

Summit Scientific

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>4/17/24 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 #:			

S₂

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? ⁽¹⁾ NOTE: If samples are delivered the same day of sampling, this requirement is met if there is evidence that cooling has begun.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	on file
If custody seals are present, are they intact? ⁽¹⁾	<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 ²⁺), Hexavalent Chromium (Cr ⁶⁺ , 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? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client w/ date and time recorded? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were all samples received intact? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC? ⁽¹⁾	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	no sample times
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples preserved that require preservation (excluding cooling)? ⁽¹⁾ Note the type of preservative in the comments column – HCl, H ₂ SO ₄ , NaOH, HNO ₃ , etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If samples are acid preserved for metals, is the pH ≤ 2? ⁽¹⁾ Record the pH in Comments.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If dissolved metals are requested, were samples field filtered?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Additional Comments (if any):

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

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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Reported:
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SS01@2.5
2404298-01 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

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

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 09:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 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 09:40**

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

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

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SS01@2.5
2404298-01 (Soil)

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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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Project: Razor 26 GL 2024 Release
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Reported:
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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

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06/07/24 14:53

SS02@2.5
2404298-02 (Soil)

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PAH by EPA Method 8270D SIM

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

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 09:43**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
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	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 09:43**

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

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 Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.26		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@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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Entrada Consulting Group
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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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

Volatile Organic Compounds by EPA Method 8260B

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.0080	0.0020	mg/kg	1	BHD0631	04/18/24	04/20/24	EPA 8260B	
Toluene	0.0053	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 Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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	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 09:47**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
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	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 09:47**

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

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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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

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
Project Manager: Ryan Finley

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	

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

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								
pH	8.30			pH Units	1	BHE0312	05/09/24	05/10/24	EPA 9045D	

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

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

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

SS04@2
2404298-06 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

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

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 09:53**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 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 09:53**

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

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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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

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		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
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		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
pH	8.12			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

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)

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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								
pH	8.95			pH Units	1	BHE0312	05/09/24	05/10/24	EPA 9045D	

Summit Scientific

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Entrada Consulting Group
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

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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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

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
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

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								
pH	9.20			pH Units	1	BHE0318	05/02/24	05/09/24	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

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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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

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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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

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
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Project: Razor 26 GL 2024 Release
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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

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

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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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)

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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								
pH	8.02			pH Units	1	BHE0069	05/02/24	05/06/24	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

SS08@2
2404298-11 (Soil)

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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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240 Mesa Avenue
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Project Manager: Ryan Finley

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SS08@2
2404298-11 (Soil)

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

Reported:
06/07/24 14:53

SS08@2
2404298-11 (Soil)

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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
Project Number: 024-131
Project Manager: Ryan Finley

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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240 Mesa Avenue
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Reported:
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SS09@2
2404298-12 (Soil)

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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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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

SS09@2

2404298-12 (Soil)

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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)	0.939	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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Reported:
06/07/24 14:53

SS09@2
2404298-12 (Soil)

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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								
pH	9.00			pH Units	1	BHE0318	05/02/24	05/09/24	EPA 9045D	

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

SS10@2
2404298-13 (Soil)

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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	3.80	0.200	mg/kg dry	1	BHD1039	04/29/24	05/03/24	EPA 6020B	
Barium	449	0.400	"	"	"	"	"	"	
Cadmium	0.479	0.200	"	"	"	"	"	"	
Copper	11.4	0.400	"	"	"	"	"	"	
Lead	11.0	0.200	"	"	"	"	"	"	
Nickel	3.90	0.400	"	"	"	"	"	"	
Silver	0.0316	0.0200	"	"	"	"	"	"	
Zinc	36.2	0.400	"	"	"	"	"	"	
Selenium	ND	0.260	"	"	"	"	"	"	

Hexavalent Chromium by EPA Method 7196

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Project: Razor 26 GL 2024 Release
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Project Manager: Ryan Finley

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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240 Mesa Avenue
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Project: Razor 26 GL 2024 Release

Project Number: 024-131
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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								
pH	9.08			pH Units	1	BHE0318	05/02/24	05/09/24	EPA 9045D	

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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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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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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

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								
pH	8.94			pH Units	1	BHE0318	05/02/24	05/09/24	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

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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240 Mesa Avenue
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Project Number: 024-131
Project Manager: Ryan Finley

Reported:
06/07/24 14:53

SS12@6
2404298-15 (Soil)

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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	"	"	"	"	"	"	
Fluorene	0.00528	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	0.0139	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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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)

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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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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

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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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

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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Entrada Consulting Group
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

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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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

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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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

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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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

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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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@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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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@5
2404298-19 (Soil)

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Calculated Analysis

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.594	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	89.1		%	1	BHD0770	04/22/24	04/22/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.233	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	8.50		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

Volatile Organic Compounds by EPA Method 8260B - Quality Control

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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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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

Volatile Organic Compounds by EPA Method 8260B - Quality Control
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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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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

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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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

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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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

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	
<hr/>										
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			

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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

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			

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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

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	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				

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 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

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 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		

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

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

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

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

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

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	"								

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

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			

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

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

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

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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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

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

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

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

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

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

Duplicate (BHD0770-DUP1)		Source: 2404298-01			Prepared & Analyzed: 04/22/24						
% Solids	77.6		%		77.1			0.610		20	

Batch BHE0335 - General Preparation

Duplicate (BHE0335-DUP1)		Source: 2404298-03			Prepared & Analyzed: 05/10/24						
% Solids	88.3		%		88.4			0.123		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

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 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

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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

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

LCS (BHE0069-BS1)					Prepared: 05/02/24 Analyzed: 05/06/24					
pH	9.14		pH Units	9.18		99.6	95-105			
Duplicate (BHE0069-DUP1)					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

LCS (BHE0312-BS1)					Prepared: 05/09/24 Analyzed: 05/10/24					
pH	9.20		pH Units	9.18		100	95-105			
Duplicate (BHE0312-DUP1)					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

LCS (BHE0318-BS1)					Prepared & Analyzed: 05/09/24					
pH	9.20		pH Units	9.18		100	95-105			
Duplicate (BHE0318-DUP1)					Source: 2404298-08RE1 Prepared & Analyzed: 05/09/24					
pH	9.10		pH Units		9.20			1.09	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

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