



UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS
International General Certificate of Secondary Education

GEOGRAPHY

0460/42

Paper 4 Alternative to Coursework

May/June 2011

INSERT

1 hour 30 minutes

READ THESE INSTRUCTIONS FIRST

This Insert contains Figs 1 and 2, Photograph A and Table 1 for Question 1, and Fig. 4 and Table 2 for Question 2.

The Insert is **not** required by the Examiner.

This document consists of **5** printed pages and **3** blank pages.



Fig. 1 for Question 1

The three investigation areas

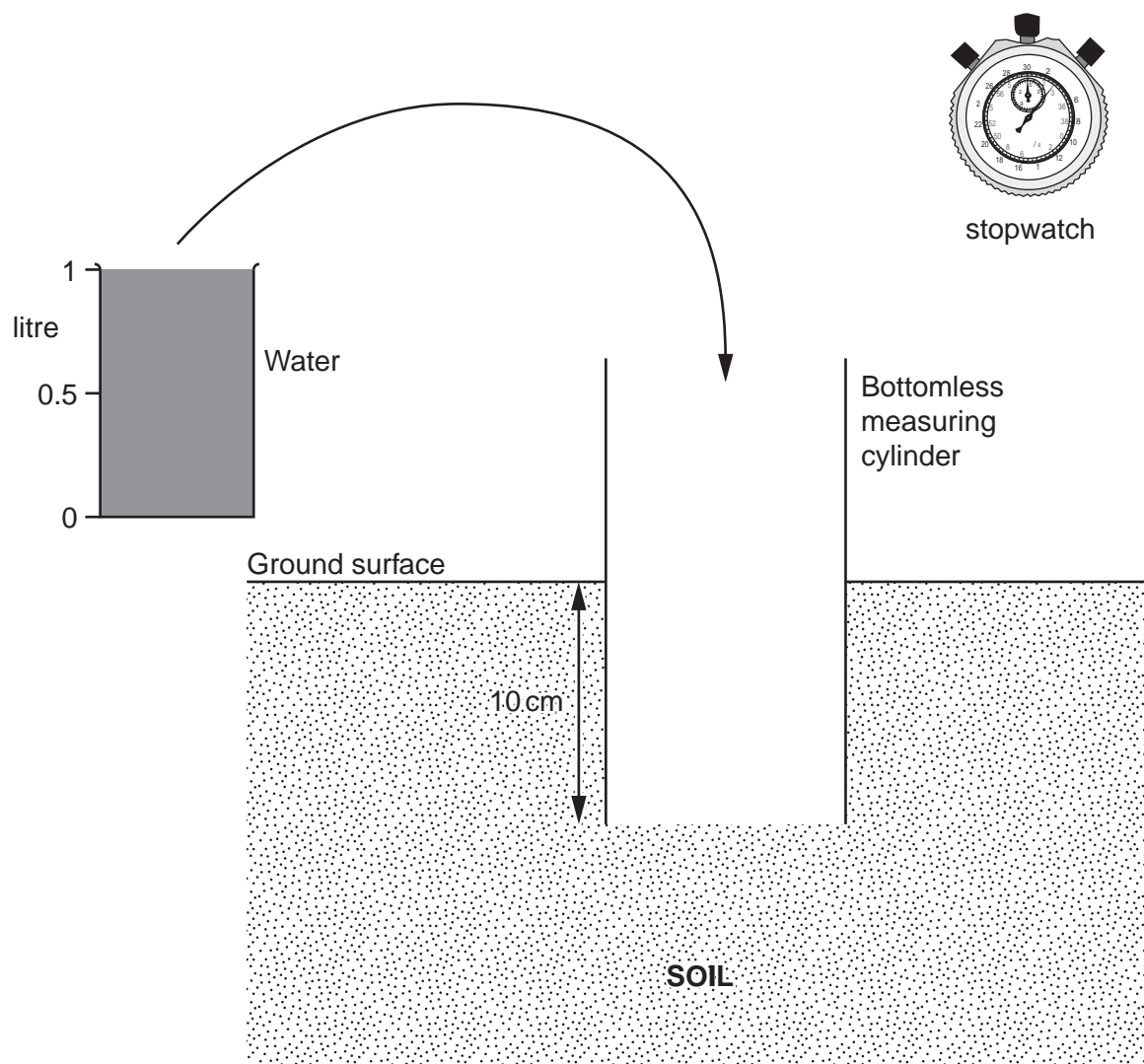
Area A was near a stream and had a road and a footpath leading to it so it was visited by more people than areas B and C. The area contained picnic tables, a car park and public toilets.

Area B had been deforested for a coffee plantation, but trees were later replanted in some of the area. The rest had been left without trees. A dirt road went through the area.

Area C was an area of natural rainforest which was more inaccessible than areas A and B because there was no path or road leading to it.

Fig. 2 for Question 1

Equipment used to measure infiltration time



Photograph A for Question 1

Table 1 for Question 1

Results of investigation

Area A	Site 1	Site 2	Site 3	Site 4	Site 5	Average
Infiltration time (seconds)	36	40	58	50	44	45.6
Number of vegetation types	2	1	2	3	3	
Percentage of vegetation cover	36	20	8	38	19	24.2
Percentage of bare ground	64	80	92	62	81	75.8
Area B	Site 1	Site 2	Site 3	Site 4	Site 5	
Infiltration time (seconds)	25	35	21	48	52	
Number of vegetation types	4	2	3	1	1	
Percentage of vegetation cover	65	48	70	28	12	44.6
Percentage of bare ground	35	52	30	72	88	55.4
Area C	Site 1	Site 2	Site 3	Site 4	Site 5	
Infiltration time (seconds)	20	30	25	20	28	24.6
Number of vegetation types	4	3	5	3	3	
Percentage of vegetation cover	72	68	80	57	65	68.4
Percentage of bare ground	28	32	20	43	35	31.6

Fig. 4 for Question 2**Sphere of Influence questionnaire**

I am doing a survey as part of my *Geography* coursework. Please will you answer the following questions?

1. How far have you travelled to get to the shops today?

2. How did you travel to the shops today?

Thank you

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