

# ENGINEERING EXPLORATION



Liebherr builds trucks and excavators. These are **capital resources**, which are goods made by people that are used to produce other goods and services. All of these excavators and trucks remove and haul **natural resources** from deep in the soil, such as coal or gold.



Mining trucks and excavators are capital resources that work together to remove and haul natural resources from a mining site.

## MINING TRUCKS

### Heavy Haulers

- The dump bed allows you to carry natural resources, such as coal or gold.



### Monster-Sized Machines

- This truck is huge and is great for carrying a lot of material in one load. Look how big it is next to the pickup truck!



## MINING EXCAVATORS

### Deep Diggers

- The person who works the excavator sits in the rotating cab. The cab can turn in a complete circle to change the digging direction.
- Notice the elbow on this machine's arm. It bends so the excavator can extend and dig.



### Super Scoopers

- The sharp teeth on the bucket help to break up rock and loosen the soil.
- Excavators have different scoopers. This one is called a shovel.
- Notice the face shovel on this machine. It is used to grasp materials.



You just read about mining equipment. You may be wondering why it is used. Mining trucks and excavators are **capital resources** that work together to remove and haul **natural resources**, like gold and coal, out of Earth's soil. We have many uses for natural resources, but we have to get them out of the soil first. Bigger and stronger mining equipment means we can get these resources faster.