To: Reggie Muldoon

From: Jackie Sandburg, JOS Contractors

Mr. Muldoon,

Before we begin construction on your property, we must conduct a thorough site investigation. This letter explains the steps in that process.

First, we will do a complete surface evaluation. This will include a topographic survey of the surface features. The designers will use this data to design appropriate landscape features. We will also know if we need to move soil to make the site level.

Next, a subsurface investigation will be necessary. We need to know what kind of soil the foundation will rest on. A preliminary check showed mostly sand and larger pieces of gravel. However, there may also be weaker silt or clay soils present. We will dig several test pits to obtain a complete soil profile. Some of these will only be a few meters deep. For others we will use a drill rig to dig twenty meters down.

Please let me know if you have any questions. Regards.

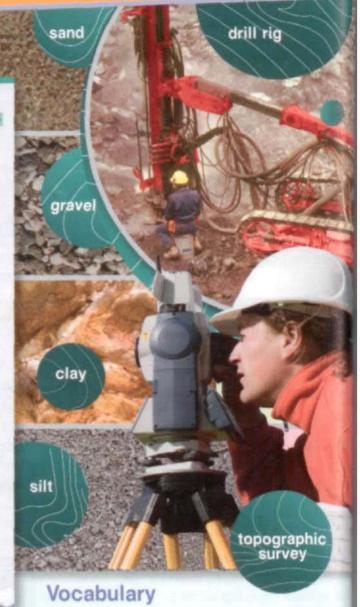
Jackie Sandburg

Get ready!

- Before you read the passage, talk about these questions.
 - 1 What are some different soil types?
 - 2 What equipment digs deep into the ground?

Reading

- Read the letter from a contractor to a landowner. Then, mark the statements as true (T) or false (F).
 - 1 _ The topographic survey provides data for landscape design.
 - 2 _ The preliminary investigation showed silt soil to be present.
 - 3 __ The soil profile includes soil from twenty meters below the surface.



 Match the words (1-6) with the definitions (A-F).

1 _ sand

4 _ surface evaluation

2 __ clay 5 __ silt

3 __ gravel 6 __ topographic survey

- A a soil type with particles measuring between 0.002 mm and 0.02 mm in diameter
- B a soil type with particles measuring between 630 micrometers and 5 mm in diameter
- C an examination of the top layer of soil at a construction site
- D a soil type with particles measuring less than 0.002 mm in diameter
- E a soil type with particles measuring between 5mm and 75mm in diameter
- F an examination and description of the surface features of a construction site