be achieved by preventing, limiting, or correcting environmental damage to water, air, and soil, as well as considering problems related to waste, noise, and visual pollution.

- (d) Fully explain whether you think Cape Kidnappers is an example of a sustainable or unsustainable use of an environment.

*I think Cape Kidnappers is an example of a sustainable/unsustainable (circle one) environment because...*

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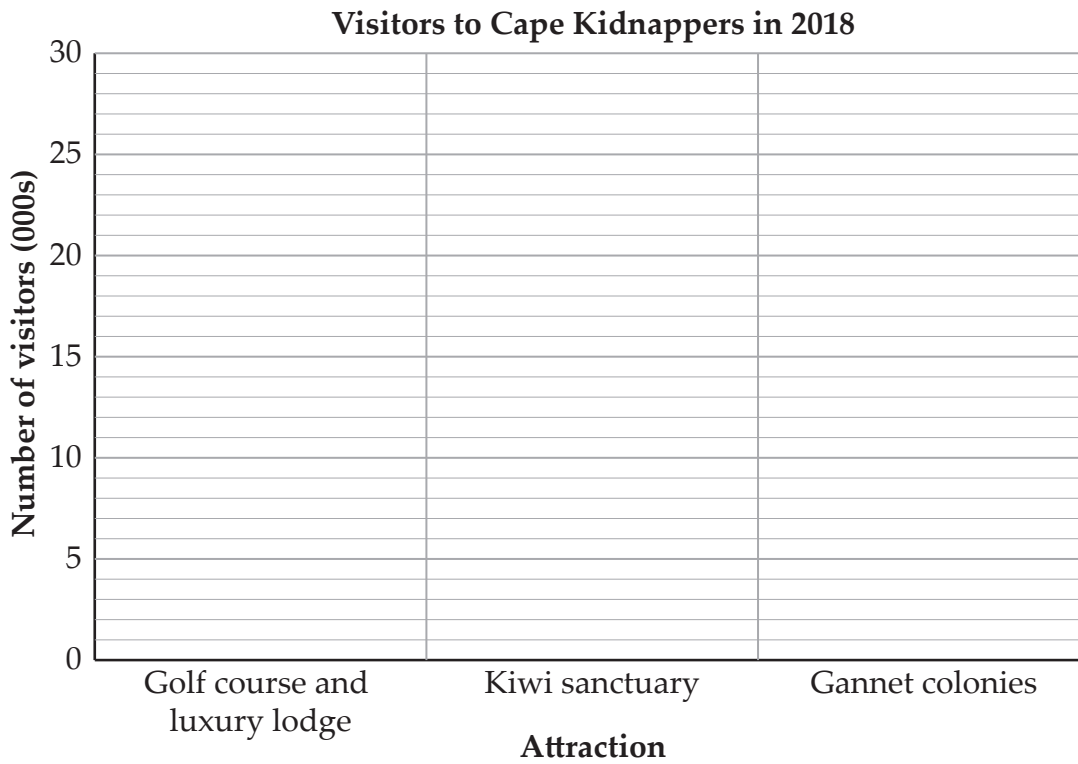
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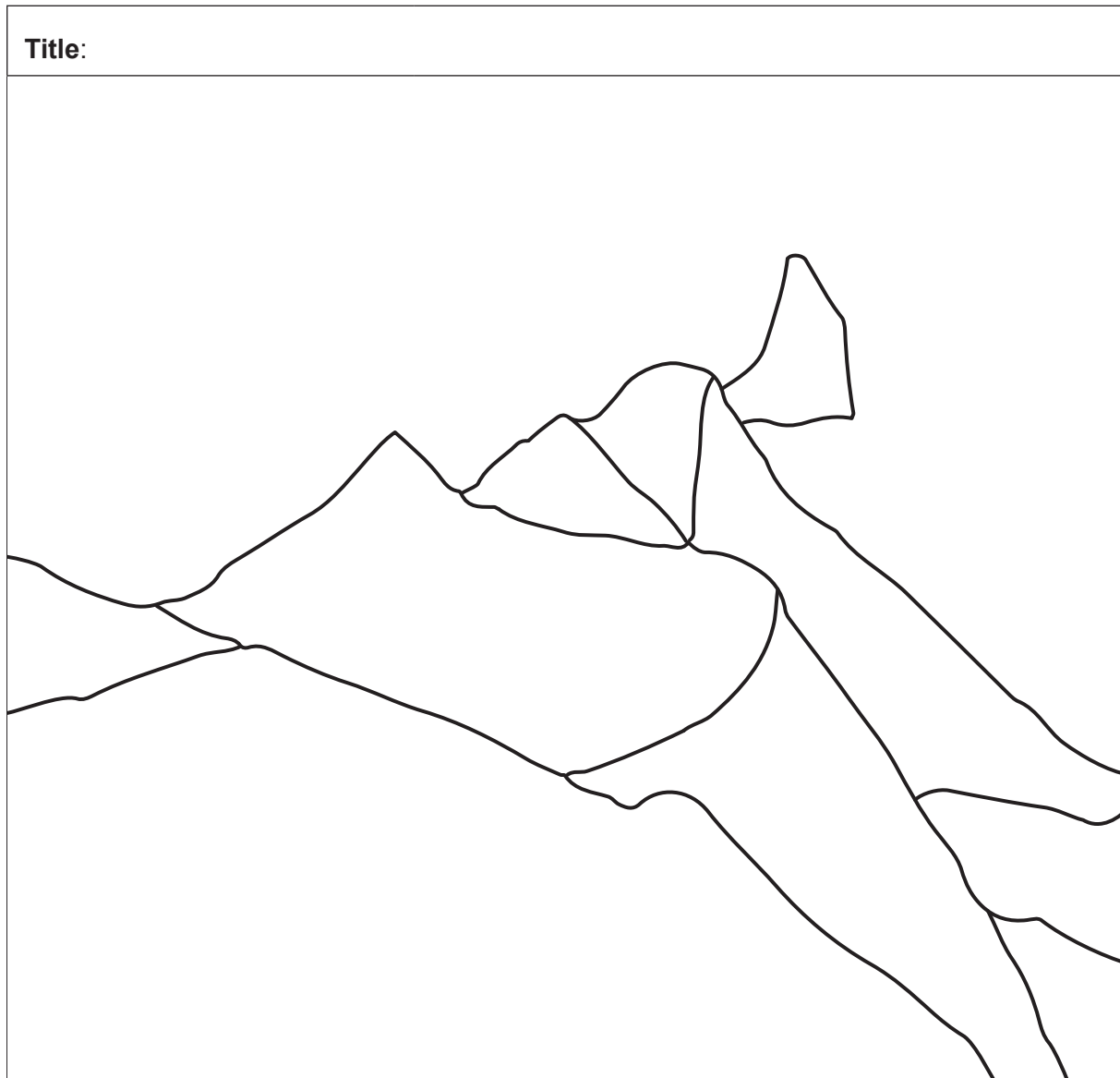
**SPARE GRAPH**

If you need to redo Question One (d), use the grid below. Make sure it is clear which answer you want marked.



## SPARE PRÉCIS SKETCH

If you need to redo Question Three (a), use the précis sketch below. Make sure it is clear which answer you want marked.



### Key

Saddle Gannet Colony	
Area of land lost in slip	





### Acknowledgements

Material from the following sources has been adapted for use in this examination:

#### Question Two

Map A: <https://blog.metservice.com/wp-content/uploads/2009/05/map.jpg>

Map B: [http://www.weatherwatch.co.nz/sites/all/files/featured\\_story/picture-5570.jpg](http://www.weatherwatch.co.nz/sites/all/files/featured_story/picture-5570.jpg)

#### Question Three

Gannets: [https://www.visitengland.com/sites/default/files/styles/experience\\_page\\_consumer\\_gallery\\_image/public/gannets-copyright-steve-race\\_0.jpg](https://www.visitengland.com/sites/default/files/styles/experience_page_consumer_gallery_image/public/gannets-copyright-steve-race_0.jpg)

Erosion: <https://resources.stuff.co.nz/content/dam/images/1/t/k/n/1/z/image.related.StuffLandscapeSixteenByNine.1240x700.1tkkoa.png/1548293522614.jpg>

Footprint: <https://www.kisspng.com/png-carbon-footprint-sustainability-natural-environmen-847636/>

Mower: [https://www.tallisamosgroup.co.uk/sites/default/files/styles/large\\_crop/public/\\_golf\\_walk\\_2.jpg](https://www.tallisamosgroup.co.uk/sites/default/files/styles/large_crop/public/_golf_walk_2.jpg)

Fence: <https://www.robertsonlodges.com/experiences/the-sanctuary>

Traps: [https://www.nzherald.co.nz/nz/news/article.cfm?c\\_id=1&objectid=12204728](https://www.nzherald.co.nz/nz/news/article.cfm?c_id=1&objectid=12204728)

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