



# Ford Chemical

LABORATORY, INC.

Bacteriological and Chemical Analysis

40 WEST LOUISE AVENUE

SALT LAKE CITY, UTAH 84115

PHONE 466-8761

0052

DATE: 08/22/85

CERTIFICATE OF ANALYSIS

VALLEY CAMP OF UTAH  
SCOFIELD ROUTE  
HELPER, UTAH  
84526

85-008570

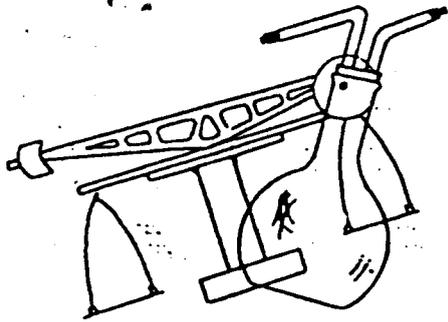
SAMPLE: SOIL SAMPLES RECEIVED 8-9-85 FOR ANALYSIS UNDER  
P.O. #30-85-60-017630.

UTAH #2  
POND 002

*Based on the accuracy of this data, I suggest that new samples be analysed again by a different company. I would not recommend this material for substitute material until "reasonable" analytical data is submitted to the Division.*

1-Clay % USDA 18	29.00	
1-Sand % USDA 18	65.00	
1-Silt % USDA 18	6.00	
Alkalinity CaCO3 Meq/100gm	.27	
Alkalinity as CaCO3 PPM	1,682	
Calcium as Ca meq/100gm	10.31	<i>103.1 meq/100g</i>
Calcium as Ca PPM SM 303A	20,665	<i>1033.3 me/l 556</i>
Cation Exchange Cap. Meq/100gm	25.50	
Conductivity mmhos/cm @ 25	1.3	<i>832 mg/l - low for data</i>
Magnesium as Mg PPM SM303A	5,580.30	<i>459.3 Meq/L 230</i>
Magnesium as Mg meq/100gm	4.58	<i>45.9 meq/100g</i>
Nitrogen as N2 PPM (A)	450.00	
Organic Material % (Dry B)	10.50	<i>- wow!</i>

*Salvaged part*



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Phosphorus as P ppm SM424C(A)	2.50	
Potassium as K ppm SM303A	2,538.03	
Potassium as K meq/100gm	.64	6.4 meq/100g
Saturation %	12.00	006.3 should be ~ 40
Sodium Absorption Ratio	.937	.95
Sodium as Na meq/100gm	.25	26 meq/L
Sodium as Na ppm SM303A	.0588	hard to believe since there is so much Ca & Mg 26 64
Total Kjeldahl Nitrogen ppm	1,640.00	
pH Units (1:1 Ratio) SM423	8.00	

  
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Calcium as Ca PPM SM 303A	20.665
Cation Exchange Cap. Meq/100gm	25.50
Conductivity mmhos/cm @ 25	1.3
Magnesium as Mg PPM SM303A	5,580.30
Magnesium as Mg meq/100gm	4.58
Nitrogen as N <sub>2</sub> PPM (A)	450.00
Organic Material % (Dry B)	10.50



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Potassium as K PPM SM303A	2,538.03
Potassium as K meq/100gm	.64
Saturation %	12.00
Sodium Absorption Ratio	.937
Sodium as Na meq/100gm	.25
Sodium as Na PPM SM303A	588
Total Kjeldahl Nitrogen PPM	1,640.00
pH Units (1:1 Ratio) SM423	8.00

  
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