

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?

- 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?

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

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?

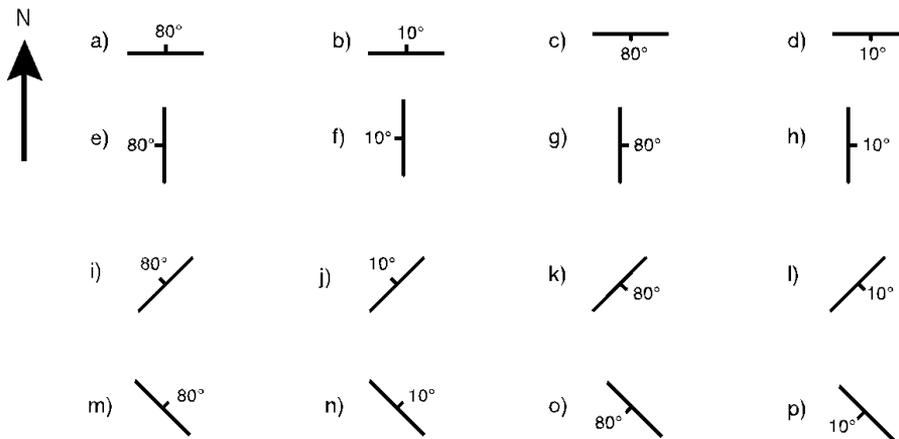
- a) Bedding plane

- 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.



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?

- 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?

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

