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SUPERVISOR'S USE ONLY

Tick this box if you  
have NOT written  
in this booklet

## Level 1 Geography 2022

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

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 parts of the question 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 2–8 in the correct order and that none of these pages is blank.

Do not write in any cross-hatched area (X/X/X). This area may be cut off when the booklet is marked.

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

**QUESTION**

Use Resource A to answer (a) to (d).

**Location** refers to the position of something on the earth's surface and can be given in relation to other objects.

- (a) Describe the location of Lake Waikaremoana. Use specific evidence to support your answer.

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- (b) How has the Te Urewera Act 2014 created positive change for Ngāi Tūhoe? Use specific evidence to support your answer.

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- (c) (i) How many power stations are there in the Waikaremoana Power Scheme?

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- (ii) Which power station of the Waikaremoana Power Scheme receives water from Lake Waikaremoana first?

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**Environments** may be natural and / or cultural. They have particular characteristics and features.

The Lake Waikaremoana environment is important to groups such as:

- trampers
- hunters
- power companies
- Ngāi Tūhoe.

(d) Choose (✓) ONE group and explain how the natural and/or cultural characteristics of the Lake Waikaremoana environment make it important to your chosen group.

☐ trampers      ☐ hunters      ☐ power companies      ☐ Ngāi Tūhoe

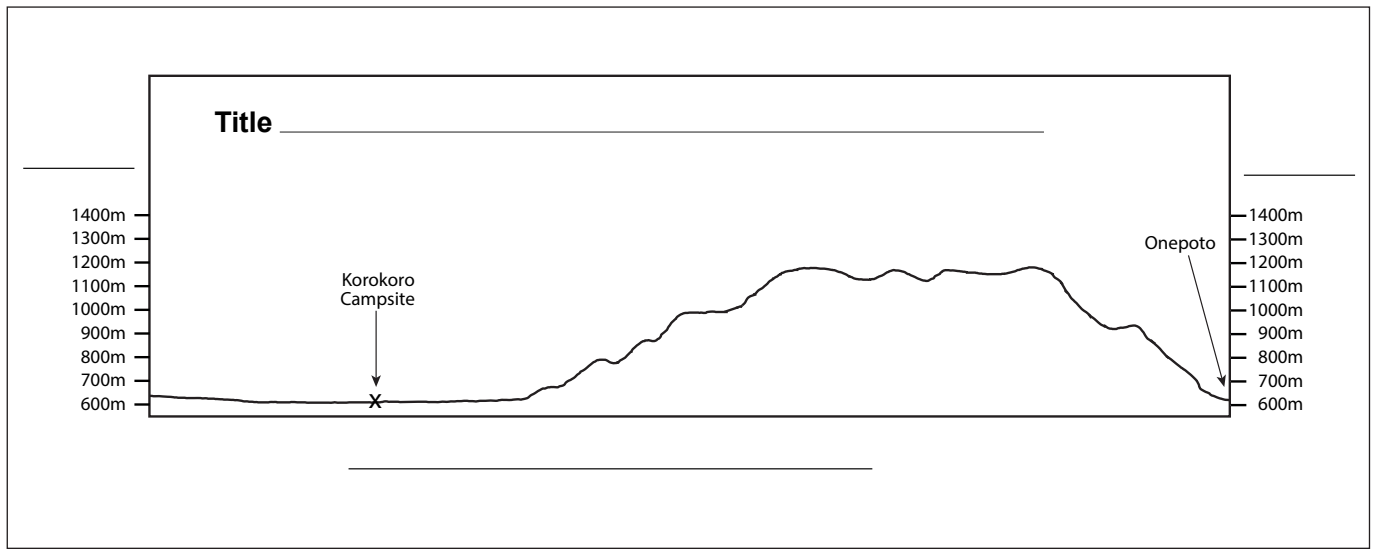
Use Resource B to answer (e) to (g).

(e) Complete the profile of the section of the Lake Waikaremoana Great Walk below by locating and labelling the following features. The profile line has been completed for you.

- Trig A61J
- Trig A61G
- Waiopaoa Hut
- Junction of Korokoro Falls Track and Lake Waikaremoana Great Walk.

Include all appropriate geographic conventions.

*If you need to redo this task, use the profile on page 7.*



(f) How much elevation will a walker gain if they walk from Waiopaoa Hut to Panekiri Hut?

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(g) Which side of the Panekiri Range is steeper, north or south? Give evidence to support your answer.

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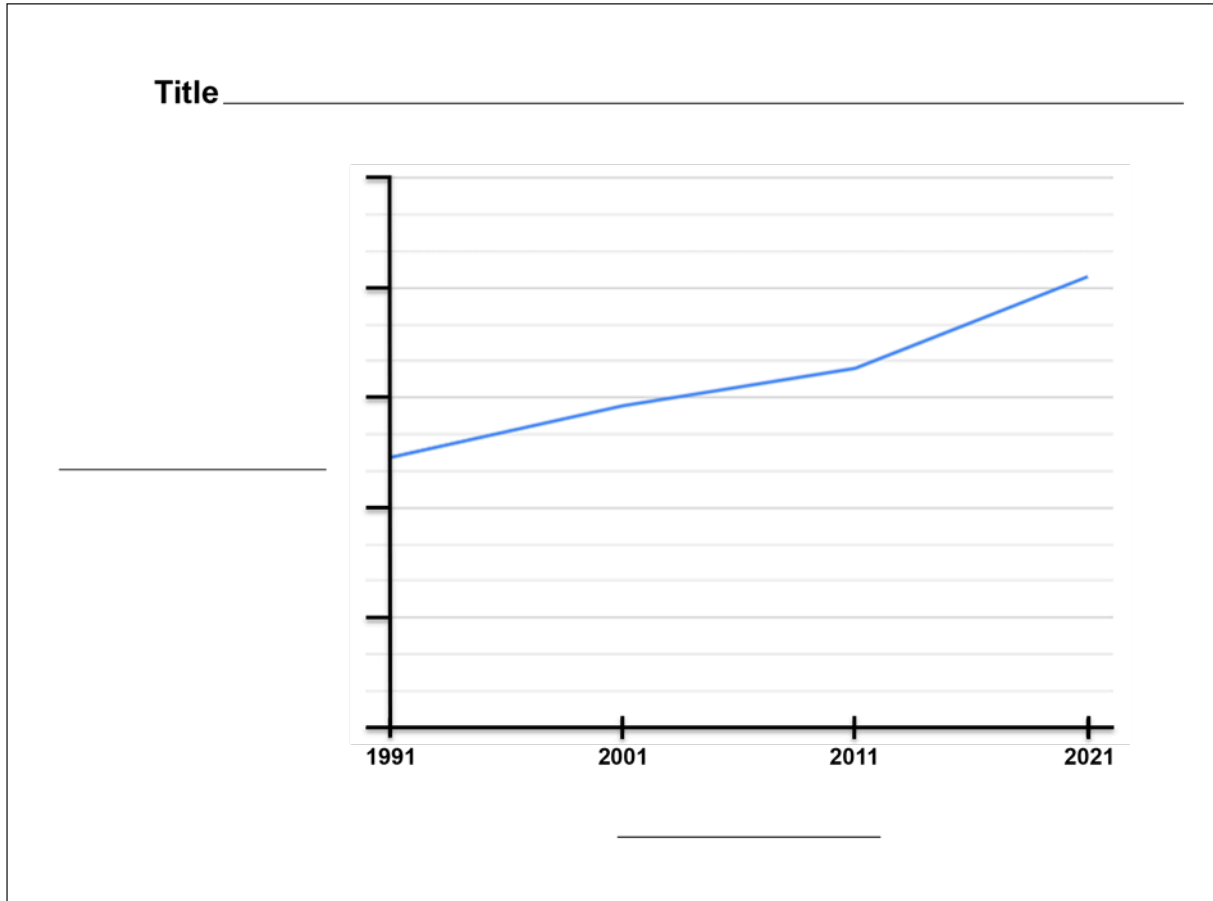


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- (h) Using information from the table below, complete the line graph by including all appropriate geographic conventions. The line has been plotted for you.

Ngāi Tūhoe population in Aotearoa			
1991	2001	2011	2021
24,552	29,259	32,670	41,000

*If you need to redo this task, use the graph on page 7.*



- (i) What population trend for Ngāi Tūhoe is shown on the graph? Give evidence to support your answer.

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Use Resource C (and any of the other resources) to answer (j).

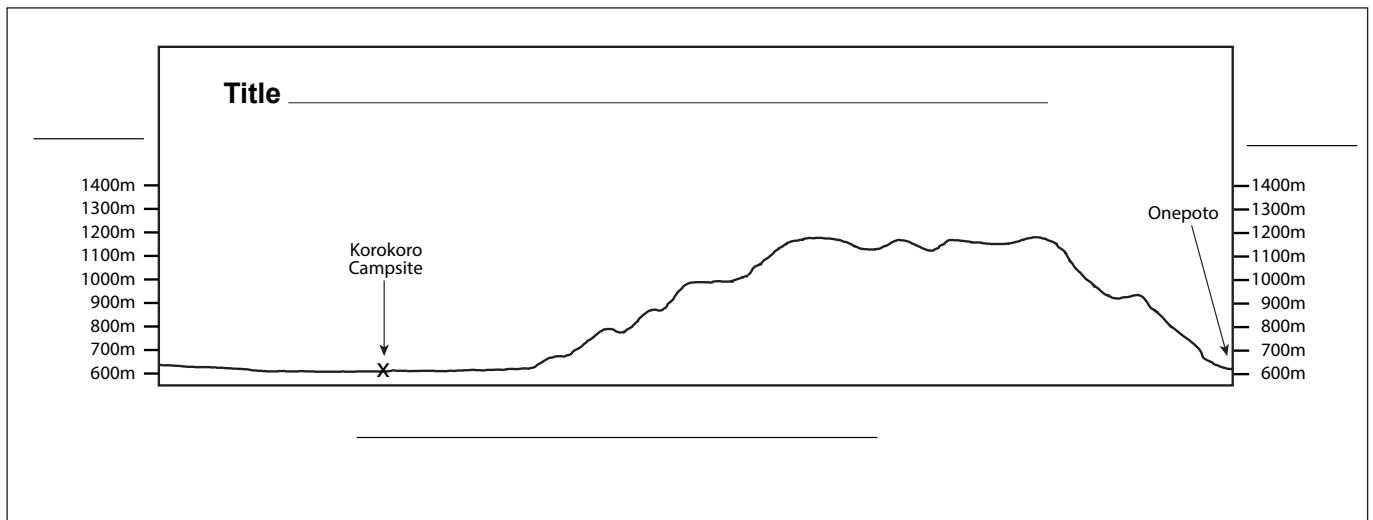
**Sustainability** involves adopting ways of thinking and behaving that allow people to meet their needs and aspirations both today and in the future.

Te reo Māori (Māori language) became one of New Zealand's three official languages in 1987. It is a taonga (treasure) that our Government is obliged to protect.

- (j) How does the Te Hui Ahurei a Tūhoe festival impact on the sustainability of te reo Māori? Give evidence to support your answer.

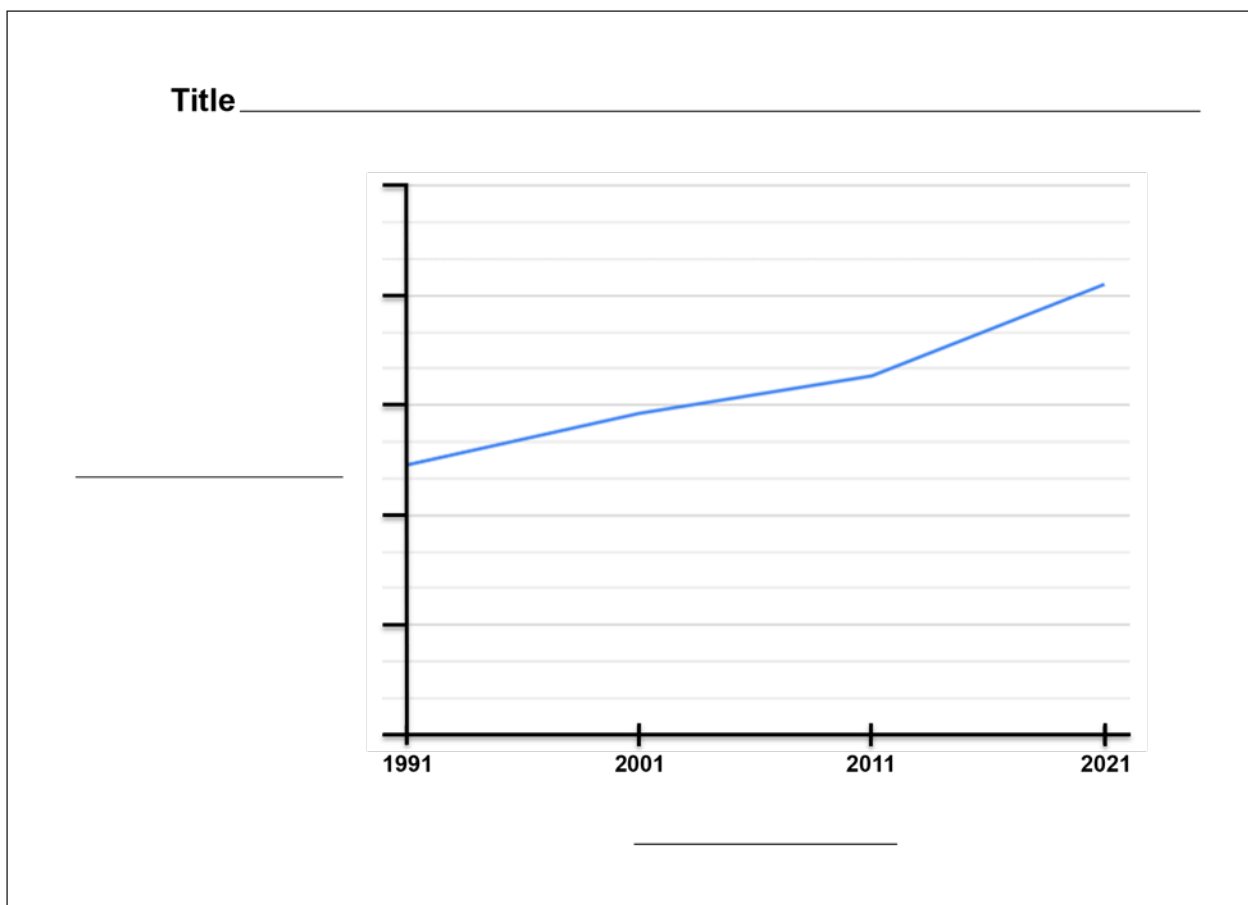
## SPARE PROFILE

If you need to redo (e), use the profile below. Make sure it is clear which answer you want marked.



## SPARE LINE GRAPH

If you need to redo (h), use the graph below. Make sure it is clear which answer you want marked.



Extra space if required.  
Write the question number(s) if applicable.

QUESTION  
NUMBER

91010