

# Summit Scientific

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4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

June 07, 2024

Ryan Finley

Entrada Consulting Group

240 Mesa Avenue

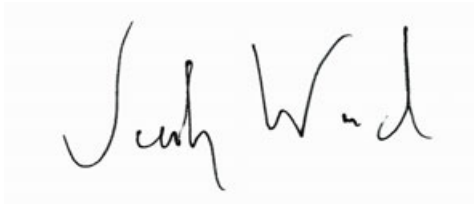
Grand Junction., CO 81501

RE: Razor 26 GL 2024 Release

Work Order #2404298

Enclosed are the results of analyses for samples received by Summit Scientific on 04/17/24 14:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Jacob Wood". The signature is written in a cursive, flowing style.

Jacob Wood For Paul Shrewsbury

President



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

Project: Razor 26 GL 2024 Release

Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS01@2.5	2404298-01	Soil	04/16/24 09:40	04/17/24 14:00
SS02@2.5	2404298-02	Soil	04/16/24 09:43	04/17/24 14:00
SS02@5	2404298-03	Soil	04/16/24 09:45	04/17/24 14:00
SS03@2.5	2404298-04	Soil	04/16/24 09:47	04/17/24 14:00
SS03@5	2404298-05	Soil	04/16/24 09:50	04/17/24 14:00
SS04@2	2404298-06	Soil	04/16/24 09:53	04/17/24 14:00
SS04A@2	2404298-07	Soil	04/16/24 09:55	04/17/24 14:00
SS05@2	2404298-08	Soil	04/16/24 09:58	04/17/24 14:00
SS06@2	2404298-09	Soil	04/16/24 10:00	04/17/24 14:00
SS07@2	2404298-10	Soil	04/16/24 10:03	04/17/24 14:00
SS08@2	2404298-11	Soil	04/16/24 10:07	04/17/24 14:00
SS09@2	2404298-12	Soil	04/16/24 10:10	04/17/24 14:00
SS10@2	2404298-13	Soil	04/16/24 10:13	04/17/24 14:00
SS11@2	2404298-14	Soil	04/16/24 10:15	04/17/24 14:00
SS12@6	2404298-15	Soil	04/16/24 10:20	04/17/24 14:00
BKG01@2	2404298-16	Soil	04/16/24 10:50	04/17/24 14:00
BKG01@5	2404298-17	Soil	04/16/24 11:00	04/17/24 14:00
BKG02@2	2404298-18	Soil	04/16/24 11:10	04/17/24 14:00
BKG02@5	2404298-19	Soil	04/16/24 11:20	04/17/24 14:00

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.*

Client: <u>Entrada Consulting / Tallgrass</u>		Send Data To:		Send Invoice To:	
Address: <u>ON File</u>		Project Manager: <u>Ryan Finley</u>		Company: <u>Entrada</u>	
City/State/Zip: <u>ON File</u>		E-Mail: <u>rfinley@entradainc.com</u>		Project Name/Location: <u>Razor Gathering Line</u>	
Phone: <u>303-907-0635</u>		Project Name: <u>Razor 26 GL 2024 Release</u>		AFE#:	
Sampler Name: <u>Ryan Finley</u>		Project Number: <u>024-131</u>		PO/Billing Codes: <u>024-131</u>	
				Contact: <u>shall@entradainc.com</u>	

					Preservative				Matrix				Analysis Requested						Special Instructions		
ID	Sample Description	Date Sampled	Time Sampled	# of containers	HCl	HNO3	None	Other	Water	Soil	Air-Canister #	Other	Full Table 915	EC, SAR	pH, Boron	915 metals					
1	SS01@2.5	4/16/24	0940	2			X			X			X								
2	SS02@2.5	↓	0943	2									X								
3	SS02@5		0945	1																	Hold
4	SS03@2.5		0947	2										X							
5	SS03@5		0950	1																	Hold
6	SS04@2		0953	1																	
7	SS04@2		0955	1																	Hold
8	SS05@2		0958	1											X	X	X				
9	SS06@2	1000	1																		
10	SS07@2	1003	1																		
11	SS08@2	1007	1																		
12	SS09@2	1010	1																		
13	SS10@2	1013	1																		
14	SS11@2	1015	1																		
15	SS12@6	↓	1020	2			↓			↓		X									

Relinquished by: <u>[Signature]</u>	Date/Time: <u>4/16/24 1400</u>	Received by: <u>[Signature]</u>	Date/Time: <u>4/17/24 14:00</u>	TAT Business Days	Field DO	Notes:
				Same Day	Field EC	
Relinquished by:	Date/Time:	Received by:	Date/Time:	1 Day	Field ORP	
				2 Days	Field pH	
Relinquished by:	Date/Time:	Received by:	Date/Time:	3 Days	Field Temp.	
				Standard	X Field Turb.	
Temperature Upon Receipt: <u>8.3</u>	Corrected Temperature	IR gun #: <u>2</u>	HNO3 lot #:			

# SUMMIT SCIENTIFIC

4653 Table Mountain Drive  
Golden, CO 80403  
303-277-9310

Lab ID	Page 2 of 2
24042818.2	

Client: <u>Entrada Consulting/Tallgrass</u>		Send Data To:		Send Invoice To:	
Address: <u>ON File</u>		Project Manager: <u>Ryan Finley</u>		Company: <u>Entrada</u>	
City/State/Zip:		E-Mail: <u>rfinley@entradainc.com</u>		Project Name/Location: <u>Razor Gathering Line</u>	
Phone: <u>303-907-0635</u>		Project Name: <u>Razor 26 GL 2024 Release</u>		AFE#:	
Sampler Name: <u>Ryan Finley</u>		Project Number: <u>024-131</u>		PO/Billing Codes: <u>024-131</u>	
				Contact: <u>shall@entradainc.com</u>	

					Preservative				Matrix			Analysis Requested						Special Instructions
ID	Sample Description	Date Sampled	Time Sampled	# of containers	HCl	HNO3	None	Other	Water	Soil	Air-Canister #	Other	pH, EC, SAR	Boron	915 metals			
1	BKG01@2	4/16/24	1050	1			X			X			X	X	X			
2	BKG01@5	↓	1100	↓			↓			↓			↓	↓	↓			
3	BKG02@2		1110															
4	BKG02@5	↓	1120	↓			↓			↓			↓	↓	↓			
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		

Relinquished by: <u>[Signature]</u>	Date/Time: <u>4/16/24 1400</u>	Received by: <u>[Signature]</u>	Date/Time: <u>4/17/24 14:00</u>	TAT Business Days	Field DO	Notes:
				Same Day	Field EC	
Relinquished by:	Date/Time:	Received by:	Date/Time:	1 Day	Field ORP	
				2 Days	Field pH	
Relinquished by:	Date/Time:	Received by:	Date/Time:	3 Days	Field Temp.	
				Standard	X Field Turb.	
Temperature Upon Receipt: <u>8.3</u>	Corrected Temperature	IR gun #: <u>2</u>	HNO3 lot #:			

S<sub>2</sub>

## Sample Receipt Checklist

S2 Work Order# 2404298Client: Entergy Client Project ID: Razor 26 GL 2024 ReleaseShipped Via: H.D./P.U./FedEx/UPS/USPS/Other ☐ Airbill #: \_\_\_\_\_
☒ ☐ ☐ ☐ ☐
Matrix (Check all that apply) Air ☐ Soil/Solid ☒ Water ☐ Other ☐Temp (°C) 8.3 Thermometer # 2

	Yes	No	N/A	Comments (if any)
If samples require cooling, is the temperature < 6°C? <sup>(1)</sup> <b>NOTE:</b> 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"/>	on file
If custody seals are present, are they intact? <sup>(1)</sup>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples due within 48 hours present?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are water samples with short hold times present? Note the short hold analysis in the comments column - pH, Nitrate/Nitrite, Ferrous Iron (Fe <sup>2+</sup> ), Hexavalent Chromium (Cr <sup>6+</sup> , Cr VI), COD/BOD, Total Coliform, E. Coli, Total Residual Chlorine (TRC), Dissolved Oxygen	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is a chain-of-custody (COC) form present and filled out Completely? <sup>(1)</sup>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client w/ date and time recorded? <sup>(1)</sup>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were all samples received intact? <sup>(1)</sup>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided? <sup>(1)</sup>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received? <sup>(1)</sup>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC? <sup>(1)</sup>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	no sample times
For volatiles in water – is there headspace present? <b>If yes, contact client and note in narrative.</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples preserved that require preservation (excluding cooling)? <sup>(1)</sup> Note the type of preservative in the comments column – HCl, H <sub>2</sub> SO <sub>4</sub> , NaOH, HNO <sub>3</sub> , etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If samples are acid preserved for metals, is the pH ≤ 2? <sup>(1)</sup> 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):

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

Custodian Printed Name

Date/Time

4/17/24 14:00





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

Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**SS01@2.5**  
**2404298-01 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **04/16/24 09:40**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	BHD0631	04/18/24	04/20/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **04/16/24 09:40**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4	0.0488	122 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0368	92.0 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0391	97.7 %	50-150		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/16/24 09:40**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	ND	50	mg/kg	1	BHD0635	04/18/24	04/20/24	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **04/16/24 09:40**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl	8.98	71.9 %	30-150		"	"	"	"	

**PAH by EPA Method 8270D SIM**

Summit Scientific

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240 Mesa Avenue  
Grand Junction, CO, 81501

Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**SS01@2.5**  
**2404298-01 (Soil)**

**Summit Scientific**

**PAH by EPA Method 8270D SIM**

Date Sampled: **04/16/24 09:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Acenaphthene	ND	0.00500	mg/kg	1	BHD0651	04/19/24	04/19/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	ND	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	ND	0.00500	"	"	"	"	"	"	
Fluorene	ND	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **04/16/24 09:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 2-Methylnaphthalene-d10	0.0161	48.4 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0160	48.1 %	40-150		"	"	"	"	

**Total Metals by EPA 6020B Hot Water Soluble Extraction**

Date Sampled: **04/16/24 09:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Boron	ND	2.00	mg/L	1	BHD0796	04/23/24	05/04/24	EPA 6020B	

**Total Metals by EPA 6020B**

Date Sampled: **04/16/24 09:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							

Summit Scientific

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

Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**SS01@2.5**  
**2404298-01 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

Arsenic	3.08	0.200	mg/kg dry	1	BHD1039	04/29/24	05/03/24	EPA 6020B
Barium	370	0.400	"	"	"	"	"	"
Cadmium	0.410	0.200	"	"	"	"	"	"
Copper	8.32	0.400	"	"	"	"	"	"
Lead	12.4	0.200	"	"	"	"	"	"
Nickel	3.62	0.400	"	"	"	"	"	"
Silver	0.0332	0.0200	"	"	"	"	"	"
Zinc	29.0	0.400	"	"	"	"	"	"
Selenium	ND	0.260	"	"	"	"	"	"

**Hexavalent Chromium by EPA Method 7196**

Date Sampled: **04/16/24 09:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHD0874	04/24/24	04/24/24	EPA 7196A	

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

Date Sampled: **04/16/24 09:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	131	0.0500	mg/L dry	1	BHE0068	05/02/24	05/08/24	EPA 6020B	
Magnesium	19.6	0.0500	"	"	"	"	"	"	
Sodium	285	0.0500	"	"	"	"	"	"	

**Calculated Analysis**

Date Sampled: **04/16/24 09:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	6.14	0.00100	units	1	BHE0264	05/08/24	05/08/24	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **04/16/24 09:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Summit Scientific

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

Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**SS01@2.5**  
**2404298-01 (Soil)**

**Summit Scientific**

**Physical Parameters by APHA/ASTM/EPA Methods**

% Solids	77.1	%	1	BHD0770	04/22/24	04/22/24	Calculation
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**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **04/16/24 09:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	7.31	0.0100	mmhos/cm	1	BHE0070	05/02/24	05/06/24	EPA 120.1	

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

Date Sampled: **04/16/24 09:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	7.85		pH Units	1	BHE0069	05/02/24	05/06/24	EPA 9045D	

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

Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**SS02@2.5**  
**2404298-02 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **04/16/24 09:43**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BHD0631	04/18/24	04/20/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	

Date Sampled: **04/16/24 09:43**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0521	130 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0367	91.8 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0393	98.3 %	50-150		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/16/24 09:43**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BHD0635	04/18/24	04/20/24	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **04/16/24 09:43**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl	11.1	89.2 %	30-150		"	"	"	"	

**PAH by EPA Method 8270D SIM**

Summit Scientific

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

Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**SS02@2.5**  
**2404298-02 (Soil)**

**Summit Scientific**

**PAH by EPA Method 8270D SIM**

Date Sampled: **04/16/24 09:43**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHD0651	04/19/24	04/19/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	ND	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	ND	0.00500	"	"	"	"	"	"	
Fluorene	ND	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **04/16/24 09:43**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0165	49.5 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0167	50.0 %	40-150		"	"	"	"	

**Total Metals by EPA 6020B Hot Water Soluble Extraction**

Date Sampled: **04/16/24 09:43**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHD0796	04/23/24	05/04/24	EPA 6020B	

**Total Metals by EPA 6020B**

Date Sampled: **04/16/24 09:43**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Entrada Consulting Group  
240 Mesa Avenue  
Grand Junction, CO, 81501

Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**SS02@2.5**  
**2404298-02 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

Arsenic	3.66	0.200	mg/kg dry	1	BHD1039	04/29/24	05/03/24	EPA 6020B
Barium	296	0.400	"	"	"	"	"	"
Cadmium	0.432	0.200	"	"	"	"	"	"
Copper	9.36	0.400	"	"	"	"	"	"
Lead	15.5	0.200	"	"	"	"	"	"
Nickel	3.86	0.400	"	"	"	"	"	"
Silver	0.0370	0.0200	"	"	"	"	"	"
Zinc	32.7	0.400	"	"	"	"	"	"
Selenium	ND	0.260	"	"	"	"	"	"

**Hexavalent Chromium by EPA Method 7196**

Date Sampled: **04/16/24 09:43**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHD0874	04/24/24	04/24/24	EPA 7196A	

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

Date Sampled: **04/16/24 09:43**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	353	0.0500	mg/L dry	1	BHE0068	05/02/24	05/08/24	EPA 6020B	
Magnesium	51.4	0.0500	"	"	"	"	"	"	
Sodium	914	0.0500	"	"	"	"	"	"	

**Calculated Analysis**

Date Sampled: **04/16/24 09:43**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	12.0	0.00100	units	1	BHE0264	05/08/24	05/08/24	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **04/16/24 09:43**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Entrada Consulting Group  
240 Mesa Avenue  
Grand Junction. CO, 81501

Project: Razor 26 GL 2024 Release

Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**SS02@2.5**  
**2404298-02 (Soil)**

**Summit Scientific**

**Physical Parameters by APHA/ASTM/EPA Methods**

% Solids	87.3	%	1	BHD0770	04/22/24	04/22/24	Calculation
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**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **04/16/24 09:43**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Specific Conductance (EC)	2.16	0.0100		mmhos/cm	1	BHE0070	05/02/24	05/06/24	EPA 120.1	

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

Date Sampled: **04/16/24 09:43**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
pH	8.26			pH Units	1	BHE0069	05/02/24	05/06/24	EPA 9045D	

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Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**SS02@5**  
**2404298-03 (Soil)**

**Summit Scientific**

**PAH by EPA Method 8270D SIM**

**I-04, O-05**

Date Sampled: **04/16/24 09:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Fluorene	ND	0.00500	mg/kg	1	BHE0327	05/10/24	05/10/24	EPA 8270D SIM	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **04/16/24 09:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0228	68.4 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0228	68.5 %	40-150		"	"	"	"	

**Total Metals by EPA 6020B**

Date Sampled: **04/16/24 09:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	4.66	0.200	mg/kg dry	1	BHE0332	05/10/24	06/05/24	EPA 6020B	
Barium	292	0.400	"	"	"	"	"	"	
Cadmium	0.357	0.200	"	"	"	"	"	"	
Lead	13.1	0.200	"	"	"	"	"	"	

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

Date Sampled: **04/16/24 09:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	299	0.0500	mg/L dry	1	BHE0311	05/09/24	05/26/24	EPA 6020B	
Magnesium	53.0	0.0500	"	"	"	"	"	"	
Sodium	725	0.0500	"	"	"	"	"	"	

**Calculated Analysis**

Date Sampled: **04/16/24 09:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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240 Mesa Avenue  
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Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**SS02@5**  
**2404298-03 (Soil)**

**Summit Scientific**

**Calculated Analysis**

Sodium Adsorption Ratio	10.2	0.00100	units	1	BHE0827	05/28/24	05/28/24	Calculation
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**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **04/16/24 09:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	88.4		%	1	BHE0335	05/10/24	05/10/24	Calculation	

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **04/16/24 09:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	4.72	0.0100	mmhos/cm	1	BHE0313	05/09/24	05/10/24	EPA 120.1	

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

Date Sampled: **04/16/24 09:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.05		pH Units	1	BHE0312	05/09/24	05/10/24	EPA 9045D	

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Grand Junction, CO, 81501

Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**SS03@2.5**  
**2404298-04 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **04/16/24 09:47**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<b>Benzene</b>	<b>0.0080</b>	0.0020	mg/kg	1	BHD0631	04/18/24	04/20/24	EPA 8260B	
<b>Toluene</b>	<b>0.0053</b>	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **04/16/24 09:47**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0522	131 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0374	93.4 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0389	97.4 %	50-150		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/16/24 09:47**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BHD0635	04/18/24	04/20/24	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **04/16/24 09:47**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl	9.15	73.2 %	30-150		"	"	"	"	

**PAH by EPA Method 8270D SIM**

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240 Mesa Avenue  
Grand Junction, CO, 81501

Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**SS03@2.5**  
**2404298-04 (Soil)**

**Summit Scientific**

**PAH by EPA Method 8270D SIM**

Date Sampled: **04/16/24 09:47**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHD0651	04/19/24	04/19/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	ND	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	ND	0.00500	"	"	"	"	"	"	
Fluorene	ND	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **04/16/24 09:47**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0163	48.8 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0156	46.9 %	40-150		"	"	"	"	

**Total Metals by EPA 6020B Hot Water Soluble Extraction**

Date Sampled: **04/16/24 09:47**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHD0796	04/23/24	05/04/24	EPA 6020B	

**Total Metals by EPA 6020B**

Date Sampled: **04/16/24 09:47**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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240 Mesa Avenue  
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Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**SS03@2.5**  
**2404298-04 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

Arsenic	3.80	0.200	mg/kg dry	1	BHD1039	04/29/24	05/03/24	EPA 6020B
Barium	300	0.400	"	"	"	"	"	"
Cadmium	0.517	0.200	"	"	"	"	"	"
Copper	9.74	0.400	"	"	"	"	"	"
Lead	16.6	0.200	"	"	"	"	"	"
Nickel	4.06	0.400	"	"	"	"	"	"
Silver	0.0408	0.0200	"	"	"	"	"	"
Zinc	33.3	0.400	"	"	"	"	"	"
Selenium	ND	0.260	"	"	"	"	"	"

**Hexavalent Chromium by EPA Method 7196**

Date Sampled: **04/16/24 09:47**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHD0874	04/24/24	04/24/24	EPA 7196A	

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

Date Sampled: **04/16/24 09:47**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	276	0.0500	mg/L dry	1	BHE0068	05/02/24	05/08/24	EPA 6020B	
Magnesium	31.6	0.0500	"	"	"	"	"	"	
Sodium	2840	0.0500	"	"	"	"	"	"	

**Calculated Analysis**

Date Sampled: **04/16/24 09:47**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	43.2	0.00100	units	1	BHE0264	05/08/24	05/08/24	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **04/16/24 09:47**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**SS03@2.5**  
**2404298-04 (Soil)**

**Summit Scientific**

**Physical Parameters by APHA/ASTM/EPA Methods**

% Solids	74.9	%	1	BHD0770	04/22/24	04/22/24	Calculation
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**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **04/16/24 09:47**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	8.62	0.0100	mmhos/cm	1	BHE0070	05/02/24	05/06/24	EPA 120.1	

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

Date Sampled: **04/16/24 09:47**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	7.80		pH Units	1	BHE0069	05/02/24	05/06/24	EPA 9045D	

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240 Mesa Avenue  
Grand Junction, CO, 81501

Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**SS03@5**  
**2404298-05 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

**I-04**

Date Sampled: **04/16/24 09:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BHE0020	05/01/24	05/02/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	

Date Sampled: **04/16/24 09:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0297	74.2 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0400	99.9 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0402	100 %	50-150		"	"	"	"	

**PAH by EPA Method 8270D SIM**

Date Sampled: **04/16/24 09:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Fluorene	ND	0.00500	mg/kg	1	BHD1069	04/30/24	04/30/24	EPA 8270D SIM	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **04/16/24 09:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 2-Methylnaphthalene-d10	0.0199	59.8 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0217	65.1 %	40-150		"	"	"	"	

**Total Metals by EPA 6020B**

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Project Number: 024-131  
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**Reported:**  
06/07/24 14:53

**SS03@5**  
**2404298-05 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

Date Sampled: **04/16/24 09:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Arsenic	4.40	0.200	mg/kg dry	1	BHE0332	05/10/24	06/05/24	EPA 6020B	
Barium	297	0.400	"	"	"	"	"	"	
Cadmium	0.368	0.200	"	"	"	"	"	"	
Lead	14.7	0.200	"	"	"	"	"	"	

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

Date Sampled: **04/16/24 09:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	106	0.0500	mg/L dry	1	BHE0311	05/09/24	05/26/24	EPA 6020B	
Magnesium	12.8	0.0500	"	"	"	"	"	"	
Sodium	224	0.0500	"	"	"	"	"	"	

**Calculated Analysis**

Date Sampled: **04/16/24 09:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Sodium Adsorption Ratio	5.47	0.00100	units	1	BHE0827	05/28/24	05/28/24	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **04/16/24 09:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
% Solids	77.3		%	1	BHE0335	05/10/24	05/10/24	Calculation	

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **04/16/24 09:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Specific Conductance (EC)	1.51	0.0100	mmhos/cm	1	BHE0313	05/09/24	05/10/24	EPA 120.1	

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240 Mesa Avenue  
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Project: Razor 26 GL 2024 Release

Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**SS03@5**  
**2404298-05 (Soil)**

**Summit Scientific**

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

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

Date Sampled: **04/16/24 09:50**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>pH</b>	<b>8.30</b>			pH Units	1	BHE0312	05/09/24	05/10/24	EPA 9045D	

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Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**SS04@2**  
**2404298-06 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **04/16/24 09:53**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BHD0631	04/18/24	04/20/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **04/16/24 09:53**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0458	115 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0354	88.5 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0394	98.6 %	50-150		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/16/24 09:53**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BHD0635	04/18/24	04/20/24	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **04/16/24 09:53**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl	10.3	82.1 %	30-150		"	"	"	"	

**PAH by EPA Method 8270D SIM**

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

Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**SS04@2**  
**2404298-06 (Soil)**

**Summit Scientific**

**PAH by EPA Method 8270D SIM**

Date Sampled: **04/16/24 09:53**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Acenaphthene	ND	0.00500	mg/kg	1	BHD0651	04/19/24	04/19/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	ND	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	ND	0.00500	"	"	"	"	"	"	
Fluorene	ND	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **04/16/24 09:53**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 2-Methylnaphthalene-d10	0.0152	45.7 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0164	49.2 %	40-150		"	"	"	"	

**Total Metals by EPA 6020B Hot Water Soluble Extraction**

Date Sampled: **04/16/24 09:53**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Boron	ND	2.00	mg/L	1	BHD0796	04/23/24	05/04/24	EPA 6020B	

**Total Metals by EPA 6020B**

Date Sampled: **04/16/24 09:53**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							

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

Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**SS04@2**  
**2404298-06 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

Arsenic	4.04	0.200	mg/kg dry	1	BHD1039	04/29/24	05/03/24	EPA 6020B
Barium	331	0.400	"	"	"	"	"	"
Cadmium	0.486	0.200	"	"	"	"	"	"
Copper	9.05	0.400	"	"	"	"	"	"
Lead	16.3	0.200	"	"	"	"	"	"
Nickel	3.70	0.400	"	"	"	"	"	"
Silver	0.0387	0.0200	"	"	"	"	"	"
Zinc	30.2	0.400	"	"	"	"	"	"
Selenium	ND	0.260	"	"	"	"	"	"

**Hexavalent Chromium by EPA Method 7196**

Date Sampled: **04/16/24 09:53**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHD0874	04/24/24	04/24/24	EPA 7196A	

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

Date Sampled: **04/16/24 09:53**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	655	0.0500	mg/L dry	1	BHE0068	05/02/24	05/08/24	EPA 6020B	
Magnesium	19.6	0.0500	"	"	"	"	"	"	
Sodium	89.6	0.0500	"	"	"	"	"	"	

**Calculated Analysis**

Date Sampled: **04/16/24 09:53**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.941	0.00100	units	1	BHE0264	05/08/24	05/08/24	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **04/16/24 09:53**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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240 Mesa Avenue  
Grand Junction, CO, 81501

Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**SS04@2**  
**2404298-06 (Soil)**

**Summit Scientific**

**Physical Parameters by APHA/ASTM/EPA Methods**

% Solids	76.6	%	1	BHD0770	04/22/24	04/22/24	Calculation
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**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **04/16/24 09:53**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	15.3	0.0100	mmhos/cm	1	BHE0070	05/02/24	05/06/24	EPA 120.1	

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

Date Sampled: **04/16/24 09:53**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.12		pH Units	1	BHE0069	05/02/24	05/06/24	EPA 9045D	

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Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**SS04A@2**  
**2404298-07 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

**I-04, O-04**

Date Sampled: **04/16/24 09:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BHE0339	05/10/24	05/10/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	

Date Sampled: **04/16/24 09:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0354	88.5 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0407	102 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0400	99.9 %	50-150		"	"	"	"	

**PAH by EPA Method 8270D SIM**

**I-04, O-05**

Date Sampled: **04/16/24 09:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Fluorene	ND	0.00500	mg/kg	1	BHE0327	05/10/24	05/10/24	EPA 8270D SIM	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **04/16/24 09:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 2-Methylnaphthalene-d10	0.0198	59.3 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0206	61.8 %	40-150		"	"	"	"	

**Total Metals by EPA 6020B**

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

Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**SS04A@2**  
**2404298-07 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

Date Sampled: **04/16/24 09:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Arsenic	4.40	0.200	mg/kg dry	1	BHE0332	05/10/24	06/05/24	EPA 6020B	
Barium	292	0.400	"	"	"	"	"	"	
Cadmium	0.358	0.200	"	"	"	"	"	"	
Lead	13.5	0.200	"	"	"	"	"	"	

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

Date Sampled: **04/16/24 09:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	351	0.0500	mg/L dry	1	BHE0311	05/09/24	05/26/24	EPA 6020B	
Magnesium	16.4	0.0500	"	"	"	"	"	"	
Sodium	62.3	0.0500	"	"	"	"	"	"	

**Calculated Analysis**

Date Sampled: **04/16/24 09:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Sodium Adsorption Ratio	0.882	0.00100	units	1	BHE0827	05/28/24	05/28/24	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **04/16/24 09:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
% Solids	74.4		%	1	BHE0335	05/10/24	05/10/24	Calculation	

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **04/16/24 09:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Specific Conductance (EC)	0.336	0.0100	mmhos/cm	1	BHE0313	05/09/24	05/10/24	EPA 120.1	

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240 Mesa Avenue  
Grand Junction. CO, 81501

Project: Razor 26 GL 2024 Release

Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**SS04A@2**  
**2404298-07 (Soil)**

**Summit Scientific**

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

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

Date Sampled: **04/16/24 09:55**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>pH</b>	<b>8.95</b>			pH Units	1	BHE0312	05/09/24	05/10/24	EPA 9045D	

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240 Mesa Avenue  
Grand Junction. CO, 81501

Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**SS05@2**  
**2404298-08 (Soil)**

**Summit Scientific**

**PAH by EPA Method 8270D SIM**

**I-04, O-05**

Date Sampled: **04/16/24 09:58**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Fluorene	ND	0.00500	mg/kg	1	BHE0327	05/10/24	05/10/24	EPA 8270D SIM	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **04/16/24 09:58**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0272	81.5 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0193	57.8 %	40-150		"	"	"	"	

**Total Metals by EPA 6020B Hot Water Soluble Extraction**

Date Sampled: **04/16/24 09:58**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHD0796	04/23/24	05/04/24	EPA 6020B	

**Total Metals by EPA 6020B**

Date Sampled: **04/16/24 09:58**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	3.40	0.200	mg/kg dry	1	BHD1039	04/29/24	05/03/24	EPA 6020B	
Barium	377	0.400	"	"	"	"	"	"	
Cadmium	0.452	0.200	"	"	"	"	"	"	
Copper	8.84	0.400	"	"	"	"	"	"	
Lead	15.1	0.200	"	"	"	"	"	"	
Nickel	3.79	0.400	"	"	"	"	"	"	
Silver	0.0385	0.0200	"	"	"	"	"	"	
Zinc	31.0	0.400	"	"	"	"	"	"	
Selenium	ND	0.260	"	"	"	"	"	"	

**Hexavalent Chromium by EPA Method 7196**

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240 Mesa Avenue  
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Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**SS05@2**  
**2404298-08 (Soil)**

**Summit Scientific**

**Hexavalent Chromium by EPA Method 7196**

Date Sampled: **04/16/24 09:58**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHD0874	04/24/24	04/24/24	EPA 7196A	

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

Date Sampled: **04/16/24 09:58**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	85.0	0.0500	mg/L dry	1	BHE0068	05/02/24	05/08/24	EPA 6020B	
Magnesium	7.22	0.0500	"	"	"	"	"	"	
Sodium	151	0.0500	"	"	"	"	"	"	

**Calculated Analysis**

Date Sampled: **04/16/24 09:58**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Sodium Adsorption Ratio	4.22	0.00100	units	1	BHE0264	05/08/24	05/08/24	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **04/16/24 09:58**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
% Solids	85.5		%	1	BHD0770	04/22/24	04/22/24	Calculation	

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **04/16/24 09:58**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Specific Conductance (EC)	0.386	0.0100	mmhos/cm	1	BHE0070	05/02/24	05/06/24	EPA 120.1	

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240 Mesa Avenue  
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Project: Razor 26 GL 2024 Release

Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**SS05@2**  
**2404298-08 (Soil)**

**Summit Scientific**

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

Date Sampled: **04/16/24 09:58**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>pH</b>	<b>9.20</b>			pH Units	1	BHE0318	05/02/24	05/09/24	EPA 9045D	

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240 Mesa Avenue  
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Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**SS06@2**  
**2404298-09 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

**I-04, O-04**

Date Sampled: **04/16/24 10:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BHE0339	05/10/24	05/11/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	

Date Sampled: **04/16/24 10:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0322	80.5 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0396	98.9 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0404	101 %	50-150		"	"	"	"	

**Total Metals by EPA 6020B Hot Water Soluble Extraction**

Date Sampled: **04/16/24 10:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Boron	ND	2.00	mg/L	1	BHD0796	04/23/24	05/04/24	EPA 6020B	

**Total Metals by EPA 6020B**

Date Sampled: **04/16/24 10:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Arsenic	3.32	0.200	mg/kg dry	1	BHD1039	04/29/24	05/03/24	EPA 6020B	
Barium	291	0.400	"	"	"	"	"	"	
Cadmium	0.412	0.200	"	"	"	"	"	"	
Copper	9.54	0.400	"	"	"	"	"	"	
Lead	14.5	0.200	"	"	"	"	"	"	
Nickel	4.07	0.400	"	"	"	"	"	"	

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Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
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**Reported:**  
06/07/24 14:53

**SS06@2**  
**2404298-09 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

Silver	0.0384	0.0200	mg/kg dry	1	BHD1039	04/29/24	05/03/24	EPA 6020B
Zinc	36.6	0.400	"	"	"	"	"	"
Selenium	ND	0.260	"	"	"	"	"	"

**Hexavalent Chromium by EPA Method 7196**

Date Sampled: **04/16/24 10:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHD0874	04/24/24	04/24/24	EPA 7196A	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **04/16/24 10:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	78.3		%	1	BHD0770	04/22/24	04/22/24	Calculation	

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **04/16/24 10:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	1.21	0.0100	mmhos/cm	1	BHE0070	05/02/24	05/06/24	EPA 120.1	

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

Date Sampled: **04/16/24 10:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.55		pH Units	1	BHE0069	05/02/24	05/06/24	EPA 9045D	

Summit Scientific

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Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**SS06@2**  
**2404298-09 (Soil)**

**Summit Scientific**

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

Date Sampled: **04/16/24 10:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	200	0.0500	mg/L dry	1	BHE0311	05/02/24	05/26/24	EPA 6020B	
Magnesium	40.0	0.0500	"	"	"	"	"	"	
Sodium	3.19	0.0500	"	"	"	"	"	"	

**Calculated Analysis**

Date Sampled: **04/16/24 10:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Sodium Adsorption Ratio	0.0539	0.00100	units	1	BHE0827	05/08/24	05/28/24	Calculation	

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

Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**SS07@2**  
**2404298-10 (Soil)**

**Summit Scientific**

**PAH by EPA Method 8270D SIM**

**I-04, O-05**

Date Sampled: **04/16/24 10:03**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Fluorene	ND	0.00500	mg/kg	1	BHE0327	05/10/24	05/10/24	EPA 8270D SIM	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **04/16/24 10:03**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0257	77.0 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0244	73.1 %	40-150		"	"	"	"	

**Total Metals by EPA 6020B Hot Water Soluble Extraction**

Date Sampled: **04/16/24 10:03**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHD0796	04/23/24	05/04/24	EPA 6020B	

**Total Metals by EPA 6020B**

Date Sampled: **04/16/24 10:03**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	3.53	0.180	mg/kg dry	1	BHD1039	04/29/24	05/03/24	EPA 6020B	
Barium	286	0.360	"	"	"	"	"	"	
Cadmium	0.466	0.180	"	"	"	"	"	"	
Copper	9.44	0.360	"	"	"	"	"	"	
Lead	15.3	0.180	"	"	"	"	"	"	
Nickel	3.70	0.360	"	"	"	"	"	"	
Silver	0.0413	0.0180	"	"	"	"	"	"	
Zinc	33.4	0.360	"	"	"	"	"	"	
Selenium	ND	0.234	"	"	"	"	"	"	

**Hexavalent Chromium by EPA Method 7196**

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Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**SS07@2**  
**2404298-10 (Soil)**

**Summit Scientific**

**Hexavalent Chromium by EPA Method 7196**

Date Sampled: **04/16/24 10:03**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHD0874	04/24/24	04/24/24	EPA 7196A	

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

Date Sampled: **04/16/24 10:03**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	156	0.0500	mg/L dry	1	BHE0068	05/02/24	05/08/24	EPA 6020B	
Magnesium	4.86	0.0500	"	"	"	"	"	"	
Sodium	119	0.0500	"	"	"	"	"	"	

**Calculated Analysis**

Date Sampled: **04/16/24 10:03**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Sodium Adsorption Ratio	2.56	0.00100	units	1	BHE0264	05/08/24	05/08/24	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **04/16/24 10:03**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
% Solids	87.1		%	1	BHD0770	04/22/24	04/22/24	Calculation	

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **04/16/24 10:03**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Specific Conductance (EC)	2.91	0.0100	mmhos/cm	1	BHE0070	05/02/24	05/06/24	EPA 120.1	

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

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06/07/24 14:53

**SS07@2**  
**2404298-10 (Soil)**

**Summit Scientific**

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

Date Sampled: **04/16/24 10:03**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>pH</b>	<b>8.02</b>			pH Units	1	BHE0069	05/02/24	05/06/24	EPA 9045D	

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Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**SS08@2**  
**2404298-11 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

**I-04, O-04**

Date Sampled: **04/16/24 10:07**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BHE0339	05/10/24	05/11/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	

Date Sampled: **04/16/24 10:07**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	0.0316	78.9 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0369	92.2 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0386	96.5 %	50-150		"	"	"	"	

**PAH by EPA Method 8270D SIM**

**I-04, O-05**

Date Sampled: **04/16/24 10:07**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Fluorene	ND	0.00500	mg/kg	1	BHE0327	05/10/24	05/10/24	EPA 8270D SIM	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **04/16/24 10:07**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0253	75.9 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0253	75.8 %	40-150		"	"	"	"	

**Total Metals by EPA 6020B Hot Water Soluble Extraction**

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**Reported:**  
06/07/24 14:53

**SS08@2**  
**2404298-11 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B Hot Water Soluble Extraction**

Date Sampled: **04/16/24 10:07**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Boron	ND	2.00		mg/L	1	BHD0796	04/23/24	05/04/24	EPA 6020B	

**Total Metals by EPA 6020B**

Date Sampled: **04/16/24 10:07**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Arsenic	3.42	0.200		mg/kg dry	1	BHD1039	04/29/24	05/03/24	EPA 6020B	
Barium	292	0.400		"	"	"	"	"	"	
Cadmium	0.458	0.200		"	"	"	"	"	"	
Copper	8.53	0.400		"	"	"	"	"	"	
Lead	13.9	0.200		"	"	"	"	"	"	
Nickel	3.55	0.400		"	"	"	"	"	"	
Silver	0.0406	0.0200		"	"	"	"	"	"	
Zinc	31.6	0.400		"	"	"	"	"	"	
Selenium	ND	0.260		"	"	"	"	"	"	

**Hexavalent Chromium by EPA Method 7196**

Date Sampled: **04/16/24 10:07**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Chromium, Hexavalent	ND	0.30		mg/kg dry	1	BHD0874	04/24/24	04/24/24	EPA 7196A	

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

Date Sampled: **04/16/24 10:07**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Calcium	1630	0.0500		mg/L dry	1	BHE0068	05/02/24	05/08/24	EPA 6020B	
Magnesium	35.3	0.0500		"	"	"	"	"	"	
Sodium	180	0.0500		"	"	"	"	"	"	

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Project Number: 024-131  
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**Reported:**  
06/07/24 14:53

**SS08@2**  
**2404298-11 (Soil)**

**Summit Scientific**

**Calculated Analysis**

Date Sampled: **04/16/24 10:07**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	1.21	0.00100	units	1	BHE0264	05/08/24	05/08/24	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **04/16/24 10:07**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	85.5		%	1	BHD0770	04/22/24	04/22/24	Calculation	

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **04/16/24 10:07**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.835	0.0100	mmhos/cm	1	BHE0070	05/02/24	05/06/24	EPA 120.1	

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

Date Sampled: **04/16/24 10:07**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.65		pH Units	1	BHE0069	05/02/24	05/06/24	EPA 9045D	

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Project: Razor 26 GL 2024 Release  
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**Reported:**  
06/07/24 14:53

**SS09@2**  
**2404298-12 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

**I-04, O-04**

Date Sampled: **04/16/24 10:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BHE0339	05/10/24	05/11/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	

Date Sampled: **04/16/24 10:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0344	85.9 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0398	99.4 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0395	98.8 %	50-150		"	"	"	"	

**Total Metals by EPA 6020B Hot Water Soluble Extraction**

Date Sampled: **04/16/24 10:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Boron	ND	2.00	mg/L	1	BHD0796	04/23/24	05/04/24	EPA 6020B	

**Total Metals by EPA 6020B**

Date Sampled: **04/16/24 10:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Arsenic	3.79	0.200	mg/kg dry	1	BHD1039	04/29/24	05/03/24	EPA 6020B	
Barium	302	0.400	"	"	"	"	"	"	
Cadmium	0.488	0.200	"	"	"	"	"	"	
Copper	11.0	0.400	"	"	"	"	"	"	
Lead	13.2	0.200	"	"	"	"	"	"	
Nickel	4.16	0.400	"	"	"	"	"	"	

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Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**SS09@2**  
**2404298-12 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

Silver	0.0408	0.0200	mg/kg dry	1	BHD1039	04/29/24	05/03/24	EPA 6020B
Zinc	35.6	0.400	"	"	"	"	"	"
Selenium	ND	0.260	"	"	"	"	"	"

**Hexavalent Chromium by EPA Method 7196**

Date Sampled: **04/16/24 10:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHD0874	04/24/24	04/24/24	EPA 7196A	

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

Date Sampled: **04/16/24 10:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	782	0.0500	mg/L dry	1	BHE0068	05/02/24	05/08/24	EPA 6020B	
Magnesium	21.5	0.0500	"	"	"	"	"	"	
Sodium	135	0.0500	"	"	"	"	"	"	

**Calculated Analysis**

Date Sampled: **04/16/24 10:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	1.30	0.00100	units	1	BHE0264	05/08/24	05/08/24	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **04/16/24 10:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	86.5		%	1	BHD0770	04/22/24	04/22/24	Calculation	

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

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Project: Razor 26 GL 2024 Release

Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**SS09@2**  
**2404298-12 (Soil)**

**Summit Scientific**

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **04/16/24 10:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Specific Conductance (EC)	<b>0.939</b>	0.0100		mmhos/cm	1	BHE0070	05/02/24	05/06/24	EPA 120.1	

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**SS09@2**  
**2404298-12 (Soil)**

**Summit Scientific**

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

Date Sampled: **04/16/24 10:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>pH</b>	<b>9.00</b>			pH Units	1	BHE0318	05/02/24	05/09/24	EPA 9045D	

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**Reported:**  
06/07/24 14:53

**SS10@2**  
**2404298-13 (Soil)**

**Summit Scientific**

**PAH by EPA Method 8270D SIM**

**I-04, O-05**

Date Sampled: **04/16/24 10:13**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Fluorene	ND	0.00562	mg/kg	1	BHE0327	05/10/24	05/10/24	EPA 8270D SIM	R-02
1-Methylnaphthalene	ND	0.00562	"	"	"	"	"	"	R-02

Date Sampled: **04/16/24 10:13**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0253	67.4 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0231	61.7 %	40-150		"	"	"	"	

**Total Metals by EPA 6020B Hot Water Soluble Extraction**

Date Sampled: **04/16/24 10:13**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHD0796	04/23/24	05/04/24	EPA 6020B	

**Total Metals by EPA 6020B**

Date Sampled: **04/16/24 10:13**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	<b>3.80</b>	0.200	mg/kg dry	1	BHD1039	04/29/24	05/03/24	EPA 6020B	
Barium	<b>449</b>	0.400	"	"	"	"	"	"	
Cadmium	<b>0.479</b>	0.200	"	"	"	"	"	"	
Copper	<b>11.4</b>	0.400	"	"	"	"	"	"	
Lead	<b>11.0</b>	0.200	"	"	"	"	"	"	
Nickel	<b>3.90</b>	0.400	"	"	"	"	"	"	
Silver	<b>0.0316</b>	0.0200	"	"	"	"	"	"	
Zinc	<b>36.2</b>	0.400	"	"	"	"	"	"	
Selenium	ND	0.260	"	"	"	"	"	"	

**Hexavalent Chromium by EPA Method 7196**

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**Reported:**  
06/07/24 14:53

**SS10@2**  
**2404298-13 (Soil)**

**Summit Scientific**

**Hexavalent Chromium by EPA Method 7196**

Date Sampled: **04/16/24 10:13**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHD0874	04/24/24	04/24/24	EPA 7196A	

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

Date Sampled: **04/16/24 10:13**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	703	0.0500	mg/L dry	1	BHE0068	05/02/24	05/08/24	EPA 6020B	
Magnesium	28.9	0.0500	"	"	"	"	"	"	
Sodium	144	0.0500	"	"	"	"	"	"	

**Calculated Analysis**

Date Sampled: **04/16/24 10:13**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Sodium Adsorption Ratio	1.45	0.00100	units	1	BHE0264	05/08/24	05/08/24	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **04/16/24 10:13**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
% Solids	86.6		%	1	BHD0770	04/22/24	04/22/24	Calculation	

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **04/16/24 10:13**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Specific Conductance (EC)	0.683	0.0100	mmhos/cm	1	BHE0070	05/02/24	05/06/24	EPA 120.1	

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Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**SS10@2**  
**2404298-13 (Soil)**

**Summit Scientific**

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

Date Sampled: **04/16/24 10:13**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>pH</b>	<b>9.08</b>			pH Units	1	BHE0318	05/02/24	05/09/24	EPA 9045D	

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

Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**SS11@2**  
**2404298-14 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

**I-04, O-04**

Date Sampled: **04/16/24 10:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BHE0339	05/10/24	05/11/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	

Date Sampled: **04/16/24 10:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0349	87.3 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0386	96.6 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0388	97.1 %	50-150		"	"	"	"	

**Total Metals by EPA 6020B Hot Water Soluble Extraction**

Date Sampled: **04/16/24 10:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Boron	ND	2.00	mg/L	1	BHD0796	04/23/24	05/04/24	EPA 6020B	

**Total Metals by EPA 6020B**

Date Sampled: **04/16/24 10:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Arsenic	3.31	0.200	mg/kg dry	1	BHD1039	04/29/24	05/03/24	EPA 6020B	
Barium	308	0.400	"	"	"	"	"	"	
Cadmium	0.466	0.200	"	"	"	"	"	"	
Copper	8.80	0.400	"	"	"	"	"	"	
Lead	17.0	0.200	"	"	"	"	"	"	
Nickel	3.60	0.400	"	"	"	"	"	"	

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240 Mesa Avenue  
Grand Junction. CO, 81501

Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**SS11@2**  
**2404298-14 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

Silver	0.0351	0.0200	mg/kg dry	1	BHD1039	04/29/24	05/03/24	EPA 6020B
Zinc	30.5	0.400	"	"	"	"	"	"
Selenium	ND	0.260	"	"	"	"	"	"

**Hexavalent Chromium by EPA Method 7196**

Date Sampled: **04/16/24 10:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHD0874	04/24/24	04/24/24	EPA 7196A	

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

Date Sampled: **04/16/24 10:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	177	0.0500	mg/L dry	1	BHE0068	05/02/24	05/08/24	EPA 6020B	
Magnesium	49.4	0.0500	"	"	"	"	"	"	
Sodium	1150	0.0500	"	"	"	"	"	"	

**Calculated Analysis**

Date Sampled: **04/16/24 10:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	19.7	0.00100	units	1	BHE0264	05/08/24	05/08/24	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **04/16/24 10:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	85.6		%	1	BHD0770	04/22/24	04/22/24	Calculation	

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

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

Project: Razor 26 GL 2024 Release

Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**SS11@2**  
**2404298-14 (Soil)**

**Summit Scientific**

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **04/16/24 10:15**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Specific Conductance (EC)	0.739	0.0100		mmhos/cm	1	BHE0070	05/02/24	05/06/24	EPA 120.1	

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240 Mesa Avenue  
Grand Junction. CO, 81501

Project: Razor 26 GL 2024 Release

Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**SS11@2**  
**2404298-14 (Soil)**

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

Date Sampled: **04/16/24 10:15**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>pH</b>	<b>8.94</b>			pH Units	1	BHE0318	05/02/24	05/09/24	EPA 9045D	

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

Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**SS12@6**  
**2404298-15 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **04/16/24 10:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BHD0631	04/18/24	04/20/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **04/16/24 10:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0573	143 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0371	92.8 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0407	102 %	50-150		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/16/24 10:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BHD0635	04/18/24	04/20/24	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **04/16/24 10:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl	9.30	74.4 %	30-150		"	"	"	"	

**PAH by EPA Method 8270D SIM**

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Grand Junction, CO, 81501

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06/07/24 14:53

**SS12@6**  
**2404298-15 (Soil)**

**Summit Scientific**

**PAH by EPA Method 8270D SIM**

Date Sampled: **04/16/24 10:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHD0651	04/19/24	04/20/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	ND	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	ND	0.00500	"	"	"	"	"	"	
<b>Fluorene</b>	<b>0.00528</b>	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	ND	0.00500	"	"	"	"	"	"	
<b>1-Methylnaphthalene</b>	<b>0.0139</b>	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **04/16/24 10:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0148	44.5 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0156	46.8 %	40-150		"	"	"	"	

**Total Metals by EPA 6020B Hot Water Soluble Extraction**

Date Sampled: **04/16/24 10:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHD0796	04/23/24	05/04/24	EPA 6020B	

**Total Metals by EPA 6020B**

Date Sampled: **04/16/24 10:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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240 Mesa Avenue  
Grand Junction, CO, 81501

Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**SS12@6**  
**2404298-15 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

Arsenic	5.06	0.200	mg/kg dry	1	BHD1039	04/29/24	05/03/24	EPA 6020B
Barium	213	0.400	"	"	"	"	"	"
Cadmium	0.547	0.200	"	"	"	"	"	"
Copper	9.16	0.400	"	"	"	"	"	"
Lead	6.93	0.200	"	"	"	"	"	"
Nickel	3.52	0.400	"	"	"	"	"	"
Silver	0.0534	0.0200	"	"	"	"	"	"
Zinc	33.8	0.400	"	"	"	"	"	"
Selenium	ND	0.260	"	"	"	"	"	"

**Hexavalent Chromium by EPA Method 7196**

Date Sampled: **04/16/24 10:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHD0874	04/24/24	04/24/24	EPA 7196A	

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

Date Sampled: **04/16/24 10:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	189	0.0500	mg/L dry	1	BHE0068	05/02/24	05/08/24	EPA 6020B	
Magnesium	17.6	0.0500	"	"	"	"	"	"	
Sodium	671	0.0500	"	"	"	"	"	"	

**Calculated Analysis**

Date Sampled: **04/16/24 10:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	12.5	0.00100	units	1	BHE0264	05/08/24	05/08/24	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **04/16/24 10:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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240 Mesa Avenue  
Grand Junction, CO, 81501

Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
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**Reported:**  
06/07/24 14:53

**SS12@6**  
**2404298-15 (Soil)**

**Summit Scientific**

**Physical Parameters by APHA/ASTM/EPA Methods**

% Solids	73.6	%	1	BHD0770	04/22/24	04/22/24	Calculation
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**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **04/16/24 10:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	8.68	0.0100	mmhos/cm	1	BHE0070	05/02/24	05/06/24	EPA 120.1	

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

Date Sampled: **04/16/24 10:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.05		pH Units	1	BHE0069	05/02/24	05/06/24	EPA 9045D	

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Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**BKG01@2**  
**2404298-16 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B Hot Water Soluble Extraction**

Date Sampled: **04/16/24 10:50**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Boron	ND	2.00		mg/L	1	BHD0796	04/23/24	05/04/24	EPA 6020B	

**Total Metals by EPA 6020B**

Date Sampled: **04/16/24 10:50**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Arsenic	1.98	0.200		mg/kg dry	1	BHD1039	04/29/24	05/03/24	EPA 6020B	
Barium	125	0.400		"	"	"	"	"	"	
Cadmium	0.246	0.200		"	"	"	"	"	"	
Copper	5.16	0.400		"	"	"	"	"	"	
Lead	7.43	0.200		"	"	"	"	"	"	
Nickel	2.93	0.400		"	"	"	"	"	"	
Silver	0.0240	0.0200		"	"	"	"	"	"	
Zinc	21.6	0.400		"	"	"	"	"	"	
Selenium	ND	0.260		"	"	"	"	"	"	

**Hexavalent Chromium by EPA Method 7196**

Date Sampled: **04/16/24 10:50**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Chromium, Hexavalent	ND	0.30		mg/kg dry	1	BHD0874	04/24/24	04/24/24	EPA 7196A	

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

Date Sampled: **04/16/24 10:50**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Calcium	909	0.0500		mg/L dry	1	BHE0068	05/02/24	05/08/24	EPA 6020B	
Magnesium	31.1	0.0500		"	"	"	"	"	"	
Sodium	17.4	0.0500		"	"	"	"	"	"	

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240 Mesa Avenue  
Grand Junction. CO, 81501

Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**BKG01@2**  
**2404298-16 (Soil)**

**Summit Scientific**

**Calculated Analysis**

Date Sampled: **04/16/24 10:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.155	0.00100	units	1	BHE0264	05/08/24	05/08/24	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **04/16/24 10:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	94.3		%	1	BHD0770	04/22/24	04/22/24	Calculation	

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **04/16/24 10:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	2.79	0.0100	mmhos/cm	1	BHE0070	05/02/24	05/06/24	EPA 120.1	

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

Date Sampled: **04/16/24 10:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	9.00		pH Units	1	BHE0069	05/02/24	05/06/24	EPA 9045D	

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Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**BKG01@5**  
**2404298-17 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B Hot Water Soluble Extraction**

Date Sampled: **04/16/24 11:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Boron	ND	2.00	mg/L	1	BHD0796	04/23/24	05/04/24	EPA 6020B	

**Total Metals by EPA 6020B**

Date Sampled: **04/16/24 11:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Arsenic	2.98	0.180	mg/kg dry	1	BHD1039	04/29/24	05/03/24	EPA 6020B	
Barium	219	0.360	"	"	"	"	"	"	
Cadmium	0.373	0.180	"	"	"	"	"	"	
Copper	8.19	0.360	"	"	"	"	"	"	
Lead	10.2	0.180	"	"	"	"	"	"	
Nickel	3.60	0.360	"	"	"	"	"	"	
Silver	0.0364	0.0180	"	"	"	"	"	"	
Zinc	32.7	0.360	"	"	"	"	"	"	
Selenium	ND	0.234	"	"	"	"	"	"	

**Hexavalent Chromium by EPA Method 7196**

Date Sampled: **04/16/24 11:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHD0874	04/24/24	04/24/24	EPA 7196A	

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

Date Sampled: **04/16/24 11:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Calcium	112	0.0500	mg/L dry	1	BHE0068	05/02/24	05/08/24	EPA 6020B	
Magnesium	8.11	0.0500	"	"	"	"	"	"	
Sodium	129	0.0500	"	"	"	"	"	"	

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Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**BKG01@5**  
**2404298-17 (Soil)**

**Summit Scientific**

**Calculated Analysis**

Date Sampled: **04/16/24 11:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	3.17	0.00100	units	1	BHE0264	05/08/24	05/08/24	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **04/16/24 11:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	88.0		%	1	BHD0770	04/22/24	04/22/24	Calculation	

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **04/16/24 11:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.256	0.0100	mmhos/cm	1	BHE0070	05/02/24	05/06/24	EPA 120.1	

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

Date Sampled: **04/16/24 11:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.38		pH Units	1	BHE0069	05/02/24	05/06/24	EPA 9045D	

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

Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**BKG02@2**  
**2404298-18 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B Hot Water Soluble Extraction**

Date Sampled: **04/16/24 11:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Boron	ND	2.00		mg/L	1	BHD0796	04/23/24	05/04/24	EPA 6020B	

**Total Metals by EPA 6020B**

Date Sampled: **04/16/24 11:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Arsenic	3.32	0.200		mg/kg dry	1	BHD1039	04/29/24	05/03/24	EPA 6020B	
Barium	174	0.400		"	"	"	"	"	"	
Cadmium	0.341	0.200		"	"	"	"	"	"	
Copper	6.71	0.400		"	"	"	"	"	"	
Lead	9.50	0.200		"	"	"	"	"	"	
Nickel	3.17	0.400		"	"	"	"	"	"	
Silver	0.0303	0.0200		"	"	"	"	"	"	
Zinc	26.3	0.400		"	"	"	"	"	"	
Selenium	ND	0.260		"	"	"	"	"	"	

**Hexavalent Chromium by EPA Method 7196**

Date Sampled: **04/16/24 11:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Chromium, Hexavalent	ND	0.30		mg/kg dry	1	BHD0874	04/24/24	04/24/24	EPA 7196A	

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

Date Sampled: **04/16/24 11:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Calcium	1050	0.0500		mg/L dry	1	BHE0068	05/02/24	05/08/24	EPA 6020B	
Magnesium	32.6	0.0500		"	"	"	"	"	"	
Sodium	15.7	0.0500		"	"	"	"	"	"	

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06/07/24 14:53

**BKG02@2**  
**2404298-18 (Soil)**

**Summit Scientific**

**Calculated Analysis**

Date Sampled: **04/16/24 11:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.130	0.00100	units	1	BHE0264	05/08/24	05/08/24	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **04/16/24 11:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	92.1		%	1	BHD0770	04/22/24	04/22/24	Calculation	

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **04/16/24 11:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.835	0.0100	mmhos/cm	1	BHE0070	05/02/24	05/06/24	EPA 120.1	

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

Date Sampled: **04/16/24 11:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.02		pH Units	1	BHE0069	05/02/24	05/06/24	EPA 9045D	

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06/07/24 14:53

**BKG02@5**  
**2404298-19 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B Hot Water Soluble Extraction**

Date Sampled: **04/16/24 11:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Boron	ND	2.00	mg/L	1	BHD0796	04/23/24	05/04/24	EPA 6020B	

**Total Metals by EPA 6020B**

Date Sampled: **04/16/24 11:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Arsenic	2.83	0.200	mg/kg dry	1	BHD1039	04/29/24	05/03/24	EPA 6020B	
Barium	241	0.400	"	"	"	"	"	"	
Cadmium	0.369	0.200	"	"	"	"	"	"	
Copper	8.09	0.400	"	"	"	"	"	"	
Lead	10.4	0.200	"	"	"	"	"	"	
Nickel	3.70	0.400	"	"	"	"	"	"	
Silver	0.0358	0.0200	"	"	"	"	"	"	
Zinc	32.6	0.400	"	"	"	"	"	"	
Selenium	ND	0.260	"	"	"	"	"	"	

**Hexavalent Chromium by EPA Method 7196**

Date Sampled: **04/16/24 11:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHD0874	04/24/24	04/24/24	EPA 7196A	

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

Date Sampled: **04/16/24 11:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Calcium	187	0.0500	mg/L dry	1	BHE0068	05/02/24	05/08/24	EPA 6020B	
Magnesium	69.8	0.0500	"	"	"	"	"	"	
Sodium	37.5	0.0500	"	"	"	"	"	"	

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06/07/24 14:53

**BKG02@5**  
**2404298-19 (Soil)**

**Summit Scientific**

**Calculated Analysis**

Date Sampled: **04/16/24 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	<b>0.594</b>	0.00100	units	1	BHE0264	05/08/24	05/08/24	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **04/16/24 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	<b>89.1</b>		%	1	BHD0770	04/22/24	04/22/24	Calculation	

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **04/16/24 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	<b>0.233</b>	0.0100	mmhos/cm	1	BHE0070	05/02/24	05/06/24	EPA 120.1	

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

Date Sampled: **04/16/24 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	<b>8.50</b>		pH Units	1	BHE0069	05/02/24	05/06/24	EPA 9045D	

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**Reported:**  
06/07/24 14:53

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### Summit Scientific

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

#### Batch BHD0631 - EPA 5030 Soil MS

##### Blank (BHD0631-BLK1)

Prepared: 04/18/24 Analyzed: 04/20/24

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
1,2,4-Trimethylbenzene	ND	0.0050	"							
1,3,5-Trimethylbenzene	ND	0.0050	"							
Naphthalene	ND	0.0038	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0493		"	0.0400		123	50-150			
Surrogate: Toluene-d8	0.0360		"	0.0400		90.1	50-150			
Surrogate: 4-Bromofluorobenzene	0.0395		"	0.0400		98.8	50-150			

##### LCS (BHD0631-BS1)

Prepared: 04/18/24 Analyzed: 04/20/24

Benzene	0.0856	0.0020	mg/kg	0.100		85.6	70-130			
Toluene	0.0921	0.0050	"	0.100		92.1	70-130			
Ethylbenzene	0.0976	0.0050	"	0.100		97.6	70-130			
m,p-Xylene	0.183	0.010	"	0.200		91.3	70-130			
o-Xylene	0.0922	0.0050	"	0.100		92.2	70-130			
1,2,4-Trimethylbenzene	0.0898	0.0050	"	0.100		89.8	70-130			
1,3,5-Trimethylbenzene	0.0915	0.0050	"	0.100		91.5	70-130			
Naphthalene	0.0926	0.0038	"	0.100		92.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0533		"	0.0400		133	50-150			
Surrogate: Toluene-d8	0.0388		"	0.0400		97.1	50-150			
Surrogate: 4-Bromofluorobenzene	0.0391		"	0.0400		97.6	50-150			

##### Matrix Spike (BHD0631-MS1)

Source: 2404290-01

Prepared: 04/18/24 Analyzed: 04/20/24

Benzene	0.0840	0.0020	mg/kg	0.100	ND	84.0	70-130			
Toluene	0.0960	0.0050	"	0.100	ND	96.0	70-130			
Ethylbenzene	0.0989	0.0050	"	0.100	ND	98.9	70-130			
m,p-Xylene	0.180	0.010	"	0.200	ND	90.1	70-130			
o-Xylene	0.0883	0.0050	"	0.100	ND	88.3	70-130			
1,2,4-Trimethylbenzene	0.0883	0.0050	"	0.100	ND	88.3	70-130			
1,3,5-Trimethylbenzene	0.0921	0.0050	"	0.100	ND	92.1	70-130			
Naphthalene	0.0917	0.0038	"	0.100	ND	91.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0512		"	0.0400		128	50-150			
Surrogate: Toluene-d8	0.0383		"	0.0400		95.7	50-150			
Surrogate: 4-Bromofluorobenzene	0.0376		"	0.0400		94.0	50-150			

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06/07/24 14:53

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**Summit Scientific**

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

**Batch BHD0631 - EPA 5030 Soil MS**

Matrix Spike Dup (BHD0631-MSD1)			Source: 2404290-01		Prepared: 04/18/24 Analyzed: 04/20/24					
Benzene	0.0912	0.0020	mg/kg	0.100	ND	91.2	70-130	8.25	30	
Toluene	0.0733	0.0050	"	0.100	ND	73.3	70-130	26.8	30	
Ethylbenzene	0.0950	0.0050	"	0.100	ND	95.0	70-130	3.99	30	
m,p-Xylene	0.177	0.010	"	0.200	ND	88.3	70-130	2.03	30	
o-Xylene	0.0863	0.0050	"	0.100	ND	86.3	70-130	2.30	30	
1,2,4-Trimethylbenzene	0.0867	0.0050	"	0.100	ND	86.7	70-130	1.78	30	
1,3,5-Trimethylbenzene	0.0891	0.0050	"	0.100	ND	89.1	70-130	3.34	30	
Naphthalene	0.0975	0.0038	"	0.100	ND	97.5	70-130	6.15	30	
Surrogate: 1,2-Dichloroethane-d4	0.0561		"	0.0400		140	50-150			
Surrogate: Toluene-d8	0.0386		"	0.0400		96.4	50-150			
Surrogate: 4-Bromofluorobenzene	0.0388		"	0.0400		97.1	50-150			

**Batch BHE0020 - EPA 5030 Soil MS**

Blank (BHE0020-BLK1)			Prepared: 05/01/24 Analyzed: 05/02/24							
Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
1,2,4-Trimethylbenzene	ND	0.0050	"							
1,3,5-Trimethylbenzene	ND	0.0050	"							
Naphthalene	ND	0.0038	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0286		"	0.0400		71.6	50-150			
Surrogate: Toluene-d8	0.0385		"	0.0400		96.2	50-150			
Surrogate: 4-Bromofluorobenzene	0.0383		"	0.0400		95.8	50-150			

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**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**Summit Scientific**

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

**Batch BHE0020 - EPA 5030 Soil MS**

**LCS (BHE0020-BS1)**

Prepared: 05/01/24 Analyzed: 05/02/24

Benzene	0.0838	0.0020	mg/kg	0.100		83.8	70-130			
Toluene	0.106	0.0050	"	0.100		106	70-130			
Ethylbenzene	0.109	0.0050	"	0.100		109	70-130			
m,p-Xylene	0.216	0.010	"	0.200		108	70-130			
o-Xylene	0.109	0.0050	"	0.100		109	70-130			
1,2,4-Trimethylbenzene	0.0988	0.0050	"	0.100		98.8	70-130			
1,3,5-Trimethylbenzene	0.101	0.0050	"	0.100		101	70-130			
Naphthalene	0.0884	0.0038	"	0.100		88.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0250		"	0.0400		62.4	50-150			
Surrogate: Toluene-d8	0.0410		"	0.0400		103	50-150			
Surrogate: 4-Bromofluorobenzene	0.0391		"	0.0400		97.6	50-150			

**Matrix Spike (BHE0020-MS1)**

Source: 2404298-05

Prepared: 05/01/24 Analyzed: 05/02/24

Benzene	0.0728	0.0020	mg/kg	0.100	ND	72.8	70-130			
Toluene	0.0927	0.0050	"	0.100	ND	92.7	70-130			
Ethylbenzene	0.0886	0.0050	"	0.100	ND	88.6	70-130			
m,p-Xylene	0.174	0.010	"	0.200	ND	87.1	70-130			
o-Xylene	0.0878	0.0050	"	0.100	ND	87.8	70-130			
1,2,4-Trimethylbenzene	0.0765	0.0050	"	0.100	ND	76.5	70-130			
1,3,5-Trimethylbenzene	0.0790	0.0050	"	0.100	ND	79.0	70-130			
Naphthalene	0.0661	0.0038	"	0.100	ND	66.1	70-130			QM-07
Surrogate: 1,2-Dichloroethane-d4	0.0248		"	0.0400		62.1	50-150			
Surrogate: Toluene-d8	0.0423		"	0.0400		106	50-150			
Surrogate: 4-Bromofluorobenzene	0.0386		"	0.0400		96.4	50-150			

**Matrix Spike Dup (BHE0020-MSD1)**

Source: 2404298-05

Prepared: 05/01/24 Analyzed: 05/02/24

Benzene	0.0717	0.0020	mg/kg	0.100	ND	71.7	70-130	1.58	30	
Toluene	0.0852	0.0050	"	0.100	ND	85.2	70-130	8.43	30	
Ethylbenzene	0.0853	0.0050	"	0.100	ND	85.3	70-130	3.83	30	
m,p-Xylene	0.166	0.010	"	0.200	ND	83.1	70-130	4.71	30	
o-Xylene	0.0829	0.0050	"	0.100	ND	82.9	70-130	5.66	30	
1,2,4-Trimethylbenzene	0.0699	0.0050	"	0.100	ND	69.9	70-130	9.02	30	QM-07
1,3,5-Trimethylbenzene	0.0734	0.0050	"	0.100	ND	73.4	70-130	7.44	30	
Naphthalene	0.0557	0.0038	"	0.100	ND	55.7	70-130	17.0	30	QM-07
Surrogate: 1,2-Dichloroethane-d4	0.0250		"	0.0400		62.6	50-150			
Surrogate: Toluene-d8	0.0414		"	0.0400		104	50-150			
Surrogate: 4-Bromofluorobenzene	0.0393		"	0.0400		98.2	50-150			

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**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**Summit Scientific**

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

**Batch BHE0339 - EPA 5030 Soil MS**

**Blank (BHE0339-BLK1)**

Prepared & Analyzed: 05/10/24

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
1,2,4-Trimethylbenzene	ND	0.0050	"							
1,3,5-Trimethylbenzene	ND	0.0050	"							
Naphthalene	ND	0.0038	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0286		"	0.0400		71.4	50-150			
Surrogate: Toluene-d8	0.0401		"	0.0400		100	50-150			
Surrogate: 4-Bromofluorobenzene	0.0392		"	0.0400		98.1	50-150			

**LCS (BHE0339-BS1)**

Prepared & Analyzed: 05/10/24

Benzene	0.0845	0.0020	mg/kg	0.100		84.5	70-130			
Toluene	0.106	0.0050	"	0.100		106	70-130			
Ethylbenzene	0.107	0.0050	"	0.100		107	70-130			
m,p-Xylene	0.213	0.010	"	0.200		107	70-130			
o-Xylene	0.103	0.0050	"	0.100		103	70-130			
1,2,4-Trimethylbenzene	0.0960	0.0050	"	0.100		96.0	70-130			
1,3,5-Trimethylbenzene	0.0992	0.0050	"	0.100		99.2	70-130			
Naphthalene	0.0836	0.0038	"	0.100		83.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0333		"	0.0400		83.3	50-150			
Surrogate: Toluene-d8	0.0419		"	0.0400		105	50-150			
Surrogate: 4-Bromofluorobenzene	0.0400		"	0.0400		100	50-150			

**Matrix Spike (BHE0339-MS1)**

Source: 2405137-01

Prepared & Analyzed: 05/10/24

Benzene	0.0782	0.0020	mg/kg	0.100	ND	78.2	70-130			
Toluene	0.0998	0.0050	"	0.100	ND	99.8	70-130			
Ethylbenzene	0.104	0.0050	"	0.100	ND	104	70-130			
m,p-Xylene	0.204	0.010	"	0.200	ND	102	70-130			
o-Xylene	0.0985	0.0050	"	0.100	ND	98.5	70-130			
1,2,4-Trimethylbenzene	0.0886	0.0050	"	0.100	ND	88.6	70-130			
1,3,5-Trimethylbenzene	0.0931	0.0050	"	0.100	ND	93.1	70-130			
Naphthalene	0.0816	0.0038	"	0.100	ND	81.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0298		"	0.0400		74.6	50-150			
Surrogate: Toluene-d8	0.0421		"	0.0400		105	50-150			
Surrogate: 4-Bromofluorobenzene	0.0388		"	0.0400		97.0	50-150			

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**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**Summit Scientific**

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

**Batch BHE0339 - EPA 5030 Soil MS**

Matrix Spike Dup (BHE0339-MSD1)		Source: 2405137-01			Prepared & Analyzed: 05/10/24					
Benzene	0.0895	0.0020	mg/kg	0.100	ND	89.5	70-130	13.4	30	
Toluene	0.117	0.0050	"	0.100	ND	117	70-130	15.7	30	
Ethylbenzene	0.117	0.0050	"	0.100	ND	117	70-130	12.1	30	
m,p-Xylene	0.233	0.010	"	0.200	ND	116	70-130	12.9	30	
o-Xylene	0.110	0.0050	"	0.100	ND	110	70-130	11.5	30	
1,2,4-Trimethylbenzene	0.0994	0.0050	"	0.100	ND	99.4	70-130	11.5	30	
1,3,5-Trimethylbenzene	0.106	0.0050	"	0.100	ND	106	70-130	13.1	30	
Naphthalene	0.0863	0.0038	"	0.100	ND	86.3	70-130	5.61	30	
Surrogate: 1,2-Dichloroethane-d4		0.0272	"	0.0400		68.1	50-150			
Surrogate: Toluene-d8		0.0414	"	0.0400		103	50-150			
Surrogate: 4-Bromofluorobenzene		0.0396	"	0.0400		99.0	50-150			

Summit Scientific

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

Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**Extractable Petroleum Hydrocarbons by 8015 - Quality Control**  
**Summit Scientific**

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

**Batch BHD0635 - EPA 3550A**

**Blank (BHD0635-BLK1)**

Prepared: 04/18/24 Analyzed: 04/20/24

C10-C28 (DRO)	ND	50	mg/kg							
C28-C36 (ORO)	ND	50	"							
Surrogate: o-Terphenyl	12.3		"	12.5		98.0	30-150			

**LCS (BHD0635-BS1)**

Prepared: 04/18/24 Analyzed: 04/20/24

C10-C28 (DRO)	434	50	mg/kg	500		86.8	70-130			
Surrogate: o-Terphenyl	13.5		"	12.5		108	30-150			

**Matrix Spike (BHD0635-MS1)**

Source: 2404290-01

Prepared: 04/18/24 Analyzed: 04/20/24

C10-C28 (DRO)	417	50	mg/kg	500	15.1	80.3	70-130			
Surrogate: o-Terphenyl	10.5		"	12.5		83.8	30-150			

**Matrix Spike Dup (BHD0635-MSD1)**

Source: 2404290-01

Prepared: 04/18/24 Analyzed: 04/20/24

C10-C28 (DRO)	411	50	mg/kg	500	15.1	79.2	70-130	1.44	20	
Surrogate: o-Terphenyl	11.2		"	12.5		89.5	30-150			

Summit Scientific

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

Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

### PAH by EPA Method 8270D SIM - Quality Control

#### Summit Scientific

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

#### Batch BHD0651 - EPA 5030 Soil MS

##### Blank (BHD0651-BLK1)

Prepared & Analyzed: 04/19/24

Acenaphthene	ND	0.00500	mg/kg							
Anthracene	ND	0.00500	"							
Benzo (a) anthracene	ND	0.00500	"							
Benzo (a) pyrene	ND	0.00500	"							
Benzo (b) fluoranthene	ND	0.00500	"							
Benzo (k) fluoranthene	ND	0.00500	"							
Chrysene	ND	0.00500	"							
Dibenz (a,h) anthracene	ND	0.00500	"							
Fluoranthene	ND	0.00500	"							
Fluorene	ND	0.00500	"							
Indeno (1,2,3-cd) pyrene	ND	0.00500	"							
Pyrene	ND	0.00500	"							
1-Methylnaphthalene	ND	0.00500	"							
2-Methylnaphthalene	ND	0.00500	"							
Surrogate: 2-Methylnaphthalene-d10	0.0268		"	0.0333		80.3	40-150			
Surrogate: Fluoranthene-d10	0.0198		"	0.0333		59.5	40-150			

##### LCS (BHD0651-BS1)

Prepared & Analyzed: 04/19/24

Acenaphthene	0.0307	0.00500	mg/kg	0.0333		92.2	31-137			
Anthracene	0.0318	0.00500	"	0.0333		95.4	30-120			
Benzo (a) anthracene	0.0254	0.00500	"	0.0333		76.1	30-120			
Benzo (a) pyrene	0.0238	0.00500	"	0.0333		71.5	30-120			
Benzo (b) fluoranthene	0.0280	0.00500	"	0.0333		83.9	30-120			
Benzo (k) fluoranthene	0.0313	0.00500	"	0.0333		93.8	30-120			
Chrysene	0.0318	0.00500	"	0.0333		95.4	30-120			
Dibenz (a,h) anthracene	0.0243	0.00500	"	0.0333		72.8	30-120			
Fluoranthene	0.0301	0.00500	"	0.0333		90.4	30-120			
Fluorene	0.0259	0.00500	"	0.0333		77.8	30-120			
Indeno (1,2,3-cd) pyrene	0.0255	0.00500	"	0.0333		76.5	30-120			
Pyrene	0.0337	0.00500	"	0.0333		101	35-142			
1-Methylnaphthalene	0.0285	0.00500	"	0.0333		85.6	35-142			
2-Methylnaphthalene	0.0335	0.00500	"	0.0333		100	35-142			
Surrogate: 2-Methylnaphthalene-d10	0.0295		"	0.0333		88.5	40-150			
Surrogate: Fluoranthene-d10	0.0209		"	0.0333		62.8	40-150			

Summit Scientific

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

Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

### PAH by EPA Method 8270D SIM - Quality Control

#### Summit Scientific

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

#### Batch BHD0651 - EPA 5030 Soil MS

Matrix Spike (BHD0651-MS1)			Source: 2404298-01		Prepared & Analyzed: 04/19/24						
Acenaphthene	0.0203	0.00500	mg/kg	0.0333	ND	60.9	31-137				
Anthracene	0.0196	0.00500	"	0.0333	ND	58.9	30-120				
Benzo (a) anthracene	0.0187	0.00500	"	0.0333	ND	56.0	30-120				
Benzo (a) pyrene	0.0143	0.00500	"	0.0333	ND	42.9	30-120				
Benzo (b) fluoranthene	0.0149	0.00500	"	0.0333	ND	44.7	30-120				
Benzo (k) fluoranthene	0.0169	0.00500	"	0.0333	ND	50.7	30-120				
Chrysene	0.0195	0.00500	"	0.0333	ND	58.5	30-120				
Dibenz (a,h) anthracene	0.0173	0.00500	"	0.0333	ND	52.0	30-120				
Fluoranthene	0.0192	0.00500	"	0.0333	ND	57.5	30-120				
Fluorene	0.0152	0.00500	"	0.0333	ND	45.6	30-120				
Indeno (1,2,3-cd) pyrene	0.0171	0.00500	"	0.0333	ND	51.2	30-120				
Pyrene	0.0203	0.00500	"	0.0333	ND	60.9	35-142				
1-Methylnaphthalene	0.0209	0.00500	"	0.0333	ND	62.8	15-130				
2-Methylnaphthalene	0.0194	0.00500	"	0.0333	ND	58.3	15-130				
Surrogate: 2-Methylnaphthalene-d10	0.0186		"	0.0333		55.9	40-150				
Surrogate: Fluoranthene-d10	0.0145		"	0.0333		43.4	40-150				

Matrix Spike Dup (BHD0651-MSD1)			Source: 2404298-01		Prepared & Analyzed: 04/19/24						
Acenaphthene	0.0184	0.00500	mg/kg	0.0333	ND	55.3	31-137	9.72	30		
Anthracene	0.0187	0.00500	"	0.0333	ND	56.1	30-120	4.99	30		
Benzo (a) anthracene	0.0176	0.00500	"	0.0333	ND	52.7	30-120	6.06	30		
Benzo (a) pyrene	0.0138	0.00500	"	0.0333	ND	41.4	30-120	3.64	30		
Benzo (b) fluoranthene	0.0145	0.00500	"	0.0333	ND	43.5	30-120	2.71	30		
Benzo (k) fluoranthene	0.0158	0.00500	"	0.0333	ND	47.4	30-120	6.71	30		
Chrysene	0.0184	0.00500	"	0.0333	ND	55.1	30-120	5.95	30		
Dibenz (a,h) anthracene	0.0138	0.00500	"	0.0333	ND	41.5	30-120	22.6	30		
Fluoranthene	0.0183	0.00500	"	0.0333	ND	54.9	30-120	4.61	30		
Fluorene	0.0165	0.00500	"	0.0333	ND	49.5	30-120	8.32	30		
Indeno (1,2,3-cd) pyrene	0.0139	0.00500	"	0.0333	ND	41.8	30-120	20.2	30		
Pyrene	0.0192	0.00500	"	0.0333	ND	57.7	35-142	5.46	30		
1-Methylnaphthalene	0.0178	0.00500	"	0.0333	ND	53.5	15-130	16.1	50		
2-Methylnaphthalene	0.0188	0.00500	"	0.0333	ND	56.4	15-130	3.38	50		
Surrogate: 2-Methylnaphthalene-d10	0.0164		"	0.0333		49.1	40-150				
Surrogate: Fluoranthene-d10	0.0158		"	0.0333		47.3	40-150				

Summit Scientific

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

Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

### PAH by EPA Method 8270D SIM - Quality Control

#### Summit Scientific

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

#### Batch BHD1069 - EPA 5030 Soil MS

##### Blank (BHD1069-BLK1)

Prepared & Analyzed: 04/30/24

Acenaphthene	ND	0.00500	mg/kg							
Anthracene	ND	0.00500	"							
Benzo (a) anthracene	ND	0.00500	"							
Benzo (a) pyrene	ND	0.00500	"							
Benzo (b) fluoranthene	ND	0.00500	"							
Benzo (k) fluoranthene	ND	0.00500	"							
Chrysene	ND	0.00500	"							
Dibenz (a,h) anthracene	ND	0.00500	"							
Fluoranthene	ND	0.00500	"							
Fluorene	ND	0.00500	"							
Indeno (1,2,3-cd) pyrene	ND	0.00500	"							
Pyrene	ND	0.00500	"							
1-Methylnaphthalene	ND	0.00500	"							
2-Methylnaphthalene	ND	0.00500	"							
Surrogate: 2-Methylnaphthalene-d10	0.0356		"	0.0333		107	40-150			
Surrogate: Fluoranthene-d10	0.0334		"	0.0333		100	40-150			

##### LCS (BHD1069-BS1)

Prepared & Analyzed: 04/30/24

Acenaphthene	0.0334	0.00500	mg/kg	0.0333	100	31-137
Anthracene	0.0324	0.00500	"	0.0333	97.2	30-120
Benzo (a) anthracene	0.0316	0.00500	"	0.0333	94.8	30-120
Benzo (a) pyrene	0.0273	0.00500	"	0.0333	82.0	30-120
Benzo (b) fluoranthene	0.0286	0.00500	"	0.0333	85.9	30-120
Benzo (k) fluoranthene	0.0345	0.00500	"	0.0333	103	30-120
Chrysene	0.0346	0.00500	"	0.0333	104	30-120
Dibenz (a,h) anthracene	0.0217	0.00500	"	0.0333	65.0	30-120
Fluoranthene	0.0328	0.00500	"	0.0333	98.3	30-120
Fluorene	0.0325	0.00500	"	0.0333	97.6	30-120
Indeno (1,2,3-cd) pyrene	0.0214	0.00500	"	0.0333	64.2	30-120
Pyrene	0.0382	0.00500	"	0.0333	114	35-142
1-Methylnaphthalene	0.0335	0.00500	"	0.0333	101	35-142
2-Methylnaphthalene	0.0328	0.00500	"	0.0333	98.5	35-142
Surrogate: 2-Methylnaphthalene-d10	0.0365		"	0.0333	109	40-150
Surrogate: Fluoranthene-d10	0.0378		"	0.0333	113	40-150

Summit Scientific

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

Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**PAH by EPA Method 8270D SIM - Quality Control**  
**Summit Scientific**

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

**Batch BHD1069 - EPA 5030 Soil MS**

**Matrix Spike (BHD1069-MS1)**

Source: 2404298-05

Prepared & Analyzed: 04/30/24

Acenaphthene	0.0193	0.00500	mg/kg	0.0333	ND	57.9	31-137		
Anthracene	0.0178	0.00500	"	0.0333	ND	53.3	30-120		
Benzo (a) anthracene	0.0183	0.00500	"	0.0333	ND	55.0	30-120		
Benzo (a) pyrene	0.0170	0.00500	"	0.0333	ND	51.0	30-120		
Benzo (b) fluoranthene	0.0154	0.00500	"	0.0333	ND	46.1	30-120		
Benzo (k) fluoranthene	0.0161	0.00500	"	0.0333	ND	48.2	30-120		
Chrysene	0.0181	0.00500	"	0.0333	ND	54.3	30-120		
Dibenz (a,h) anthracene	0.0151	0.00500	"	0.0333	ND	45.4	30-120		
Fluoranthene	0.0177	0.00500	"	0.0333	ND	53.2	30-120		
Fluorene	0.0190	0.00500	"	0.0333	ND	57.0	30-120		
Indeno (1,2,3-cd) pyrene	0.0171	0.00500	"	0.0333	ND	51.2	30-120		
Pyrene	0.0209	0.00500	"	0.0333	ND	62.7	35-142		
1-Methylnaphthalene	0.0194	0.00500	"	0.0333	ND	58.2	15-130		
2-Methylnaphthalene	0.0195	0.00500	"	0.0333	ND	58.4	15-130		
Surrogate: 2-Methylnaphthalene-d10	0.0208		"	0.0333		62.5	40-150		
Surrogate: Fluoranthene-d10	0.0213		"	0.0333		64.0	40-150		

**Matrix Spike Dup (BHD1069-MSD1)**

Source: 2404298-05

Prepared & Analyzed: 04/30/24

Acenaphthene	0.0213	0.00500	mg/kg	0.0333	ND	64.0	31-137	10.1	30
Anthracene	0.0196	0.00500	"	0.0333	ND	58.8	30-120	9.70	30
Benzo (a) anthracene	0.0199	0.00500	"	0.0333	ND	59.6	30-120	8.09	30
Benzo (a) pyrene	0.0187	0.00500	"	0.0333	ND	56.2	30-120	9.79	30
Benzo (b) fluoranthene	0.0162	0.00500	"	0.0333	ND	48.6	30-120	5.26	30
Benzo (k) fluoranthene	0.0161	0.00500	"	0.0333	ND	48.4	30-120	0.513	30
Chrysene	0.0192	0.00500	"	0.0333	ND	57.5	30-120	5.68	30
Dibenz (a,h) anthracene	0.0143	0.00500	"	0.0333	ND	42.8	30-120	6.01	30
Fluoranthene	0.0195	0.00500	"	0.0333	ND	58.5	30-120	9.52	30
Fluorene	0.0213	0.00500	"	0.0333	ND	64.0	30-120	11.6	30
Indeno (1,2,3-cd) pyrene	0.0175	0.00500	"	0.0333	ND	52.4	30-120	2.38	30
Pyrene	0.0231	0.00500	"	0.0333	ND	69.3	35-142	10.0	30
1-Methylnaphthalene	0.0222	0.00500	"	0.0333	ND	66.5	15-130	13.2	50
2-Methylnaphthalene	0.0206	0.00500	"	0.0333	ND	61.7	15-130	5.48	50
Surrogate: 2-Methylnaphthalene-d10	0.0239		"	0.0333		71.6	40-150		
Surrogate: Fluoranthene-d10	0.0236		"	0.0333		70.7	40-150		

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

Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**PAH by EPA Method 8270D SIM - Quality Control**  
**Summit Scientific**

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

**Batch BHE0327 - EPA 5030 Soil MS**

**Blank (BHE0327-BLK1)**

Prepared & Analyzed: 05/10/24

Acenaphthene	ND	0.00500	mg/kg							
Anthracene	ND	0.00500	"							
Benzo (a) anthracene	ND	0.00500	"							
Benzo (a) pyrene	ND	0.00500	"							
Benzo (b) fluoranthene	ND	0.00500	"							
Benzo (k) fluoranthene	ND	0.00500	"							
Chrysene	ND	0.00500	"							
Dibenz (a,h) anthracene	ND	0.00500	"							
Fluoranthene	ND	0.00500	"							
Fluorene	ND	0.00500	"							
Indeno (1,2,3-cd) pyrene	ND	0.00500	"							
Pyrene	ND	0.00500	"							
1-Methylnaphthalene	ND	0.00500	"							
2-Methylnaphthalene	ND	0.00500	"							
Surrogate: 2-Methylnaphthalene-d10	0.0376		"	0.0333		113	40-150			
Surrogate: Fluoranthene-d10	0.0430		"	0.0333		129	40-150			

**LCS (BHE0327-BS1)**

Prepared & Analyzed: 05/10/24

Acenaphthene	0.0319	0.00500	mg/kg	0.0333	95.8	31-137
Anthracene	0.0311	0.00500	"	0.0333	93.2	30-120
Benzo (a) anthracene	0.0287	0.00500	"	0.0333	86.1	30-120
Benzo (a) pyrene	0.0332	0.00500	"	0.0333	99.5	30-120
Benzo (b) fluoranthene	0.0296	0.00500	"	0.0333	88.7	30-120
Benzo (k) fluoranthene	0.0318	0.00500	"	0.0333	95.4	30-120
Chrysene	0.0332	0.00500	"	0.0333	99.5	30-120
Dibenz (a,h) anthracene	0.0329	0.00500	"	0.0333	98.6	30-120
Fluoranthene	0.0306	0.00500	"	0.0333	91.8	30-120
Fluorene	0.0311	0.00500	"	0.0333	93.3	30-120
Indeno (1,2,3-cd) pyrene	0.0364	0.00500	"	0.0333	109	30-120
Pyrene	0.0343	0.00500	"	0.0333	103	35-142
1-Methylnaphthalene	0.0302	0.00500	"	0.0333	90.5	35-142
2-Methylnaphthalene	0.0318	0.00500	"	0.0333	95.4	35-142
Surrogate: 2-Methylnaphthalene-d10	0.0300		"	0.0333	89.9	40-150
Surrogate: Fluoranthene-d10	0.0309		"	0.0333	92.6	40-150

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

Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**PAH by EPA Method 8270D SIM - Quality Control**  
**Summit Scientific**

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

**Batch BHE0327 - EPA 5030 Soil MS**

Matrix Spike (BHE0327-MS1)			Source: 2405141-01		Prepared & Analyzed: 05/10/24					
Acenaphthene	0.0170	0.00500	mg/kg	0.0333	ND	51.0	31-137			
Anthracene	0.0171	0.00500	"	0.0333	ND	51.2	30-120			
Benzo (a) anthracene	0.0181	0.00500	"	0.0333	ND	54.4	30-120			
Benzo (a) pyrene	0.0181	0.00500	"	0.0333	ND	54.4	30-120			
Benzo (b) fluoranthene	0.0161	0.00500	"	0.0333	ND	48.2	30-120			
Benzo (k) fluoranthene	0.0184	0.00500	"	0.0333	ND	55.1	30-120			
Chrysene	0.0194	0.00500	"	0.0333	ND	58.3	30-120			
Dibenz (a,h) anthracene	0.0217	0.00500	"	0.0333	ND	65.1	30-120			
Fluoranthene	0.0155	0.00500	"	0.0333	ND	46.6	30-120			
Fluorene	0.0179	0.00500	"	0.0333	ND	53.7	30-120			
Indeno (1,2,3-cd) pyrene	0.0227	0.00500	"	0.0333	ND	68.2	30-120			
Pyrene	0.0197	0.00500	"	0.0333	ND	59.1	35-142			
1-Methylnaphthalene	0.0180	0.00500	"	0.0333	ND	54.0	15-130			
2-Methylnaphthalene	0.0184	0.00500	"	0.0333	ND	55.3	15-130			
Surrogate: 2-Methylnaphthalene-d10	0.0184		"	0.0333		55.1	40-150			
Surrogate: Fluoranthene-d10	0.0161		"	0.0333		48.2	40-150			

Matrix Spike Dup (BHE0327-MSD1)			Source: 2405141-01		Prepared & Analyzed: 05/10/24					
Acenaphthene	0.0157	0.00500	mg/kg	0.0333	ND	47.0	31-137	8.16	30	
Anthracene	0.0162	0.00500	"	0.0333	ND	48.7	30-120	5.06	30	
Benzo (a) anthracene	0.0173	0.00500	"	0.0333	ND	51.9	30-120	4.73	30	
Benzo (a) pyrene	0.0169	0.00500	"	0.0333	ND	50.8	30-120	6.98	30	
Benzo (b) fluoranthene	0.0144	0.00500	"	0.0333	ND	43.3	30-120	10.7	30	
Benzo (k) fluoranthene	0.0164	0.00500	"	0.0333	ND	49.3	30-120	11.1	30	
Chrysene	0.0170	0.00500	"	0.0333	ND	51.0	30-120	13.3	30	
Dibenz (a,h) anthracene	0.0188	0.00500	"	0.0333	ND	56.3	30-120	14.5	30	
Fluoranthene	0.0162	0.00500	"	0.0333	ND	48.6	30-120	4.10	30	
Fluorene	0.0162	0.00500	"	0.0333	ND	48.7	30-120	9.83	30	
Indeno (1,2,3-cd) pyrene	0.0209	0.00500	"	0.0333	ND	62.6	30-120	8.45	30	
Pyrene	0.0198	0.00500	"	0.0333	ND	59.4	35-142	0.570	30	
1-Methylnaphthalene	0.0180	0.00500	"	0.0333	ND	53.9	15-130	0.343	50	
2-Methylnaphthalene	0.0177	0.00500	"	0.0333	ND	53.1	15-130	4.10	50	
Surrogate: 2-Methylnaphthalene-d10	0.0176		"	0.0333		52.9	40-150			
Surrogate: Fluoranthene-d10	0.0174		"	0.0333		52.1	40-150			

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

Project: Razor 26 GL 2024 Release

Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

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

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

**Batch BHD0796 - EPA 3050B**

**Blank (BHD0796-BLK1)**

Prepared: 04/23/24 Analyzed: 05/04/24

Boron ND 2.00 mg/L

**LCS (BHD0796-BS1)**

Prepared: 04/23/24 Analyzed: 05/04/24

Boron 4.79 2.00 mg/L 5.00 95.7 80-120

**Duplicate (BHD0796-DUP1)**

**Source: 2404298-01**

Prepared: 04/23/24 Analyzed: 05/04/24

Boron 0.0589 2.00 mg/L 0.0766 26.0 20 QR-01

**Matrix Spike (BHD0796-MS1)**

**Source: 2404298-01**

Prepared: 04/23/24 Analyzed: 05/04/24

Boron 4.87 2.00 mg/L 4.99 0.0766 96.2 75-125

**Matrix Spike Dup (BHD0796-MSD1)**

**Source: 2404298-01**

Prepared: 04/23/24 Analyzed: 05/04/24

Boron 5.06 2.00 mg/L 4.99 0.0766 100 75-125 3.82 25

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240 Mesa Avenue  
Grand Junction. CO, 81501

Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**Total Metals by EPA 6020B - Quality Control**  
**Summit Scientific**

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

**Batch BHD1039 - EPA 3050B**

**Blank (BHD1039-BLK1)**

Prepared: 04/29/24 Analyzed: 05/03/24

Arsenic	ND	0.200	mg/kg wet
Barium	ND	0.400	"
Cadmium	ND	0.200	"
Copper	ND	0.400	"
Lead	ND	0.200	"
Nickel	ND	0.400	"
Silver	ND	0.0200	"
Zinc	ND	0.400	"
Selenium	ND	0.260	"

**LCS (BHD1039-BS1)**

Prepared: 04/29/24 Analyzed: 05/03/24

Arsenic	39.5	0.200	mg/kg wet	40.0	98.8	80-120
Barium	38.5	0.400	"	40.0	96.2	80-120
Cadmium	1.91	0.200	"	2.00	95.3	80-120
Copper	38.5	0.400	"	40.0	96.4	80-120
Lead	18.7	0.200	"	20.0	93.3	80-120
Nickel	40.0	0.400	"	40.0	100	80-120
Silver	1.90	0.0200	"	2.00	95.2	80-120
Zinc	38.3	0.400	"	40.0	95.8	80-120
Selenium	4.00	0.260	"	4.00	100	80-120

**Duplicate (BHD1039-DUP1)**

Source: 2404298-01

Prepared: 04/29/24 Analyzed: 05/03/24

Arsenic	3.24	0.200	mg/kg dry	3.08	4.95	20
Barium	411	0.400	"	370	10.4	20
Cadmium	0.441	0.200	"	0.410	7.16	20
Copper	8.77	0.400	"	8.32	5.29	20
Lead	15.8	0.200	"	12.4	23.9	20
Nickel	3.63	0.400	"	3.62	0.297	20
Silver	0.0345	0.0200	"	0.0332	4.06	20
Zinc	28.8	0.400	"	29.0	0.636	20
Selenium	ND	0.260	"	ND		20

QR-04

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

Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**Total Metals by EPA 6020B - Quality Control**  
**Summit Scientific**

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

**Batch BHD1039 - EPA 3050B**

Matrix Spike (BHD1039-MS1)			Source: 2404298-01		Prepared: 04/29/24 Analyzed: 05/03/24						
Arsenic	43.9	0.200	mg/kg dry	48.7	3.08	83.8	75-125				
Barium	401	0.400	"	48.7	370	63.3	75-125				QM-07
Cadmium	2.86	0.200	"	2.44	0.410	100	75-125				
Copper	55.2	0.400	"	48.7	8.32	96.2	75-125				
Lead	35.0	0.200	"	24.4	12.4	92.8	75-125				
Nickel	30.8	0.400	"	48.7	3.62	55.7	75-125				QM-05
Silver	2.42	0.0200	"	2.44	0.0332	97.8	75-125				
Zinc	78.5	0.400	"	48.7	29.0	101	75-125				
Selenium	3.81	0.260	"	4.87	ND	78.2	75-125				

Matrix Spike Dup (BHD1039-MSD1)			Source: 2404298-01		Prepared: 04/29/24 Analyzed: 05/03/24						
Arsenic	43.7	0.200	mg/kg dry	48.7	3.08	83.3	75-125	0.602	25		
Barium	400	0.400	"	48.7	370	59.7	75-125	0.444	25		QM-07
Cadmium	2.85	0.200	"	2.44	0.410	100	75-125	0.325	25		
Copper	54.4	0.400	"	48.7	8.32	94.6	75-125	1.42	25		
Lead	34.6	0.200	"	24.4	12.4	91.0	75-125	1.28	25		
Nickel	30.2	0.400	"	48.7	3.62	54.5	75-125	1.90	25		QM-05
Silver	2.43	0.0200	"	2.44	0.0332	98.3	75-125	0.523	25		
Zinc	77.2	0.400	"	48.7	29.0	98.8	75-125	1.65	25		
Selenium	3.90	0.260	"	4.87	ND	80.0	75-125	2.38	25		

**Batch BHE0332 - EPA 3050B**

Blank (BHE0332-BLK1)			Prepared: 05/10/24 Analyzed: 06/04/24								
Arsenic	ND	0.200	mg/kg wet								
Barium	ND	0.400	"								
Cadmium	ND	0.200	"								
Copper	ND	0.400	"								
Lead	ND	0.200	"								
Nickel	ND	0.400	"								
Silver	ND	0.0200	"								
Zinc	ND	0.400	"								
Selenium	ND	0.260	"								

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240 Mesa Avenue  
Grand Junction. CO, 81501

Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**Total Metals by EPA 6020B - Quality Control**  
**Summit Scientific**

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

**Batch BHE0332 - EPA 3050B**

**LCS (BHE0332-BS1)**

Prepared: 05/10/24 Analyzed: 06/04/24

Arsenic	38.0	0.200	mg/kg wet	40.0		95.0	80-120			
Barium	38.0	0.400	"	40.0		95.0	80-120			
Cadmium	1.88	0.200	"	2.00		93.8	80-120			
Copper	40.0	0.400	"	40.0		99.9	80-120			
Lead	18.7	0.200	"	20.0		93.5	80-120			
Nickel	40.1	0.400	"	40.0		100	80-120			
Silver	1.86	0.0200	"	2.00		93.1	80-120			
Zinc	39.6	0.400	"	40.0		99.0	80-120			
Selenium	4.13	0.260	"	4.00		103	80-120			

**Duplicate (BHE0332-DUP1)**

Source: 2404298-03

Prepared: 05/10/24 Analyzed: 06/05/24

Arsenic	4.66	0.200	mg/kg dry		4.66			0.199	20	
Barium	321	0.400	"		292			9.32	20	
Cadmium	0.371	0.200	"		0.357			3.79	20	
Copper	5.35	0.400	"		5.22			2.43	20	
Lead	16.2	0.200	"		13.1			20.7	20	QR-04
Nickel	4.03	0.400	"		3.95			1.86	20	
Silver	0.0254	0.0200	"		0.0266			4.45	20	
Zinc	18.2	0.400	"		17.7			2.72	20	
Selenium	0.226	0.260	"		0.222			1.94	20	

**Matrix Spike (BHE0332-MS1)**

Source: 2404298-03

Prepared: 05/10/24 Analyzed: 06/05/24

Arsenic	43.8	0.200	mg/kg dry	41.6	4.66	94.0	75-125			
Barium	324	0.400	"	41.6	292	77.4	75-125			
Cadmium	2.39	0.200	"	2.08	0.357	97.9	75-125			
Copper	25.8	0.400	"	41.6	5.22	49.4	75-125			QM-07
Lead	33.9	0.200	"	20.8	13.1	99.9	75-125			
Nickel	25.4	0.400	"	41.6	3.95	51.5	75-125			QM-07
Silver	2.00	0.0200	"	2.08	0.0266	95.1	75-125			
Zinc	39.3	0.400	"	41.6	17.7	52.0	75-125			QM-07
Selenium	4.09	0.260	"	4.16	0.222	93.0	75-125			

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

Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**Total Metals by EPA 6020B - Quality Control**  
**Summit Scientific**

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

**Batch BHE0332 - EPA 3050B**

Matrix Spike Dup (BHE0332-MSD1)			Source: 2404298-03		Prepared: 05/10/24 Analyzed: 06/05/24					
Arsenic	43.1	0.200	mg/kg dry	41.6	4.66	92.5	75-125	1.47	25	
Barium	323	0.400	"	41.6	292	73.4	75-125	0.523	25	QM-07
Cadmium	2.38	0.200	"	2.08	0.357	97.1	75-125	0.663	25	
Copper	25.6	0.400	"	41.6	5.22	49.0	75-125	0.618	25	QM-07
Lead	33.5	0.200	"	20.8	13.1	97.6	75-125	1.42	25	
Nickel	25.3	0.400	"	41.6	3.95	51.4	75-125	0.174	25	QM-07
Silver	2.01	0.0200	"	2.08	0.0266	95.5	75-125	0.476	25	
Zinc	38.9	0.400	"	41.6	17.7	51.1	75-125	0.928	25	QM-07
Selenium	3.95	0.260	"	4.16	0.222	89.7	75-125	3.47	25	

**Batch BHE0391 - EPA 3050B**

Blank (BHE0391-BLK1)			Prepared: 05/13/24 Analyzed: 05/15/24							
Arsenic	ND	0.200	mg/kg wet							
Barium	ND	0.400	"							
Cadmium	ND	0.200	"							
Copper	ND	0.400	"							
Lead	ND	0.200	"							
Nickel	ND	0.400	"							
Silver	ND	0.0200	"							
Zinc	ND	0.400	"							
Selenium	ND	0.260	"							

LCS (BHE0391-BS1)			Prepared: 05/13/24 Analyzed: 05/15/24							
Arsenic	44.9	0.200	mg/kg wet	40.0		112	80-120			
Barium	46.1	0.400	"	40.0		115	80-120			
Cadmium	2.31	0.200	"	2.00		115	80-120			
Copper	45.8	0.400	"	40.0		114	80-120			
Lead	22.8	0.200	"	20.0		114	80-120			
Nickel	40.1	0.400	"	40.0		100	80-120			
Silver	2.26	0.0200	"	2.00		113	80-120			
Zinc	45.4	0.400	"	40.0		113	80-120			
Selenium	4.69	0.260	"	4.00		117	80-120			

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

Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**Total Metals by EPA 6020B - Quality Control**  
**Summit Scientific**

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

**Batch BHE0391 - EPA 3050B**

Duplicate (BHE0391-DUP1)		Source: 2402471-02RE1			Prepared: 05/13/24		Analyzed: 05/15/24				
Arsenic	6.00	0.200	mg/kg wet		5.18			14.5	20		
Barium	243	0.400	"		232			4.55	20		
Cadmium	0.263	0.200	"		0.236			10.6	20		
Copper	9.81	0.400	"		8.42			15.2	20		
Lead	9.62	0.200	"		7.86			20.1	20		QR-04
Nickel	6.45	0.400	"		5.93			8.49	20		
Silver	0.0368	0.0200	"		0.0326			12.3	20		
Zinc	37.1	0.400	"		32.5			13.2	20		
Selenium	ND	0.260	"		ND				20		QR-01

Matrix Spike (BHE0391-MS1)		Source: 2402471-02RE1			Prepared: 05/13/24		Analyzed: 05/15/24				
Arsenic	46.9	0.200	mg/kg wet	37.6	5.18	111	75-125				
Barium	250	0.400	"	37.6	232	47.2	75-125				QM-07
Cadmium	2.45	0.200	"	1.88	0.236	118	75-125				
Copper	50.6	0.400	"	37.6	8.42	112	75-125				
Lead	29.1	0.200	"	18.8	7.86	113	75-125				
Nickel	26.7	0.400	"	37.6	5.93	55.2	75-125				QM-07
Silver	2.13	0.0200	"	1.88	0.0326	111	75-125				
Zinc	79.7	0.400	"	37.6	32.5	126	75-125				QM-07
Selenium	3.91	0.260	"	3.76	ND	104	75-125				

Matrix Spike Dup (BHE0391-MSD1)		Source: 2402471-02RE1			Prepared: 05/13/24		Analyzed: 05/15/24				
Arsenic	46.8	0.200	mg/kg wet	37.6	5.18	111	75-125	0.195	25		
Barium	253	0.400	"	37.6	232	55.3	75-125	1.20	25		QM-07
Cadmium	2.41	0.200	"	1.88	0.236	116	75-125	1.53	25		
Copper	50.3	0.400	"	37.6	8.42	111	75-125	0.563	25		
Lead	29.4	0.200	"	18.8	7.86	115	75-125	1.22	25		
Nickel	26.3	0.400	"	37.6	5.93	54.2	75-125	1.46	25		QM-07
Silver	2.10	0.0200	"	1.88	0.0326	110	75-125	1.26	25		
Zinc	78.9	0.400	"	37.6	32.5	124	75-125	1.01	25		
Selenium	4.17	0.260	"	3.76	ND	111	75-125	6.31	25		

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240 Mesa Avenue  
Grand Junction. CO, 81501

Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**Hexavalent Chromium by EPA Method 7196 - Quality Control**  
**Summit Scientific**

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

**Batch BHD0874 - 3060A Mod**

**Blank (BHD0874-BLK1)**

Prepared & Analyzed: 04/24/24

Chromium, Hexavalent ND 0.30 mg/kg wet

**LCS (BHD0874-BS1)**

Prepared & Analyzed: 04/24/24

Chromium, Hexavalent 25.4 0.30 mg/kg wet 25.0 102 80-120

**Duplicate (BHD0874-DUP1)**

Source: 2404298-01

Prepared & Analyzed: 04/24/24

Chromium, Hexavalent ND 0.30 mg/kg dry ND 20

**Matrix Spike (BHD0874-MS1)**

Source: 2404298-01

Prepared & Analyzed: 04/24/24

Chromium, Hexavalent 32.5 0.30 mg/kg dry 32.4 ND 100 75-125

**Matrix Spike Dup (BHD0874-MSD1)**

Source: 2404298-01

Prepared & Analyzed: 04/24/24

Chromium, Hexavalent 32.3 0.30 mg/kg dry 32.4 ND 99.6 75-125 0.800 20

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

Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

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

**Summit Scientific**

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

**Batch BHE0068 - General Preparation**

**Blank (BHE0068-BLK1)**

Prepared: 05/02/24 Analyzed: 05/08/24

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

**LCS (BHE0068-BS1)**

Prepared: 05/02/24 Analyzed: 05/08/24

Calcium	5.22	0.0500	mg/L wet	5.00	104	70-130
Magnesium	4.84	0.0500	"	5.00	96.8	70-130
Sodium	4.96	0.0500	"	5.00	99.3	70-130

**Batch BHE0311 - General Preparation**

**Blank (BHE0311-BLK1)**

Prepared: 05/09/24 Analyzed: 05/26/24

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

**LCS (BHE0311-BS1)**

Prepared: 05/09/24 Analyzed: 05/26/24

Calcium	6.10	0.0500	mg/L wet	5.00	122	70-130
Magnesium	5.35	0.0500	"	5.00	107	70-130
Sodium	5.36	0.0500	"	5.00	107	70-130

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240 Mesa Avenue  
Grand Junction. CO, 81501

Project: Razor 26 GL 2024 Release

Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

**Physical Parameters by APHA/ASTM/EPA Methods - Quality Control**  
**Summit Scientific**

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

**Batch BHD0770 - General Preparation**

<b>Duplicate (BHD0770-DUP1)</b>		<b>Source: 2404298-01</b>			<b>Prepared &amp; Analyzed: 04/22/24</b>						
% Solids	77.6		%		77.1			0.610		20	

**Batch BHE0335 - General Preparation**

<b>Duplicate (BHE0335-DUP1)</b>		<b>Source: 2404298-03</b>			<b>Prepared &amp; Analyzed: 05/10/24</b>						
% Solids	88.3		%		88.4			0.123		20	

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240 Mesa Avenue  
Grand Junction. CO, 81501

Project: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

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

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

**Batch BHE0070 - General Preparation**

**Blank (BHE0070-BLK1)**

Prepared: 05/02/24 Analyzed: 05/06/24

Specific Conductance (EC) ND 0.0100 mmhos/cm

**LCS (BHE0070-BS1)**

Prepared: 05/02/24 Analyzed: 05/06/24

Specific Conductance (EC) 0.155 0.0100 mmhos/cm 0.150 103 95-105

**Duplicate (BHE0070-DUP1)**

**Source: 2404298-01**

Prepared: 05/02/24 Analyzed: 05/06/24

Specific Conductance (EC) 7.14 0.0100 mmhos/cm 7.31 2.34 20

**Batch BHE0313 - General Preparation**

**Blank (BHE0313-BLK1)**

Prepared: 05/09/24 Analyzed: 05/10/24

Specific Conductance (EC) ND 0.0100 mmhos/cm

**LCS (BHE0313-BS1)**

Prepared: 05/09/24 Analyzed: 05/10/24

Specific Conductance (EC) 0.146 0.0100 mmhos/cm 0.150 97.1 95-105

**Duplicate (BHE0313-DUP1)**

**Source: 2404298-03**

Prepared: 05/09/24 Analyzed: 05/10/24

Specific Conductance (EC) 4.65 0.0100 mmhos/cm 4.72 1.35 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: Razor 26 GL 2024 Release  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

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

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

**Batch BHE0069 - General Preparation**

<b>LCS (BHE0069-BS1)</b>					Prepared: 05/02/24 Analyzed: 05/06/24					
pH	9.14		pH Units	9.18		99.6	95-105			
<b>Duplicate (BHE0069-DUP1)</b>					Source: 2404298-01 Prepared: 05/02/24 Analyzed: 05/06/24					
pH	7.92		pH Units		7.85			0.888	20	

**Batch BHE0312 - General Preparation**

<b>LCS (BHE0312-BS1)</b>					Prepared: 05/09/24 Analyzed: 05/10/24					
pH	9.20		pH Units	9.18		100	95-105			
<b>Duplicate (BHE0312-DUP1)</b>					Source: 2404298-03 Prepared: 05/09/24 Analyzed: 05/10/24					
pH	8.06		pH Units		8.05			0.124	20	

**Batch BHE0318 - General Preparation**

<b>LCS (BHE0318-BS1)</b>					Prepared & Analyzed: 05/09/24					
pH	9.20		pH Units	9.18		100	95-105			
<b>Duplicate (BHE0318-DUP1)</b>					Source: 2404298-08RE1 Prepared & Analyzed: 05/09/24					
pH	9.10		pH Units		9.20			1.09	20	

Summit Scientific

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

Project: Razor 26 GL 2024 Release

Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
06/07/24 14:53

### Notes and Definitions

R-02	Elevated Reporting Limits due to limited sample volume.
QR-04	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QR-01	Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The associated LCS and/or LCSD were within acceptance limits, therefore the data are considered valid.
O-05	This sample was extracted outside of the EPA recommended holding time.
O-04	This sample was analyzed above the recommended temperature.
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



# Summit Scientific

---

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

August 19, 2024

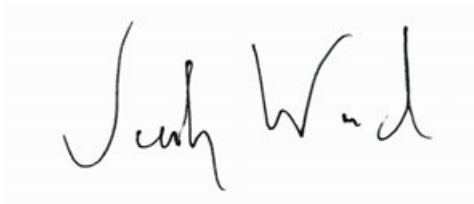
Ryan Finley  
Entrada Consulting Group  
240 Mesa Avenue  
Grand Junction., CO 81501

RE: Razor 26 GL

Work Order #2406115

Enclosed are the results of analyses for samples received by Summit Scientific on 06/10/24 08:51. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Jacob Wood". The signature is written in a cursive, flowing style.

Jacob Wood For Paul Shrewsbury  
President



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

Project: Razor 26 GL

Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS13@9	2406115-01	Soil	06/06/24 10:10	06/10/24 08:51
SS14@4.5	2406115-02	Soil	06/06/24 10:20	06/10/24 08:51
SS15@3	2406115-03	Soil	06/06/24 10:30	06/10/24 08:51
SS16@4	2406115-04	Soil	06/06/24 10:40	06/10/24 08:51
SS17@4	2406115-05	Soil	06/06/24 10:50	06/10/24 08:51
SS18@4	2406115-06	Soil	06/06/24 11:00	06/10/24 08:51
SS19@4	2406115-07	Soil	06/06/24 11:10	06/10/24 08:51
SS20@3	2406115-08	Soil	06/06/24 11:20	06/10/24 08:51
SS21@6	2406115-09	Soil	06/06/24 11:30	06/10/24 08:51
SS22@6	2406115-10	Soil	06/06/24 11:40	06/10/24 08:51

#### Case Narrative

Rerun analyses were performed by client request on 6/28/2024.  
The rerun results included in this report are denoted with "RE#."

Ryan Finley requested SS20@6 be renamed on 8/16/2024.

Reported 8260 analytes have been corrected on 8/19/2024.

This is a revision of the report originally sent on 6/17/2024 at 13:35 MT.

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

4653 Table Mountain Drive  
Golden, CO 80403  
303-277-9310

Lab ID	Page 1 of 1
240915	

Client: <u>Entrada Consulting Group</u>	Send Data To: Project Manager: <u>Ryan Finley</u>	Send Invoice To: Company: <u>Entrada</u>
Address:	E-Mail: <u>rfinley@entradainc.com</u>	Project Name/Location:
City/State/Zip:	<u>nyourd@entradainc.com</u>	AFE#:
Phone: <u>412-337-5122</u>	Project Name: <u>Razor 26 GL</u>	PO/Billing Codes:
Sampler Name: <u>Nic Kyourd</u>	Project Number:	Contact:

					Preservative				Matrix		Analysis Requested								Special Instructions	
ID	Sample Description	Date Sampled	Time Sampled	# of containers	HCl	HNO3	None	Other	Water	Soil	Air-Canister #	Other	BTX	Fluorene	9-methyl naphthalene	EC, SAR, pH	Arsenic, Barium	Cadmium	Lead	
1	SS13G9	6/6/24	1010	2			X			X			X	X	X	X	X	X	X	
2	SS14G4.5		1020																	
3	SS15G3		1030																	
4	SS16G3		1040																	
5	SS17G3		1050																	
6	SS18G3		1100																	
7	SS19G3		1110																	
8	SS20G6		1120																	
9	SS21G6		1130																	
10	SS22G6		1140																	
11																				
12																				
13																				
14																				
15																				

Relinquished by: <u>[Signature]</u> Date/Time: <u>6/9/24 1600</u>	Received by: <u>[Signature]</u> Date/Time: <u>6/10/24 0851</u>	TAT Business Days	Field DO	Notes:
		Same Day	Field EC	
Relinquished by: <u>S2</u> Date/Time: <u>6/10/24 0851</u>	Received by: <u>[Signature]</u> Date/Time: <u>6/10/24 0851</u>	1 Day	Field ORP	
		2 Days	Field pH	
Relinquished by: _____ Date/Time: _____	Received by: _____ Date/Time: _____	3 Days	Field Temp.	
		Standard	Field Turb.	
Temperature Upon Receipt: <u>12.6</u>	Corrected Temperature: <u>12.6</u>	IR gun #: <u>1</u>	HNO3 lot #: _____	

S<sub>2</sub>

## Sample Receipt Checklist

S2 Work Order# 2406115Client: EntradaClient Project ID: Razor 26 GLShipped Via: H.D./P.U./FedEx/UPS/USPS/Other ☐

Airbill #: \_\_\_\_\_

<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	-------------------------------------	--------------------------	--------------------------	--------------------------

Matrix (Check all that apply)

Air ☐Soil/Solid ☒Water ☐Other ☐

Temp (°C)

6.6

Thermometer #

1

	Yes	No	N/A	Comments (if any)
If samples require cooling, is the temperature < 6°C? <sup>(1)</sup> <b>NOTE:</b> 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>
If custody seals are present, are they intact? <sup>(1)</sup>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are samples due within 48 hours present?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are water samples with short hold times present? - Note the short hold analysis in the comments column - pH, Nitrate/Nitrite, Ferrous Iron (Fe <sup>2+</sup> ), Hexavalent Chromium (Cr <sup>6+</sup> , Cr VI), COD/BOD, Total Coliform, E. Coli, Total Residual Chlorine (TRC), Dissolved Oxygen	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is a chain-of-custody (COC) form present and filled out Completely? <sup>(1)</sup>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client w/ date and time recorded? <sup>(1)</sup>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were all samples received intact? <sup>(1)</sup>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided? <sup>(1)</sup>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received? <sup>(1)</sup>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC? <sup>(1)</sup>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water – is there headspace present? <b>If yes, contact client and note in narrative.</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples preserved that require preservation (excluding cooling)? <sup>(1)</sup> Note the type of preservative in the comments column – HCl, H <sub>2</sub> SO <sub>4</sub> , NaOH, HNO <sub>3</sub> , etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If samples are acid preserved for metals, is the pH ≤ 2? <sup>(1)</sup> 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):				
<sup>(1)</sup> If NO, then contact the client before proceeding with analysis and note in case narrative.				

Jim V. d  
Custodian Printed Name

6/10/24 8:51  
Date/Time



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

Project: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

**SS13@9**  
**2406115-01 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **06/06/24 10:10**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	BHF0329	06/12/24	06/12/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **06/06/24 10:10**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4	0.0246	61.6 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0395	98.8 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0395	98.8 %	50-150		"	"	"	"	

**PAH by EPA Method 8270D SIM**

Date Sampled: **06/06/24 10:10**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Fluorene	ND	0.00500	mg/kg	1	BHF0320	06/12/24	06/12/24	EPA 8270D SIM	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **06/06/24 10:10**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 2-Methylnaphthalene-d10	0.0202	60.5 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0199	59.6 %	40-150		"	"	"	"	

**Total Metals by EPA 6020B**

Date Sampled: **06/06/24 10:10**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Arsenic	<b>4.82</b>	0.200	mg/kg dry	1	BHF0335	06/12/24	06/15/24	EPA 6020B	

Summit Scientific

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

Project: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

**SS13@9**  
**2406115-01 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

Barium	233	0.400	mg/kg dry	1	BHF0335	06/12/24	06/15/24	EPA 6020B
Cadmium	0.413	0.200	"	"	"	"	"	"
Lead	6.91	0.200	"	"	"	"	"	"

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

Date Sampled: **06/06/24 10:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	359	0.0500	mg/L dry	1	BHF0346	06/12/24	06/13/24	EPA 6020B	
Magnesium	162	0.0500	"	"	"	"	"	"	
Sodium	1120	0.0500	"	"	"	"	"	"	

**Calculated Analysis**

Date Sampled: **06/06/24 10:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	12.3	0.00100	units	1	BHF0428	06/14/24	06/14/24	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **06/06/24 10:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	82.5		%	1	BHF0308	06/11/24	06/12/24	Calculation	

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **06/06/24 10:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	9.54	0.0100	mmhos/cm	1	BHF0347	06/12/24	06/13/24	EPA 120.1	

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

Summit Scientific

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

Project: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

**SS13@9**  
**2406115-01 (Soil)**

**Summit Scientific**

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

Date Sampled: **06/06/24 10:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>pH</b>	<b>8.00</b>			pH Units	1	BHF0348	06/12/24	06/13/24	EPA 9045D	

Summit Scientific

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

Project: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

**SS14@4.5**  
**2406115-02 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **06/06/24 10:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BHF0329	06/12/24	06/12/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **06/06/24 10:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0413	103 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0388	97.1 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0375	93.8 %	50-150		"	"	"	"	

**PAH by EPA Method 8270D SIM**

Date Sampled: **06/06/24 10:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Fluorene	ND	0.00500	mg/kg	1	BHF0320	06/12/24	06/12/24	EPA 8270D SIM	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **06/06/24 10:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 2-Methylnaphthalene-d10	0.0235	70.4 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0223	67.0 %	40-150		"	"	"	"	

**Total Metals by EPA 6020B**

Date Sampled: **06/06/24 10:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Arsenic	3.94	0.200	mg/kg dry	1	BHF0335	06/12/24	06/15/24	EPA 6020B	
Barium	341	0.400	"	"	"	"	"	"	

Summit Scientific

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

Project: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

**SS14@4.5**  
**2406115-02 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

Cadmium	0.422	0.200	mg/kg dry	1	BHF0335	06/12/24	06/15/24	EPA 6020B
Lead	13.4	0.200	"	"	"	"	"	"

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

Date Sampled: **06/06/24 10:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	327	0.0500	mg/L dry	1	BHF0346	06/12/24	06/13/24	EPA 6020B	
Magnesium	75.8	0.0500	"	"	"	"	"	"	
Sodium	470	0.0500	"	"	"	"	"	"	

**Calculated Analysis**

Date Sampled: **06/06/24 10:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	6.09	0.00100	units	1	BHF0428	06/14/24	06/14/24	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **06/06/24 10:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	89.6		%	1	BHF0308	06/11/24	06/12/24	Calculation	

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **06/06/24 10:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	5.93	0.0100	mmhos/cm	1	BHF0347	06/12/24	06/13/24	EPA 120.1	

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

Summit Scientific

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

Project: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

**SS14@4.5**  
**2406115-02 (Soil)**

**Summit Scientific**

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

Date Sampled: **06/06/24 10:20**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>pH</b>	<b>7.93</b>			pH Units	1	BHF0348	06/12/24	06/13/24	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: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

**SS14@4.5**  
**2406115-02RE1 (Soil)**

**Summit Scientific**

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

Date Sampled: **06/06/24 10:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	330	0.0500	mg/L dry	1	BHF0977	06/12/24	07/03/24	EPA 6020B	
Magnesium	62.7	0.0500	"	"	"	"	"	"	
Sodium	435	0.0500	"	"	"	"	"	"	

**Calculated Analysis**

Date Sampled: **06/06/24 10:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Sodium Adsorption Ratio	5.75	0.00100	units	1	BHG0109	06/14/24	07/03/24	Calculation	

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **06/06/24 10:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Specific Conductance (EC)	5.04	0.0100	mmhos/cm	1	BHG0031	07/01/24	07/02/24	EPA 120.1	

Summit Scientific

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

Project: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

**SS15@3**  
**2406115-03 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **06/06/24 10:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BHF0329	06/12/24	06/12/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **06/06/24 10:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0414	103 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0387	96.7 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0382	95.4 %	50-150		"	"	"	"	

**PAH by EPA Method 8270D SIM**

Date Sampled: **06/06/24 10:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Fluorene	ND	0.00500	mg/kg	1	BHF0320	06/12/24	06/12/24	EPA 8270D SIM	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **06/06/24 10:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 2-Methylnaphthalene-d10	0.0203	60.9 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0203	60.8 %	40-150		"	"	"	"	

**Total Metals by EPA 6020B**

Date Sampled: **06/06/24 10:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Arsenic	5.17	0.200	mg/kg dry	1	BHF0335	06/12/24	06/15/24	EPA 6020B	
Barium	341	0.400	"	"	"	"	"	"	

Summit Scientific

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

Project: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

**SS15@3**  
**2406115-03 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

Cadmium	0.440	0.200	mg/kg dry	1	BHF0335	06/12/24	06/15/24	EPA 6020B
Lead	13.0	0.200	"	"	"	"	"	"

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

Date Sampled: **06/06/24 10:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	72.5	0.0500	mg/L dry	1	BHF0346	06/12/24	06/13/24	EPA 6020B	
Magnesium	14.4	0.0500	"	"	"	"	"	"	
Sodium	275	0.0500	"	"	"	"	"	"	

**Calculated Analysis**

Date Sampled: **06/06/24 10:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	7.72	0.00100	units	1	BHF0428	06/14/24	06/14/24	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **06/06/24 10:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	91.1		%	1	BHF0308	06/11/24	06/12/24	Calculation	

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **06/06/24 10:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	2.19	0.0100	mmhos/cm	1	BHF0347	06/12/24	06/13/24	EPA 120.1	

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

Summit Scientific

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

Project: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

**SS15@3**  
**2406115-03 (Soil)**

**Summit Scientific**

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

Date Sampled: **06/06/24 10:30**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>pH</b>	<b>8.29</b>			pH Units	1	BHF0348	06/12/24	06/13/24	EPA 9045D	

Summit Scientific

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

Project: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

**SS15@3**  
**2406115-03RE1 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

Date Sampled: **06/06/24 10:30**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Arsenic	0.754	0.200		mg/kg dry	1	BHG0027	07/01/24	07/02/24	EPA 6020B	

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

Date Sampled: **06/06/24 10:30**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Calcium	73.6	0.0500		mg/L dry	1	BHF0977	06/12/24	07/03/24	EPA 6020B	
Magnesium	5.90	0.0500		"	"	"	"	"	"	
Sodium	184	0.0500		"	"	"	"	"	"	

**Calculated Analysis**

Date Sampled: **06/06/24 10:30**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Sodium Adsorption Ratio	5.55	0.00100		units	1	BHG0109	06/14/24	07/03/24	Calculation	

Summit Scientific

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

Project: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

**SS16@4**  
**2406115-04 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **06/06/24 10:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BHF0329	06/12/24	06/12/24	EPA 8260B	
<b>Toluene</b>	<b>0.0059</b>	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **06/06/24 10:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0423	106 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0392	98.0 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0383	95.7 %	50-150		"	"	"	"	

**PAH by EPA Method 8270D SIM**

Date Sampled: **06/06/24 10:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Fluorene	ND	0.00500	mg/kg	1	BHF0320	06/12/24	06/12/24	EPA 8270D SIM	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **06/06/24 10:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 2-Methylnaphthalene-d10	0.0227	68.0 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0225	67.6 %	40-150		"	"	"	"	

**Total Metals by EPA 6020B**

Date Sampled: **06/06/24 10:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<b>Arsenic</b>	<b>4.04</b>	0.200	mg/kg dry	1	BHF0335	06/12/24	06/15/24	EPA 6020B	
<b>Barium</b>	<b>273</b>	0.400	"	"	"	"	"	"	

Summit Scientific

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

Project: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

**SS16@4**  
**2406115-04 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

Cadmium	0.414	0.200	mg/kg dry	1	BHF0335	06/12/24	06/15/24	EPA 6020B
Lead	12.7	0.200	"	"	"	"	"	"

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

Date Sampled: **06/06/24 10:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	35.8	0.0500	mg/L dry	1	BHF0346	06/12/24	06/13/24	EPA 6020B	
Magnesium	6.19	0.0500	"	"	"	"	"	"	
Sodium	175	0.0500	"	"	"	"	"	"	

**Calculated Analysis**

Date Sampled: **06/06/24 10:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	7.10	0.00100	units	1	BHF0428	06/14/24	06/14/24	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **06/06/24 10:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	93.6		%	1	BHF0308	06/11/24	06/12/24	Calculation	

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **06/06/24 10:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	1.31	0.0100	mmhos/cm	1	BHF0347	06/12/24	06/13/24	EPA 120.1	

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

Summit Scientific

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

Project: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

**SS16@4**  
**2406115-04 (Soil)**

**Summit Scientific**

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

Date Sampled: **06/06/24 10:40**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>pH</b>	<b>8.84</b>			pH Units	1	BHF0348	06/12/24	06/13/24	EPA 9045D	

Summit Scientific

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

Project: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

**SS16@4**  
**2406115-04RE1 (Soil)**

**Summit Scientific**

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

Date Sampled: **06/06/24 10:40**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	68.7	0.0500	mg/L dry	1	BHF0977	06/12/24	07/03/24	EPA 6020B	
Magnesium	2.89	0.0500	"	"	"	"	"	"	
Sodium	136	0.0500	"	"	"	"	"	"	

**Calculated Analysis**

Date Sampled: **06/06/24 10:40**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Sodium Adsorption Ratio	4.37	0.00100	units	1	BHG0109	06/14/24	07/03/24	Calculation	

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

Project: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

**SS17@4**  
**2406115-05 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **06/06/24 10:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BHF0329	06/12/24	06/12/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **06/06/24 10:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0426	106 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0392	98.0 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0400	99.9 %	50-150		"	"	"	"	

**PAH by EPA Method 8270D SIM**

Date Sampled: **06/06/24 10:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Fluorene	ND	0.00500	mg/kg	1	BHF0320	06/12/24	06/12/24	EPA 8270D SIM	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **06/06/24 10:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 2-Methylnaphthalene-d10	0.0227	68.2 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0217	65.0 %	40-150		"	"	"	"	

**Total Metals by EPA 6020B**

Date Sampled: **06/06/24 10:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Arsenic	4.52	0.200	mg/kg dry	1	BHF0335	06/12/24	06/15/24	EPA 6020B	
Barium	264	0.400	"	"	"	"	"	"	

Summit Scientific

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

Project: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

**SS17@4**  
**2406115-05 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

Cadmium	0.431	0.200	mg/kg dry	1	BHF0335	06/12/24	06/15/24	EPA 6020B
Lead	11.7	0.200	"	"	"	"	"	"

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

Date Sampled: **06/06/24 10:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	93.1	0.0500	mg/L dry	1	BHF0346	06/12/24	06/13/24	EPA 6020B	
Magnesium	7.88	0.0500	"	"	"	"	"	"	
Sodium	195	0.0500	"	"	"	"	"	"	

**Calculated Analysis**

Date Sampled: **06/06/24 10:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	5.21	0.00100	units	1	BHF0428	06/14/24	06/14/24	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **06/06/24 10:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	93.4		%	1	BHF0308	06/11/24	06/12/24	Calculation	

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **06/06/24 10:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	1.25	0.0100	mmhos/cm	1	BHF0347	06/12/24	06/13/24	EPA 120.1	

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

Summit Scientific

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

Project: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

**SS17@4**  
**2406115-05 (Soil)**

**Summit Scientific**

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

Date Sampled: **06/06/24 10:50**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>pH</b>	<b>8.80</b>			pH Units	1	BHF0348	06/12/24	06/13/24	EPA 9045D	

Summit Scientific

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

Project: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

**SS17@4**  
**2406115-05RE1 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

Date Sampled: **06/06/24 10:50**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Arsenic	<b>0.630</b>	0.200		mg/kg dry	1	BHG0027	07/01/24	07/02/24	EPA 6020B	

Summit Scientific

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

Project: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

**SS18@4**  
**2406115-06 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **06/06/24 11:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BHF0329	06/12/24	06/12/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **06/06/24 11:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0389	97.2 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0390	97.5 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0373	93.2 %	50-150		"	"	"	"	

**PAH by EPA Method 8270D SIM**

Date Sampled: **06/06/24 11:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Fluorene	ND	0.00500	mg/kg	1	BHF0320	06/12/24	06/12/24	EPA 8270D SIM	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **06/06/24 11:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 2-Methylnaphthalene-d10	0.0200	60.0 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0203	60.8 %	40-150		"	"	"	"	

**Total Metals by EPA 6020B**

Date Sampled: **06/06/24 11:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Arsenic	4.49	0.200	mg/kg dry	1	BHF0335	06/12/24	06/15/24	EPA 6020B	
Barium	303	0.400	"	"	"	"	"	"	

Summit Scientific

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

Project: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

**SS18@4**  
**2406115-06 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

Cadmium	0.439	0.200	mg/kg dry	1	BHF0335	06/12/24	06/15/24	EPA 6020B
Lead	10.6	0.200	"	"	"	"	"	"

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

Date Sampled: **06/06/24 11:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	180	0.0500	mg/L dry	1	BHF0346	06/12/24	06/13/24	EPA 6020B	
Magnesium	7.11	0.0500	"	"	"	"	"	"	
Sodium	83.5	0.0500	"	"	"	"	"	"	

**Calculated Analysis**

Date Sampled: **06/06/24 11:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	1.66	0.00100	units	1	BHF0428	06/14/24	06/14/24	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **06/06/24 11:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	92.0		%	1	BHF0308	06/11/24	06/12/24	Calculation	

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **06/06/24 11:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.520	0.0100	mmhos/cm	1	BHF0347	06/12/24	06/13/24	EPA 120.1	

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

Summit Scientific

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

Project: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

**SS18@4**  
**2406115-06 (Soil)**

**Summit Scientific**

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

Date Sampled: 06/06/24 11:00									
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.96		pH Units	1	BHF0348	06/12/24	06/13/24	EPA 9045D	

Summit Scientific

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

Project: Razor 26 GL

Project Number: [none]

Project Manager: Ryan Finley

**Reported:**

08/19/24 09:01

**SS18@4**

**2406115-06RE1 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

Date Sampled: **06/06/24 11:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Arsenic	<b>0.599</b>	0.200		mg/kg dry	1	BHG0027	07/01/24	07/02/24	EPA 6020B	

Summit Scientific

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

Project: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

**SS19@4**  
**2406115-07 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **06/06/24 11:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BHF0329	06/12/24	06/13/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **06/06/24 11:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0404	101 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0382	95.5 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0374	93.6 %	50-150		"	"	"	"	

**PAH by EPA Method 8270D SIM**

Date Sampled: **06/06/24 11:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Fluorene	ND	0.00500	mg/kg	1	BHF0320	06/12/24	06/13/24	EPA 8270D SIM	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **06/06/24 11:10**

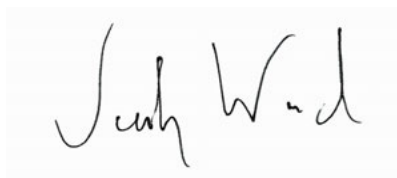
Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 2-Methylnaphthalene-d10	0.0178	53.5 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0188	56.3 %	40-150		"	"	"	"	

**Total Metals by EPA 6020B**

Date Sampled: **06/06/24 11:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Arsenic	4.41	0.200	mg/kg dry	1	BHF0335	06/12/24	06/15/24	EPA 6020B	
Barium	328	0.400	"	"	"	"	"	"	

Summit Scientific



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

Project: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

**SS19@4**  
**2406115-07 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

Cadmium	0.451	0.200	mg/kg dry	1	BHF0335	06/12/24	06/15/24	EPA 6020B
Lead	14.5	0.200	"	"	"	"	"	"

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

Date Sampled: **06/06/24 11:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	110	0.0500	mg/L dry	1	BHF0346	06/12/24	06/13/24	EPA 6020B	
Magnesium	5.99	0.0500	"	"	"	"	"	"	
Sodium	129	0.0500	"	"	"	"	"	"	

**Calculated Analysis**

Date Sampled: **06/06/24 11:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	3.24	0.00100	units	1	BHF0428	06/14/24	06/14/24	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **06/06/24 11:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	90.3		%	1	BHF0308	06/11/24	06/12/24	Calculation	

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **06/06/24 11:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.825	0.0100	mmhos/cm	1	BHF0347	06/12/24	06/13/24	EPA 120.1	

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

Summit Scientific

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

Project: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

**SS19@4**  
**2406115-07 (Soil)**

**Summit Scientific**

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

Date Sampled: **06/06/24 11:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>pH</b>	<b>9.08</b>			pH Units	1	BHF0348	06/12/24	06/13/24	EPA 9045D	

Summit Scientific

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

Project: Razor 26 GL

Project Number: [none]

Project Manager: Ryan Finley

**Reported:**

08/19/24 09:01

**SS19@4**

**2406115-07RE1 (Soil)**

**Summit Scientific**

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

Date Sampled: **06/06/24 11:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>pH</b>	<b>8.63</b>			pH Units	1	BHG0035	06/12/24	07/02/24	EPA 9045D	

Summit Scientific

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

Project: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

**SS20@3**  
**2406115-08 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **06/06/24 11:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BHF0329	06/12/24	06/13/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **06/06/24 11:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0405	101 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0381	95.2 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0368	92.0 %	50-150		"	"	"	"	

**PAH by EPA Method 8270D SIM**

Date Sampled: **06/06/24 11:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Fluorene	ND	0.00500	mg/kg	1	BHF0320	06/12/24	06/13/24	EPA 8270D SIM	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **06/06/24 11:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 2-Methylnaphthalene-d10	0.0177	53.2 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0173	51.9 %	40-150		"	"	"	"	

**Total Metals by EPA 6020B**

Date Sampled: **06/06/24 11:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Arsenic	5.61	0.200	mg/kg dry	1	BHF0335	06/12/24	06/15/24	EPA 6020B	
Barium	297	0.400	"	"	"	"	"	"	

Summit Scientific

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

Project: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

**SS20@3**  
**2406115-08 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

Cadmium	0.401	0.200	mg/kg dry	1	BHF0335	06/12/24	06/15/24	EPA 6020B
Lead	10.8	0.200	"	"	"	"	"	"

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

Date Sampled: **06/06/24 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	66.9	0.0500	mg/L dry	1	BHF0346	06/12/24	06/13/24	EPA 6020B	
Magnesium	7.15	0.0500	"	"	"	"	"	"	
Sodium	166	0.0500	"	"	"	"	"	"	

**Calculated Analysis**

Date Sampled: **06/06/24 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	5.15	0.00100	units	1	BHF0428	06/14/24	06/14/24	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **06/06/24 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	85.3		%	1	BHF0308	06/11/24	06/12/24	Calculation	

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **06/06/24 11:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	1.08	0.0100	mmhos/cm	1	BHF0347	06/12/24	06/13/24	EPA 120.1	

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

Summit Scientific

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

Project: Razor 26 GL

Project Number: [none]

Project Manager: Ryan Finley

**Reported:**

08/19/24 09:01

**SS20@3**

**2406115-08 (Soil)**

**Summit Scientific**

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

Date Sampled: **06/06/24 11:20**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>pH</b>	<b>8.82</b>			pH Units	1	BHF0348	06/12/24	06/13/24	EPA 9045D	

Summit Scientific

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

Project: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

**SS20@3**  
**2406115-08RE1 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

Date Sampled: **06/06/24 11:20**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Arsenic	<b>0.974</b>	0.200		mg/kg dry	1	BHG0027	07/01/24	07/02/24	EPA 6020B	

Summit Scientific

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

Project: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

**SS21@6**  
**2406115-09 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **06/06/24 11:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BHF0329	06/12/24	06/13/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **06/06/24 11:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0427	107 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0384	96.0 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0373	93.3 %	50-150		"	"	"	"	

**PAH by EPA Method 8270D SIM**

Date Sampled: **06/06/24 11:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Fluorene	ND	0.00500	mg/kg	1	BHF0320	06/12/24	06/13/24	EPA 8270D SIM	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **06/06/24 11:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 2-Methylnaphthalene-d10	0.0235	70.6 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0227	68.0 %	40-150		"	"	"	"	

**Total Metals by EPA 6020B**

Date Sampled: **06/06/24 11:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Arsenic	<b>8.08</b>	0.200	mg/kg dry	1	BHF0335	06/12/24	06/15/24	EPA 6020B	
Barium	<b>280</b>	0.400	"	"	"	"	"	"	

Summit Scientific

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

Project: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

**SS21@6**  
**2406115-09 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

Cadmium	0.462	0.200	mg/kg dry	1	BHF0335	06/12/24	06/15/24	EPA 6020B
Lead	10.1	0.200	"	"	"	"	"	"

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

Date Sampled: **06/06/24 11:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	47.2	0.0500	mg/L dry	1	BHF0346	06/12/24	06/13/24	EPA 6020B	
Magnesium	6.88	0.0500	"	"	"	"	"	"	
Sodium	229	0.0500	"	"	"	"	"	"	

**Calculated Analysis**

Date Sampled: **06/06/24 11:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	8.24	0.00100	units	1	BHF0428	06/14/24	06/14/24	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **06/06/24 11:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	91.8		%	1	BHF0308	06/11/24	06/12/24	Calculation	

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **06/06/24 11:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	1.41	0.0100	mmhos/cm	1	BHF0347	06/12/24	06/13/24	EPA 120.1	

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

Summit Scientific

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

Project: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

**SS21@6**  
**2406115-09 (Soil)**

**Summit Scientific**

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

Date Sampled: **06/06/24 11:30**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>pH</b>	<b>8.84</b>			pH Units	1	BHF0348	06/12/24	06/13/24	EPA 9045D	

Summit Scientific

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

Project: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

**SS22@6**  
**2406115-10 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **06/06/24 11:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BHF0329	06/12/24	06/13/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **06/06/24 11:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0421	105 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0389	97.4 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0375	93.8 %	50-150		"	"	"	"	

**PAH by EPA Method 8270D SIM**

Date Sampled: **06/06/24 11:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Fluorene	ND	0.00500	mg/kg	1	BHF0320	06/12/24	06/13/24	EPA 8270D SIM	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **06/06/24 11:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 2-Methylnaphthalene-d10	0.0184	55.2 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0188	56.5 %	40-150		"	"	"	"	

**Total Metals by EPA 6020B**

Date Sampled: **06/06/24 11:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Arsenic	4.49	0.200	mg/kg dry	1	BHF0335	06/12/24	06/15/24	EPA 6020B	
Barium	302	0.400	"	"	"	"	"	"	

Summit Scientific

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

Project: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

**SS22@6**  
**2406115-10 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

Cadmium	0.494	0.200	mg/kg dry	1	BHF0335	06/12/24	06/15/24	EPA 6020B
Lead	16.0	0.200	"	"	"	"	"	"

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

Date Sampled: **06/06/24 11:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	65.5	0.0500	mg/L dry	1	BHF0346	06/12/24	06/13/24	EPA 6020B	
Magnesium	9.68	0.0500	"	"	"	"	"	"	
Sodium	87.0	0.0500	"	"	"	"	"	"	

**Calculated Analysis**

Date Sampled: **06/06/24 11:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	2.65	0.00100	units	1	BHF0428	06/14/24	06/14/24	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **06/06/24 11:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	90.4		%	1	BHF0308	06/11/24	06/12/24	Calculation	

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **06/06/24 11:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.923	0.0100	mmhos/cm	1	BHF0347	06/12/24	06/13/24	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: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

**SS22@6**  
**2406115-10 (Soil)**

**Summit Scientific**

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

Date Sampled: **06/06/24 11:40**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>pH</b>	<b>7.47</b>			pH Units	1	BHF0348	06/12/24	06/13/24	EPA 9045D	

Summit Scientific

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

Project: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

**SS22@6**  
**2406115-10RE1 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

Date Sampled: **06/06/24 11:40**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Arsenic	<b>0.643</b>	0.200		mg/kg dry	1	BHG0027	07/01/24	07/02/24	EPA 6020B	

Summit Scientific

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

Project: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### Summit Scientific

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

#### Batch BHF0329 - EPA 5030 Soil MS

##### Blank (BHF0329-BLK1)

Prepared & Analyzed: 06/12/24

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Surrogate: 1,2-Dichloroethane-d4	0.0396		"	0.0400		99.0	50-150			
Surrogate: Toluene-d8	0.0387		"	0.0400		96.7	50-150			
Surrogate: 4-Bromofluorobenzene	0.0372		"	0.0400		92.9	50-150			

##### LCS (BHF0329-BS1)

Prepared & Analyzed: 06/12/24

Benzene	0.112	0.0020	mg/kg	0.100		112	70-130			
Toluene	0.123	0.0050	"	0.100		123	70-130			
Ethylbenzene	0.124	0.0050	"	0.100		124	70-130			
m,p-Xylene	0.242	0.010	"	0.200		121	70-130			
o-Xylene	0.123	0.0050	"	0.100		123	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0378		"	0.0400		94.6	50-150			
Surrogate: Toluene-d8	0.0387		"	0.0400		96.8	50-150			
Surrogate: 4-Bromofluorobenzene	0.0386		"	0.0400		96.6	50-150			

##### Matrix Spike (BHF0329-MS1)

Source: 2406115-01

Prepared & Analyzed: 06/12/24

Benzene	0.106	0.0020	mg/kg	0.100	ND	106	70-130			
Toluene	0.116	0.0050	"	0.100	ND	116	70-130			
Ethylbenzene	0.118	0.0050	"	0.100	ND	118	70-130			
m,p-Xylene	0.228	0.010	"	0.200	ND	114	70-130			
o-Xylene	0.119	0.0050	"	0.100	ND	119	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0395		"	0.0400		98.7	50-150			
Surrogate: Toluene-d8	0.0384		"	0.0400		95.9	50-150			
Surrogate: 4-Bromofluorobenzene	0.0383		"	0.0400		95.8	50-150			

Summit Scientific

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

Project: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**Summit Scientific**

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

**Batch BHF0329 - EPA 5030 Soil MS**

Matrix Spike Dup (BHF0329-MSD1)	Source: 2406115-01			Prepared & Analyzed: 06/12/24						
Benzene	0.114	0.0020	mg/kg	0.100	ND	114	70-130	7.13	30	
Toluene	0.125	0.0050	"	0.100	ND	125	70-130	7.12	30	
Ethylbenzene	0.125	0.0050	"	0.100	ND	125	70-130	6.18	30	
m,p-Xylene	0.237	0.010	"	0.200	ND	119	70-130	4.14	30	
o-Xylene	0.125	0.0050	"	0.100	ND	125	70-130	4.93	30	
Surrogate: 1,2-Dichloroethane-d4	0.0392		"	0.0400		98.0	50-150			
Surrogate: Toluene-d8	0.0394		"	0.0400		98.6	50-150			
Surrogate: 4-Bromofluorobenzene	0.0387		"	0.0400		96.8	50-150			

Summit Scientific

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

Project: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

**PAH by EPA Method 8270D SIM - Quality Control**  
**Summit Scientific**

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

**Batch BHF0320 - EPA 5030 Soil MS**

**Blank (BHF0320-BLK1)**

Prepared & Analyzed: 06/12/24

Fluorene	ND	0.00500	mg/kg							
1-Methylnaphthalene	ND	0.00500	"							
Surrogate: 2-Methylnaphthalene-d10	0.0320		"	0.0333		96.0	40-150			
Surrogate: Fluoranthene-d10	0.0295		"	0.0333		88.4	40-150			

**LCS (BHF0320-BS1)**

Prepared & Analyzed: 06/12/24

Fluorene	0.0286	0.00500	mg/kg	0.0333		85.9	30-120			
1-Methylnaphthalene	0.0288	0.00500	"	0.0333		86.3	35-142			
Surrogate: 2-Methylnaphthalene-d10	0.0306		"	0.0333		91.8	40-150			
Surrogate: Fluoranthene-d10	0.0284		"	0.0333		85.3	40-150			

**Matrix Spike (BHF0320-MS1)**

Source: 2406115-01

Prepared & Analyzed: 06/12/24

Fluorene	0.0182	0.00500	mg/kg	0.0333	ND	54.5	30-120			
1-Methylnaphthalene	0.0188	0.00500	"	0.0333	ND	56.5	15-130			
Surrogate: 2-Methylnaphthalene-d10	0.0200		"	0.0333		60.0	40-150			
Surrogate: Fluoranthene-d10	0.0196		"	0.0333		58.7	40-150			

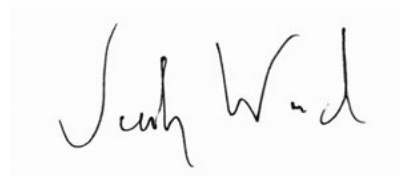
**Matrix Spike Dup (BHF0320-MSD1)**

Source: 2406115-01

Prepared & Analyzed: 06/12/24

Fluorene	0.0189	0.00500	mg/kg	0.0333	ND	56.7	30-120	3.98	30	
1-Methylnaphthalene	0.0183	0.00500	"	0.0333	ND	54.9	15-130	2.80	50	
Surrogate: 2-Methylnaphthalene-d10	0.0194		"	0.0333		58.2	40-150			
Surrogate: Fluoranthene-d10	0.0200		"	0.0333		60.0	40-150			

Summit Scientific



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

Project: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

**Total Metals by EPA 6020B - Quality Control**  
**Summit Scientific**

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

**Batch BHF0335 - EPA 3050B**

**Blank (BHF0335-BLK1)**

Prepared: 06/12/24 Analyzed: 06/15/24

Arsenic	ND	0.200	mg/kg wet
Barium	ND	0.400	"
Cadmium	ND	0.200	"
Lead	ND	0.200	"

**LCS (BHF0335-BS1)**

Prepared: 06/12/24 Analyzed: 06/15/24

Arsenic	36.6	0.200	mg/kg wet	40.0	91.5	80-120
Barium	39.1	0.400	"	40.0	97.8	80-120
Cadmium	1.94	0.200	"	2.00	96.8	80-120
Lead	19.9	0.200	"	20.0	99.4	80-120

**Duplicate (BHF0335-DUP1)**

Source: 2406115-01

Prepared: 06/12/24 Analyzed: 06/15/24

Arsenic	4.80	0.200	mg/kg dry	4.82	0.376	20
Barium	231	0.400	"	233	0.661	20
Cadmium	0.438	0.200	"	0.413	5.94	20
Lead	7.01	0.200	"	6.91	1.35	20

**Matrix Spike (BHF0335-MS1)**

Source: 2406115-01

Prepared: 06/12/24 Analyzed: 06/15/24

Arsenic	49.1	0.200	mg/kg dry	47.0	4.82	94.2	75-125
Barium	248	0.400	"	47.0	233	31.7	75-125
Cadmium	2.83	0.200	"	2.35	0.413	103	75-125
Lead	27.4	0.200	"	23.5	6.91	87.1	75-125

QM-07

**Matrix Spike Dup (BHF0335-MSD1)**

Source: 2406115-01

Prepared: 06/12/24 Analyzed: 06/15/24

Arsenic	48.4	0.200	mg/kg dry	47.4	4.82	92.0	75-125	1.49	25
Barium	270	0.400	"	47.4	233	78.4	75-125	8.59	25
Cadmium	2.70	0.200	"	2.37	0.413	96.8	75-125	4.37	25
Lead	27.3	0.200	"	23.7	6.91	86.2	75-125	0.248	25

Summit Scientific

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

Project: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

**Total Metals by EPA 6020B - Quality Control**  
**Summit Scientific**

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

**Batch BHF0335 - EPA 3050B**

**Post Spike (BHF0335-PS1)**

Source: 2406115-01

Prepared: 06/12/24 Analyzed: 06/15/24

Arsenic	113		ug/l	100	10.3	102	75-125			
Barium	597		"	100	500	97.4	75-125			
Cadmium	6.13		"	5.00	0.885	105	75-125			
Lead	60.6		"	50.0	14.8	91.6	75-125			

**Batch BHG0027 - EPA 3050B**

**Blank (BHG0027-BLK1)**

Prepared: 07/01/24 Analyzed: 07/02/24

Arsenic	ND	0.200	mg/kg wet							
Barium	ND	0.400	"							
Cadmium	ND	0.200	"							
Lead	ND	0.200	"							

**LCS (BHG0027-BS1)**

Prepared: 07/01/24 Analyzed: 07/02/24

Arsenic	40.4	0.200	mg/kg wet	40.0		101	80-120			
Barium	38.2	0.400	"	40.0		95.6	80-120			
Cadmium	1.90	0.200	"	2.00		95.2	80-120			
Lead	19.8	0.200	"	20.0		99.2	80-120			

**Duplicate (BHG0027-DUP1)**

Source: 2404075-01RE1

Prepared: 07/01/24 Analyzed: 07/02/24

Arsenic	0.681	0.200	mg/kg wet		0.767			11.8	20	
Barium	10.6	0.400	"		8.40			22.8	20	QR-04
Cadmium	0.147	0.200	"		0.133			10.1	20	
Lead	10.6	0.200	"		10.1			4.87	20	

**Matrix Spike (BHG0027-MS1)**

Source: 2404075-01RE1

Prepared: 07/01/24 Analyzed: 07/02/24

Arsenic	5.87	0.200	mg/kg wet	37.0	0.767	13.8	75-125			QM-05
Barium	24.3	0.400	"	37.0	8.40	43.0	75-125			QM-05
Cadmium	1.87	0.200	"	1.85	0.133	93.8	75-125			
Lead	24.7	0.200	"	18.5	10.1	79.2	75-125			

Summit Scientific

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

Project: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

**Total Metals by EPA 6020B - Quality Control**  
**Summit Scientific**

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

**Batch BHG0027 - EPA 3050B**

Matrix Spike Dup (BHG0027-MSD1)		Source: 2404075-01RE1			Prepared: 07/01/24 Analyzed: 07/02/24					
Arsenic	5.61	0.180	mg/kg wet	36.0	0.767	13.5	75-125	4.52	25	QM-05
Barium	12.6	0.360	"	36.0	8.40	11.7	75-125	63.5	25	QM-05
Cadmium	1.76	0.180	"	1.80	0.133	90.7	75-125	5.87	25	
Lead	22.8	0.180	"	18.0	10.1	70.6	75-125	8.30	25	QM-07

Summit Scientific

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

Project: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

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

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

**Batch BHF0346 - General Preparation**

**Blank (BHF0346-BLK1)**

Prepared: 06/12/24 Analyzed: 06/13/24

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

**LCS (BHF0346-BS1)**

Prepared: 06/12/24 Analyzed: 06/13/24

Calcium	5.76	0.0500	mg/L wet	5.00	115	70-130
Magnesium	5.38	0.0500	"	5.00	108	70-130
Sodium	5.36	0.0500	"	5.00	107	70-130

**Batch BHF0977 - General Preparation**

**Blank (BHF0977-BLK1)**

Prepared: 06/28/24 Analyzed: 07/03/24

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

**LCS (BHF0977-BS1)**

Prepared: 06/28/24 Analyzed: 07/03/24

Calcium	5.08	0.0500	mg/L wet	5.00	102	70-130
Magnesium	5.13	0.0500	"	5.00	103	70-130
Sodium	4.98	0.0500	"	5.00	99.6	70-130

Summit Scientific

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

Project: Razor 26 GL

Project Number: [none]

Project Manager: Ryan Finley

**Reported:**

08/19/24 09:01

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

**Summit Scientific**

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

**Batch BHF0308 - General Preparation**

Duplicate (BHF0308-DUP2)		Source: 2406113-01			Prepared: 06/11/24 Analyzed: 06/12/24					
% Solids	87.8		%		87.1			0.868	20	

Summit Scientific

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

Project: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

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

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

**Batch BHF0347 - General Preparation**

**Blank (BHF0347-BLK1)**

Prepared: 06/12/24 Analyzed: 06/13/24

Specific Conductance (EC) ND 0.0100 mmhos/cm

**LCS (BHF0347-BS1)**

Prepared: 06/12/24 Analyzed: 06/13/24

Specific Conductance (EC) 0.154 0.0100 mmhos/cm 0.150 103 95-105

**Duplicate (BHF0347-DUP1)**

**Source: 2406103-01**

Prepared: 06/12/24 Analyzed: 06/13/24

Specific Conductance (EC) 0.165 0.0100 mmhos/cm 0.166 0.422 20

**Batch BHG0031 - General Preparation**

**Blank (BHG0031-BLK1)**

Prepared: 07/01/24 Analyzed: 07/02/24

Specific Conductance (EC) ND 0.0100 mmhos/cm

**LCS (BHG0031-BS1)**

Prepared: 07/01/24 Analyzed: 07/02/24

Specific Conductance (EC) 0.155 0.0100 mmhos/cm 0.150 103 95-105

**Duplicate (BHG0031-DUP1)**

**Source: 2406115-02RE1**

Prepared: 07/01/24 Analyzed: 07/02/24

Specific Conductance (EC) 5.02 0.0100 mmhos/cm 5.04 0.358 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: Razor 26 GL

Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

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

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

**Batch BHF0348 - General Preparation**

**LCS (BHF0348-BS1)**

Prepared: 06/12/24 Analyzed: 06/13/24

pH	9.15		pH Units	9.18		99.7	95-105		
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**Duplicate (BHF0348-DUP1)**

**Source: 2406103-01**

Prepared: 06/12/24 Analyzed: 06/13/24

pH	9.06		pH Units		9.11			0.550	20
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**Batch BHG0035 - General Preparation**

**LCS (BHG0035-BS1)**

Prepared: 07/01/24 Analyzed: 07/02/24

pH	9.24		pH Units	9.18		101	95-105		
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**Duplicate (BHG0035-DUP1)**

**Source: 2404199-10RE1**

Prepared: 07/01/24 Analyzed: 07/02/24

pH	8.70		pH Units		8.71			0.115	20
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Summit Scientific

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

Project: Razor 26 GL  
Project Number: [none]  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 09:01

### Notes and Definitions

QR-04	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The associated LCS and/or LCSD were within acceptance limits, therefore the data are considered valid.
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

# Summit Scientific

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4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

August 19, 2024

Ryan Finley

Entrada Consulting Group

240 Mesa Avenue

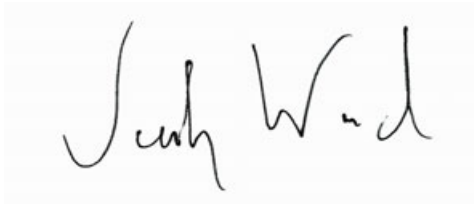
Grand Junction., CO 81501

RE: Razor GL 2024 Release-1

Work Order #2407250

Enclosed are the results of analyses for samples received by Summit Scientific on 07/19/24 17:04. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Jacob Wood". The signature is written in a cursive, flowing style.

Jacob Wood For Paul Shrewsbury

President



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

Project: Razor GL 2024 Release-1  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 08:48

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS21@6.5	2407250-01	Soil	07/18/24 14:30	07/19/24 17:04
SS23@11	2407250-02	Soil	07/18/24 14:40	07/19/24 17:04
SS24@6	2407250-03	Soil	07/18/24 14:50	07/19/24 17:04
SS25@6	2407250-04	Soil	07/18/24 15:00	07/19/24 17:04

#### Case Narrative

Reported analytes have been corrected to match COC on 8/19/2024.

This is a revision of the report originally sent on 7/25/2024 at 13:13 MT.

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.*



Client: Tallgrass/Entrada Consulting		Send Data To:		Send Invoice To:	
Address: ON File		Project Manager: Ryan Finley		Company: Entrada	
City/State/Zip:		E-Mail: Rfinley@entradainc.com		Project Name/Location: Razor GL 2024 Release	
Phone: 303-907-0635		Project Name: Razor GL 2024 Release		AFE#:	
Sampler Name: Ryan Finley		Project Number: 024-131		PO/Billing Codes: 024-131	
				Contact: Stuart Hall	

ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix		Air-Canister #	Other	Analysis Requested							Special Instructions
					HCl	HNO3	None	Other	Water	Soil			BTEX	Fluorene	1-methylnaph	EC, SAR	PH	Arsenic, barium	Cadmium, lead	
1	SS21 @ 0.5 ft	7/18/24	1430	2			X			X			X	X	X	X	X	X	X	
2	SS23 @ 11	↓	1440	↓			↓			↓			↓	↓	↓	↓	↓	↓	↓	
3	SS24 @ 6	↓	1450	↓			↓			↓			↓	↓	↓	↓	↓	↓	↓	
4	SS25 @ 6	↓	1500	↓			↓			↓			↓	↓	↓	↓	↓	↓	↓	
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15																				

Relinquished by:	Date/Time: 7/19/24	Received by:	Date/Time: 7/19/24 17:04	TAT Business Days	Field DO	Notes: Rush inorganics Full results by 7/24
Relinquished by:	Date/Time:	Received by:	Date/Time:	Same Day	Field EC	
				1 Day	Field ORP	
				2 Days	Field pH	
				3 Days	Field Temp.	
Relinquished by:	Date/Time:	Received by:	Date/Time:	Standard	Field Turb.	
Temperature Upon Receipt: 5-8	Corrected Temperature	IR gun #: 2	HNO3 lot #:			



S<sub>2</sub>

## Sample Receipt Checklist

S2 Work Order# 2407250Client: Entrada Client Project ID: Ruzor GL 2024 ReleaseShipped Via H.D./P.U./FedEx/UPS/USPS/Other ☐ ☐ ☐ ☐ ☐ Airbill #: \_\_\_\_\_Matrix (Check all that apply) Air ☐ Soil/Solid ☒ Water ☐ Other ☐Temp (°C) 5.8Thermometer # 2

	Yes	No	N/A	Comments (if any)
If samples require cooling, is the temperature < 6°C? <sup>(1)</sup> <b>NOTE:</b> 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"/>	
If custody seals are present, are they intact? <sup>(1)</sup>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples due within 48 hours present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	same day
Are water samples with short hold times present? Note the short hold analysis in the comments column - pH, Nitrate/Nitrite, Ferrous Iron (Fe <sup>2+</sup> ), Hexavalent Chromium (Cr <sup>6+</sup> , Cr VI), COD/BOD, Total Coliform, E. Coli, Total Residual Chlorine (TRC), Dissolved Oxygen	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is a chain-of-custody (COC) form present and filled out Completely? <sup>(1)</sup>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client w/ date and time recorded? <sup>(1)</sup>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	no relinquish times
Were all samples received intact? <sup>(1)</sup>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided? <sup>(1)</sup>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received? <sup>(1)</sup>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC? <sup>(1)</sup>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water – is there headspace present? <b>If yes, contact client and note in narrative.</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples preserved that require preservation (excluding cooling)? <sup>(1)</sup> Note the type of preservative in the comments column – HCl, H <sub>2</sub> SO <sub>4</sub> , NaOH, HNO <sub>3</sub> , etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If samples are acid preserved for metals, is the pH ≤ 2? <sup>(1)</sup> 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):				
<sup>(1)</sup> If NO, then contact the client before proceeding with analysis and note in case narrative.				

AS  
Custodian Printed Name

7/19/24  
Date/Time



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

Project: Razor GL 2024 Release-1

Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 08:48

**SS21@6.5**  
**2407250-01 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **07/18/24 14:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	BHG0553	07/19/24	07/20/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **07/18/24 14:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4	0.0429	107 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0397	99.3 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0394	98.4 %	50-150		"	"	"	"	

**PAH by EPA Method 8270D SIM**

Date Sampled: **07/18/24 14:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Fluorene	ND	0.00500	mg/kg	1	BHG0564	07/22/24	07/23/24	EPA 8270D SIM	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **07/18/24 14:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 2-Methylnaphthalene-d10	0.0160	48.0 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0167	50.1 %	40-150		"	"	"	"	

**Total Metals by EPA 6020B**

Date Sampled: **07/18/24 14:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Arsenic	<b>3.43</b>	0.200	mg/kg dry	1	BHG0589	07/22/24	07/23/24	EPA 6020B	

Summit Scientific

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

Project: Razor GL 2024 Release-1

Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 08:48

**SS21@6.5**  
**2407250-01 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

Barium	226	0.400	mg/kg dry	1	BHG0589	07/22/24	07/23/24	EPA 6020B
Cadmium	0.215	0.200	"	"	"	"	"	"
Lead	10.4	0.200	"	"	"	"	"	"

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

Date Sampled: **07/18/24 14:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	255	0.0500	mg/L dry	1	BHG0568	07/22/24	07/22/24	EPA 6020B	
Magnesium	14.2	0.0500	"	"	"	"	"	"	
Sodium	9.69	0.0500	"	"	"	"	"	"	

**Calculated Analysis**

Date Sampled: **07/18/24 14:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.160	0.00100	units	1	BHG0651	07/23/24	07/23/24	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **07/18/24 14:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	89.2		%	1	BHG0562	07/22/24	07/23/24	Calculation	

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **07/18/24 14:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.240	0.0100	mmhos/cm	1	BHG0571	07/22/24	07/22/24	EPA 120.1	

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

Summit Scientific

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

Project: Razor GL 2024 Release-1

Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 08:48

**SS21@6.5**  
**2407250-01 (Soil)**

**Summit Scientific**

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

Date Sampled: **07/18/24 14:30**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>pH</b>	<b>8.47</b>			pH Units	1	BHG0560	07/22/24	07/23/24	EPA 9045D	

Summit Scientific

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

Project: Razor GL 2024 Release-1  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 08:48

**SS23@11**  
**2407250-02 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **07/18/24 14:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BHG0553	07/19/24	07/20/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **07/18/24 14:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0426	106 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0402	101 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0387	96.7 %	50-150		"	"	"	"	

**PAH by EPA Method 8270D SIM**

Date Sampled: **07/18/24 14:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Fluorene	ND	0.00500	mg/kg	1	BHG0564	07/22/24	07/23/24	EPA 8270D SIM	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **07/18/24 14:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 2-Methylnaphthalene-d10	0.0176	52.8 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0183	54.8 %	40-150		"	"	"	"	

**Total Metals by EPA 6020B**

Date Sampled: **07/18/24 14:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Arsenic	<b>1.84</b>	0.200	mg/kg dry	1	BHG0589	07/22/24	07/23/24	EPA 6020B	
Barium	<b>46.5</b>	0.400	"	"	"	"	"	"	

Summit Scientific

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

Project: Razor GL 2024 Release-1

Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 08:48

**SS23@11**  
**2407250-02 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

Cadmium	ND	0.200	mg/kg dry	1	BHG0589	07/22/24	07/23/24	EPA 6020B
<b>Lead</b>	<b>4.12</b>	0.200	"	"	"	"	"	"

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

Date Sampled: **07/18/24 14:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Calcium</b>	<b>392</b>	0.0500	mg/L dry	1	BHG0568	07/22/24	07/22/24	EPA 6020B	
<b>Magnesium</b>	<b>70.9</b>	0.0500	"	"	"	"	"	"	
<b>Sodium</b>	<b>519</b>	0.0500	"	"	"	"	"	"	

**Calculated Analysis**

Date Sampled: **07/18/24 14:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Sodium Adsorption Ratio</b>	<b>6.34</b>	0.00100	units	1	BHG0651	07/23/24	07/23/24	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **07/18/24 14:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>% Solids</b>	<b>98.5</b>		%	1	BHG0562	07/22/24	07/23/24	Calculation	

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **07/18/24 14:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Specific Conductance (EC)</b>	<b>1.98</b>	0.0100	mmhos/cm	1	BHG0571	07/22/24	07/22/24	EPA 120.1	

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

Summit Scientific

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

Project: Razor GL 2024 Release-1

Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 08:48

**SS23@11**  
**2407250-02 (Soil)**

**Summit Scientific**

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

Date Sampled: **07/18/24 14:40**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>pH</b>	<b>9.61</b>			pH Units	1	BHG0560	07/22/24	07/23/24	EPA 9045D	

Summit Scientific

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

Project: Razor GL 2024 Release-1  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 08:48

**SS24@6**  
**2407250-03 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **07/18/24 14:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BHG0553	07/19/24	07/20/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **07/18/24 14:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0384	95.9 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0412	103 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0390	97.5 %	50-150		"	"	"	"	

**PAH by EPA Method 8270D SIM**

Date Sampled: **07/18/24 14:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Fluorene	ND	0.00500	mg/kg	1	BHG0564	07/22/24	07/23/24	EPA 8270D SIM	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **07/18/24 14:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 2-Methylnaphthalene-d10	0.0136	40.8 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0149	44.6 %	40-150		"	"	"	"	

**Total Metals by EPA 6020B**

Date Sampled: **07/18/24 14:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Arsenic	4.95	0.200	mg/kg dry	1	BHG0589	07/22/24	07/23/24	EPA 6020B	
Barium	279	0.400	"	"	"	"	"	"	

Summit Scientific

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

Project: Razor GL 2024 Release-1

Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 08:48

**SS24@6**  
**2407250-03 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

Cadmium	0.306	0.200	mg/kg dry	1	BHG0589	07/22/24	07/23/24	EPA 6020B
Lead	11.3	0.200	"	"	"	"	"	"

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

Date Sampled: **07/18/24 14:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	152	0.0500	mg/L dry	1	BHG0568	07/22/24	07/22/24	EPA 6020B	
Magnesium	16.5	0.0500	"	"	"	"	"	"	
Sodium	67.4	0.0500	"	"	"	"	"	"	

**Calculated Analysis**

Date Sampled: **07/18/24 14:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	1.39	0.00100	units	1	BHG0651	07/23/24	07/23/24	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **07/18/24 14:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	77.5		%	1	BHG0562	07/22/24	07/23/24	Calculation	

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **07/18/24 14:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.601	0.0100	mmhos/cm	1	BHG0571	07/22/24	07/22/24	EPA 120.1	

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

Summit Scientific

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

Project: Razor GL 2024 Release-1

Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 08:48

**SS24@6**  
**2407250-03 (Soil)**

**Summit Scientific**

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

Date Sampled: **07/18/24 14:50**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>pH</b>	<b>8.66</b>			pH Units	1	BHG0560	07/22/24	07/23/24	EPA 9045D	

Summit Scientific

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

Project: Razor GL 2024 Release-1  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 08:48

**SS25@6**  
**2407250-04 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **07/18/24 15:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BHG0553	07/19/24	07/20/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	

Date Sampled: **07/18/24 15:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0380	95.0 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0398	99.6 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0377	94.3 %	50-150		"	"	"	"	

**PAH by EPA Method 8270D SIM**

Date Sampled: **07/18/24 15:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Fluorene	ND	0.00500	mg/kg	1	BHG0564	07/22/24	07/24/24	EPA 8270D SIM	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **07/18/24 15:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 2-Methylnaphthalene-d10	0.0158	47.4 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0164	49.2 %	40-150		"	"	"	"	

**Total Metals by EPA 6020B**

Date Sampled: **07/18/24 15:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Arsenic	<b>2.85</b>	0.200	mg/kg dry	1	BHG0589	07/22/24	07/23/24	EPA 6020B	
Barium	<b>129</b>	0.400	"	"	"	"	"	"	

Summit Scientific

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

Project: Razor GL 2024 Release-1

Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 08:48

**SS25@6**  
**2407250-04 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

Cadmium	ND	0.200	mg/kg dry	1	BHG0589	07/22/24	07/23/24	EPA 6020B
<b>Lead</b>	<b>6.80</b>	0.200	"	"	"	"	"	"

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

Date Sampled: **07/18/24 15:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Calcium</b>	<b>687</b>	0.0500	mg/L dry	1	BHG0568	07/22/24	07/22/24	EPA 6020B	
<b>Magnesium</b>	<b>43.5</b>	0.0500	"	"	"	"	"	"	
<b>Sodium</b>	<b>176</b>	0.0500	"	"	"	"	"	"	

**Calculated Analysis**

Date Sampled: **07/18/24 15:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Sodium Adsorption Ratio</b>	<b>1.76</b>	0.00100	units	1	BHG0651	07/23/24	07/23/24	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **07/18/24 15:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>% Solids</b>	<b>85.2</b>		%	1	BHG0562	07/22/24	07/23/24	Calculation	

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **07/18/24 15:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Specific Conductance (EC)</b>	<b>0.827</b>	0.0100	mmhos/cm	1	BHG0571	07/22/24	07/22/24	EPA 120.1	

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

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

Project: Razor GL 2024 Release-1

Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 08:48

**SS25@6**  
**2407250-04 (Soil)**

**Summit Scientific**

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

Date Sampled: **07/18/24 15:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>pH</b>	<b>9.17</b>			pH Units	1	BHG0560	07/22/24	07/23/24	EPA 9045D	

Summit Scientific

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

Project: Razor GL 2024 Release-1

Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 08:48

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### Summit Scientific

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

#### Batch BHG0553 - EPA 5030 Soil MS

##### Blank (BHG0553-BLK1)

Prepared: 07/19/24 Analyzed: 07/20/24

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Surrogate: 1,2-Dichloroethane-d4	0.0424		"	0.0400		106	50-150			
Surrogate: Toluene-d8	0.0402		"	0.0400		100	50-150			
Surrogate: 4-Bromofluorobenzene	0.0388		"	0.0400		97.1	50-150			

##### LCS (BHG0553-BS1)

Prepared: 07/19/24 Analyzed: 07/20/24

Benzene	0.0799	0.0020	mg/kg	0.100		79.9	70-130			
Toluene	0.0927	0.0050	"	0.100		92.7	70-130			
Ethylbenzene	0.0897	0.0050	"	0.100		89.7	70-130			
m,p-Xylene	0.188	0.010	"	0.200		93.9	70-130			
o-Xylene	0.0945	0.0050	"	0.100		94.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0398		"	0.0400		99.5	50-150			
Surrogate: Toluene-d8	0.0407		"	0.0400		102	50-150			
Surrogate: 4-Bromofluorobenzene	0.0382		"	0.0400		95.4	50-150			

##### Matrix Spike (BHG0553-MS1)

Source: 2407248-01

Prepared: 07/19/24 Analyzed: 07/20/24

Benzene	0.0533	0.0020	mg/kg	0.100	ND	53.3	70-130			QM-05
Toluene	0.0674	0.0050	"	0.100	ND	67.4	70-130			QM-05
Ethylbenzene	0.0754	0.0050	"	0.100	ND	75.4	70-130			
m,p-Xylene	0.135	0.010	"	0.200	ND	67.3	70-130			QM-05
o-Xylene	0.0792	0.0050	"	0.100	ND	79.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0450		"	0.0400		112	50-150			
Surrogate: Toluene-d8	0.0411		"	0.0400		103	50-150			
Surrogate: 4-Bromofluorobenzene	0.0391		"	0.0400		97.7	50-150			

Summit Scientific

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

Project: Razor GL 2024 Release-1

Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 08:48

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**Summit Scientific**

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

**Batch BHG0553 - EPA 5030 Soil MS**

Matrix Spike Dup (BHG0553-MSD1)	Source: 2407248-01			Prepared: 07/19/24 Analyzed: 07/20/24						
Benzene	0.0506	0.0020	mg/kg	0.100	ND	50.6	70-130	5.08	30	QM-05
Toluene	0.0663	0.0050	"	0.100	ND	66.3	70-130	1.53	30	QM-05
Ethylbenzene	0.0784	0.0050	"	0.100	ND	78.4	70-130	3.90	30	
m,p-Xylene	0.121	0.010	"	0.200	ND	60.4	70-130	10.7	30	QM-05
o-Xylene	0.0808	0.0050	"	0.100	ND	80.8	70-130	2.06	30	
Surrogate: 1,2-Dichloroethane-d4	0.0440		"	0.0400		110	50-150			
Surrogate: Toluene-d8	0.0417		"	0.0400		104	50-150			
Surrogate: 4-Bromofluorobenzene	0.0388		"	0.0400		97.1	50-150			

Summit Scientific

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

Project: Razor GL 2024 Release-1  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 08:48

**PAH by EPA Method 8270D SIM - Quality Control**  
**Summit Scientific**

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

**Batch BHG0564 - EPA 5030 Soil MS**

**Blank (BHG0564-BLK1)**

Prepared: 07/22/24 Analyzed: 07/23/24

Fluorene	ND	0.00500	mg/kg							
1-Methylnaphthalene	ND	0.00500	"							
Surrogate: 2-Methylnaphthalene-d10	0.0261		"	0.0333		78.3	40-150			
Surrogate: Fluoranthene-d10	0.0261		"	0.0333		78.3	40-150			

**LCS (BHG0564-BS1)**

Prepared: 07/22/24 Analyzed: 07/23/24

Fluorene	0.0245	0.00500	mg/kg	0.0333		73.6	30-120			
1-Methylnaphthalene	0.0222	0.00500	"	0.0333		66.7	35-142			
Surrogate: 2-Methylnaphthalene-d10	0.0209		"	0.0333		62.6	40-150			
Surrogate: Fluoranthene-d10	0.0230		"	0.0333		69.1	40-150			

**Matrix Spike (BHG0564-MS1)**

Source: 2407248-01

Prepared: 07/22/24 Analyzed: 07/23/24

Fluorene	0.0173	0.00500	mg/kg	0.0333	ND	51.9	30-120			
1-Methylnaphthalene	0.0154	0.00500	"	0.0333	ND	46.1	15-130			
Surrogate: 2-Methylnaphthalene-d10	0.0141		"	0.0333		42.3	40-150			
Surrogate: Fluoranthene-d10	0.0153		"	0.0333		45.9	40-150			

**Matrix Spike Dup (BHG0564-MSD1)**

Source: 2407248-01

Prepared: 07/22/24 Analyzed: 07/23/24

Fluorene	0.0175	0.00500	mg/kg	0.0333	ND	52.6	30-120	1.43	30	
1-Methylnaphthalene	0.0168	0.00500	"	0.0333	ND	50.3	15-130	8.66	50	
Surrogate: 2-Methylnaphthalene-d10	0.0154		"	0.0333		46.3	40-150			
Surrogate: Fluoranthene-d10	0.0163		"	0.0333		49.0	40-150			

Summit Scientific

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

Project: Razor GL 2024 Release-1  
Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 08:48

**Total Metals by EPA 6020B - Quality Control**  
**Summit Scientific**

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

**Batch BHG0589 - EPA 3050B**

**Blank (BHG0589-BLK1)**

Prepared: 07/22/24 Analyzed: 07/23/24

Arsenic	ND	0.200	mg/kg wet
Barium	ND	0.400	"
Cadmium	ND	0.200	"
Lead	ND	0.200	"

**LCS (BHG0589-BS1)**

Prepared: 07/22/24 Analyzed: 07/23/24

Arsenic	36.0	0.200	mg/kg wet	37.6	95.7	80-120
Barium	44.0	0.400	"	37.6	117	80-120
Cadmium	1.78	0.200	"	1.88	94.5	80-120
Lead	17.6	0.200	"	18.8	93.5	80-120

**Duplicate (BHG0589-DUP1)**

Source: 2407250-01

Prepared: 07/22/24 Analyzed: 07/23/24

Arsenic	3.75	0.200	mg/kg dry	3.43		9.02	20
Barium	233	0.400	"	226		2.92	20
Cadmium	0.222	0.200	"	0.215		3.40	20
Lead	11.4	0.200	"	10.4		9.12	20

**Matrix Spike (BHG0589-MS1)**

Source: 2407250-01

Prepared: 07/22/24 Analyzed: 07/23/24

Arsenic	45.8	0.200	mg/kg dry	43.4	3.43	97.5	75-125
Barium	276	0.400	"	43.4	226	116	75-125
Cadmium	2.37	0.200	"	2.17	0.215	99.2	75-125
Lead	31.3	0.200	"	21.7	10.4	96.1	75-125

**Matrix Spike Dup (BHG0589-MSD1)**

Source: 2407250-01

Prepared: 07/22/24 Analyzed: 07/23/24

Arsenic	44.1	0.200	mg/kg dry	43.8	3.43	92.8	75-125	3.75	25
Barium	264	0.400	"	43.8	226	86.6	75-125	4.59	25
Cadmium	2.37	0.200	"	2.19	0.215	98.5	75-125	0.0972	25
Lead	30.5	0.200	"	21.9	10.4	91.5	75-125	2.73	25

Summit Scientific

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

Project: Razor GL 2024 Release-1

Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 08:48

**Total Metals by EPA 6020B - Quality Control**  
**Summit Scientific**

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

**Batch BHH0024 - EPA 3050B**

**Blank (BHH0024-BLK1)**

Prepared: 08/01/24 Analyzed: 08/06/24

Arsenic	ND	0.200	mg/kg wet
Barium	ND	0.400	"
Cadmium	ND	0.200	"
Lead	ND	0.200	"

**LCS (BHH0024-BS1)**

Prepared: 08/01/24 Analyzed: 08/06/24

Arsenic	39.8	0.200	mg/kg wet	36.5	109	80-120
Barium	37.9	0.400	"	36.5	104	80-120
Cadmium	1.95	0.200	"	1.82	107	80-120
Lead	19.0	0.200	"	18.2	104	80-120

**Duplicate (BHH0024-DUP1)**

Source: 2406303-07RE1

Prepared: 08/01/24 Analyzed: 08/06/24

Arsenic	5.24	0.200	mg/kg wet	4.46		16.0	20	
Barium	238	0.400	"	91.9		88.4	20	QR-02
Cadmium	0.316	0.200	"	0.256		21.1	20	QR-01
Lead	9.62	0.200	"	8.37		13.9	20	

**Matrix Spike (BHH0024-MS1)**

Source: 2406303-07RE1

Prepared: 08/01/24 Analyzed: 08/06/24

Arsenic	43.6	0.181	mg/kg wet	36.2	4.46	108	75-125	
Barium	219	0.362	"	36.2	91.9	351	75-125	QM-07
Cadmium	2.26	0.181	"	1.81	0.256	110	75-125	
Lead	27.0	0.181	"	18.1	8.37	103	75-125	

**Matrix Spike Dup (BHH0024-MSD1)**

Source: 2406303-07RE1

Prepared: 08/01/24 Analyzed: 08/06/24

Arsenic	45.5	0.200	mg/kg wet	38.5	4.46	107	75-125	4.32	25	
Barium	180	0.400	"	38.5	91.9	229	75-125	19.7	25	QM-07
Cadmium	2.36	0.200	"	1.92	0.256	110	75-125	4.61	25	
Lead	28.9	0.200	"	19.2	8.37	107	75-125	6.85	25	

Summit Scientific

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240 Mesa Avenue  
Grand Junction, CO, 81501

Project: Razor GL 2024 Release-1

Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 08:48

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

**Summit Scientific**

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

**Batch BHG0568 - General Preparation**

**Blank (BHG0568-BLK1)**

Prepared & Analyzed: 07/22/24

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

**LCS (BHG0568-BS1)**

Prepared & Analyzed: 07/22/24

Calcium	5.17	0.0500	mg/L wet	5.00	103	70-130
Magnesium	5.51	0.0500	"	5.00	110	70-130
Sodium	5.76	0.0500	"	5.00	115	70-130

**Batch BHH0297 - General Preparation**

**Blank (BHH0297-BLK1)**

Prepared: 08/12/24 Analyzed: 08/14/24

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

**LCS (BHH0297-BS1)**

Prepared: 08/12/24 Analyzed: 08/14/24

Calcium	5.75	0.0500	mg/L wet	5.00	115	70-130
Magnesium	4.69	0.0500	"	5.00	93.8	70-130
Sodium	4.61	0.0500	"	5.00	92.2	70-130

Summit Scientific

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

Project: Razor GL 2024 Release-1

Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 08:48

**Physical Parameters by APHA/ASTM/EPA Methods - Quality Control**  
**Summit Scientific**

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

**Batch BHG0562 - General Preparation**

Duplicate (BHG0562-DUP1)		Source: 2407248-01			Prepared: 07/22/24 Analyzed: 07/23/24					
% Solids	75.5		%		75.8			0.419	20	

Summit Scientific

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

Project: Razor GL 2024 Release-1

Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 08:48

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

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

**Batch BHG0571 - General Preparation**

**Blank (BHG0571-BLK1)**

Prepared & Analyzed: 07/22/24

Specific Conductance (EC) ND 0.0100 mmhos/cm

**LCS (BHG0571-BS1)**

Prepared & Analyzed: 07/22/24

Specific Conductance (EC) 0.156 0.0100 mmhos/cm 0.150 104 95-105

**Duplicate (BHG0571-DUP1)**

Source: 2407248-01

Prepared & Analyzed: 07/22/24

Specific Conductance (EC) 3.24 0.0100 mmhos/cm 3.30 2.02 20

Summit Scientific

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

Project: Razor GL 2024 Release-1

Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 08:48

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

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

**Batch BHG0560 - General Preparation**

<b>LCS (BHG0560-BS1)</b>					Prepared: 07/22/24 Analyzed: 07/23/24					
pH	9.12		pH Units	9.18		99.3	95-105			
<b>Duplicate (BHG0560-DUP1)</b>					Source: 2407250-01 Prepared: 07/22/24 Analyzed: 07/23/24					
pH	8.57		pH Units		8.47			1.17	20	

**Batch BHH0114 - General Preparation**

<b>LCS (BHH0114-BS1)</b>					Prepared: 08/05/24 Analyzed: 08/06/24					
pH	9.24		pH Units	9.18		101	95-105			
<b>Duplicate (BHH0114-DUP1)</b>					Source: 2407407-01 Prepared: 08/05/24 Analyzed: 08/06/24					
pH	8.66		pH Units		8.64			0.231	20	

**Batch BHH0138 - General Preparation**

<b>LCS (BHH0138-BS1)</b>					Prepared: 08/06/24 Analyzed: 08/07/24					
pH	9.18		pH Units	9.18		100	95-105			
<b>Duplicate (BHH0138-DUP1)</b>					Source: 2407250-02RE1 Prepared: 08/06/24 Analyzed: 08/07/24					
pH	9.59		pH Units		9.61			0.208	20	

Summit Scientific

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

Project: Razor GL 2024 Release-1

Project Number: 024-131  
Project Manager: Ryan Finley

**Reported:**  
08/19/24 08:48

### Notes and Definitions

QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QR-01	Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The associated LCS and/or LCSD were within acceptance limits, therefore the data are considered valid.
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

# Summit Scientific

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4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

August 08, 2024

Ryan Finley  
Entrada Consulting Group  
240 Mesa Avenue  
Grand Junction., CO 81501  
RE: Razor GL 2024 Release  
Work Order #2408019

Enclosed are the results of analyses for samples received by Summit Scientific on 08/02/24 15:10. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Natalie Tessier". The signature is fluid and cursive, with the first name being more prominent.

Natalie Tessier For Paul Shrewsbury  
President





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

Project: Razor GL 2024 Release  
Project Number: 022-110  
Project Manager: Ryan Finley

**Reported:**  
08/08/24 08:21

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS24@6.5	2408019-01	Soil	08/02/24 12:00	08/02/24 15:10
SS25@6.5	2408019-02	Soil	08/02/24 12:05	08/02/24 15:10
SS26@4.5	2408019-03	Soil	08/02/24 12:10	08/02/24 15:10
SS23@11.5	2408019-04	Soil	08/02/24 12:15	08/02/24 15:10

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

4653 Table Mountain Drive  
Golden, CO 80403  
303-277-9310

Lab ID	Page 1 of 1
2408019	

Client: <u>Tallgrass/Entrada Consulting</u>		Send Data To:		Send Invoice To:	
Address: <u>ON File</u>		Project Manager: <u>Ryan Finley</u>		Company: <u>Entrada</u>	
City/State/Zip:		E-Mail: <u>rfinley@entradainc.com</u>		Project Name/Location: <u>Razor GL 2024</u>	
Phone: <u>303-907-0635</u>		Project Name: <u>Razor GL 2024 Release</u>		AFE#:	
Sampler Name: <u>Ryan Finley</u>		Project Number:		PO/Billing Codes:	
				Contact: <u>Stuart Hall</u>	

Sample Number (5523-5526)					Preservative				Matrix			Analysis Requested								Special Instructions
ID	Sample Description	Date Sampled	Time Sampled	# of containers	HCl	HNO3	None	Other _____	Water	Soil	Air-Canister #	Other _____	BTEX	Fluorene	1-methylnaph	EC, SAR	pH	Argenic, Barium	Cadmium	Lead
1	5524@6.5	8/2/24	1200	2			X			X			X	X	X	X	X	X	X	X
2	5525@6.5	↓	1205	↓			↓			↓			↓	↓	↓	↓	↓	↓	↓	↓
3	5526@4.5	↓	1210	↓																
4	5523@11.5	↓	1215	↓						↓			↓	↓	↓	↓	↓	↓	↓	↓
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15																				

Relinquished by: <u>[Signature]</u>	Date/Time: <u>8/2/24 1510</u>	Received by: <u>[Signature]</u>	Date/Time: <u>8/2/24 15:10</u>	TAT Business Days	Field DO	Notes:
Relinquished by:	Date/Time:	Received by:	Date/Time:	Same Day	Field EC	
				1 Day	Field ORP	
				2 Days	Field pH	
				3 Days	Field Temp.	
				Standard	Field Turb.	
Temperature Upon Receipt: <u>17.9</u>	Corrected Temperature	IR gun #: <u>2</u>	HNO3 lot #:			

S<sub>2</sub>

## Sample Receipt Checklist

S2 Work Order# 2408019Client: Tal/Grass/Entrada Client Project ID: Razor GL 2024 ReleaseShipped Via: H.D./P.U./FedEx/UPS/USPS/Other ☐ Airbill #: \_\_\_\_\_
☒ ☐ ☐ ☐ ☐
Matrix (Check all that apply) Air ☐ Soil/Solid ☒ Water ☐ Other ☐Temp (°C) 17.9Thermometer # 2

	Yes	No	N/A	Comments (if any)
If samples require cooling, is the temperature < 6°C? <sup>(1)</sup> <b>NOTE:</b> 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"/>	on ice
If custody seals are present, are they intact? <sup>(1)</sup>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples due within 48 hours present?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are water samples with short hold times present? Note the short hold analysis in the comments column - pH, Nitrate/Nitrite, Ferrous Iron (Fe <sup>2+</sup> ), Hexavalent Chromium (Cr <sup>6+</sup> , Cr VI), COD/BOD, Total Coliform, E. Coli, Total Residual Chlorine (TRC), Dissolved Oxygen	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is a chain-of-custody (COC) form present and filled out Completely? <sup>(1)</sup>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client w/ date and time recorded? <sup>(1)</sup>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were all samples received intact? <sup>(1)</sup>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided? <sup>(1)</sup>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received? <sup>(1)</sup>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC? <sup>(1)</sup>	<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)? <sup>(1)</sup> Note the type of preservative in the comments column – HCl, H <sub>2</sub> SO <sub>4</sub> , NaOH, HNO <sub>3</sub> , etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If samples are acid preserved for metals, is the pH ≤ 2? <sup>(1)</sup> 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):				
<sup>(1)</sup> If NO, then contact the client before proceeding with analysis and note in case narrative.				

Control Form #: SRC-001

Vh Vh  
Custodian Printed Name

8/2/24 15:10  
Date/Time



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

Project: Razor GL 2024 Release

Project Number: 022-110  
Project Manager: Ryan Finley

**Reported:**  
08/08/24 08:21

**SS24@6.5**  
**2408019-01 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **08/02/24 12:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BHH0112	08/05/24	08/05/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	

Date Sampled: **08/02/24 12:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0405	101 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0399	99.8 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0382	95.6 %	50-150		"	"	"	"	

**PAH by EPA Method 8270D SIM**

Date Sampled: **08/02/24 12:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Fluorene	ND	0.00500	mg/kg	1	BHH0097	08/05/24	08/05/24	EPA 8270D SIM	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **08/02/24 12:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 2-Methylnaphthalene-d10	0.0136	40.9 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0147	44.2 %	40-150		"	"	"	"	

**Total Metals by EPA 6020B**

Summit Scientific

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

Project: Razor GL 2024 Release  
Project Number: 022-110  
Project Manager: Ryan Finley

**Reported:**  
08/08/24 08:21

**SS24@6.5**  
**2408019-01 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

Date Sampled: **08/02/24 12:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Arsenic	2.71	0.200	mg/kg dry	1	BHH0110	08/05/24	08/06/24	EPA 6020B	
Barium	318	0.400	"	"	"	"	"	"	
Cadmium	ND	0.200	"	"	"	"	"	"	
Lead	7.26	0.200	"	"	"	"	"	"	

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

Date Sampled: **08/02/24 12:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	198	0.0500	mg/L dry	1	BHH0116	08/05/24	08/06/24	EPA 6020B	
Magnesium	11.2	0.0500	"	"	"	"	"	"	
Sodium	72.3	0.0500	"	"	"	"	"	"	

**Calculated Analysis**

Date Sampled: **08/02/24 12:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Sodium Adsorption Ratio	1.35	0.00100	units	1	BHH0161	08/07/24	08/07/24	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **08/02/24 12:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
% Solids	87.5		%	1	BHH0109	08/05/24	08/05/24	Calculation	

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **08/02/24 12:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Specific Conductance (EC)	0.397	0.0100	mmhos/cm	1	BHH0117	08/05/24	08/06/24	EPA 120.1	

Summit Scientific

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

Project: Razor GL 2024 Release

Project Number: 022-110  
Project Manager: Ryan Finley

**Reported:**  
08/08/24 08:21

**SS24@6.5**  
**2408019-01 (Soil)**

**Summit Scientific**

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

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

Date Sampled: **08/02/24 12:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>pH</b>	<b>8.91</b>			pH Units	1	BHH0118	08/05/24	08/06/24	EPA 9045D	

Summit Scientific

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

Project: Razor GL 2024 Release  
Project Number: 022-110  
Project Manager: Ryan Finley

**Reported:**  
08/08/24 08:21

**SS25@6.5**  
**2408019-02 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **08/02/24 12:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BHH0112	08/05/24	08/05/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	

Date Sampled: **08/02/24 12:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0454	114 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0388	97.1 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0387	96.8 %	50-150		"	"	"	"	

**PAH by EPA Method 8270D SIM**

Date Sampled: **08/02/24 12:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Fluorene	ND	0.00500	mg/kg	1	BHH0097	08/05/24	08/05/24	EPA 8270D SIM	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **08/02/24 12:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 2-Methylnaphthalene-d10	0.0168	50.5 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0190	57.0 %	40-150		"	"	"	"	

**Total Metals by EPA 6020B**

Summit Scientific

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

Project: Razor GL 2024 Release  
Project Number: 022-110  
Project Manager: Ryan Finley

**Reported:**  
08/08/24 08:21

**SS25@6.5**  
**2408019-02 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

Date Sampled: **08/02/24 12:05**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Arsenic	3.51	0.200	mg/kg dry	1	BHH0110	08/05/24	08/06/24	EPA 6020B	
Barium	289	0.400	"	"	"	"	"	"	
Cadmium	0.216	0.200	"	"	"	"	"	"	
Lead	9.96	0.200	"	"	"	"	"	"	

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

Date Sampled: **08/02/24 12:05**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	125	0.0500	mg/L dry	1	BHH0116	08/05/24	08/06/24	EPA 6020B	
Magnesium	11.0	0.0500	"	"	"	"	"	"	
Sodium	141	0.0500	"	"	"	"	"	"	

**Calculated Analysis**

Date Sampled: **08/02/24 12:05**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Sodium Adsorption Ratio	3.25	0.00100	units	1	BHH0161	08/07/24	08/07/24	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **08/02/24 12:05**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
% Solids	88.0		%	1	BHH0109	08/05/24	08/05/24	Calculation	

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **08/02/24 12:05**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Specific Conductance (EC)	0.739	0.0100	mmhos/cm	1	BHH0117	08/05/24	08/06/24	EPA 120.1	

Summit Scientific

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

Project: Razor GL 2024 Release

Project Number: 022-110

Project Manager: Ryan Finley

**Reported:**

08/08/24 08:21

**SS25@6.5**  
**2408019-02 (Soil)**

**Summit Scientific**

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

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

Date Sampled: **08/02/24 12:05**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>pH</b>	<b>8.62</b>			pH Units	1	BHH0118	08/05/24	08/06/24	EPA 9045D	

Summit Scientific

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

Project: Razor GL 2024 Release

Project Number: 022-110  
Project Manager: Ryan Finley

**Reported:**  
08/08/24 08:21

**SS26@4.5**  
**2408019-03 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **08/02/24 12:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BHH0112	08/05/24	08/05/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	

Date Sampled: **08/02/24 12:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0467	117 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0402	100 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0375	93.8 %	50-150		"	"	"	"	

**PAH by EPA Method 8270D SIM**

Date Sampled: **08/02/24 12:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Fluorene	ND	0.00500	mg/kg	1	BHH0097	08/05/24	08/05/24	EPA 8270D SIM	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **08/02/24 12:10**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 2-Methylnaphthalene-d10	0.0158	47.5 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0186	55.7 %	40-150		"	"	"	"	

**Total Metals by EPA 6020B**

Summit Scientific

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

Project: Razor GL 2024 Release  
Project Number: 022-110  
Project Manager: Ryan Finley

**Reported:**  
08/08/24 08:21

**SS26@4.5**  
**2408019-03 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

Date Sampled: **08/02/24 12:10**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Arsenic	3.03	0.200	mg/kg dry	1	BHH0110	08/05/24	08/06/24	EPA 6020B	
Barium	300	0.400	"	"	"	"	"	"	
Cadmium	ND	0.200	"	"	"	"	"	"	
Lead	8.04	0.200	"	"	"	"	"	"	

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

Date Sampled: **08/02/24 12:10**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	117	0.0500	mg/L dry	1	BHH0116	08/05/24	08/06/24	EPA 6020B	
Magnesium	12.1	0.0500	"	"	"	"	"	"	
Sodium	132	0.0500	"	"	"	"	"	"	

**Calculated Analysis**

Date Sampled: **08/02/24 12:10**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Sodium Adsorption Ratio	3.11	0.00100	units	1	BHH0161	08/07/24	08/07/24	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **08/02/24 12:10**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
% Solids	87.6		%	1	BHH0109	08/05/24	08/05/24	Calculation	

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **08/02/24 12:10**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Specific Conductance (EC)	0.652	0.0100	mmhos/cm	1	BHH0117	08/05/24	08/06/24	EPA 120.1	

Summit Scientific

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

Project: Razor GL 2024 Release

Project Number: 022-110

Project Manager: Ryan Finley

**Reported:**

08/08/24 08:21

**SS26@4.5**  
**2408019-03 (Soil)**

**Summit Scientific**

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

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

Date Sampled: **08/02/24 12:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>pH</b>	<b>8.46</b>			pH Units	1	BHH0118	08/05/24	08/06/24	EPA 9045D	

Summit Scientific

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

Project: Razor GL 2024 Release

Project Number: 022-110  
Project Manager: Ryan Finley

**Reported:**  
08/08/24 08:21

**SS23@11.5**  
**2408019-04 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **08/02/24 12:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BHH0112	08/05/24	08/06/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	

Date Sampled: **08/02/24 12:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0374	93.5 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0399	99.7 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0373	93.3 %	50-150		"	"	"	"	

**PAH by EPA Method 8270D SIM**

Date Sampled: **08/02/24 12:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Fluorene	ND	0.00500	mg/kg	1	BHH0097	08/05/24	08/05/24	EPA 8270D SIM	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **08/02/24 12:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 2-Methylnaphthalene-d10	0.0155	46.5 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0192	57.5 %	40-150		"	"	"	"	

**Total Metals by EPA 6020B**

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

Project: Razor GL 2024 Release  
Project Number: 022-110  
Project Manager: Ryan Finley

**Reported:**  
08/08/24 08:21

**SS23@11.5**  
**2408019-04 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

Date Sampled: **08/02/24 12:15**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Arsenic	2.69	0.200	mg/kg dry	1	BHH0110	08/05/24	08/06/24	EPA 6020B	
Barium	273	0.400	"	"	"	"	"	"	
Cadmium	ND	0.200	"	"	"	"	"	"	
Lead	6.47	0.200	"	"	"	"	"	"	

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

Date Sampled: **08/02/24 12:15**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	191	0.0500	mg/L dry	1	BHH0116	08/05/24	08/06/24	EPA 6020B	
Magnesium	11.7	0.0500	"	"	"	"	"	"	
Sodium	126	0.0500	"	"	"	"	"	"	

**Calculated Analysis**

Date Sampled: **08/02/24 12:15**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Sodium Adsorption Ratio	2.39	0.00100	units	1	BHH0161	08/07/24	08/07/24	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **08/02/24 12:15**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
% Solids	87.5		%	1	BHH0109	08/05/24	08/05/24	Calculation	

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

Date Sampled: **08/02/24 12:15**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Specific Conductance (EC)	0.614	0.0100	mmhos/cm	1	BHH0117	08/05/24	08/06/24	EPA 120.1	

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240 Mesa Avenue  
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Project: Razor GL 2024 Release

Project Number: 022-110  
Project Manager: Ryan Finley

**Reported:**  
08/08/24 08:21

**SS23@11.5**  
**2408019-04 (Soil)**

**Summit Scientific**

**Specific Conductance by EPA Method 120.1, Saturated Paste Extraction**

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

Date Sampled: **08/02/24 12:15**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>pH</b>	<b>8.62</b>			pH Units	1	BHH0118	08/05/24	08/06/24	EPA 9045D	

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240 Mesa Avenue  
Grand Junction, CO, 81501

Project: Razor GL 2024 Release  
Project Number: 022-110  
Project Manager: Ryan Finley

**Reported:**  
08/08/24 08:21

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### Summit Scientific

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

#### Batch BHH0112 - EPA 5030 Soil MS

##### Blank (BHH0112-BLK1)

Prepared & Analyzed: 08/05/24

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
1,2,4-Trimethylbenzene	ND	0.0050	"							
1,3,5-Trimethylbenzene	ND	0.0050	"							
Naphthalene	ND	0.0038	"							
Surrogate: 1,2-Dichloroethane-d4	0.0437		"	0.0400		109	50-150			
Surrogate: Toluene-d8	0.0420		"	0.0400		105	50-150			
Surrogate: 4-Bromofluorobenzene	0.0390		"	0.0400		97.6	50-150			

##### LCS (BHH0112-BS1)

Prepared & Analyzed: 08/05/24

Benzene	0.0706	0.0020	mg/kg	0.0750		94.1	70-130			
Toluene	0.0883	0.0050	"	0.0750		118	70-130			
Ethylbenzene	0.0865	0.0050	"	0.0750		115	70-130			
m,p-Xylene	0.171	0.010	"	0.150		114	70-130			
o-Xylene	0.0802	0.0050	"	0.0750		107	70-130			
1,2,4-Trimethylbenzene	0.0774	0.0050	"	0.0750		103	70-130			
1,3,5-Trimethylbenzene	0.0784	0.0050	"	0.0750		105	70-130			
Naphthalene	0.0585	0.0038	"	0.0750		78.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0412		"	0.0400		103	50-150			
Surrogate: Toluene-d8	0.0416		"	0.0400		104	50-150			
Surrogate: 4-Bromofluorobenzene	0.0415		"	0.0400		104	50-150			

##### Matrix Spike (BHH0112-MS1)

Source: 2408013-01

Prepared & Analyzed: 08/05/24

Benzene	0.0565	0.0020	mg/kg	0.0750	ND	75.3	70-130			
Toluene	0.0699	0.0050	"	0.0750	ND	93.2	70-130			
Ethylbenzene	0.0683	0.0050	"	0.0750	ND	91.1	70-130			
m,p-Xylene	0.136	0.010	"	0.150	ND	90.7	70-130			
o-Xylene	0.0651	0.0050	"	0.0750	ND	86.8	70-130			
1,2,4-Trimethylbenzene	0.0574	0.0050	"	0.0750	ND	76.6	70-130			
1,3,5-Trimethylbenzene	0.0574	0.0050	"	0.0750	ND	76.5	70-130			
Naphthalene	0.0468	0.0038	"	0.0750	ND	62.4	70-130			QM-07
Surrogate: 1,2-Dichloroethane-d4	0.0413		"	0.0400		103	50-150			
Surrogate: Toluene-d8	0.0416		"	0.0400		104	50-150			
Surrogate: 4-Bromofluorobenzene	0.0410		"	0.0400		102	50-150			

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240 Mesa Avenue  
Grand Junction, CO, 81501

Project: Razor GL 2024 Release  
Project Number: 022-110  
Project Manager: Ryan Finley

**Reported:**  
08/08/24 08:21

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**Summit Scientific**

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

**Batch BHH0112 - EPA 5030 Soil MS**

Matrix Spike Dup (BHH0112-MSD1)		Source: 2408013-01			Prepared & Analyzed: 08/05/24					
Benzene	0.0610	0.0020	mg/kg	0.0750	ND	81.3	70-130	7.71	30	
Toluene	0.0757	0.0050	"	0.0750	ND	101	70-130	7.91	30	
Ethylbenzene	0.0690	0.0050	"	0.0750	ND	92.0	70-130	1.05	30	
m,p-Xylene	0.139	0.010	"	0.150	ND	92.7	70-130	2.18	30	
o-Xylene	0.0659	0.0050	"	0.0750	ND	87.8	70-130	1.19	30	
1,2,4-Trimethylbenzene	0.0571	0.0050	"	0.0750	ND	76.1	70-130	0.629	30	
1,3,5-Trimethylbenzene	0.0576	0.0050	"	0.0750	ND	76.8	70-130	0.470	30	
Naphthalene	0.0478	0.0038	"	0.0750	ND	63.8	70-130	2.09	30	QM-07
Surrogate: 1,2-Dichloroethane-d4		0.0457	"	0.0400		114	50-150			
Surrogate: Toluene-d8		0.0421	"	0.0400		105	50-150			
Surrogate: 4-Bromofluorobenzene		0.0419	"	0.0400		105	50-150			

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240 Mesa Avenue  
Grand Junction, CO, 81501

Project: Razor GL 2024 Release  
Project Number: 022-110  
Project Manager: Ryan Finley

**Reported:**  
08/08/24 08:21

**PAH by EPA Method 8270D SIM - Quality Control**  
**Summit Scientific**

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

**Batch BHH0097 - EPA 5030 Soil MS**

**Blank (BHH0097-BLK1)**

Prepared & Analyzed: 08/05/24

Fluorene	ND	0.00500	mg/kg								
1-Methylnaphthalene	ND	0.00500	"								
Surrogate: 2-Methylnaphthalene-d10	0.0177		"	0.0333		53.2		40-150			
Surrogate: Fluoranthene-d10	0.0221		"	0.0333		66.2		40-150			

**LCS (BHH0097-BS1)**

Prepared & Analyzed: 08/05/24

Fluorene	0.0225	0.00500	mg/kg	0.0333		67.6		30-120			
1-Methylnaphthalene	0.0181	0.00500	"	0.0333		54.4		35-142			
Surrogate: 2-Methylnaphthalene-d10	0.0196		"	0.0333		58.9		40-150			
Surrogate: Fluoranthene-d10	0.0228		"	0.0333		68.5		40-150			

**Matrix Spike (BHH0097-MS1)**

Source: 2408018-01

Prepared & Analyzed: 08/05/24

Fluorene	0.0158	0.00500	mg/kg	0.0333	ND	47.4		30-120			
1-Methylnaphthalene	0.0131	0.00500	"	0.0333	ND	39.3		15-130			
Surrogate: 2-Methylnaphthalene-d10	0.0140		"	0.0333		41.9		40-150			
Surrogate: Fluoranthene-d10	0.0154		"	0.0333		46.2		40-150			

**Matrix Spike Dup (BHH0097-MSD1)**

Source: 2408018-01

Prepared & Analyzed: 08/05/24

Fluorene	0.0163	0.00500	mg/kg	0.0333	ND	49.0		30-120	3.27	30	
1-Methylnaphthalene	0.0145	0.00500	"	0.0333	ND	43.4		15-130	9.75	50	
Surrogate: 2-Methylnaphthalene-d10	0.0146		"	0.0333		43.7		40-150			
Surrogate: Fluoranthene-d10	0.0161		"	0.0333		48.3		40-150			

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Project: Razor GL 2024 Release  
Project Number: 022-110  
Project Manager: Ryan Finley

**Reported:**  
08/08/24 08:21

**Total Metals by EPA 6020B - Quality Control**  
**Summit Scientific**

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

**Batch BHH0110 - EPA 3050B**

**Blank (BHH0110-BLK1)**

Prepared: 08/05/24 Analyzed: 08/06/24

Arsenic	ND	0.200	mg/kg wet
Barium	ND	0.400	"
Cadmium	ND	0.200	"
Lead	ND	0.200	"

**LCS (BHH0110-BS1)**

Prepared: 08/05/24 Analyzed: 08/06/24

Arsenic	34.1	0.200	mg/kg wet	37.3	91.4	80-120
Barium	34.1	0.400	"	37.3	91.5	80-120
Cadmium	1.76	0.200	"	1.87	94.2	80-120
Lead	18.7	0.200	"	18.7	100	80-120

**Duplicate (BHH0110-DUP1)**

Source: 2406098-01

Prepared: 08/05/24 Analyzed: 08/06/24

Arsenic	1.73	0.200	mg/kg dry	1.78	2.73	20
Barium	59.3	0.400	"	57.6	2.96	20
Cadmium	0.0861	0.200	"	0.0785	9.28	20
Lead	4.96	0.200	"	4.53	9.01	20

**Matrix Spike (BHH0110-MS1)**

Source: 2406098-01

Prepared: 08/05/24 Analyzed: 08/06/24

Arsenic	35.9	0.200	mg/kg dry	38.5	1.78	88.8	75-125
Barium	91.2	0.400	"	38.5	57.6	87.5	75-125
Cadmium	1.85	0.200	"	1.92	0.0785	92.3	75-125
Lead	22.2	0.200	"	19.2	4.53	91.8	75-125

**Matrix Spike Dup (BHH0110-MSD1)**

Source: 2406098-01

Prepared: 08/05/24 Analyzed: 08/06/24

Arsenic	36.1	0.200	mg/kg dry	38.2	1.78	90.0	75-125	0.582	25
Barium	91.8	0.400	"	38.2	57.6	89.8	75-125	0.648	25
Cadmium	1.87	0.200	"	1.91	0.0785	93.6	75-125	0.570	25
Lead	22.6	0.200	"	19.1	4.53	94.6	75-125	1.80	25

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240 Mesa Avenue  
Grand Junction. CO, 81501

Project: Razor GL 2024 Release

Project Number: 022-110  
Project Manager: Ryan Finley

**Reported:**  
08/08/24 08:21

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

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

**Batch BHH0116 - General Preparation**

<b>Blank (BHH0116-BLK1)</b>				Prepared: 08/05/24 Analyzed: 08/06/24						
Calcium	ND	0.0500	mg/L wet							
Magnesium	ND	0.0500	"							
Sodium	ND	0.0500	"							
<b>LCS (BHH0116-BS1)</b>				Prepared: 08/05/24 Analyzed: 08/06/24						
Calcium	6.12	0.0500	mg/L wet	5.00		122	70-130			
Magnesium	5.62	0.0500	"	5.00		112	70-130			
Sodium	5.74	0.0500	"	5.00		115	70-130			

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Project Manager: Ryan Finley

**Reported:**  
08/08/24 08:21

**Physical Parameters by APHA/ASTM/EPA Methods - Quality Control**  
**Summit Scientific**

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

**Batch BHH0109 - General Preparation**

Duplicate (BHH0109-DUP1)		Source: 2408013-01		Prepared & Analyzed: 08/05/24						
% Solids	88.0		%		87.7			0.306	20	

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Project: Razor GL 2024 Release  
Project Number: 022-110  
Project Manager: Ryan Finley

**Reported:**  
08/08/24 08:21

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

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

**Batch BHH0117 - General Preparation**

**Blank (BHH0117-BLK1)**

Prepared: 08/05/24 Analyzed: 08/06/24

Specific Conductance (EC) ND 0.0100 mmhos/cm

**LCS (BHH0117-BS1)**

Prepared: 08/05/24 Analyzed: 08/06/24

Specific Conductance (EC) 0.152 0.0100 mmhos/cm 0.150 102 95-105

**Duplicate (BHH0117-DUP1)**

**Source: 2408018-01**

Prepared: 08/05/24 Analyzed: 08/06/24

Specific Conductance (EC) 0.241 0.0100 mmhos/cm 0.246 1.93 20

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240 Mesa Avenue  
Grand Junction. CO, 81501

Project: Razor GL 2024 Release

Project Number: 022-110  
Project Manager: Ryan Finley

**Reported:**  
08/08/24 08:21

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

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

**Batch BHH0118 - General Preparation**

**LCS (BHH0118-BS1)**

Prepared: 08/05/24 Analyzed: 08/06/24

pH	9.18	pH Units	9.18	100	95-105
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**Duplicate (BHH0118-DUP1)**

**Source: 2408018-01**

Prepared: 08/05/24 Analyzed: 08/06/24

pH	8.57	pH Units	8.62	0.582	20
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Grand Junction. CO, 81501

Project: Razor GL 2024 Release

Project Number: 022-110  
Project Manager: Ryan Finley

**Reported:**  
08/08/24 08:21

### Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.
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