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JUL 02 1990

June 29, 1990

Mr. John Pappas
Utah Division of Oil, Gas & Mining
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3 Triad Center, Suite 350
Salt Lake City, Utah 84180

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Engineering Inc.
Engineers/Scientists
7324 South 1300 East
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Midvale, Utah 84047
Telephone 801-561-1555

Subject: Blazon No. 1 Mine Mud Creek Water Quality Analysis and Sedimentation Pond Inspection

Dear John:

Enclosed please find the laboratory analysis for the water quality samples collected from Mud Creek upstream and downstream of the disturbed area at the Blazon No. 1 Mine. The samples were collected on June 14, 1990 which represents the period of seasonal high flows.

In addition to the laboratory analysis, the measured field data are as follows:

	<u>Upstream</u>	<u>Downstream</u>
pH	8.74	8.70
Specific Conductivity (umhos/cm)	224	337
Temperature (°C)	5.0	6.6
Flow (cfs)	3.79	4.27

A sedimentation pond inspection was also conducted on June 14, 1990. Attached is the pond inspection report for the second quarter of 1990.

Please contact us if you have any questions or need additional information.

Sincerely,

Carol A. Bjork, P.E.
Civil Engineer

Enclosure

cc: Adam Affleck (Holme, Roberts & Owen)
Jill Hodge (NAE)