

Pre-Test Soil Classification

1. Benching is an acceptable form of protection in type C soil.
 - a. True
 - b. False
2. At what depth do you need a protective system in trenches?
 - a. 3 feet
 - b. 4 feet
 - c. 5 feet
 - d. 10 feet
3. What is the angle of excavation for stable rock?
 - a. 45°
 - b. 65°
 - c. 75°
 - d. 90°
4. Type A soil is:
 - a. Solid Rock
 - b. Un-disturbed Clay like Soil
 - c. Sand
 - d. None of the above
5. Type B soil is:
 - a. Solid Rock
 - b. Clay like Soil, that has been disturbed
 - c. Sand
 - d. None of the above
6. Type C soil is:
 - a. Solid Rock
 - b. Clay like Soil
 - c. Sand
 - d. None of the above

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7. Where soils are configured in layers, i.e., where a layered geologic structure exists, the soil must be classified (ex. you have type b over type c):
 - a. As the strongest soil
 - b. As the weakest soil
 - c. As a class c soil only
 - d. None of the above

8. How much does a cubic yard of soil weigh?
 - a. 3000 lbs.
 - b. 1000 lbs.
 - c. 500 lbs.
 - d. 10000 lbs.

9. What is a penetrometer?
 - a. Instrument that uses blades that are pressed into soil to define comprehensive strength
 - b. Instrument used to determine the unconfined compressive strength of soil
 - c. A piece of equipment used to identify different hazardous materials in the soil
 - d. None of the above

10. What is a sheervane?
 - a. Instrument that uses blades that are pressed into soil to define comprehensive strength
 - b. Instrument used to determine the unconfined compressive strength of soil
 - c. A piece of equipment used to identify different hazardous materials in the soil
 - d. None of the above

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