

MINING DRILLING EXPLORATIONS SOLUTIONS

Chemical Products for your
Exploration Drilling Operations



POWER
CHEMICAL SERVICES

Ensuring Efficiency of your Core Sampling Operations

Drilling activities is the backbone of today's mining operation, and that includes exploration drilling as well. When drilling, we need to keep flushing the cut materials out in the form of slurry that needs to be treated so it can be circulated back for further removal of fresh new drill cuttings.

Our **POWERDRILL™ & POWERFOAM™** drilling fluid additive chemicals product are your best choice for your various mining drilling activities.



Our **Mining Exploration Drilling Products** are a perfect fit for:

- Wireline coring for mining exploration activities
- Tunneling using a TBM (Tunnel Boring Machine)



Our Chemical Products

POWERDRILL™ : Polymer for Slurry Displacement Drilling or Wireline Coring Drilling

Our **POWERDRILL™** is a polymer based liquid emulsion that is used to raise the viscosity of the drilling mud in order to be able to achieve the required mud density and successfully raised the drill cutting from the drill bore to the surface. Or in a TBM cases, our polymer helps to carries the drillbit cuttings for safe and easy disposal.

Our POWERDRILL™ Product Benefits:

- Faster settling rate of solids, allowing for faster water recycling time
- Higher drilling efficiency overall
- Higher advancement rate (for TBM applications)

POWERFOAM™ : Mine Drilling Foamer for Easier Cutting Removal

Our **POWERFOAM™** is a **surfactant based foamer** product that is used in a variety of air drilling operations. These foamers allow air or gas drilling through water-bearing formations. It is compatible with all types of makeup water including fresh, brackish and hard water.

Our POWERFOAM™ Product Benefits:

- Very effective in producing foam of high quality and stability.
 - Compatible with all types of makeup water including fresh, brackish and hard Water.
 - Improves hole cleaning and increases penetration rates.
 - Reduces the tendency of softer clays to stick together.
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