

Practical Geo Field evaluation – Site B (Katsurabata)

Student number:	Name:
Team:	Group:

Stop 1

Field kit: Hand lens

Time limit: 8 min.

Explore the rock exposed at this site. Read the following questions (B1 and B 2), and circle one letter that corresponds to the correct answer.

B 1. What is the most appropriate rock type at this site?

10

- a) Sedimentary rock
- b) Volcanic rock
- c) Plutonic rock
- d) Metamorphic rock

B 2. What is the most appropriate name of the rock at this site?

10

- a) Limestone
- b) Tuff
- c) Obsidian
- d) Sandstone
- e) Schist
- f) Rhyolite
- g) Basalt
- h) Chert
- i) Mudstone
- j) Gabbro
- k) Gneiss
- l) Granite

Stop 2

Field kit: Clinometer

Time limit: 8 min.

Explore the plane marked by red tape at this site. Read the following questions (B 3 and B 4), and circle one letter that corresponds to the correct answer.

B 3. What is the name of the dominant plane at this site?

10

- a) Bedding plane
- b) Joint plane
- c) Unconformity plane
- d) Cleavage plane

Please turn over



B 4. Measure the dip and strike of the rock surface marked, and circle one letter that corresponds to the most appropriate symbol of the dip and strike.

10

Stop 3

Field kit: Hand lens

Time limit: 8 min.

Explore the rock exposed at this site. Read the following questions (B 5 and B 6), and circle one letter that corresponds to the correct answer.

B 5. What is the most appropriate rock type at this site?

- 10
- a) Sedimentary rock
 - b) Volcanic rock
 - c) Plutonic rock
 - d) Metamorphic rock

B 6. What is the most appropriate name of the rock at this site?

- 10
- a) Limestone
 - b) Tuff
 - c) Obsidian
 - d) Sandstone
 - e) Schist
 - f) Rhyolite
 - g) Basalt
 - h) Chert
 - i) Mudstone
 - j) Gabbro
 - k) Gneiss
 - l) Granite