Inter-Mountain Labs
1673 Terra Avenue, Sheridan, Wyoming 82801 ph: (307) 672-8945

Your Enviromental Monitoring Partner

Soil Analysis Report

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

Report ID: S1012060001

Project: Sufco
Date Received: 12/4/2010

Date Reported: 1/20/2011
Work Order: S1012060

Lab ID	Sample ID	pH	Saturation	Electrical Conductivity	PE Calcium	PE Magnesium	PE Sodium	SAR	PE Alkalinity	Available Selenium	Available Boron
		s.u.	%	dS/m	meq/L	meq/L	meq/L		meq/L	ppm	ppm
S1012060-001	4th Qtr 2010	7.5	58.5	15.2	8.87	4.29	184	71.9	2.40	<0.02	1.43

Received
JAN 28 2011
Canyon Fuel Company
SUFCO Mine

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	Total S AGP t/1000t	H2O Soluble S AGP t/1000t
S1012060-001	4th Qtr 2010	0.34	10.6	56.4	45.8	<0.01	0.07	0.27	2.29	<	<

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Karen Secor, Soil Lab Supervisor

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Lab ID	Sample ID	PyriticS ABP t/1000t
S1012060-001	4th Qtr 2010	54.1

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