



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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April 3, 1989

TO: Mary Ann Wright, Administrator  
Abandoned Mine Reclamation Program

FROM: Louis A. Amodt, Reclamation Geologist *LAA*

RE: Summary of Site Visit and Rough Cost Estimate for Boyer Mine, Summit County, Utah.

The Boyer Mine site, located approximately one mile east of Upton, Utah within Summit County, is an inactive mining operation. A preliminary reconnaissance of the site, which was made on March 30, 1989, indicated some potential safety hazards.

The site is partially fenced with a gate which is closed but not locked. Foot access to the site is possible without any access deterrents on site. Three open portals were observed on the site with only one of these having wire mesh placed over the opening. Air movement was detected out of two of the three openings at the time of this visit. There was an underground fire about a year ago (information from Harold Sandbeck, DOGM Inspector). The site also contains mining related equipment and earth moving equipment. The mining facilities on the site are intact and would pose a hazard to anyone climbing on the equipment or structures. Approximately 12,500 to 15,000 cubic yards of gob are also present onsite. High boron content in the gob may preclude backstowing.

Rough cost estimates to complete reclamation of closing the portals, demolition of the structures and placing the gob within the mine workings are as follows:

Cost to backstow 15,000 cyds gob	
Ventilation	\$ 5,000
Roof support	3,000
Backstow* 15,000 cyds @ \$4/cyd	60,000
Remaining reclamation on site	
Portal closures 3 @ \$3,000 ea	9,000
Demolition 150 cyds @ \$50/cyd	7,500
Site grading 10,000 cyds @ \$1/cyd	10,000
Drainage restore 1,000 ft @ \$25/	25,000
Topsoil (3 acres) 4,840 cyds @ \$2/cyd	9,700
Revegetation 5 acres @ \$1,300/acre	6,500
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Total Rough Cost Estimate	\$135,700

\*May not be option with high boron, would have to remove from site to unknown approved disposal site. Cost unknown at this time.

vmn

cc: Lowell Braxton  
AM276/103