

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

December 14, 2021

Jeremy Pike
Entrada Consulting Group
240 Mesa Avenue
Grand Junction., CO 81501

RE: King Pyles #2

Work Order #2111195

Enclosed are the results of analyses for samples received by Summit Scientific on 11/10/21 08:15. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Muri Premer". The signature is written in a cursive style with a large initial "M" and a long, sweeping underline.

Muri Premer For Paul Shrewsbury
President



Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: King Pyles #2

Project Number: 021-190

Project Manager: Jeremy Pike

Reported:
12/14/21 15:12

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS1-1	2111195-01	Soil	11/09/21 12:20	11/10/21 08:15
SS2-1	2111195-02	Soil	11/09/21 12:25	11/10/21 08:15
SS3-1	2111195-03	Soil	11/09/21 12:30	11/10/21 08:15
SS4-1	2111195-04	Soil	11/09/21 12:50	11/10/21 08:15
SS5-1	2111195-05	Soil	11/09/21 12:55	11/10/21 08:15
SS6-1	2111195-06	Soil	11/09/21 13:00	11/10/21 08:15
BG1-1	2111195-07	Soil	11/09/21 12:35	11/10/21 08:15

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Summit Scientific

S₂

2111195

4653 Table Mountain Drive ♦ Golden, Colorado 80403
303-277-9310 ♦ 303-374-5933 (f)

Page 1 of 1

Client: Entrada Consulting Group

Project Manager: Jeremy Pike

Address:

E-Mail: jpike@entradainc.com

City/State/Zip:

Phone: 435-630-4748

Project Name: King Pyles #2

Sampler Name: Jeremy Pike

Project Number: 021-190

ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix				Analysis Requested				Special Instructions	
					HCl	HNO3	None	Other	Water	Soil	Air-Canister #	Other	EC	SAR	PH	boron		
1	SS1-1	11/9/21	1220	1			X			X				X	X	X	X	
2	SS2-1	↓	1225	1										X	X	X	X	
3	SS3-1		1230	1										X	X	X	X	
4	SS4-1		1250	1										X	X	X	X	
5	SS5-1		1255	1										X	X	X	X	
6	SS6-1		1300	1										X	X	X	X	
7	B61-1		↓	1235	1													
8																		
9																		
10																		

Relinquished by: <i>Jeremy Pike</i>	Date/Time: 11/9/21 0815	Received by:	Date/Time:	Turn Around Time (Check) Same Day ___ 72 hours ___ 24 hours ___ Standard <u>X</u> 48 hours ___	Notes:
Relinquished by:	Date/Time:	Received by:	Date/Time:	Sample Integrity:	
Relinquished by:	Date/Time:	Received by: <i>[Signature]</i>	Date/Time: 11-10-21 815	Temperature Upon Receipt: <u>14.5</u> Samples Intact: <u>Yes</u> No	

S₂

Sample Receipt Checklist

S2 Work Order# _____

2111195

Client: Entrada Client Project ID: King Pyles #2

Shipped Via: H.D./P.U./FedEx/UPS/USPS/Other _____ Airbill #: _____

Matrix (check all that apply): Air Soil/Solid Water Other: _____
(Describe)

Temp (°C) 14.5

Thermometer ID: G86A9201901378

	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature at 4°C +/- 2°C ⁽¹⁾ ? NOTE: If samples are delivered the same day of sampling, this requirement is met if there is evidence that cooling has begun.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>on ice</u>
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
If custody seals are present, are they intact ⁽¹⁾ ?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples with holding times due within 48 hours sample due within 48 hours present?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ? Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ? Record the pH in Comments.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If dissolved metals are requested, were samples field filtered?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Additional Comments (if any):				

⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.

AT
Custodian Printed Name or Initials

11-10-21
Date/Time



Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: King Pyles #2

Project Number: 021-190
Project Manager: Jeremy Pike

Reported:
12/14/21 15:12

SS1-1
2111195-01 (Soil)

Summit Scientific

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **11/09/21 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	0.0100	mg/L	1	BEK0355	11/16/21	11/23/21	EPA 6020B	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **11/09/21 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	1700	0.0527	mg/L dry	1	BEK0394	11/17/21	11/24/21	EPA 6020B	
Magnesium	206	0.0527	"	"	"	"	"	"	
Sodium	4070	0.0527	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **11/09/21 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	24.8	0.00100	units	1	BEK0529	11/24/21	11/24/21	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **11/09/21 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	94.9		%	1	BEK0375	11/17/21	11/17/21	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **11/09/21 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	32.4	0.0100	mmhos/cm	1	BEK0418	11/18/21	11/18/21	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Entrada Consulting Group
 240 Mesa Avenue
 Grand Junction, CO, 81501

Project: King Pyles #2

Project Number: 021-190
 Project Manager: Jeremy Pike

Reported:
 12/14/21 15:12

SS1-1
2111195-01 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **11/09/21 12:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
pH	7.43		pH Units	1	BEK0419	11/18/21	11/18/21	EPA 9045D	

Summit Scientific



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: King Pyles #2
Project Number: 021-190
Project Manager: Jeremy Pike

Reported:
12/14/21 15:12

SS2-1
2111195-02 (Soil)

Summit Scientific

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **11/09/21 12:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	0.0100	mg/L	1	BEK0355	11/16/21	11/23/21	EPA 6020B	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **11/09/21 12:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	73.3	0.0532	mg/L dry	1	BEK0394	11/17/21	11/24/21	EPA 6020B	
Magnesium	8.78	0.0532	"	"	"	"	"	"	
Sodium	298	0.0532	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **11/09/21 12:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	8.76	0.00100	units	1	BEK0529	11/24/21	11/24/21	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **11/09/21 12:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	93.9		%	1	BEK0375	11/17/21	11/17/21	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **11/09/21 12:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	2.05	0.0100	mmhos/cm	1	BEK0418	11/18/21	11/18/21	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Entrada Consulting Group
 240 Mesa Avenue
 Grand Junction, CO, 81501

Project: King Pyles #2

Project Number: 021-190
 Project Manager: Jeremy Pike

Reported:
 12/14/21 15:12

SS2-1
2111195-02 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **11/09/21 12:25**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
pH	8.16		pH Units	1	BEK0419	11/18/21	11/18/21	EPA 9045D	

Summit Scientific



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: King Pyles #2
Project Number: 021-190
Project Manager: Jeremy Pike

Reported:
12/14/21 15:12

SS3-1
2111195-03 (Soil)

Summit Scientific

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **11/09/21 12:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	0.0100	mg/L	1	BEK0355	11/16/21	11/23/21	EPA 6020B	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **11/09/21 12:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	579	0.0513	mg/L dry	1	BEK0394	11/17/21	11/24/21	EPA 6020B	
Magnesium	44.4	0.0513	"	"	"	"	"	"	
Sodium	2270	0.0513	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **11/09/21 12:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	24.5	0.00100	units	1	BEK0529	11/24/21	11/24/21	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **11/09/21 12:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	97.5		%	1	BEK0375	11/17/21	11/17/21	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **11/09/21 12:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	15.4	0.0100	mmhos/cm	1	BEK0418	11/18/21	11/18/21	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Entrada Consulting Group
 240 Mesa Avenue
 Grand Junction, CO, 81501

Project: King Pyles #2
 Project Number: 021-190
 Project Manager: Jeremy Pike

Reported:
 12/14/21 15:12

SS3-1
2111195-03 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **11/09/21 12:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
pH	7.82		pH Units	1	BEK0419	11/18/21	11/18/21	EPA 9045D	

Summit Scientific



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: King Pyles #2
Project Number: 021-190
Project Manager: Jeremy Pike

Reported:
12/14/21 15:12

SS4-1
2111195-04 (Soil)

Summit Scientific

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **11/09/21 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	0.0100	mg/L	1	BEK0355	11/16/21	11/23/21	EPA 6020B	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **11/09/21 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	67.1	0.0513	mg/L dry	1	BEK0394	11/17/21	11/24/21	EPA 6020B	
Magnesium	6.86	0.0513	"	"	"	"	"	"	
Sodium	76.1	0.0513	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **11/09/21 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	2.37	0.00100	units	1	BEK0529	11/24/21	11/24/21	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **11/09/21 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	97.5		%	1	BEK0375	11/17/21	11/17/21	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **11/09/21 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	1.03	0.0100	mmhos/cm	1	BEK0418	11/18/21	11/18/21	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Entrada Consulting Group
 240 Mesa Avenue
 Grand Junction, CO, 81501

Project: King Pyles #2

Project Number: 021-190
 Project Manager: Jeremy Pike

Reported:
 12/14/21 15:12

SS4-1
2111195-04 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **11/09/21 12:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
pH	8.03		pH Units	1	BEK0419	11/18/21	11/18/21	EPA 9045D	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: King Pyles #2
Project Number: 021-190
Project Manager: Jeremy Pike

Reported:
12/14/21 15:12

SS5-1
2111195-05 (Soil)

Summit Scientific

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **11/09/21 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	0.0100	mg/L	1	BEK0355	11/16/21	11/23/21	EPA 6020B	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **11/09/21 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	39.9	0.0519	mg/L dry	1	BEK0394	11/17/21	11/24/21	EPA 6020B	
Magnesium	4.72	0.0519	"	"	"	"	"	"	
Sodium	109	0.0519	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **11/09/21 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	4.35	0.00100	units	1	BEK0529	11/24/21	11/24/21	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **11/09/21 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	96.3		%	1	BEK0375	11/17/21	11/17/21	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **11/09/21 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.835	0.0100	mmhos/cm	1	BEK0418	11/18/21	11/18/21	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Entrada Consulting Group
 240 Mesa Avenue
 Grand Junction, CO, 81501

Project: King Pyles #2
 Project Number: 021-190
 Project Manager: Jeremy Pike

Reported:
 12/14/21 15:12

SS5-1
2111195-05 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **11/09/21 12:55**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
pH	8.32			pH Units	1	BEK0419	11/18/21	11/18/21	EPA 9045D	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: King Pyles #2

Project Number: 021-190
Project Manager: Jeremy Pike

Reported:
12/14/21 15:12

SS6-1
2111195-06 (Soil)

Summit Scientific

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **11/09/21 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	0.0100	mg/L	1	BEK0355	11/16/21	11/23/21	EPA 6020B	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **11/09/21 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	439	0.0511	mg/L dry	1	BEK0394	11/17/21	11/24/21	EPA 6020B	
Magnesium	32.0	0.0511	"	"	"	"	"	"	
Sodium	875	0.0511	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **11/09/21 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	10.9	0.00100	units	1	BEK0529	11/24/21	11/24/21	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **11/09/21 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	97.8		%	1	BEK0375	11/17/21	11/17/21	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **11/09/21 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	6.80	0.0100	mmhos/cm	1	BEK0418	11/18/21	11/18/21	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Entrada Consulting Group
 240 Mesa Avenue
 Grand Junction, CO, 81501

Project: King Pyles #2

Project Number: 021-190
 Project Manager: Jeremy Pike

Reported:
 12/14/21 15:12

SS6-1
2111195-06 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **11/09/21 13:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
pH	7.70		pH Units	1	BEK0419	11/18/21	11/18/21	EPA 9045D	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: King Pyles #2
Project Number: 021-190
Project Manager: Jeremy Pike

Reported:
12/14/21 15:12

BG1-1
2111195-07 (Soil)

Summit Scientific

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **11/09/21 12:35**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	17.1	0.0510	mg/L dry	1	BEL0071	12/03/21	12/12/21	EPA 6020B	
Magnesium	4.78	0.0510	"	"	"	"	"	"	
Sodium	3.37	0.0510	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **11/09/21 12:35**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Sodium Adsorption Ratio	0.186	0.00100	units	1	BEL0253	12/13/21	12/13/21	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **11/09/21 12:35**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
% Solids	98.1		%	1	BEL0104	12/02/21	12/06/21	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **11/09/21 12:35**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Specific Conductance (EC)	0.182	0.0100	mmhos/cm	1	BEL0101	12/06/21	12/06/21	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **11/09/21 12:35**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
pH	7.45		pH Units	1	BEL0102	12/06/21	12/06/21	EPA 9045D	I-04

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Entrada Consulting Group
 240 Mesa Avenue
 Grand Junction, CO, 81501

Project: King Pyles #2

Project Number: 021-190
 Project Manager: Jeremy Pike

Reported:
 12/14/21 15:12

Total Metals by EPA 6020B Hot Water Soluble Extraction - Quality Control

Summit Scientific

Analyte	Result	Reporting		Spike Level	Source		%REC		RPD		Notes
		Limit	Units		Result	%REC	Limits	RPD	Limit		

Batch BEK0355 - EPA 3050B

Blank (BEK0355-BLK1)

Prepared: 11/16/21 Analyzed: 11/23/21

Boron ND 0.0100 mg/L

LCS (BEK0355-BS1)

Prepared: 11/16/21 Analyzed: 11/23/21

Boron 5.26 0.0100 mg/L 5.00 105 80-120

Duplicate (BEK0355-DUP1)

Source: 2111192-01

Prepared: 11/16/21 Analyzed: 11/23/21

Boron ND 0.0100 mg/L ND 20

Matrix Spike (BEK0355-MS1)

Source: 2111192-01

Prepared: 11/16/21 Analyzed: 11/23/21

Boron 5.25 0.0100 mg/L 5.00 ND 105 75-125

Matrix Spike Dup (BEK0355-MSD1)

Source: 2111192-01

Prepared: 11/16/21 Analyzed: 11/23/21

Boron 5.58 0.0100 mg/L 5.00 ND 112 75-125 6.00 25

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Entrada Consulting Group
 240 Mesa Avenue
 Grand Junction, CO, 81501

Project: King Pyles #2

Project Number: 021-190
 Project Manager: Jeremy Pike

Reported:
 12/14/21 15:12

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction - Quality Control

Summit Scientific

Analyte	Result	Reporting		Spike Level	Source Result	%REC		RPD		Notes
		Limit	Units			%REC	Limits	RPD	Limit	

Batch BEK0394 - General Preparation

Blank (BEK0394-BLK1)

Prepared: 11/17/21 Analyzed: 11/24/21

Calcium	ND	0.0500	mg/L wet						
Magnesium	ND	0.0500	"						
Sodium	ND	0.0500	"						

LCS (BEK0394-BS1)

Prepared: 11/17/21 Analyzed: 11/24/21

Calcium	5.65	0.0500	mg/L wet	5.00	113	70-130
Magnesium	5.37	0.0500	"	5.00	107	70-130
Sodium	5.11	0.0500	"	5.00	102	70-130

Batch BEL0071 - General Preparation

Blank (BEL0071-BLK1)

Prepared: 12/03/21 Analyzed: 12/12/21

Calcium	ND	0.0500	mg/L wet			
Magnesium	ND	0.0500	"			
Sodium	ND	0.0500	"			

LCS (BEL0071-BS1)

Prepared: 12/03/21 Analyzed: 12/12/21

Calcium	6.27	0.0500	mg/L wet	5.00	125	70-130
Magnesium	5.85	0.0500	"	5.00	117	70-130
Sodium	5.35	0.0500	"	5.00	107	70-130

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Entrada Consulting Group
 240 Mesa Avenue
 Grand Junction, CO, 81501

Project: King Pyles #2

Project Number: 021-190
 Project Manager: Jeremy Pike

Reported:
 12/14/21 15:12

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control

Summit Scientific

Analyte	Result	Reporting		Spike Level	Source Result	%REC		RPD		Notes
		Limit	Units			%REC	Limits	RPD	Limit	

Batch BEK0375 - General Preparation

Duplicate (BEK0375-DUP1)		Source: 2110433-01			Prepared & Analyzed: 11/17/21					
% Solids	86.4		%		86.3			0.161		20

Batch BEL0104 - General Preparation

Duplicate (BEL0104-DUP1)		Source: 2111090-02			Prepared & Analyzed: 12/06/21					
% Solids	96.4		%		96.3			0.0884		20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Entrada Consulting Group
 240 Mesa Avenue
 Grand Junction, CO, 81501

Project: King Pyles #2

Project Number: 021-190
 Project Manager: Jeremy Pike

Reported:
 12/14/21 15:12

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction - Quality Control
Summit Scientific

Analyte	Result	Reporting		Spike Level	Source		%REC		RPD		Notes
		Limit	Units		Result	%REC	Limits	RPD	Limit		

Batch BEK0418 - General Preparation

Blank (BEK0418-BLK1)												
											Prepared & Analyzed: 11/18/21	
Specific Conductance (EC)	ND	0.0100	mmhos/cm									
LCS (BEK0418-BS1)												
											Prepared & Analyzed: 11/18/21	
Specific Conductance (EC)	0.151	0.0100	mmhos/cm	0.150	100	95-105						
Duplicate (BEK0418-DUP1)												
											Prepared & Analyzed: 11/18/21	
Specific Conductance (EC)	0.263	0.0100	mmhos/cm	0.264	0.531	20						

Batch BEL0101 - General Preparation

Blank (BEL0101-BLK1)												
											Prepared & Analyzed: 12/06/21	
Specific Conductance (EC)	ND	0.0100	mmhos/cm									
LCS (BEL0101-BS1)												
											Prepared & Analyzed: 12/06/21	
Specific Conductance (EC)	0.157	0.0100	mmhos/cm	0.150	105	95-105						
Duplicate (BEL0101-DUP1)												
											Prepared & Analyzed: 12/06/21	
Specific Conductance (EC)	0.178	0.0100	mmhos/cm	0.182	2.17	20						

Summit Scientific



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Entrada Consulting Group
 240 Mesa Avenue
 Grand Junction, CO, 81501

Project: King Pyles #2

Project Number: 021-190
 Project Manager: Jeremy Pike

Reported:
 12/14/21 15:12

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction - Quality Control

Summit Scientific

Analyte	Reporting			Spike	Source	%REC			RPD	Notes
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	

Batch BEK0419 - General Preparation

LCS (BEK0419-BS1)

Prepared & Analyzed: 11/18/21

pH	9.05		pH Units	9.18		98.6	95-105		
----	------	--	----------	------	--	------	--------	--	--

Duplicate (BEK0419-DUP1)

Source: 2111192-01

Prepared & Analyzed: 11/18/21

pH	7.93		pH Units			7.88		0.633	20
----	------	--	----------	--	--	------	--	-------	----

Batch BEL0102 - General Preparation

LCS (BEL0102-BS1)

Prepared & Analyzed: 12/06/21

pH	9.10		pH Units	9.18		99.1	95-105		
----	------	--	----------	------	--	------	--------	--	--

Duplicate (BEL0102-DUP1)

Source: 2111195-07

Prepared & Analyzed: 12/06/21

pH	7.48		pH Units			7.45		0.402	20
----	------	--	----------	--	--	------	--	-------	----

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: King Pyles #2

Project Number: 021-190
Project Manager: Jeremy Pike

Reported:
12/14/21 15:12

Notes and Definitions

I-04 Sample was analyzed out of recommended holding time per clients request.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference