







# **Activity – Concern – Solution**

Mining can impact the environment. Examples of activities include clearing vegetation during mine construction; creating waste rock and dust through blasting; and using energy and water in mineral extraction, milling, and processing. Government regulations and mitigation measures, innovation, and technology serve to prevent, reduce, or control these impacts.

### **Activity Purpose**

Learn about impacts of mining activities on the environment. Match mining activities with environmental concerns and with innovative solutions used to minimize impacts on the environment.

#### **Supplies**

• Print and cut out a set of Activity – Concern – Solution cards (8 sets of 3, total of 24).

#### Instructions

- 1. Arrange all the red Activity cards face up on a table.
- 2. Shuffle all the blue Concern and yellow Solution cards.
- 3. Match the corresponding Concern and Solution cards with each Activity card.
- 4. When you have finished matching, you should have 8 sets of three.

## Discussion

What were your impressions of the mining activities and the associated concerns and solutions that are represented?











Mining can accidentally spill chemicals hazardous to the environment.



