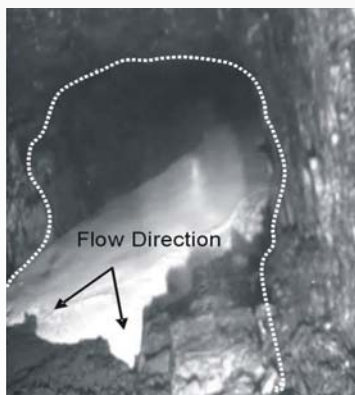


ARX-Transport™ is ideal for backfills that have limited access to water.

When using foam as a transport agent, less water is required to move the material making it a cost effective alternative to using water.

## ARX-Transport™ Features & Benefits

- ▶ Since air weighs less than water, foam uses less energy than water when being used as a transport medium
- ▶ Foam is generated on site, eliminating the need to pump or haul in a water source
- ▶ Foam reduces abrasion on the pipeline due to the lower flow velocity and plug flow pattern
- ▶ ARX-Transport™ foam is safe for the environment and biodegradable
- ▶ Material particle size can be as large as 3/4"
- ▶ For mining applications it eliminates the need for an impoundment pond



ARX-Transport™ moving foamed sand in an abandoned coal mine room

# FOAM TRANSPORT FOR SOLID MATERIALS



Aerix Industries™ has made advancements in the transport of solid materials, such as mine tailings or waste crusher sands by using ARX-Transport™ foam.

Traditional material transportation uses water as the transport medium. ARX-Transport™ technology involves the introduction of foam to replace the water as the main transport medium. This process provides a less expensive, environmentally safe alternative to traditional methods.

## PERFORMANCE CHARACTERISTICS

ARX-Transport™ suspends the material during transport without segregation. This eliminates the need for a high pumping velocity, further reducing the energy demand and allowing for a wider range of adequate pumps types.

More solids per unit area are pumped when using ARX-Transport™ compared to using water. (For example: 50% solids with water weighs approximately 81 lbs; 50% solids with foam weighs approximately 53 lbs.)

**Aerix Industries™**  
Advanced Engineered Foam Solutions

