

TOOLBOX TALKS

Tips for Roof Control

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TOPIC: Tips for Roof Control

Follow The Plan

- Make sure everyone is familiar with the requirements of the approved roof control plan on advance and retreat mining.
- Review the plan if conditions change.

Evaluate The Need For Increased Support

- Thoroughly examine the roof, rib, and face before work is started and whenever changing conditions dictate.
- Be familiar with maps of adjacent areas while keeping in mind streambeds, low cover, and other geological conditions.
- Drill every test hole at least 0.6 meters (2 feet) deeper than the anchorage point of the longest installed roof bolt to evaluate the immediate conditions of the roof.
- Be aware of strata conditions and changes such as hill seams, vertical joints, cracks, and kettle bottoms through constant visual observation.
- Install additional support when necessary to control draw rock between bolts.

Prevent Unsafe Roof Conditions

- Narrow entry widths.
- Increase number of test holes.
- Stagger crosscuts.
- Limit depth of cuts.
- Install extra support, cribbing, posts, cable bolts, truss bolts, or beams.

Discussion Date: _____

Employee Participants:

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