

# ALS Group USA, Corp

Date: 08-Oct-15

**Client:** HRL Compliance Solutions, Inc  
**Project:** R.L. Bayless - Alta Martin 1-33 - Pit Closure  
**Sample ID:** Background 1  
**Collection Date:** 9/28/2015 03:50 PM

**Work Order:** 15091737  
**Lab ID:** 15091737-02  
**Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>METALS ANALYSIS BY ICP</b>						
Arsenic	1.8		SW846 6010C 0.39	mg/Kg-dry	Prep: SW3050B / 10/1/15 1	Analyst: RH 10/2/2015 03:40 PM
<b>SOLUBLE CATIONS FOR SAR</b>						
Calcium	68		SW846 6010C 5.0	mg/L	Prep: USDA Method 20B / 10/5/15 10	Analyst: JEC 10/5/2015 12:54 PM
Magnesium	15		2.0	mg/L	10	10/5/2015 12:54 PM
Sodium	3.4		2.0	mg/L	10	10/5/2015 12:54 PM
<b>SODIUM ADSORPTION RATIO</b>						
Sodium Adsorption Ratio	0.098		USDA H60 METHO 0.010	none	Prep: USDA Method 20B / 10/5/15 1	Analyst: JEC 10/5/2015
<b>ELECTRICAL CONDUCTIVITY (SAR)</b>						
Electrical Conductivity @ Saturation	0.52		USDA H60 METHO 0.050	mmhos/cm @2	Prep: USDA Method 20B / 10/5/15 10	Analyst: JB 10/5/2015 04:30 PM
<b>MOISTURE</b>						
Moisture	3.7		E160.3M 0.050	% of sample	1	Analyst: EVB 10/1/2015 09:10 PM
<b>PH</b>						
pH	6.4		SW9045D	s.u.	Prep: EXTRACT / 10/2/15 1	Analyst: JB 10/2/2015 02:00 PM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

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**Client:** HRL Compliance Solutions, Inc  
**Project:** R.L. Bayless - Alta Martin 1-33 - Pit Closure  
**Sample ID:** Background 2  
**Collection Date:** 9/28/2015 03:55 PM

**Work Order:** 15091737  
**Lab ID:** 15091737-03  
**Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
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<b>METALS ANALYSIS BY ICP</b>			<b>SW846 6010C</b>		Prep: SW3050B / 10/1/15	Analyst: <b>RH</b>
Arsenic	1.9		0.34	mg/Kg-dry	1	10/2/2015 03:57 PM
<b>MOISTURE</b>			<b>E160.3M</b>			Analyst: <b>EVB</b>
Moisture	5.3		0.050	% of sample	1	10/1/2015 09:10 PM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

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**Client:** HRL Compliance Solutions, Inc  
**Project:** R.L. Bayless - Alta Martin 1-33 - Pit Closure  
**Sample ID:** Background 3  
**Collection Date:** 9/28/2015 04:00 PM

**Work Order:** 15091737  
**Lab ID:** 15091737-04  
**Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
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<b>METALS ANALYSIS BY ICP</b>			<b>SW846 6010C</b>		Prep: SW3050B / 10/1/15	Analyst: <b>RH</b>
Arsenic	2.0		0.41	mg/Kg-dry	1	10/2/2015 04:24 PM
<b>MOISTURE</b>			<b>E160.3M</b>			Analyst: <b>EVB</b>
Moisture	7.8		0.050	% of sample	1	10/1/2015 09:10 PM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.