

0029

VALLEY CAMP OF UTAH, INC.

Scofield Route
Helper, Utah 84526

July 24, 1986

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JUL 28 1986

**DIVISION OF
OIL, GAS & MINING**

A CT/07/001

Mr. James Leatherwood
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Re: Substitute Topsoil Analysis
Utah No. 2 Area

Dear Mr. Leatherwood:

In our meeting on June 3, 1986 with Mr. Rodney Gabehart, Division personnel and myself at Valley Camp's office, you expressed a concern over the analysis of materials proposed for substitute topsoil at our Utah No. 2 load-out area. In particular, the analysis sheet for the materials examined in test hole numbers 1, 2, and 3 did not disclose the depth of holes, nor the intervals at which samples were taken.

For your information, I am enclosing copies of the analysis sheets with the desired information now shown in the "Depth-Interval Ft." column.

I hope this information will be satisfactory to your needs, but should it be otherwise, please feel free to contact me.

Sincerely,



Trevor G. Whiteside
Chief Engineer

TGW/gs

Enclosure

Valley Camp of Utah, Inc.
 Belina Mine Site
 Clear Creek, Utah 84526

MINE: UTAH NO. 2

ANALYSIS BY: INTER-MOUNTAIN LABORATORIES, INC.

DATE: September 24, 1983
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Lab No.	Hole No.	Depth Interval Ft.	pH	Cond. mmhos/cm @ 25°C	Saturation %	Particle Size			Texture	Soluble Cations			SAR (1)
						Sand %	Silt %	Clay %		Ca	Mg Meq/l	Na	
22093	1	10 Ft. - 2 Ft.	7.3	0.79	34.3	50.4	38.9	10.7	Loam	5.29	1.71	1.22	0.65
22094	2	8 Ft. - 2 Ft.	7.4	1.08	30.5	59.5	30.7	9.8	Sandy Loam	7.75	2.35	1.32	0.59
22095	3	6 Ft. - 2 Ft.	5.5	0.31	32.2	44.0	42.5	13.5	Loam	1.81	0.41	0.97	0.92

Footnotes: (1) Sodium Adsorption Ratio

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MINE: UTAH NO. 2

ANALYSIS BY: INTER-MOUNTAIN LABORATORIES, INC.

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Lab No.	Hole No.	OM% (13)	K+ (14)	PO4 (15)	Fe ppm (2)	Zn ppm (3)	B ppm (4)	N ppm (5)	Mo ppm (6)	Cu ppm (7)	Mn ppm (8)	TS % (9)	AB (10)	NP (11)	ABP (12)
22093	1	1.9	123.	17.4	15.1	1.09	0.84	7.13	0.09	0.51	9.35	0.05	1.56	22.3	20.7
22094	2	2.5	69.	13.7	16.6	1.12	0.85	5.71	0.08	0.41	13.3	0.05	1.56	57.1	55.5
22095	3	4.5	68.	8.74	59.3	0.66	0.76	4.30	0.05	0.80	7.52	0.05	1.56	11.9	10.3

normal

- Footnotes:
- (13) Organic Matter
 - (14) Potassium
 - (15) Phosphate as P
 - (2) Iron DTPA
 - (3) Zinc DTPA
 - (4) Boron
 - (5) Nitrate Nitrogen
 - (6) Ammonium Extractable Molybdenum
 - (7) Copper DTPA
 - (8) Manganese DTPA
 - (9) Total Sulfur Per Cent
 - (10) Acid Base
 - (11) Neutralization Potential
 - (12) Acid Base Potential in Tons Calcium Carbonate per 1000 Tons of Soil