

Geology California Specific Examination (CSE) Sample Questions
Based on the 2018 Test Plan

Example No. 1

A geologist working in the foothills of the Sierra Nevada is observing construction of an access road into a new development area. During construction, a pit containing mineralized waste rock from a previous prospect was encountered. What should be done with the exposed material?

- A. Use the material as a source of aggregate for the road base
- B. The area should be encapsulated and paved over during construction
- C. Use the material as a surface cover to prevent erosion and control surface runoff
- D. A groundwater drainage system should be installed to prevent surface settlement

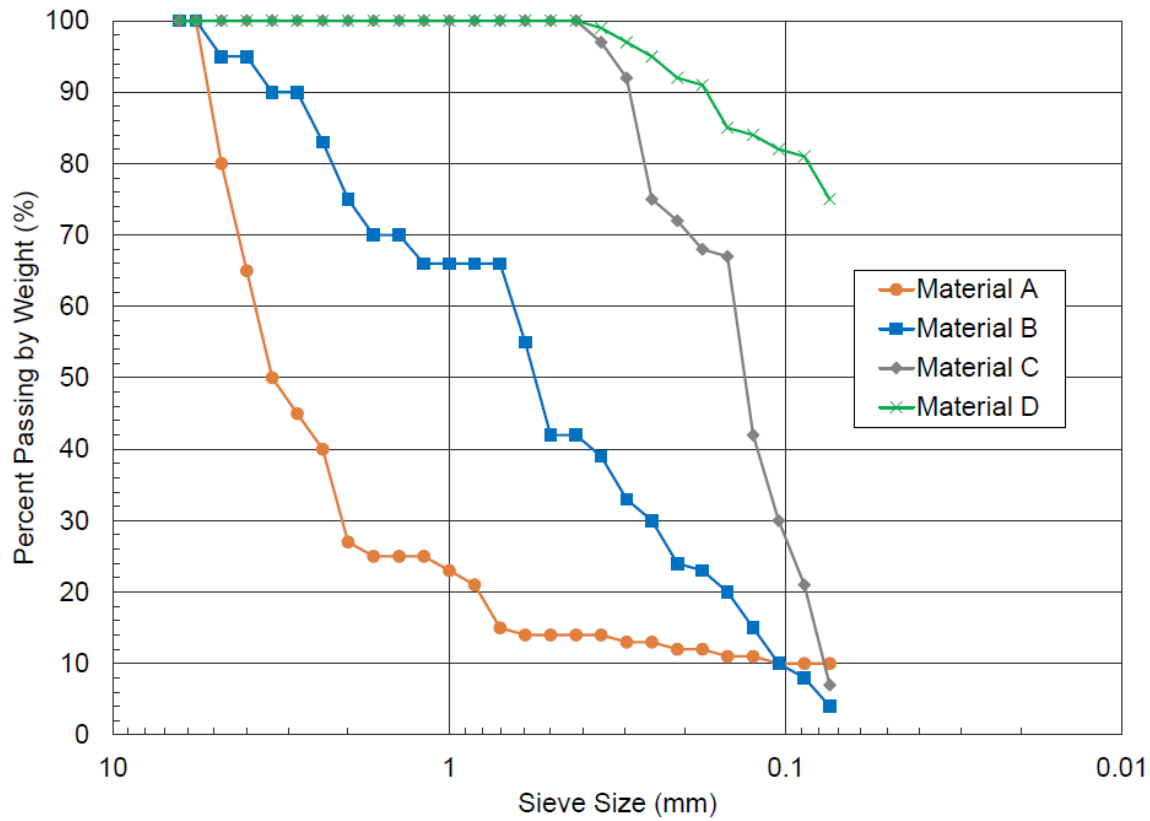
Example No. 2

Which of these geologic hazards is elevated several years after a wildfire?

- A. Deep-seated landslides
- B. Soil liquefaction
- C. Debris flow
- D. Rock fall

Example No. 3

Use the exhibit provided to answer the following question.



A geologist is evaluating grain-size curves from four potential borrow sources for use in constructing a levee in the Central Valley. The engineer has indicated that the levee will cross a few alluvial deposits of sands and silty sands which will be excavated and replaced with compacted low permeability material to reduce under seepage. Which of the borrow materials is most suitable for use by the engineer designing and constructing the levee?

- A. Material A
- B. Material B
- C. Material C
- D. Material D