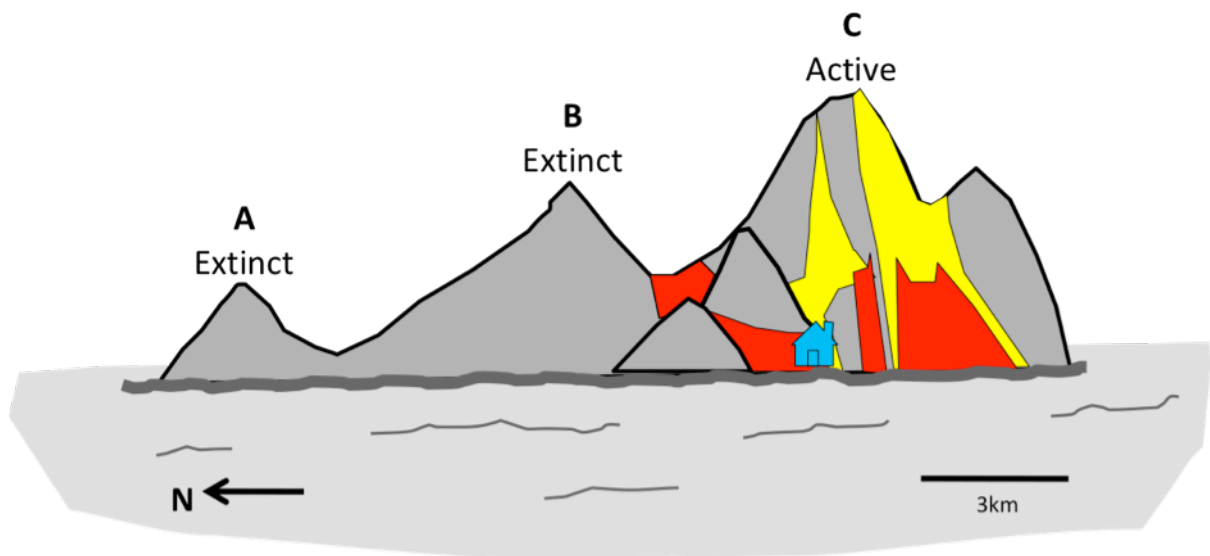


Name: _____

ACTIVITY

Danger on the Island



You are a geologist watching the volcanoes on the island.

- **A** and **B** are extinct volcanoes.
- **C** has started to erupt lava and there are some rock falls.
- At the base of the active volcano C, on the waterfront, is a small town of about 12,000 people.

You decide that volcano C will soon erupt forming hazardous pyroclastic flows that could hurt the people in the town. To make a decision on how to help the people, you look at the rocks around the island and draw past mud and pyroclastic flows on the volcano picture:

- Yellow are pyroclastic flows
- Red are mud flows

Questions:

Do you think that the town could be in danger if the volcano erupted again?

Should we move the people who live in the town?

Where would the safest places be to live on the island?

Colour red the area of the island where you think people should **NOT** live.

Colour green the area of the island where you think people would be safe.