



UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS  
International General Certificate of Secondary Education

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**GEOGRAPHY**

**0460/41**

Paper 4 Alternative to Coursework

**May/June 2013**

INSERT

**1 hour 30 minutes**

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**READ THESE INSTRUCTIONS FIRST**

This Insert contains Photographs A and B, Table 2 and Fig. 2 for Question 1, and Figs 5 and 7 and Table 5 for Question 2.

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

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This document consists of **6** printed pages and **2** blank pages.



Photograph A for Question 1



Photograph B for Question 1



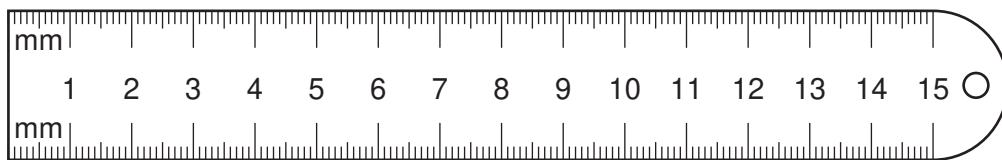
Table 2 for Question 1

## Results of fieldwork

Site	Distance downstream from source (km)	Width of river (m)	Average depth of river (m)	Wetted perimeter (m)
1	0.8	1.6	0.04	1.75
2	9.7	6.1	0.14	6.3
3	10.7	6.2	0.15	6.9
4	15.6	10.6	0.20	11.1
5	21.0	9.9	0.27	12.1

Fig. 2 for Question 1

## Equipment used to test Hypothesis 2



## Roundness score chart

<b>Shape</b>						
<b>Score</b>	0	1	2	3	4	5
<b>Description</b>	very angular	angular	a little angular	a little rounded	rounded	very rounded

Fig. 5 for Question 2

Resident questionnaire

We are doing a survey about the local mine as part of our *Geography* coursework. Please will you answer the following questions?

1. Do you live in Jwaneng?

Yes

No

2. What do you think are the local benefits of this mine?

.....

.....

.....

3. What do you think are the main problems caused by this mine?

.....

.....

.....

4. Overall do you think this mine is good or bad for local people?

Good

Bad

Thank you for your time.

Table 5 for Question 2

## Answers to Questions 2 and 3 of residents' questionnaire

<b>Question 2: What do you think are the local benefits of this mine?</b>	<b>Number of answers</b>
There are jobs at the mine	40
Mine workers create jobs in other local businesses	37
The town has more services and amenities	25

<b>Question 3: What do you think are the main problems caused by this mine?</b>	<b>Number of answers</b>
Traffic going to and from the mine	38
Noise of blasting	21
Dust in the air caused by blasting	17

Fig. 7 for Question 2

### Mine worker questionnaire

We are doing a survey about the local mine as part of our *Geography* coursework. Please will you answer the following questions?

1. In which town did you live before you moved to work at the mine?

.....

2. Why did you move to work at the mine?

.....

.....

.....

Thank you for your time.

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