Volcanoes

LC2 Science By: Mrs. Bernsdorff

Day 6

Name _____

Pompeii

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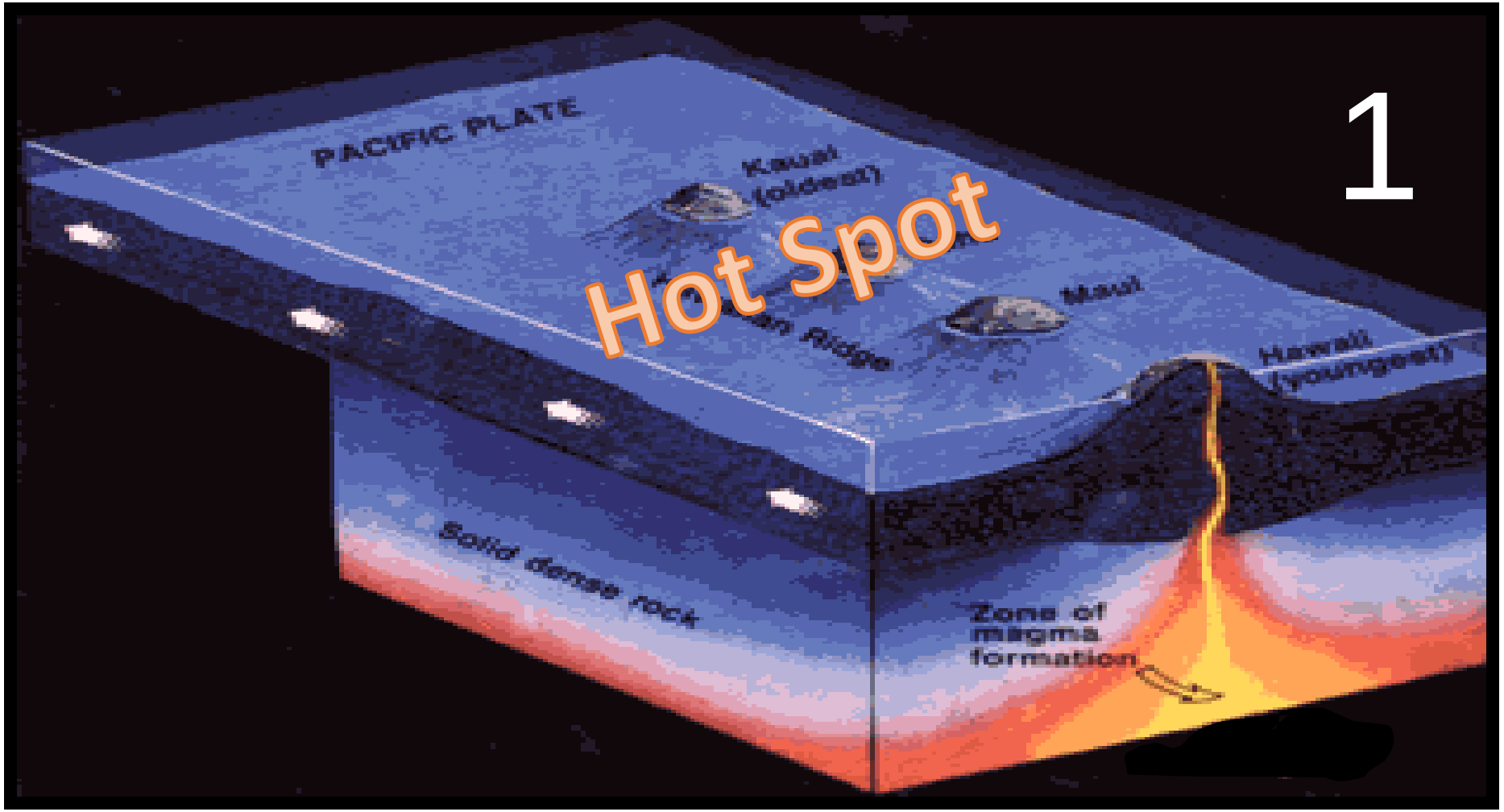
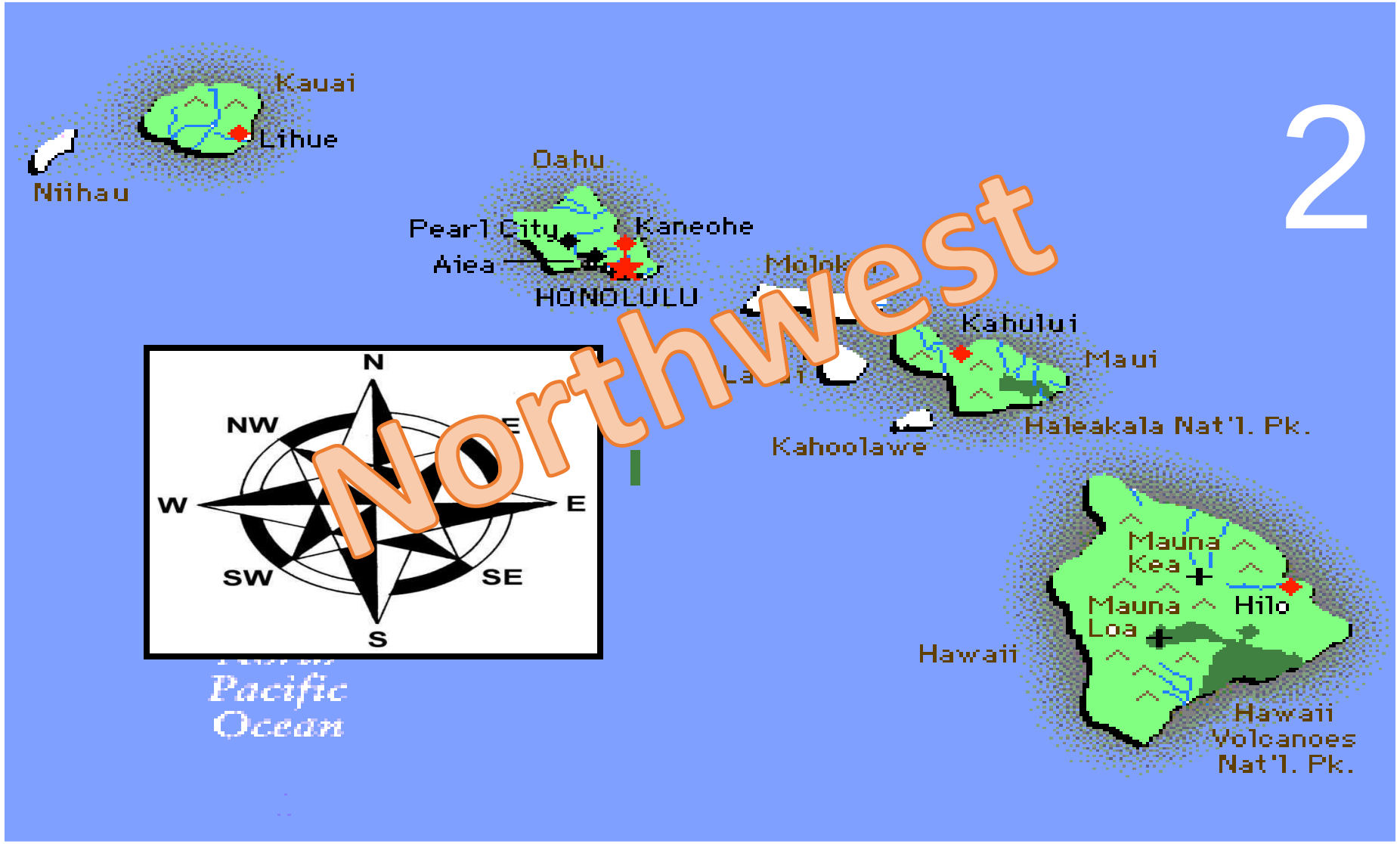
- This is the general name for a location above an upwelling of magma from the mantle.

  -Hawaii is an example of one of these.

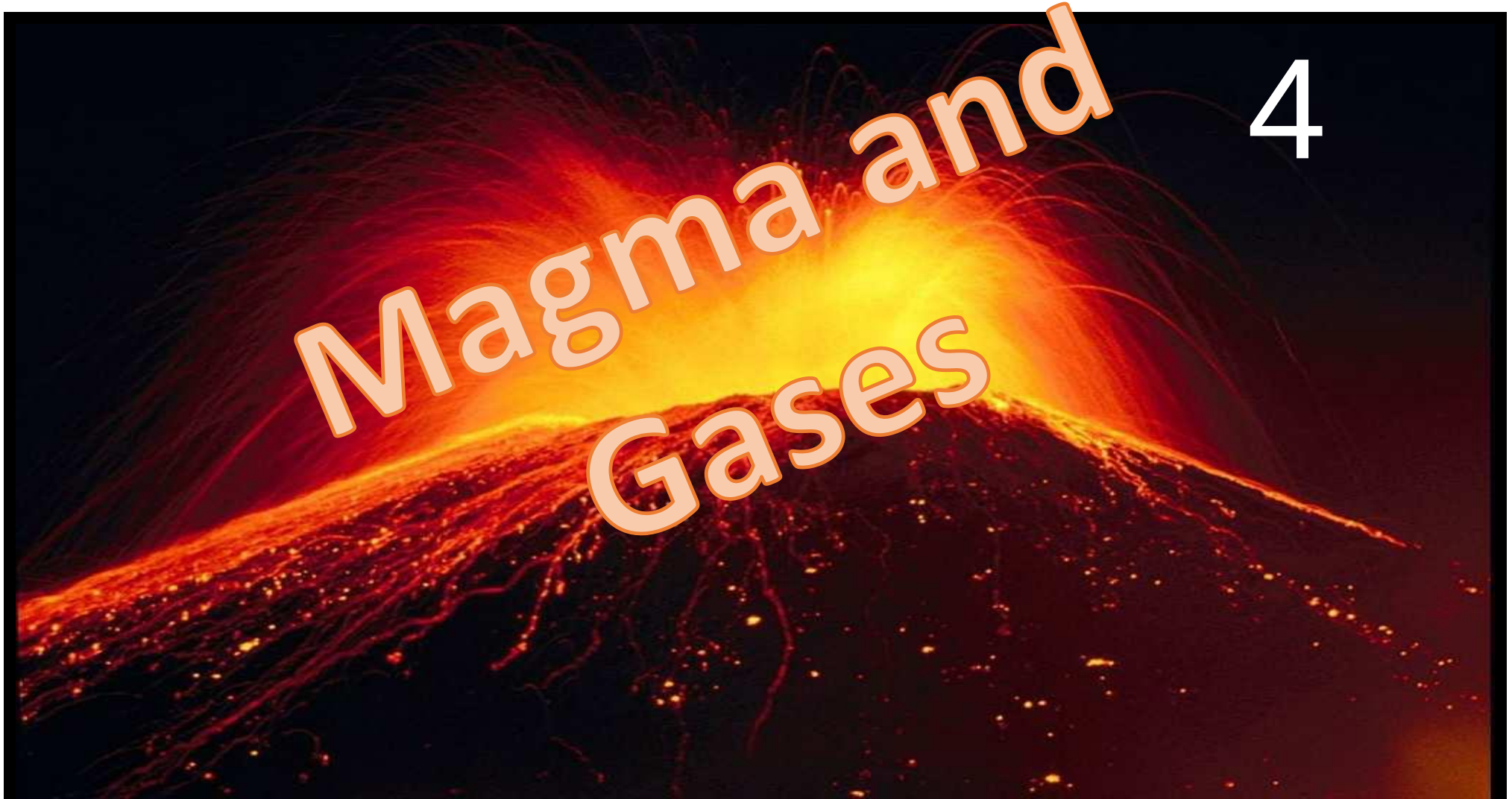


- Hawaii, and the Pacific Plate are moving in what direction?

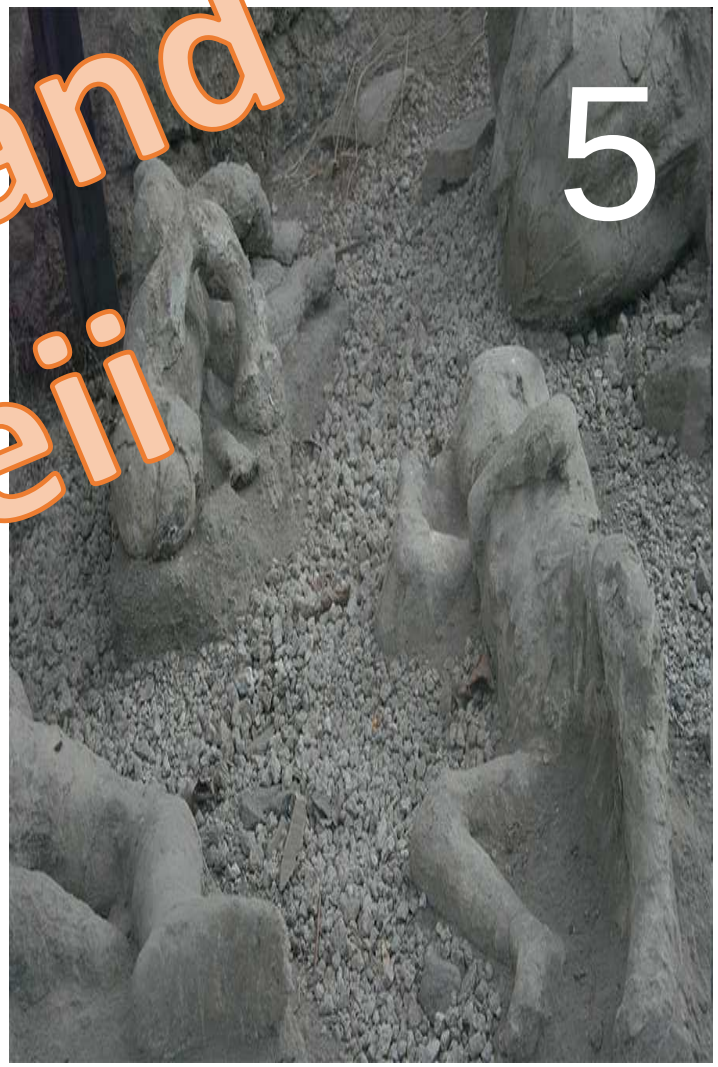


- This Supervolcano can be found in what U.S. National Park.
  - Note: This is the area of serious destruction if it erupts. Eruption not likely anytime soon.

- A volcano is an opening in the earth's crust through which molten _____ and _____ erupt.



- Name either this volcano or the city that it destroyed in 79 A.D.



- Name this Volcano, or it's "off-spring" volcano that killed thousands during it's eruption in 1883.

- Which of the following is not a positive of Volcanoes? and the answer is…

  A.) New Land is formed

  B.) Many gems and ores worth $

  C.) Volcanic ash can eventually fertilize the soil.

  D.) Volcanic eruptions helped form oceans and early atmosphere.

  E.) Eruptions can cause the destruction of property and loss of life.

C

- All of the following are negatives of volcanoes except…

  A.) Death and Destruction

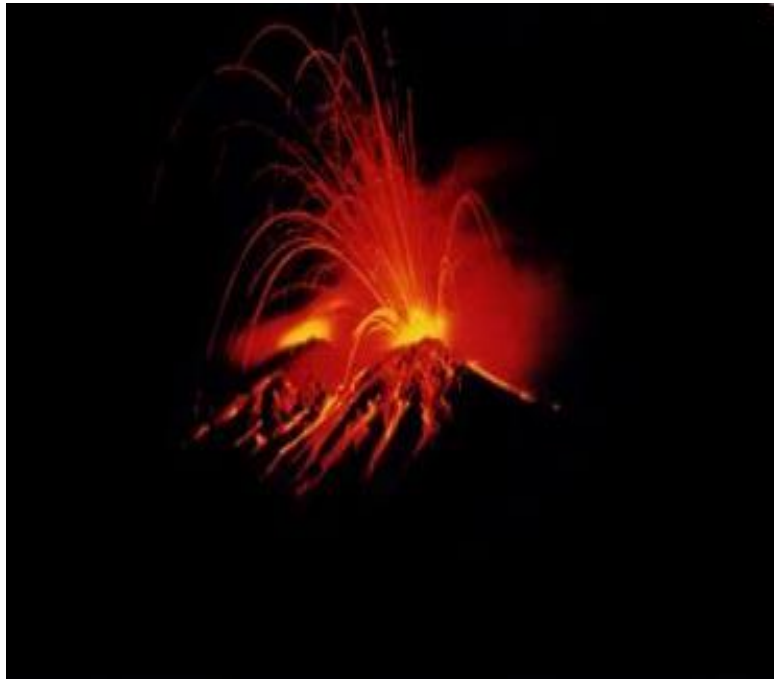
  B.) Loss of land until…?, Permanent loss of structures.

  C.) Release of poisonous gases.

  D.) Eruptions can have a tremendous impact on global climate.

  E.) Tourism

E



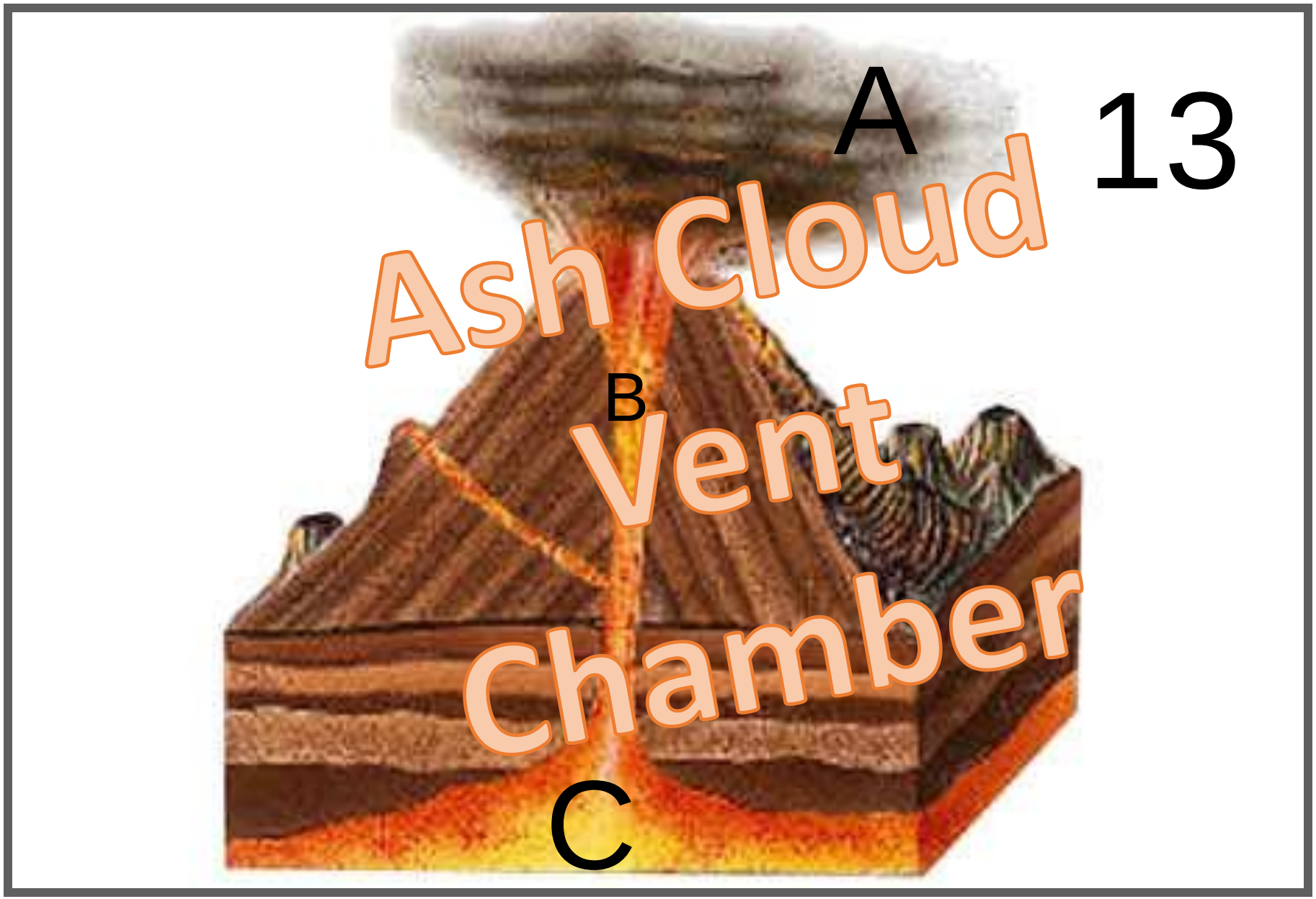
- This picture best represents which type of volcano?

- What type of volcano best represents the picture below?

This is often produced when a snow-capped volcano erupts and hot pyroclastics melt a large amount of snow or ice?

This is a fast-moving avalanche of hot lava fragments?

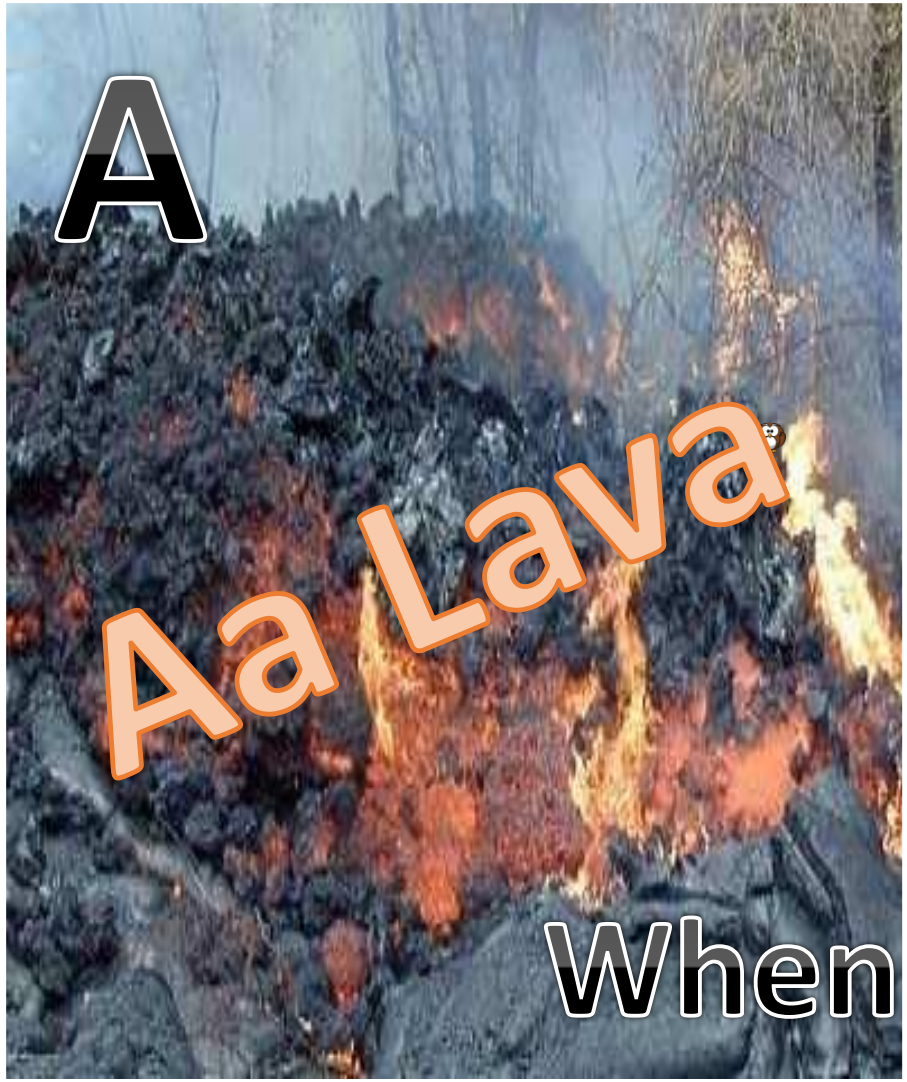
- Name following parts of this volcano.



- This lava has a higher viscosity. It is sticky and explosive.

- This type of lava flows more easily because it has a lower viscosity?

- Please name the two lava types shown below.

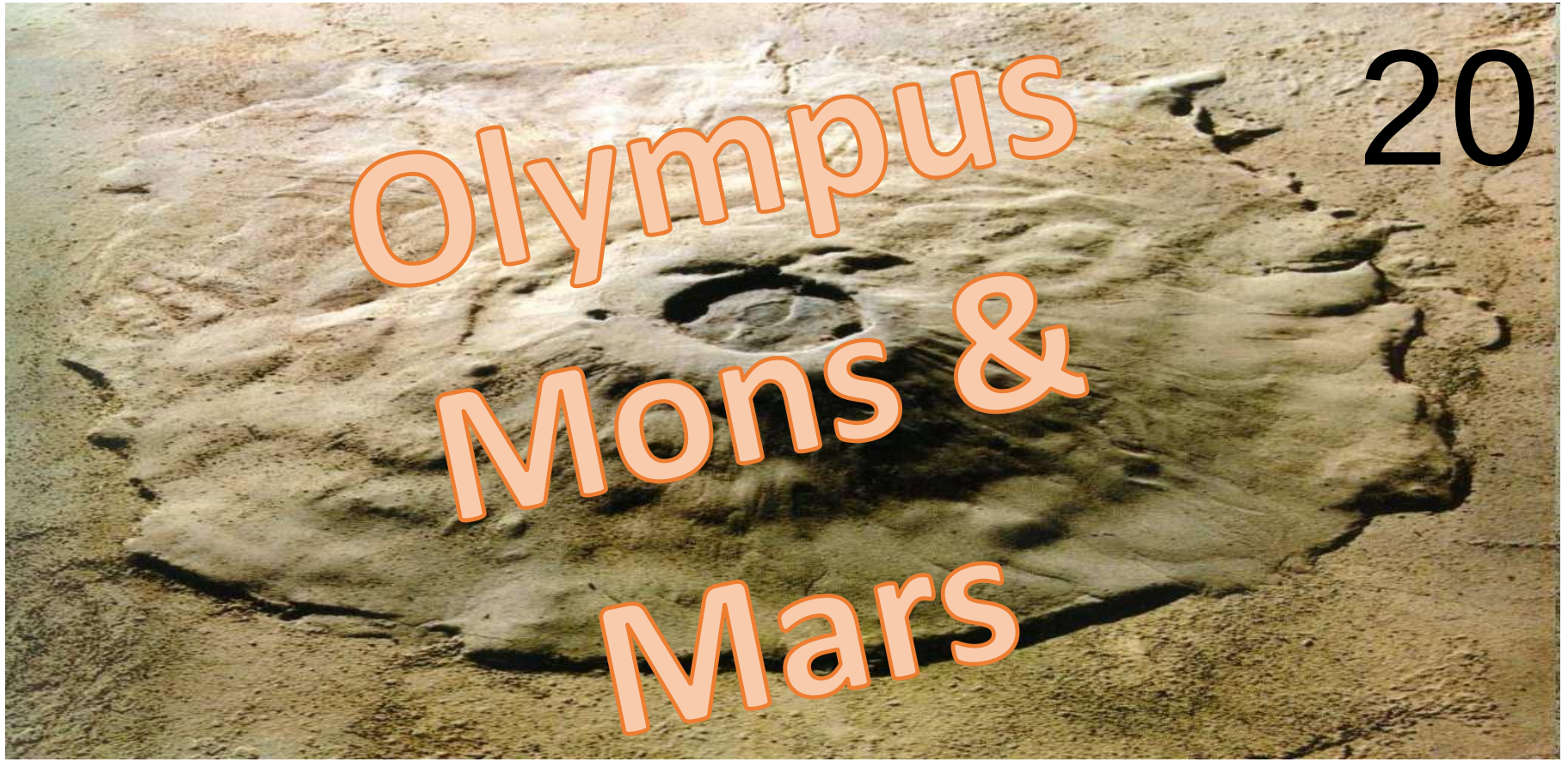


Name this famous U.S. Volcano that erupted in 1981?

- This is an example of what type of volcano?

- This valuable mineral can be collected at volcanoes. This is a very deadly profession as you breath acidic vapor.

- This shield volcano is the largest volcano in the solar system. Name this volcano.
  - Half credit if you can tell me the planet in the solar system.



Name Mrs. Bernsdorff

Pompeii

1 Hot spot
2 Northwest
3 Yellowstone
4 Magma and gases
5 Vesuvius and Pompeii
6 Krakatoa
7 C
8 E
9 Composite Volcano
10 Fissure Volcano
11 Lahar
12 Pyroclastic Cloud
13 Ash Cloud, Main Vent, & Magma Chamber
14 Felsic Lava
15 Mafic Lava
16 Aa and Pahoehoe
17 Mt. Saint Helens
18 Mud Volcano
19 Sulfur
20 Olympus Mona and Mars

- What is the name of this giant fire breathing monster that likes to attack cities?

- These two are escaping from deep in a volcano. Can you name this movie?

- Can you name this movie?

- Name this movie that has a human torch character?

- Name this movie?