

## Big Equipment

### Topic: Mining

#### Background Information

Mining requires the use of large mobile equipment such as excavators, haul trucks, scrapers, graders, and bulldozers. The type of equipment used is dependent on the type of mining and which part of the mining process is taking place.

#### You Will Need

- Graph paper
- Pencils
- Internet access

#### What You Need To Do

- In groups, brainstorm the types and uses of equipment used in mining.
- Choose one piece of equipment and research the details – size, capacity, what the equipment is used for etc.
- Using graph paper draw a scaled version of the mobile equipment you have researched.

#### Extension/Alternatives

Prepare a free hand sketch of the equipment.

#### Curriculum Links

**Society & Environment:** Investigation, Communication & Participation, Resources

**Science:** Energy and Change

**Technology and Enterprise:** Technology Skills

**Mathematics:** Measure, Space

#### Links

Refer to the Huntly site information on the Alcoa website – [www.alcoa.com.au](http://www.alcoa.com.au)