



EarthFax

**EarthFax
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94E

October 10, 1994

Mr. Lonnie Mills
Senior Environmental Engineer
Cyprus Plateau Mining Corporation
Post Office Box P.M.C.
Price, Utah 84501

**SUBJECT: Road Embankment Stability Evaluation
Lion Deck Portal Access Road
Star Point Mine, Carbon County, Utah**

*ACT/007/006 #2
Copy DAM?
DARON*

Dear Lonnie:

As you requested, the section of the Lion Deck Portal Access Road at the Star Point Mine that experienced a slope failure this past spring has been analyzed for static stability under present conditions. The purpose of the evaluation was to address one of the slide mitigation plan deficiencies outlined by the Division of Oil, Gas and Mining in their letter to Mr. Ben Grimes dated September 13, 1994. The attached report contains descriptions of the methods, assumptions, results, and conclusions associated with the evaluation.

To summarize the report, it appears that the road embankment, as repaired, is statically stable so long as water (drainage, leaking pipes, etc.) does not accumulate in the embankment and significantly raise the piezometric surface. This conclusion and the attached report should satisfy the Division's concerns pertaining to stability of the repaired section of the embankment.

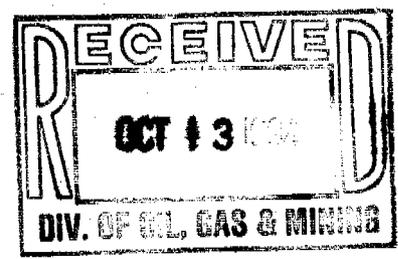
If you or the Division have any questions regarding the slope stability evaluation, or our conclusions, please do not hesitate to call.

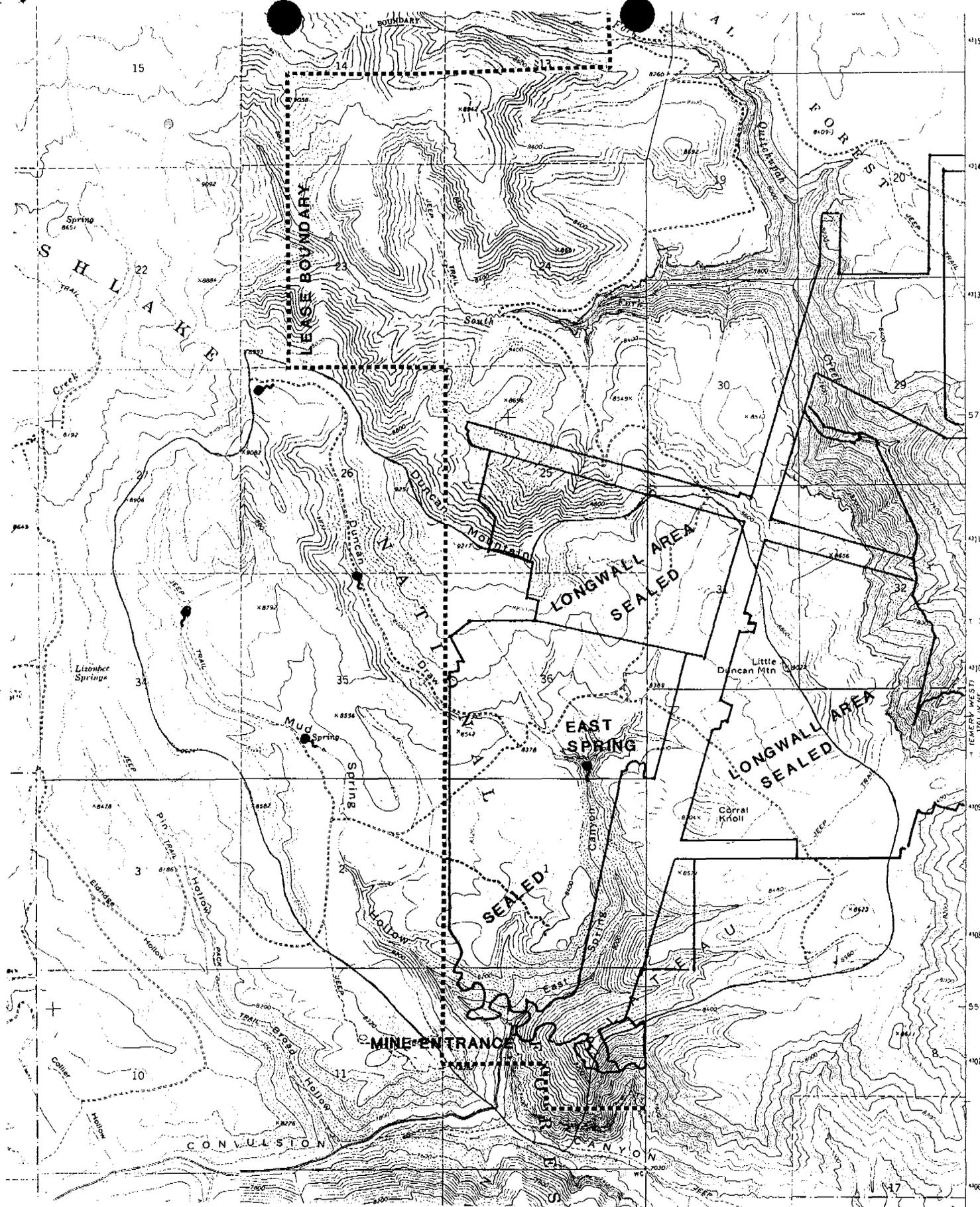
Sincerely,

William S. Hendrickson, P.E.
Civil Engineer

Enclosure

cc: Rhett Brooks, P.E. (EarthFax)





SPRINGS

FIGURE 1