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NATURAL RESOURCES

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

1588 West North Temple

Salt Lake City, Utah 84116

(801) 533-5771

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Chairman

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Director

May 2, 1978

Mr. Clem Cafarelli
Utah Coal & Energy
1865 South Main, Ste. 11
SLC, UT 84115

Re: Black Hawk Mine
Summit County
ACT/043/001

Dear Mr. Cafarelli:

Please find enclosed a proposed seed mixture for revegetating the problem area above the portals. We recommend that the work begin immediately by hydro-seeding and applying a wood fiber mulch at a rate of 1500 pounds per acre. Fertilizer should also be applied at a rate of 50 pounds per acre in the form of ammonium nitrate or urea. The species of vegetation to be planted and the application rates are as follows:

<u>Species</u>	<u>Rate (lbs/acre)</u>
Fairway Crested Wheatgrass	2
Bluebench Wheatgrass	3
Intermediate Wheatgrass	3
Indian Ricegrass	1
Meadow Foxtail	1
Smooth Brome	2
Orchard Grass	2
Alfalfa	1
Yellow Sweetclover	1
Antelope Bitterbrush	1
Utah Serviceberry	1

If you should have any questions, please don't hesitate to call.

Sincerely,

JAMES W. SMITH
RECLAMATION SOILS SPECIALIST

JWS/jt