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STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

October 17, 1984

Ms. Marcia H. Wolfe
Reclamation Engineer
Kaiser Steel Corporation
P. O. Box 1107
Raton, New Mexico 87740

Dear Ms. Wolfe:

RE: Request for Additional Information for the Grassy Trail
Creek Dam Borrow Area, Sunnyside Mines, ACT/007/007, #3,
Carbon County, Utah

The Division has received and reviewed your submittal of September 25, 1984 concerning the Grassy Trail Creek dam borrow area. Before the suitability of the topsoil substitute material can be assessed, the methods used to test each parameter listed must be submitted.

Upon receipt and review of this information, a determination will be made whether the borrow area location and analysis are acceptable. If the area is suitable, it can be submitted as part of the B Canyon revision to the Sunnyside permit.

If you have any questions, please contact Ev Hooper or Steve Cox.

Sincerely,

Mary M. Boucek
Mary M. Boucek
Permit Supervisor/
Reclamation Biologist

SC/btb

cc: Lou Hamm
Steve Cox
Wayne Hedberg
Ev Hooper
Dave Lof
Jim Smith

89740-20



KAISER STEEL CORPORATION
 RATON COAL PROPERTIES ■ P. O. BOX 1107
 RATON, NEW MEXICO 87740 ■ (505) 445-5536

FILE
 ACT/007/007, #213

Copy to:
 Steve
 &
 Wayne
 OSM - L. Hamman

RECEIVED
 OCT 01 1984
 DIVISION OF OIL
 GAS & MINING

September 25, 1984

Mr. Steve Cox
 Division of Oil, Gas & Mining
 4241 State Office Building
 Salt Lake City, UT 84114

Re: Sunnyside Underground Mines Permit: Borrow Materials

Dear Mr. Cox:

As you are aware, there may be a potential need for additional borrow material for use in a topsoil substitute. West of the Grassy Trial Creek Dam there is a small landslide area which could be used as a source of additional material if necessary. You inspected this site with Mr. Hooper on 08/17/84.

Soil analyses indicate the material to be suitable as plant growth media. The analyses are attached. Per your recommendation and approval, this borrow location and data can be amended to the Sunnyside permit application at the time of the B Canyon Revision submittal.

Please advise me at your earliest convenience. Thank you.

Sincerely,

KAISER STEEL CORPORATION

Marcia H. Wolfe

Marcia Hamman Wolfe
 Reclamation Engineer

MHW/lm

Enclosure

cc: Doug Pearce



Chemical analyses of potential borrow material from west of
Grassy Trail Creek

<u>Parameter</u>	<u>Mean Value</u>
pH	8.0
ec	0.6 mmho/cm
Lime	hi
OM	.25 mg/l
N	7.0 "
P	1 "
K	100.5 "
Zn	0.9 "
Fe	8.7 "
Mn	1.9 "
Cu	3.9 "
Ca	3.6 meq/l
Mg	2.9 "
Na	.5 "
SAR	.4
Al	Less than 1 mg/l
Mo	5 mg/l
Se	0.08 "
As	15.2 "
Pb	36.5 "