**Solution All About Soil**

Pages 64 and 65

1. Explain what makes up soil and why is it a non-renewable resource.  
   Organic Matter, Brocken down rock, water and air. It non-renewable because it takes a very long time to make
2. Describe what happens in each stage of soil development   
   First stage:

Rock starts to break down by rain and water, chemical change and weathering

Last stage:

Organic matter is added to the topsoil due to plants growing and dying on the soil and the plants also break down the rock/soil further

1. Identify two major challenges for Australian farmers.  
   saline soil and drought
2. Describe the methods Australian farmers have developed to overcome the challenges of climate and poor soil.  
   Fertilize soil

Test Soil

Pages 82 and 83

1. Identify human activities which have led to soil degradation.  
   Over farming

Clearing forest

Poor irrigation

Density of farm animals

1. How does clearing nativel vegetation result in soil degradation.  
   No roots cause soil to be weathered and eroded
2. Explain the link between soil degradation and salinity.  
   Saline soil decreases soil quality leading to little plants leading to errosion
3. Distinguish between primary and secondary salinity.  
   Primary caused by humans secondary natral
4. Provide examples of ways in which farmers can manage salinity.  
   Buils Levee

Plant Lucerane