

Write your name here

Surname

Other names

Centre Number

Candidate Number

**Edexcel GCSE**

# Geography A

## Unit 1: Geographical Skills and Challenges

**Higher Tier**

Tuesday 4 June 2013 – Afternoon

**Time: 1 hour**

Paper Reference

**5GA1H/01**

**You must have:**

Resource Booklet (enclosed)

Ordnance Survey Map Extract (enclosed)

Total Marks

### Instructions

- Use **black** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- Answer **all** questions.
- Answer the questions in the spaces provided – *there may be more space than you need.*

### Information

- The total mark for this paper is 54.
- The marks for **each** question are shown in brackets – *use this as a guide as to how much time to spend on each question.*
- Questions labelled with an **asterisk** (\*) are ones where the quality of your written communication will be assessed.
- The marks available for spelling, punctuation and grammar are clearly indicated.

### Advice

- Read each question carefully before you start to answer it.
- Keep an eye on the time.
- Try to answer every question.
- Check your answers if you have time at the end.

Turn over ►

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P 4 1 3 6 8 R A 0 1 1 2

**PEARSON**

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**SECTION A – GEOGRAPHICAL SKILLS**

**Answer ALL questions in this section.**

**1** (a) Study the Ordnance Survey (OS) map extract of the Snowdonia area and Figure 1a (photograph) in the Resource Booklet.

(i) The photograph was taken in grid square 6460 looking approximately north.

Complete the table below.

(3)

Letter on photograph	Feature	Space for answer
<b>A</b>	Valley name	
<b>B</b>	Road number	
<b>C</b>	Name of building	

(ii) Identify the owner of the land in grid square 6461.

(1)

(iii) Describe the shape of the valley shown in Figure 1a.

Use the OS map extract and the photographic evidence in your answer.

(4)

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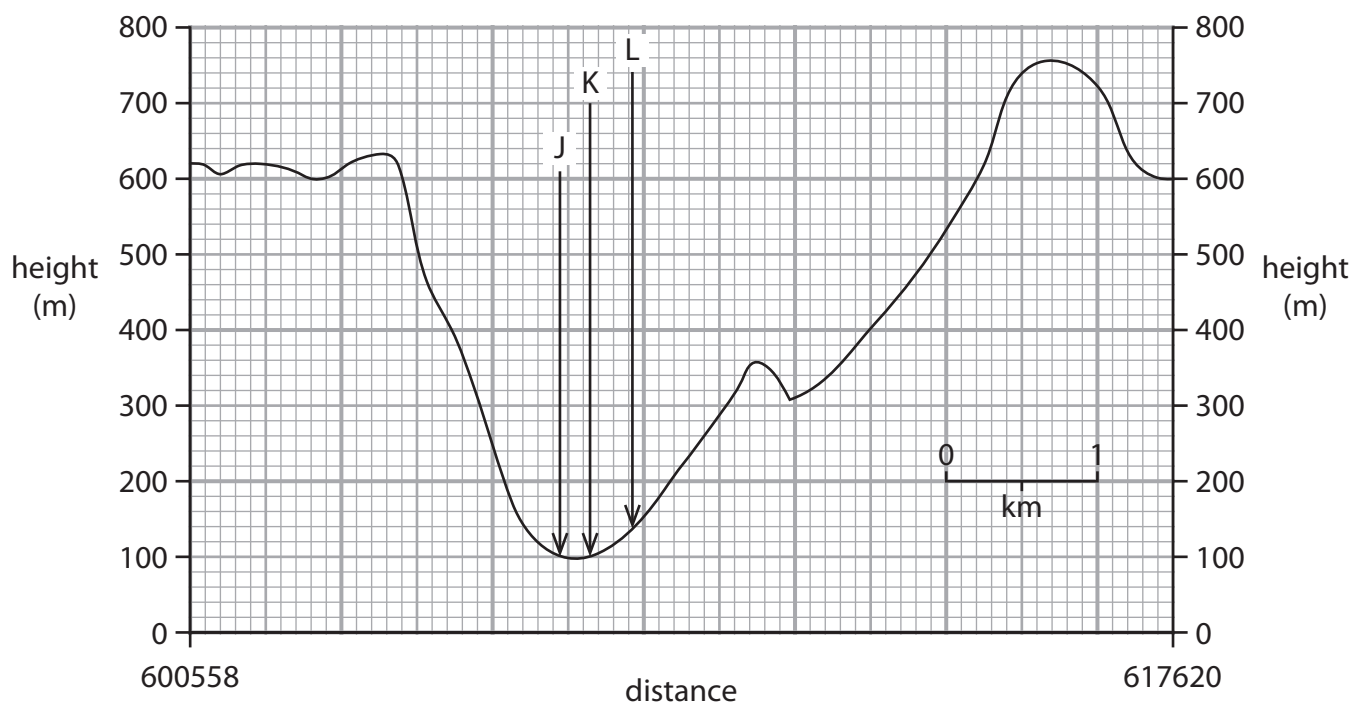
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(b) Look at Figure 1b and the OS map extract.

Figure 1b is a cross-section from 600558 to 617620.



**Figure 1b – A cross-section of the ‘Pass of Llanberis’ (valley)**

(i) Identify the feature found at each of **J**, **K** and **L** on Figure 1b.

(3)

Letter	Feature
<b>J</b>	
<b>K</b>	
<b>L</b>	

(ii) The Snowdon Mountain Railway crosses this cross-section.

Mark with an **R** on Figure 1b where the Snowdon Mountain Railway crosses the cross-section.

(1)

(iii) Name the reservoir at the northern end of the cross-section.

(1)



(iv) The cross-section crosses a yellow line in grid square 6159.

What does the yellow line indicate?

(1)

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(c) Calculate the distance, to the nearest kilometre, along the Snowdon Mountain Railway from Halfway Station in grid square 5957 to Summit Station in grid square 6054.

(1)

..... km

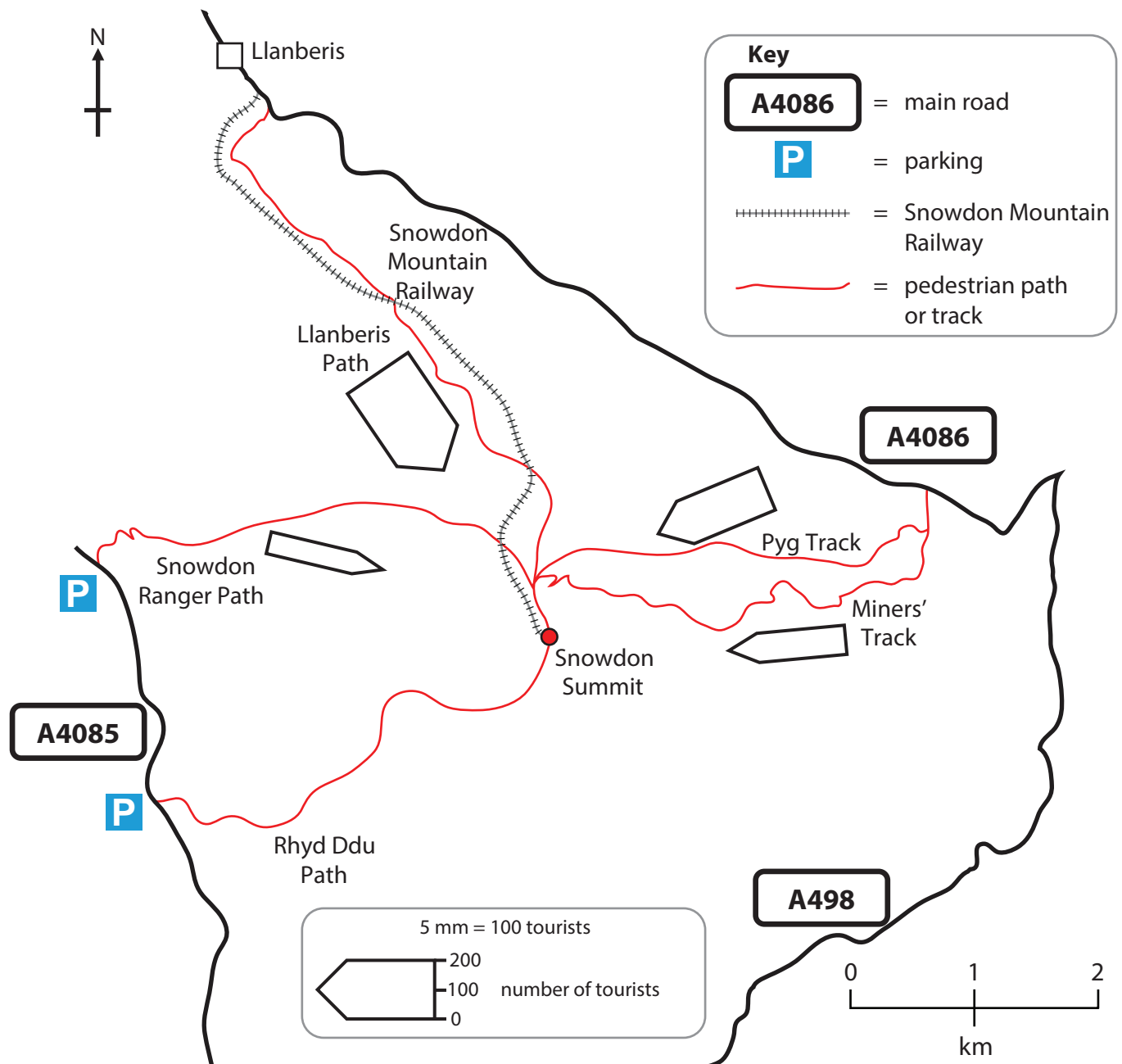
**(Total for Question 1 = 15 marks)**

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P 4 1 3 6 8 R A 0 5 1 2

2 (a) Study Figure 2 which shows the average number of tourists per hour on different routes to the summit of Snowdon in August 2012.



**Figure 2 - Routes to the summit of Snowdon using flow-lines to show the average number of tourists per hour**

(i) Complete Figure 2 using the data in the table below.

(2)

Route	Average number of tourists per hour in August 2012
Snowdon Mountain Railway	200
Rhyd Ddu Path	150





**SECTION B – CHALLENGES FOR THE PLANET**

**Answer ALL questions in this section.**

**3** (a) Study Figure 3 (photographs) in the Resource Booklet which shows two types of public transport.

(i) Explain how the development of more public transport can help improve urban areas.

(4)

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(ii) Increasing public transport is one way of managing traffic in urban areas.

Explain how **one other** transport management policy can improve urban areas.

(4)

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(b) Explain how the effects of resource extraction can be managed to reduce the impact on the environment.

(5)

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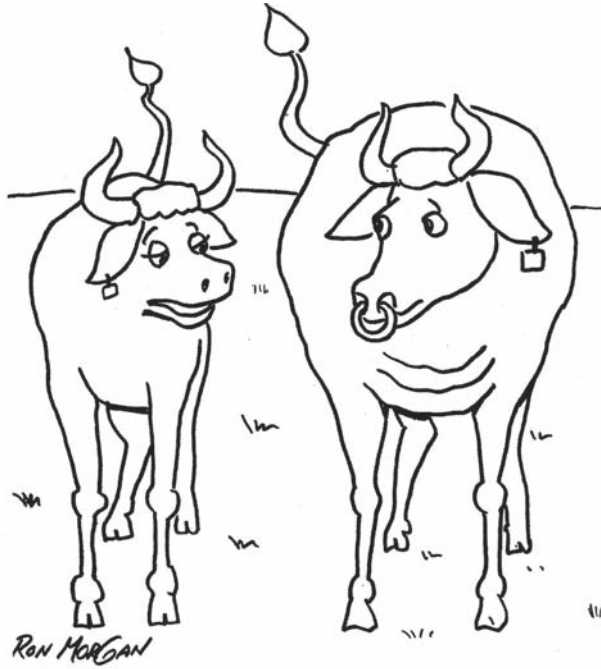
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**(Total for Question 3 = 13 marks)**



Spelling, punctuation and grammar will be assessed in \*(b).

4 (a) Study Figure 4 which shows a cartoon about climate change.



'Your contributions to global warming are becoming rather tiresome darling!'

**Figure 4**

(i) Outline how cattle contribute to global warming.

(2)

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(ii) Explain how volcanic activity can cause climate change on a global scale.

(4)

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\*(b) Explain how climate change can have negative effects.

Use examples in your answer.

(6)

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**(Total for spelling, punctuation and grammar = 4 marks)**  
**(Total for Question 4 = 16 marks)**

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**TOTAL FOR SECTION B = 29 MARKS**  
**TOTAL FOR PAPER = 54 MARKS**

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**Edexcel GCSE**

# **Geography A**

**Unit 1: Geographical Skills and Challenges**

**Paper 1F and 1H**

Tuesday 4 June 2013 – Afternoon

**Resource Booklet**

Paper Reference

**5GA1F/01**

**5GA1H/01**

**Do not return the Resource Booklet with the question paper.**

## **Information**

This Resource Booklet contains photographs needed for use with the Unit 1: Geographical Skills and Challenges examination.

This Resource Booklet is for use with both foundation and higher tiers.

*Turn over* ►

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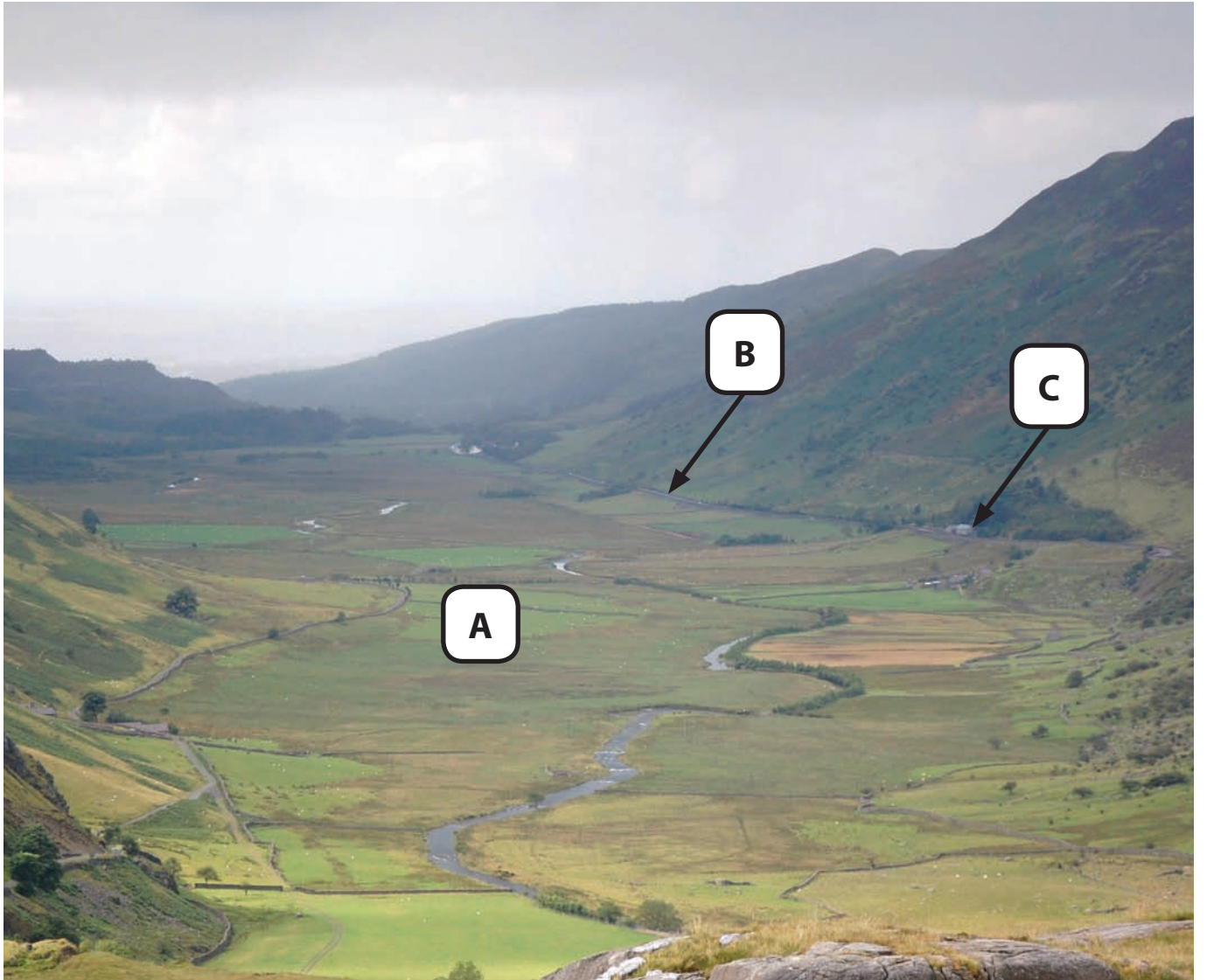
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**PEARSON**

**SECTION A – GEOGRAPHICAL SKILLS**



**Figure 1a**



SECTION B – CHALLENGES FOR THE PLANET



Figure 3

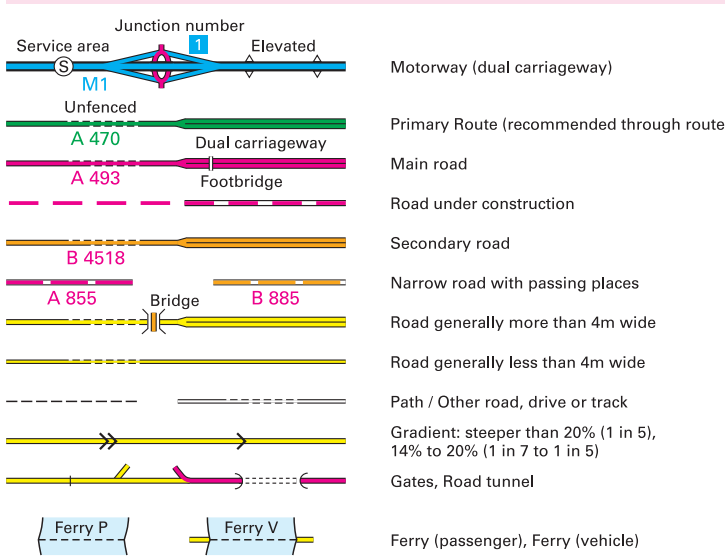
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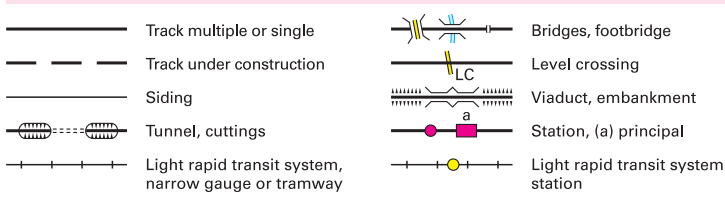


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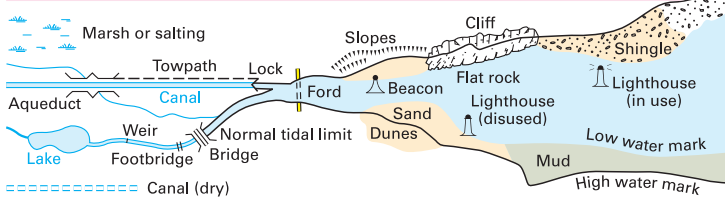
**ROADS AND PATHS** Not necessarily rights of way



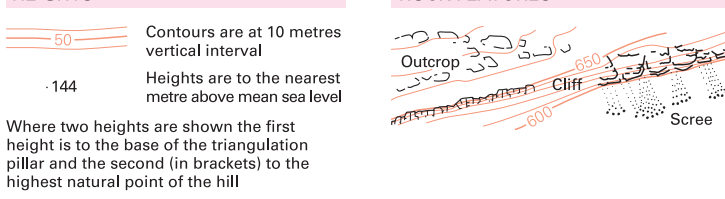
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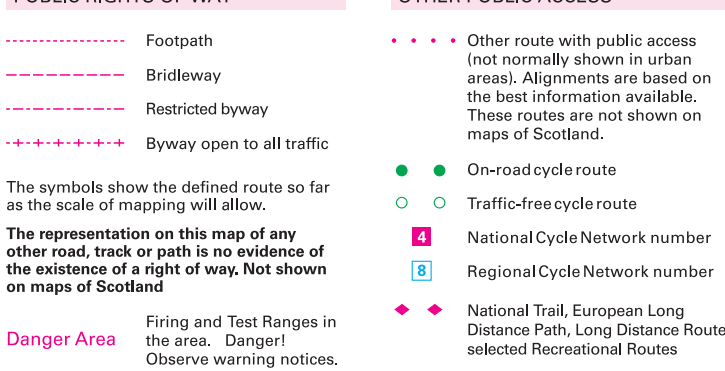
**WATER FEATURES**



**HEIGHTS**



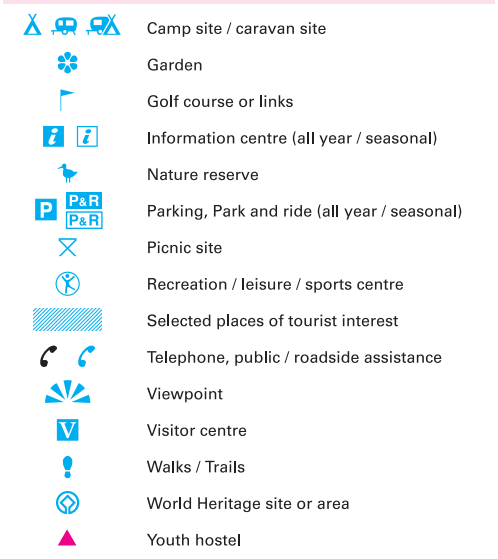
**PUBLIC RIGHTS OF WAY**



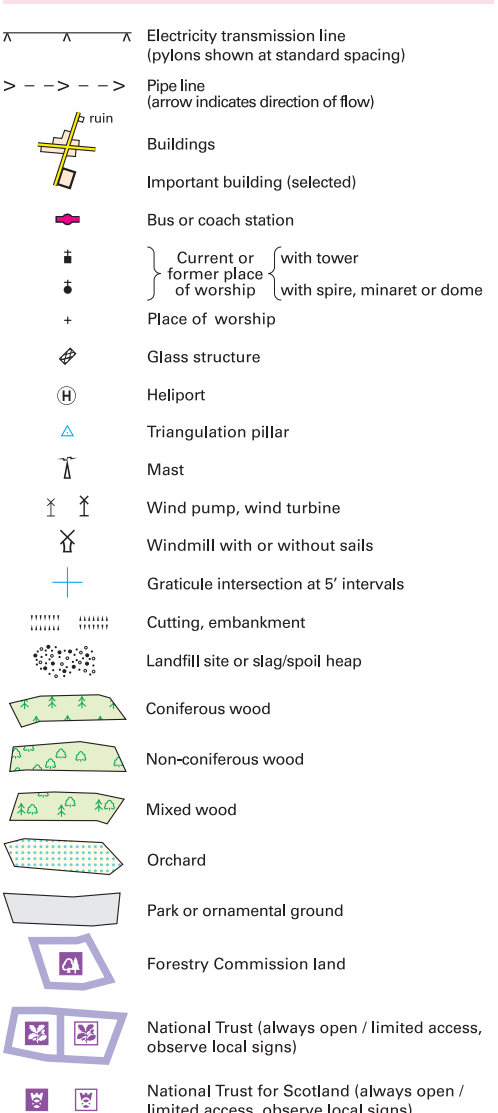
**BOUNDARIES**



**TOURIST INFORMATION**



**LAND FEATURES**



**ABBREVIATIONS**

