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?

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.

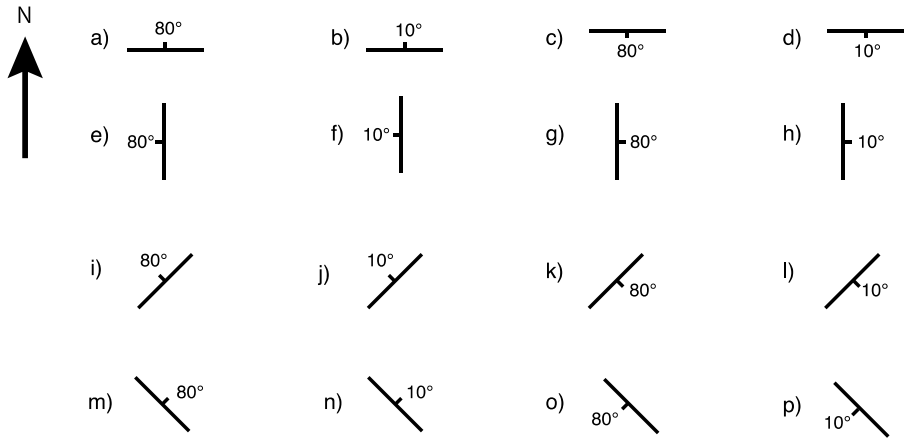
Explore the plane marked by red tape at this site. Read the following questions (B 3 and B 4), and circle one letter that corresponds to the correct answer.

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

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?

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