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State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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June 24, 1996

Dr. Jayne Belnap
Research Biologist
National Park Service
Southeast Utah Group
125 West 200 South
Moab, UT 84532

Re: Cryptobiotic Soil Study, J.B. King Mine, ACT/015/002, Folder #2, Emery County, Utah

Dear Dr. Belnap:

Please find enclosed the post-treatment samples from the cryptobiotic soil study at J.B. King collected on June 4, 1996. Sample descriptions are included on the enclosed updated page 3 of the summary sheet. As requested before, in addition to performing your regular analyses, we would appreciate if your laboratory would also analyze the 3, 10-cm depth soil samples for the following:

- % CaCO₃
- % Sulfur (non-SO₄-S)
- Soil density
- pH

Again, we are appreciative of your time and contribution on this cryptobiotic soil study.

Sincerely,

A handwritten signature in black ink, appearing to read 'Robert A. Davidson'.

Robert A. Davidson
Soils Reclamation Specialist

blb
cc:

Susan White
Sharon Falvey
Joe Helfrich
Pam Grubaugh-Littig
E.M. (Buzz) Gerick, V.P. Operations, Western States Mineral Corp.



FIELD SAMPLES:

1. Pre-treatment soil sampling - 5/16/96
 - Chlorophyll Samples: J.B. King Mine site, pretreatment (PrC), 5/16/96, s1-1 thru s1-8, s2-1 thru s2-8, and s3-1 thru s3-8. Total of 24 samples in ½-size ziplock bags.
 - Soil Samples: J.B. King Mine site, pretreatment (PrS), 5/16/96, s1 thru s3. Total of 3 samples in full-quart size ziplock bags.
2. Post-treatment soil sampling - 6/4/96
 - Chlorophyll Samples: J.B. King Mine site, post-treatment (PoC), 6/4/96, s1-1 thru s1-8, s2-1 thru s2-8, and s3-1 thru s3-8. Total of 24 samples in ½-size ziplock bags.
 - Soil Samples: J.B. King Mine site, post-treatment (PoS), 6/4/96, s1 thru s3. Total of 3 samples in full-quart size ziplock bags.