

Science Toolkit: Grade 6 Objective 2.C.1.b

Student Handout: Science: Grade 6 Objective 2.C.1.b

Standard 2.0 Earth/Space Science

Topic C. Plate Tectonics

Indicator 1. Recognize and describe the internal and external structure of the Earth.

Objective b. Recognize and describe that the Earth's core

Is at the center of the Earth

Is very hot

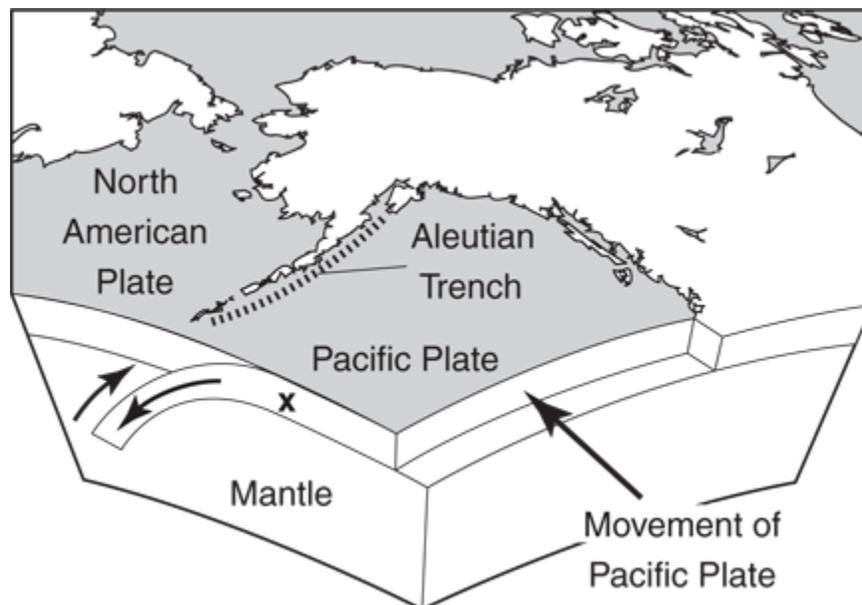
Is dense and metallic

Selected Response (SR) Item

Question

Use the information below to answer the following.

The Aleutian Trench is an underwater feature, near Alaska, formed by the movement of two tectonic plates. As the North American Plate moves toward the Pacific Plate, the lower edge of the Pacific Plate becomes part of the mantle.



The core of Earth is best described as

- A. a hot mass of metal
- B. a cold mass of metal
- C. less dense than the crust
- D. less dense than the mantle

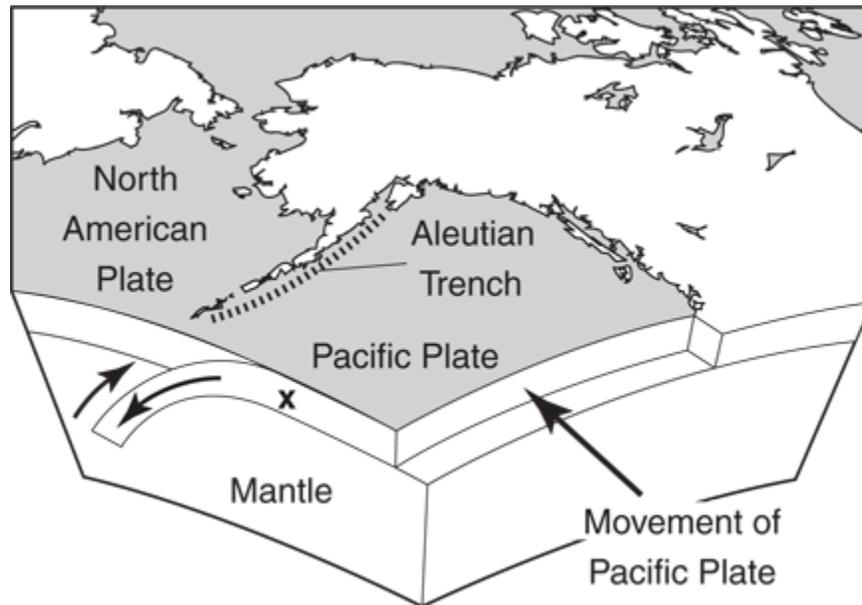
Correct Answer

A. a hot mass of metal

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