



July 29, 2019

Conrad Wagenaar  
KMI Zeolite  
2300 Postal Dr. # 5139  
Pahrump, NV 89041

Lab ID:

☒ Las Vegas, NV (NV930, CA3029)  
☐ Reno, NV (NV015, CA2526)

Project:

Workorder No.: 19071318

Dear Conrad Wagenaar:

Silver State Labs-Las Vegas received 2 sample(s) on 7/24/2019 for the analyses presented in the following report.

There were no problems with the analytical events associated with this report unless noted in the Case Narrative. Analytical results reported as non-detect (ND) in the result field are below the Practical Quantification Limit (PQL). Analytical results above the PQL are reported as the measured value in the results field.

Quality control data is within laboratory defined or method specified acceptance limits except if noted.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

A handwritten signature in black ink that reads 'John Sloan'.

John Sloan  
Laboratory Technical Director  
3626 E. Sunset Road, Suite 100  
Las Vegas, NV 89120

3626 East Sunset Road, Suite 100, Las Vegas, NV 89120 - Tel: 702-873-4478  
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[ssalabs.com](http://ssalabs.com)



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3626 E. Sunset Road, Suite 100  
Las Vegas, NV 89120  
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## Analytical Report

WO#: 19071318

Date Reported: 7/29/2019

**CLIENT:** KMI Zeolite **Collection Date:** 7/23/2019 2:25:00 PM  
**Project:**  
**Lab ID:** 19071318-01 **Matrix:** AQUEOUS  
**Client Sample ID** Sandy Valley Well Water Sample

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>MERCURY - RCRA</b>		<b>EPA 7470A</b>		Analyst: JS		
Mercury	ND	0.16		µg/Kg	1	7/26/2019 4:08:23 PM
<b>METALS RCRA, SOLID</b>		<b>EPA 6010B</b>		Analyst: JS		
Aluminum	0.0705	0.0500		mg/Kg	1	7/29/2019 11:24:17 AM
Antimony	ND	0.0500		mg/Kg	1	7/29/2019 11:24:17 AM
Arsenic	ND	0.0500		mg/Kg	1	7/29/2019 11:24:17 AM
Barium	0.0183	0.0100		mg/Kg	1	7/29/2019 11:24:17 AM
Beryllium	ND	0.0100		mg/Kg	1	7/29/2019 11:24:17 AM
Boron	1.76	0.0500		mg/Kg	1	7/29/2019 11:24:17 AM
Cadmium	ND	0.0100		mg/Kg	1	7/29/2019 11:24:17 AM
Calcium	44.1	1.00		mg/Kg	1	7/29/2019 11:24:17 AM
Chromium	ND	0.0100		mg/Kg	1	7/29/2019 11:24:17 AM
Cobalt	ND	0.0100		mg/Kg	1	7/29/2019 11:24:17 AM
Copper	0.0301	0.0100		mg/Kg	1	7/29/2019 11:24:17 AM
Iron	0.218	0.0100		mg/Kg	1	7/29/2019 11:24:17 AM
Lead	ND	0.0500		mg/Kg	1	7/29/2019 11:24:17 AM
Lithium	0.108	0.0100		mg/Kg	1	7/29/2019 11:24:17 AM
Magnesium	46.0	1.00		mg/Kg	1	7/29/2019 11:24:17 AM
Manganese	0.0348	0.0100		mg/Kg	1	7/29/2019 11:24:17 AM
Molybdenum	ND	0.0100		mg/Kg	1	7/29/2019 11:24:17 AM
Nickel	0.0108	0.0100		mg/Kg	1	7/29/2019 11:24:17 AM
Potassium	5.03	1.00		mg/Kg	1	7/29/2019 11:24:17 AM
Selenium	ND	0.0500		mg/Kg	1	7/29/2019 11:24:17 AM
Silver	ND	0.0500		mg/Kg	1	7/29/2019 11:24:17 AM
Sodium	ND	1.00		mg/Kg	1	7/29/2019 11:24:17 AM
Strontium	0.256	0.0500		mg/Kg	1	7/29/2019 11:24:17 AM
Thallium	ND	0.0500		mg/Kg	1	7/29/2019 11:24:17 AM
Titanium	ND	0.0100		mg/Kg	1	7/29/2019 11:24:17 AM
Vanadium	ND	0.0500		mg/Kg	1	7/29/2019 11:24:17 AM
Zinc	ND	0.0500		mg/Kg	1	7/29/2019 11:24:17 AM

**Qualifiers:  
(Qual)**

DF Dilution Factor.  
MCL Maximum Contaminant Level.  
PQL Practical Quantitation Limit.

H Holding times for preparation or analysis exceeded.  
ND Not Detected at the PQL.

Original



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## Analytical Report

WO#: 19071318

Date Reported: 7/29/2019

**CLIENT:** KMI Zeolite **Collection Date:** 7/23/2019 2:35:00 PM  
**Project:**  
**Lab ID:** 19071318-02 **Matrix:** OTHER  
**Client Sample ID** Amargosa Produced Material Zeolite-Ash Meadows #1-5 Composite

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>MERCURY - RCRA</b>			<b>EPA 7470A</b>		Analyst: JS	
Mercury	ND	8.0		µg/Kg	50	7/26/2019 4:08:23 PM
<b>METALS RCRA, SOLID</b>			<b>EPA 6010B</b>		Analyst: JS	
Aluminum	23900	625		mg/Kg	12500	7/29/2019 5:57:57 PM
Antimony	ND	2.50		mg/Kg	50	7/29/2019 11:27:07 AM
Arsenic	24.1	2.50		mg/Kg	50	7/29/2019 11:27:07 AM
Barium	479	0.500		mg/Kg	50	7/29/2019 11:27:07 AM
Beryllium	ND	0.500		mg/Kg	50	7/29/2019 11:27:07 AM
Boron	34.9	2.50		mg/Kg	50	7/29/2019 11:27:07 AM
Cadmium	0.965	0.500		mg/Kg	50	7/29/2019 11:27:07 AM
Calcium	ND	12500		mg/Kg	12500	7/29/2019 5:57:57 PM
Chromium	1.55	0.500		mg/Kg	50	7/29/2019 11:27:07 AM
Cobalt	ND	0.500		mg/Kg	50	7/29/2019 11:27:07 AM
Copper	3.96	0.500		mg/Kg	50	7/29/2019 11:27:07 AM
Iron	3570	125		mg/Kg	12500	7/29/2019 5:57:57 PM
Lead	12.8	2.50		mg/Kg	50	7/29/2019 11:27:07 AM
Lithium	18.3	0.500		mg/Kg	50	7/29/2019 11:27:07 AM
Magnesium	1230	50.0		mg/Kg	50	7/29/2019 11:27:07 AM
Manganese	264	0.500		mg/Kg	50	7/29/2019 11:27:07 AM
Molybdenum	0.955	0.500		mg/Kg	50	7/29/2019 11:27:07 AM
Nickel	1.21	0.500		mg/Kg	50	7/29/2019 11:27:07 AM
Potassium	152	50.0		mg/Kg	50	7/29/2019 4:05:21 PM
Selenium	ND	2.50		mg/Kg	50	7/29/2019 11:27:07 AM
Silver	ND	2.50		mg/Kg	50	7/29/2019 11:27:07 AM
Sodium	84.0	50.0		mg/Kg	50	7/29/2019 4:05:21 PM
Strontium	174	2.50		mg/Kg	50	7/29/2019 11:27:07 AM
Thallium	ND	2.50		mg/Kg	50	7/29/2019 11:27:07 AM
Titanium	66.4	0.500		mg/Kg	50	7/29/2019 11:27:07 AM
Vanadium	3.92	2.50		mg/Kg	50	7/29/2019 11:27:07 AM
Zinc	12.1	2.50		mg/Kg	50	7/29/2019 11:27:07 AM

**Qualifiers:** DF Dilution Factor.  
(Qual) MCL Maximum Contaminant Level.  
PQL Practical Quantitation Limit.

H Holding times for preparation or analysis exceeded.  
ND Not Detected at the PQL.

Original

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**QC Level Report**

①   II   III   IV

NOTE: Surcharges apply to Level II, III and IV reports

**Send Results Via:**

Mail: ☐   Email: ☒   Fax: ☐

**Send Invoice Via:**  
Mail: ☐ Email: ☒ Fax: ☐

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**Field Measurements**  
On-Site pH: \_\_\_\_\_ Chlorine: \_\_\_\_\_

ments are made and storage fees may apply. they are received by the laboratory.

Container\*\*\* P-Plastic, G-Glass, V-Voa Vial, OT-Other