

1

91010



910100



NEW ZEALAND QUALIFICATIONS AUTHORITY
MANA TOHU MĀTAURANGA O AOTEAROA

QUALIFY FOR THE FUTURE WORLD
KIA NOHO TAKATŪ KI TŌ ĀMUA AO!

SUPERVISOR'S USE ONLY

Tick this box if
there is no writing
in this booklet

Level 1 Geography 2020

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

2.00 p.m. Wednesday 18 November 2020

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 2–11 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

QUESTION

- (a) Using Resource A, identify two reasons why Antarctica New Zealand does not recommend scientists visit the continent in winter.

(1) _____

(2) _____

Use Resource B and the geographic concept of location to answer (b).

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

- (b) Fully describe the location of Hut Point Peninsula. Use geographic terminology in your answer.

- (c) From Resource C, identify THREE specific natural features and THREE specific cultural features that are found at Hut Point Peninsula.

Natural features:

(1) _____

(2) _____

(3) _____

Cultural features:

(1) _____

(2) _____

(3) _____

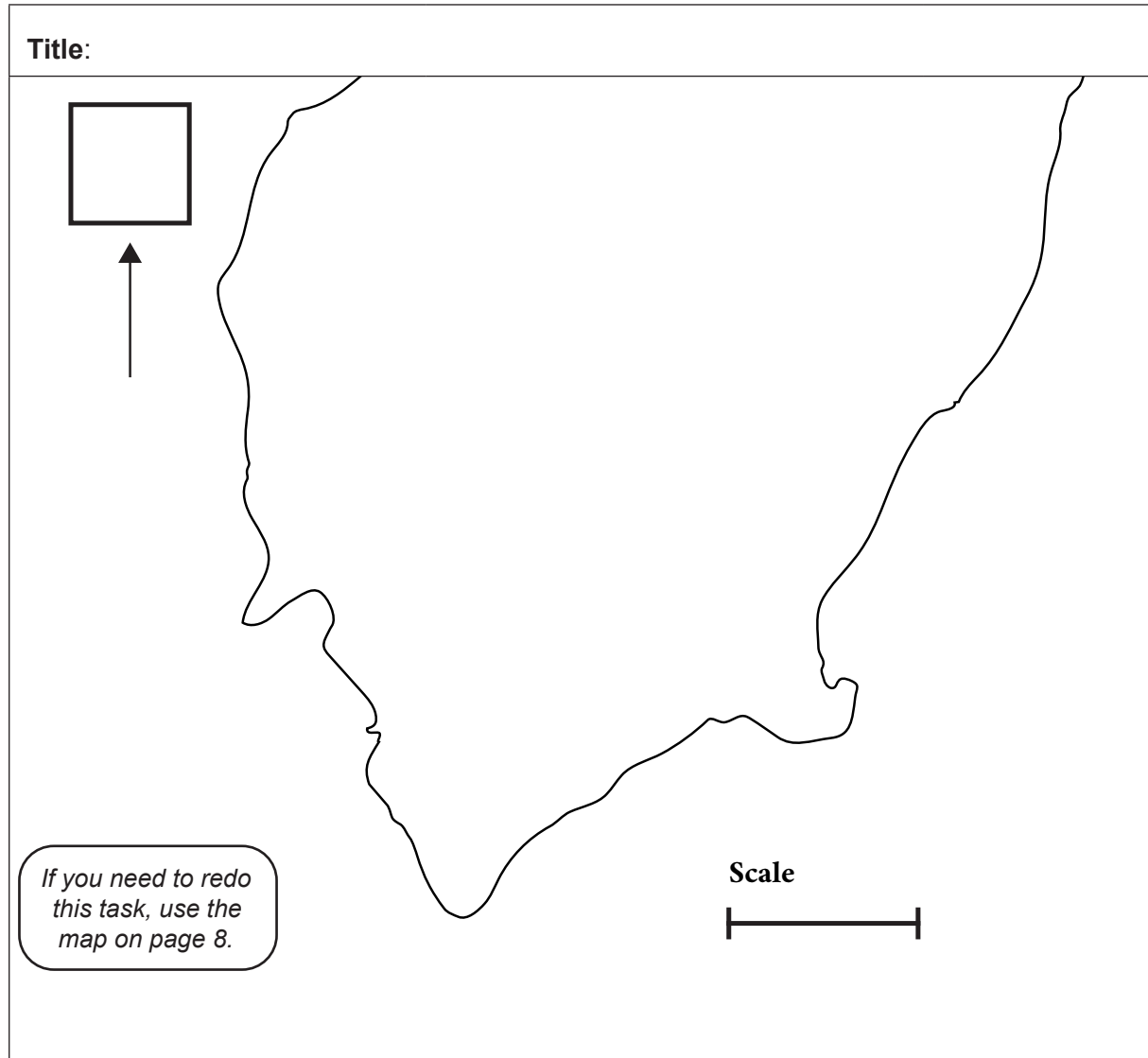
Use Resource C to answer (d) to (f).

(d) Complete the précis map below to identify the following features found at Hut Point Peninsula:

- Scott Base
- the wind farm
- the road that connects Scott Base to Hut Point.

Use geographic conventions.

Title:



If you need to redo this task, use the map on page 8.

Scale

Key

Scott Base	
Wind farm	
Road from Scott Base to Hut Point	

- (e) (i) What is the contour interval on the map?

- (ii) Circle ONE statement from the list below that best describes the relief in AR 8613.

The relief gets flatter as altitude increases.

The relief is relatively flat.

The relief gets steeper as altitude increases.

- (f) (i) What is the general direction of McMurdo Station from Scott Base?

- (ii) What type of road connects Scott Base to McMurdo Station?

- (iii) How many diesel tanks are located at McMurdo Station?

- (g) Using the information in Resource D, complete the diagram to show when the average monthly wind speed is **above** or **below** wind turbine operation speed (March has been done for you). Use geographic conventions.


Title:


January

February

March

Key

Monthly average wind speed is **above** operation speed 

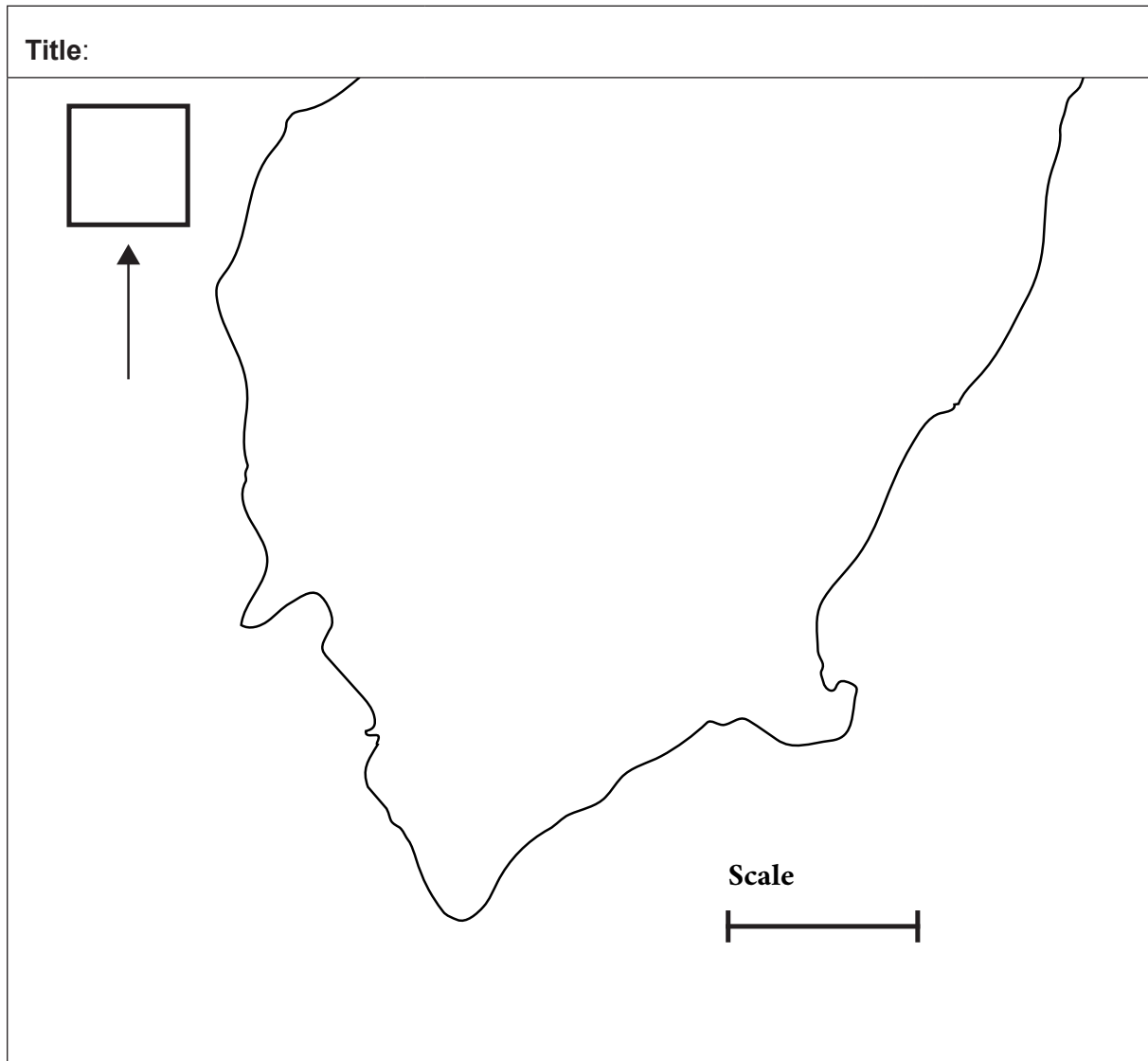
Monthly average wind speed is **below** operation speed 

If you need to redo this task, use the diagram on page 9.

Please turn over ►

SPARE PRÉCIS MAP

If you need to redo the sketch from (d), complete it on the map below. Make sure it is clear which answer you want marked.

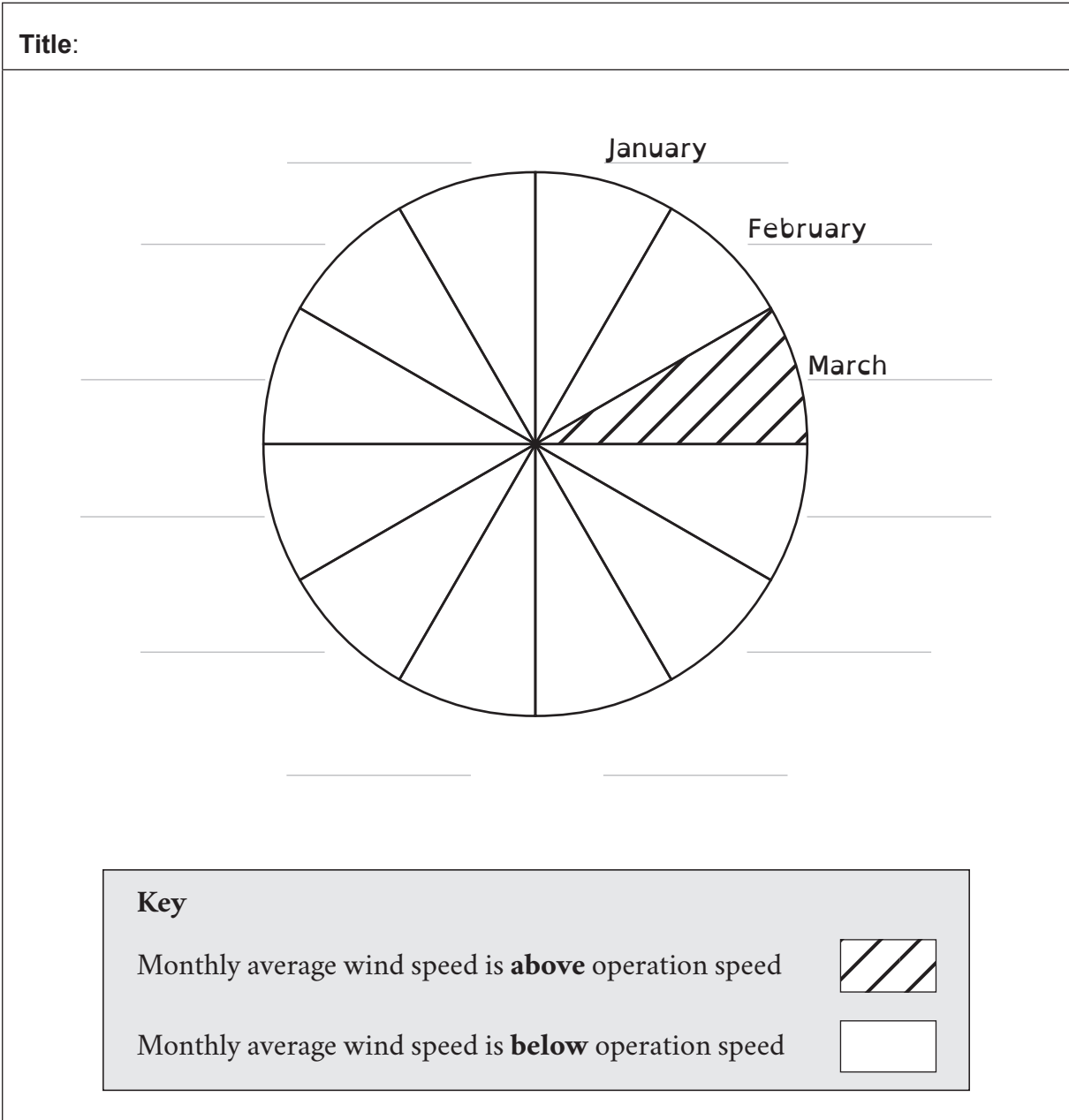


Key

Scott Base	
Wind farm	
Road from Scott Base to Hut Point	

SPARE DIAGRAM

If you need to redo the diagram from (g), complete it on the diagram below. Make sure it is clear which answer you want marked.



91010