



UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS  
International General Certificate of Secondary Education

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**GEOGRAPHY**

**0460/42**

Paper 4 Alternative to Coursework

**October/November 2013**

INSERT

**1 hour 30 minutes**

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**READ THESE INSTRUCTIONS FIRST**

This Insert contains Fig. 1, Table 1 and Photograph A for Question 1, and Figs 5 and 6 and Table 3 for Question 2.

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

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This document consists of **7** printed pages and **1** blank page.



Fig. 1 for Question 1

Measuring velocity

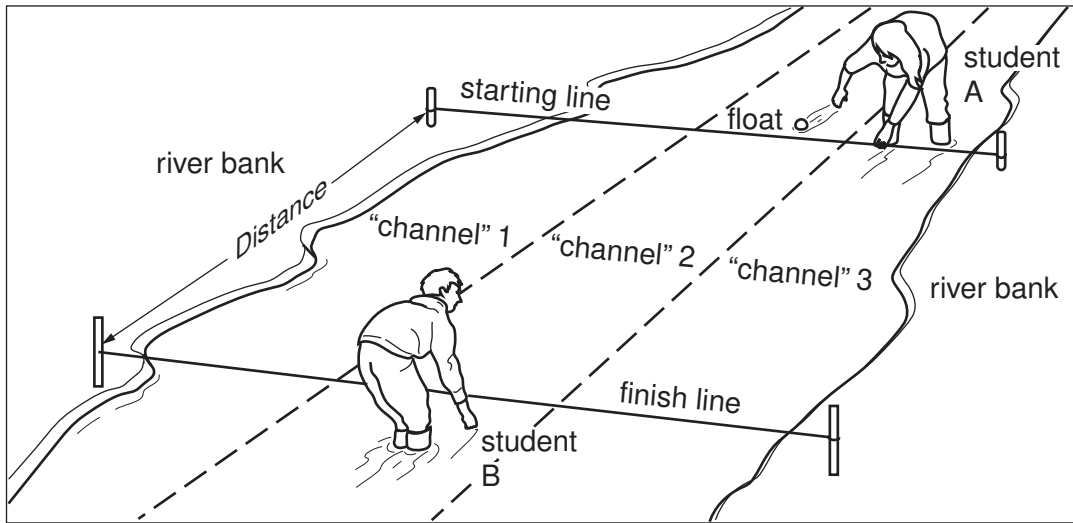


Table 1 for Question 1

## Results of fieldwork

Site	Distance from source (km)	Average velocity (m/s)	Hydraulic radius
1	1.8	0.36	0.05
2	3.2	0.40	0.09
3	5.8	0.62	0.16
4	7.8	0.60	0.28
5	10.5	0.78	0.50

Photograph A for Question 1



Fig. 5 for Question 2

## A model of urban land-use

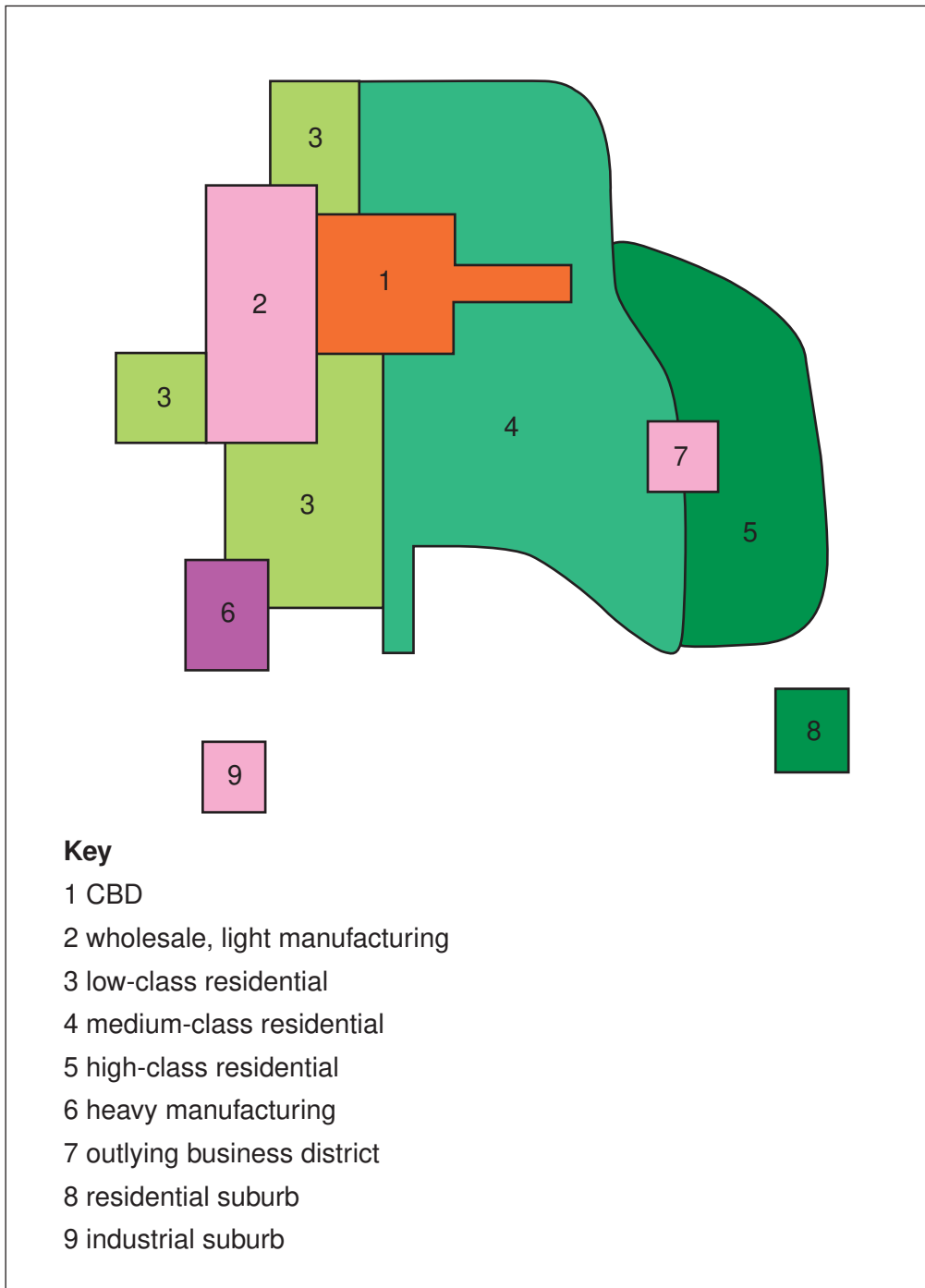
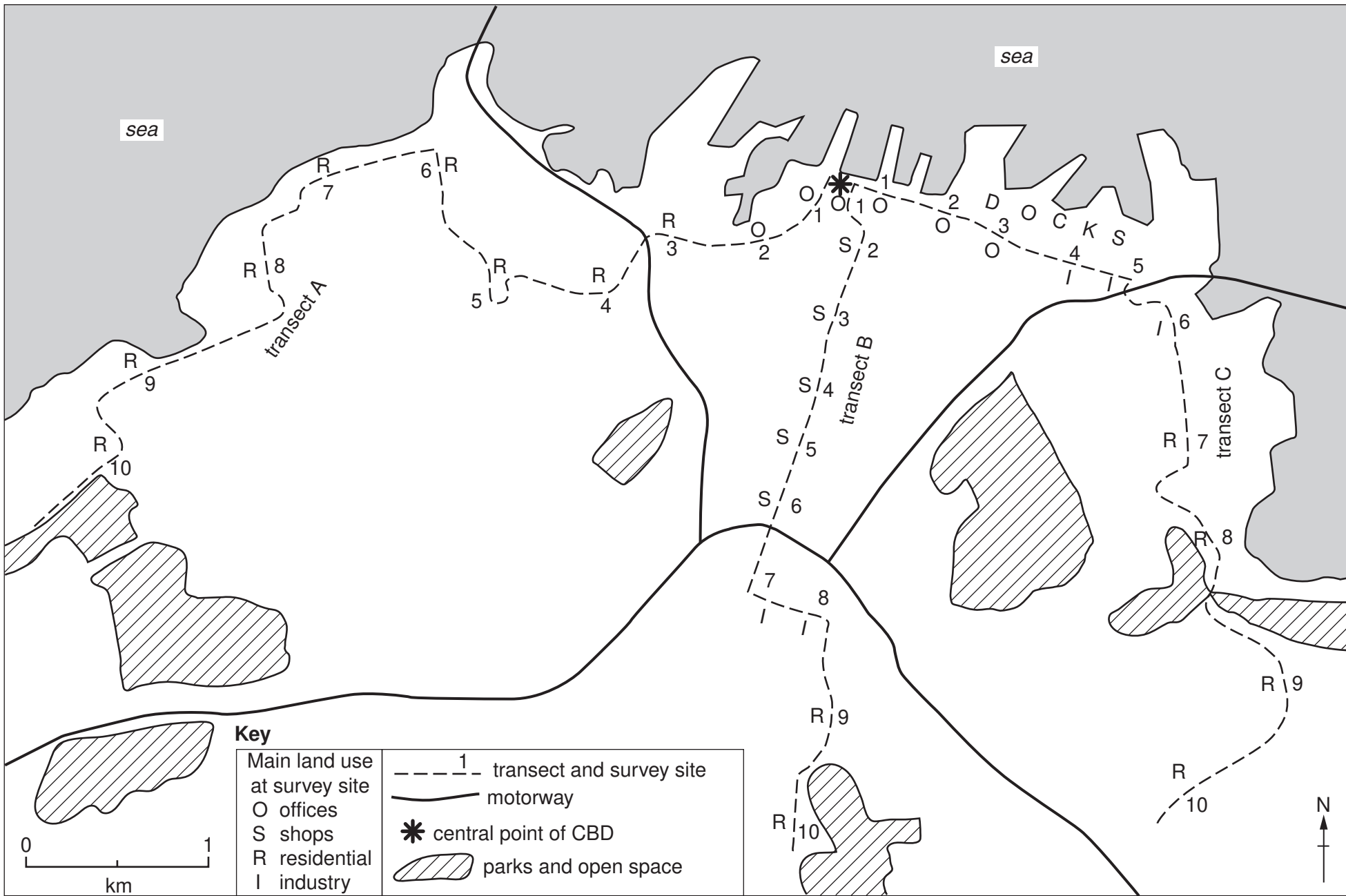


Fig. 6 for Question 2

Results of the students' fieldwork



**Table 3 for Question 2**

**Main type of land use and average number of storeys at each site**

**Transect A**

CBD ← → Edge of city

Site	1	2	3	4	5	6	7	8	9	10
Main type of land use	Offices	Offices	Residential	Residential	Residential	Residential	Residential	Residential	Residential	Residential
Average number of storeys	18	14	3	2	2	2	2	2	1	1

**Transect B**

CBD ← → Edge of city

Site	1	2	3	4	5	6	7	8	9	10
Main type of land use	Offices	Shops	Shops	Shops	Shops	Shops	Industry	Industry	Residential	Residential
Average number of storeys	18	17	14	8	6	4	2	1	2	1

**Transect C**

CBD ← → Edge of city

Site	1	2	3	4	5	6	7	8	9	10
Main type of land use	Offices	Offices	Offices	Industry	Industry	Industry	Residential	Residential	Residential	Residential
Average number of storeys	16	12	10	4	3	4	2	2	2	2

