Assessment Information
Mission Geography Module 3, Investigation 2: Log 1
What’s hot at the mall?

1. Land and soils
An example is provided in the Log. A mall will cover a lot of soil with buildings and pavement. Rainwater cannot soak into the pavement and may run off to nearby land, causing erosion.

2. Forest and vegetation
Trees are cut down and other vegetation removed. A small amount of replacement vegetation is planted in landscaped areas around the mall.

3. Wildlife habitats
Some animals lose their habitats. They must move to other forested areas.

4. Streams and drainage patterns
Moving Earth material will alter the way that water flows. More sediment may enter streams due to erosion of disturbed land.

5. Temperature of air and ground
Temperatures of air and land will sometimes increase due to heat retained and then released by pavement and buildings. This will warm the area.