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# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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June 11, 1992

**TO:** Pamela Grubaugh-Littig, Permit Supervisor

**FROM:** Henry Sauer, Senior Reclamation Soils Specialist *HS*

**RE:** Incidental Boundary Change - Safety Concern, UTU-64263, Cyprus Plateau Mining Corporation, Star Point Mine, ACT/007/006, Folder #2, Carbon County, Utah

## SYNOPSIS

The permittee has submitted a request to develop five entries on the west side of the Bear Canyon Graben. The entries are essential for providing alternative escapeways for miners. The permittee, at this time, does not plan on any surface disturbance. However, this may be eventually required and will be handled as a separate permit amendment or significant revision.

The permittee must adequately address the forthcoming issue prior to approval of this permitting action.

### R645-301-624.320 Geologic Description

The PAP contains no information regarding the acid- and/or toxic-forming and alkalinity producing potential of the stratum immediately above and below the coal seam on the west side of the Bear Canyon Graben.

Therefore, the operator must commit to physicochemically characterizing the strata immediately above and below the coal seam to determine the acid- and/or toxic-forming and alkalinity producing potential of the roof, floor and midseam materials. The permittee's commitment must include sampling frequency and location, and specific parameters analyzed and laboratory methodologies employed.

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