Inter-Mountain Laboratories, Inc.
1673 Terra Avenue, Sheridan, Wyoming 82801
(307) 672-8945

Received
APR 29 2010
Canyon Fuel Company
SUFCO Mine

Soil Analysis Report

Canyon Fuel Company, LLC.
397 South 800 West
Salina, UT 84654

Report ID: S1003422001
Date Reported: 4/23/2010
Work Order: S1003422

Project: Sufco
Date Received: 3/24/2010

Lab ID	Sample ID	pH	Saturation	Electrical Conductivity	PE Calcium	PE Magnesium	PE Sodium	SAR	PE Alkalinity	Selenium	Boron
		s.u.	%	dS/m	meq/L	meq/L	meq/L		meq/L	ppm	ppm
S1003422-001	WRDS 1st Quarter	7.8	62.6	4.72	4.18	1.95	38.6	22.1	2.66	0.03	3.42

These results apply only to the samples tested.

Abbreviations for extractants: PE= Saturated Paste Extract, H20Sol= water soluble,AB-DTPA= Ammonium Bicarbonate-DTPA, AAO= Acid Ammonium Oxalate
Abbreviations used in acid base accounting: T.S.= Total Sulfur, AB= Acid Base, ABP= Acid Base Potential, PyrS= Pyritic Sulfur, Pyr+Org= Pyritic Sulfur + Organic Sulfur, Neutral. Pot.= Neutralization Potential
Miscellaneous Abbreviations: SAR= Sodium Adsorption Ratio, CEC= Cation Exchange Capacity, ESP= Exchangeable Sodium Percentage

Reviewed by: Karen A Secor
Karen Secor, Soil Lab Supervisor

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Lab ID	Sample ID	Total Sulfur %	T.S. AB t/1000t	Neutral. Potential t/1000t	T.S. ABP t/1000t	Sulfate Sulfur %	Pyritic Sulfur %	Organic Sulfur %	PyriticS AB t/1000t	PyriticS ABP t/1000t
S1003422-001	WRDS 1st Quarter	0.42	13.0	45.4	32.3	<0.01	0.11	0.31	3.35	42.0

These results apply only to the samples tested.

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Karen Secor, Soil Lab Supervisor