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### SAFETY ALERT BULLETIN

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#### Kentucky DMS Safety Alert No. 1 – FALL OF ROOF

A roof fall occurred on the slope travelway of an underground mine in the Hazard Branch. The post-fall results identified that the arches installed in the area had significantly deteriorated due to corrosive water that was present on the slope before the mine's rehabilitation.

#### **Incident Scene**



#### RECOMMENDATIONS

1. Conduct a thorough and adequate preshift examination on all travelways in which miners normally travel.
2. When accessible, the mine roof above and ribs outside of the arches or slope structure shall be regularly examined.
3. If deterioration of the slopes support structures is observed, they must be immediately corrected before miners travel through the affected area.
4. Mine examiners shall visually inspect all supplementary supports for signs of increased weight-bearing stress.