

# Summit Scientific

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4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

December 22, 2025

Will Blust

Quandary Consultants

4480 Garfield St

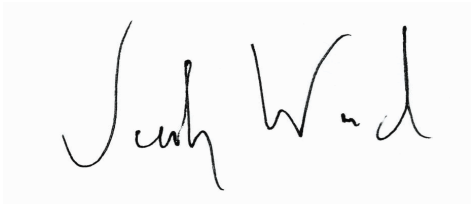
Denver, CO 80237

RE: Fabrizio 33-14

Work Order #2512038

Enclosed are the results of analyses for samples received by Summit Scientific on 12/18/25 16:35. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Jacob Wood". The signature is written in a cursive style with a large initial "J" and "W".

Jacob Wood For Gavin Stonehouse  
Lab Manager



Quandary Consultants  
4480 Garfield St  
Denver CO, 80237

Project: Fabrizius 33-14

Project Number: [none]  
Project Manager: Will Blust

**Reported:**  
12/22/25 06:59

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB01-N01@3'	2512038-01	Soil	12/18/25 12:20	12/18/25 16:35
SB01-E01@3'	2512038-02	Soil	12/18/25 12:35	12/18/25 16:35
SB01-S01@3'	2512038-03	Soil	12/18/25 12:49	12/18/25 16:35
SB01-W01@3'	2512038-04	Soil	12/18/25 13:05	12/18/25 16:35

Summit Scientific

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



# SUMMIT SCIENTIFIC

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

Lab ID: 2512038  
Page 1 of 1

Client: <u>GUANDARY CONSULTANTS</u>	Project Manager: <u>Will BLUST</u>	Company:
Address: <u>4405 GARFIELD ST</u>	E-Mail: <u>samples@guandaryconsultants.com</u>	Project Name/Location:
City/State/Zip: <u>DENVER CO 80216</u>	Project Name: <u>FABRIZIUS 33-14</u>	AFE#:
Phone: <u>585-645-3517</u>	Project Number:	PO/Billing Codes:
Sampler Name: <u>RS</u>		Contact:

ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix		Air-Canister #	Other	Analysis Requested				Special Instructions
					HCl	HNO3	None	Other	Water	Soil							
1	SPDI-NQ1@3'	12/18/25	12:20	3			X			X							
2	SPDI-ED1@3'		12:35	1													
3	SPDI-SQ1@3'		12:49	1													
4	SPDI-WQ1@3'		13:05	1													
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	

Relinquished by: 	Date/Time: 12/18/25 1635	Received by: 	Date/Time: 12/18/25 1635	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 <input checked="" type="checkbox"/>	Field Turb.	
Temperature Upon Receipt: 1.3	Corrected Temperature 1.3	IR gun #: 2	HNO3 lot #:			



## Sample Receipt Checklist

Client: Quandary Consultants Client Project ID: FABRIZIUS 33-14Shipped Via: H.D./P.U./FedEx/UPS/USPS/Other Airbill #: \_\_\_\_\_Matrix (Circle all that apply) Air/ Soil /Water/Other  Temp (°C) 1.3 Corrected (°C) 1.3Thermometer ID: 2 Bottle ware (Circle all that apply) Glass Jar/VOA/Amber/Poly/Other

	Yes	No	N/A	Comments (if any)
If samples require cooling, is the temperature < 6°C? <sup>(1)</sup> <b>NOTE:</b> If samples are delivered the same day of sampling, this requirement is met if there is evidence that cooling has begun.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>On Ice</u>
If custody seals are present, are they intact? <sup>(1)</sup>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples due within 48 hours present?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are water samples with short hold times present? Note the short hold analysis in the comments column - pH, Nitrate/Nitrite, Ferrous Iron (Fe <sup>2+</sup> ), Hexavalent Chromium (Cr <sup>6+</sup> , Cr VI), COD, Total Residual Chlorine (TRC)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If 8260 analyses are requested, were samples collected within 48hrs? If not, is at least one sample jar frozen? <sup>(1)</sup>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is a chain-of-custody (COC) form present and filled out Completely? <sup>(1)</sup>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client w/ date and time recorded? <sup>(1)</sup>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were all samples received intact? <sup>(1)</sup>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided? <sup>(1)</sup>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were samples provided in appropriate bottleware?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received? <sup>(1)</sup>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC? <sup>(1)</sup>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water – is there headspace present? <b>If yes, contact client and note in narrative.</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are any samples/bottles preserved ( <b>excluding cooling</b> )? <sup>(1)</sup> Note the type of preservative in the comments column – HCl, H <sub>2</sub> SO <sub>4</sub> , NaOH, HNO <sub>3</sub> , etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If samples are acid preserved for metals, is the pH ≤ 2? <sup>(1)</sup> Record the pH in Comments.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If dissolved metals are requested, were samples field filtered?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Will any samples be performed outside of Summit Scientific? Note analysis in comments column	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<u>Additional Comments (if any):</u>				
<b><sup>(1)</sup> If NO, then contact the client before proceeding with analysis and note in case narrative.</b>				

  
Custodian Printed Name

12/18/25  
Date/Time



Quandary Consultants  
4480 Garfield St  
Denver CO, 80237

Project: Fabrizio 33-14

Project Number: [none]  
Project Manager: Will Blust

Reported:  
12/22/25 06:59

**SB01-N01@3'**  
**2512038-01 (Soil)**

**Summit Scientific**

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

Date Sampled: **12/18/25 12:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0025	mg/kg dry	1	BIL0243	12/18/25	12/19/25	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
<b>Xylenes (total)</b>	<b>0.021</b>	<b>0.015</b>	"	"	"	"	"	"	
<b>1,2,4-Trimethylbenzene</b>	<b>0.044</b>	<b>0.0050</b>	"	"	"	"	"	"	
<b>1,3,5-Trimethylbenzene</b>	<b>0.015</b>	<b>0.0050</b>	"	"	"	"	"	"	
<b>Naphthalene</b>	<b>0.037</b>	<b>0.0038</b>	"	"	"	"	"	"	
<b>Gasoline Range Hydrocarbons</b>	<b>0.88</b>	<b>0.50</b>	"	"	"	"	"	"	

Date Sampled: **12/18/25 12:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.0507	94.2 %	50-150	"	"	"	"	"	
<i>Surrogate: Toluene-d8</i>	0.0550	102 %	50-150	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>	0.0545	101 %	50-150	"	"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **12/18/25 12:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<b>C10-C28 (DRO)</b>	<b>81</b>	<b>50</b>	mg/kg dry	1	BIL0250	12/18/25	12/18/25	EPA 8015M	
<b>C28-C36 (ORO)</b>	<b>69</b>	<b>50</b>	"	"	"	"	"	"	

Date Sampled: **12/18/25 12:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: o-Terphenyl</i>	28.6	86.1 %	50-140	"	"	"	"	"	

**PAH by EPA Method 8270E SIM**

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Quandary Consultants  
4480 Garfield St  
Denver CO, 80237

Project: Fabrizio 33-14

Project Number: [none]  
Project Manager: Will Blust

Reported:  
12/22/25 06:59

**SB01-N01@3'**  
**2512038-01 (Soil)**

**Summit Scientific**

**PAH by EPA Method 8270E SIM**

Date Sampled: **12/18/25 12:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<b>Acenaphthene</b>	<b>0.00698</b>	0.00500	mg/kg dry	1	BIL0256	12/19/25	12/19/25	EPA 8270E SIM	
<b>Anthracene</b>	<b>0.00691</b>	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	"	"	"	"	"	"	
<b>Chrysene</b>	<b>0.0125</b>	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0100	"	"	"	"	"	"	
<b>Fluoranthene</b>	<b>0.00401</b>	0.00500	"	"	"	"	"	"	
<b>Fluorene</b>	<b>0.0389</b>	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0100	"	"	"	"	"	"	
<b>Pyrene</b>	<b>0.00899</b>	0.00500	"	"	"	"	"	"	
<b>1-Methylnaphthalene</b>	<b>0.0954</b>	0.00500	"	"	"	"	"	"	
<b>2-Methylnaphthalene</b>	<b>0.127</b>	0.00500	"	"	"	"	"	"	

Date Sampled: **12/18/25 12:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 2-Methylnaphthalene-d10	0.0235	52.3 %	40-140		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0235	52.4 %	40-140		"	"	"	"	

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

Date Sampled: **12/18/25 12:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Boron	ND	1.00	mg/L dry	1	BIL0244	12/18/25	12/19/25	EPA 6020B	

**Total Metals by EPA 6020B**

Date Sampled: **12/18/25 12:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<b>Arsenic</b>	<b>2.36</b>	0.200	mg/kg dry	1	BIL0245	12/18/25	12/19/25	EPA 6020B	

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4480 Garfield St  
Denver CO, 80237

Project: Fabrizio 33-14

Project Number: [none]  
Project Manager: Will Blust

**Reported:**  
12/22/25 06:59

**SB01-N01@3'**  
**2512038-01 (Soil)**

**Summit Scientific**

**Total Metals by EPA 6020B**

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Barium	536	0.400	mg/kg dry	1	BIL0245	12/18/25	12/19/25	EPA 6020B	
Cadmium	0.391	0.200	"	"	"	"	"	"	"
Copper	5.15	0.400	"	"	"	"	"	"	"
Lead	5.28	0.200	"	"	"	"	"	"	"
Nickel	5.19	0.400	"	"	"	"	"	"	"
Silver	ND	0.0200	"	"	"	"	"	"	"
Zinc	21.4	0.400	"	"	"	"	"	"	"
Selenium	ND	0.260	"	"	"	"	"	"	"

**Hexavalent Chromium by HACH M8023**

Date Sampled: **12/18/25 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BIL0247	12/18/25	12/19/25	HACH M10218	

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

Date Sampled: **12/18/25 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	213	0.0500	mg/L dry	1	BIL0246	12/18/25	12/19/25	EPA 6020B	
Magnesium	15.0	0.0500	"	"	"	"	"	"	"
Sodium	40.1	0.0500	"	"	"	"	"	"	"

**Calculated Analysis**

Date Sampled: **12/18/25 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.715	0.00100	units	1	BIL0257	12/19/25	12/19/25	Calculation	

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

Date Sampled: **12/18/25 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	74.5		%	1	BIL0248	12/18/25	12/19/25	Calculation	

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 Denver CO, 80237

Project: Fabrizio 33-14

Project Number: [none]  
 Project Manager: Will Blust

**Reported:**  
 12/22/25 06:59

**SB01-N01@3'**  
**2512038-01 (Soil)**

**Summit Scientific**

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

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

Date Sampled: **12/18/25 12:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Specific Conductance (EC)	<b>0.281</b>	0.0100	mmhos/cm	1	BIL0251	12/18/25	12/19/25	EPA 120.1	

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

Date Sampled: **12/18/25 12:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
pH	<b>8.27</b>		pH Units	1	BIL0249	12/18/25	12/19/25	EPA 9045D	

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Denver CO, 80237

Project: Fabrizio 33-14

Project Number: [none]  
Project Manager: Will Blust

**Reported:**  
12/22/25 06:59

**SB01-E01@3'**  
**2512038-02 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **12/18/25 12:35**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<b>C10-C28 (DRO)</b>	<b>210</b>	50	mg/kg dry	1	BIL0250	12/18/25	12/18/25	EPA 8015M	
<b>C28-C36 (ORO)</b>	<b>150</b>	50	"	"	"	"	"	"	

Date Sampled: **12/18/25 12:35**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: <i>o</i> -Terphenyl	28.5	84.2 %	50-140		"	"	"	"	

**PAH by EPA Method 8270E SIM**

Date Sampled: **12/18/25 12:35**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<b>Acenaphthene</b>	<b>0.0181</b>	0.00500	mg/kg dry	1	BIL0256	12/19/25	12/19/25	EPA 8270E SIM	
<b>Anthracene</b>	<b>0.0167</b>	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
<b>Benzo (b) fluoranthene</b>	<b>0.00786</b>	0.00500	"	"	"	"	"	"	
<b>Benzo (k) fluoranthene</b>	<b>0.00790</b>	0.00500	"	"	"	"	"	"	
<b>Chrysene</b>	<b>0.0319</b>	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0100	"	"	"	"	"	"	
<b>Fluoranthene</b>	<b>0.0103</b>	0.00500	"	"	"	"	"	"	
<b>Fluorene</b>	<b>0.0921</b>	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0100	"	"	"	"	"	"	
<b>Pyrene</b>	<b>0.0221</b>	0.00500	"	"	"	"	"	"	
<b>1-Methylnaphthalene</b>	<b>0.428</b>	0.0250	"	5	"	"	12/19/25	"	
<b>2-Methylnaphthalene</b>	<b>0.583</b>	0.0250	"	"	"	"	"	"	

Date Sampled: **12/18/25 12:35**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 2-Methylnaphthalene-d10	0.0287	64.3 %	40-140		"	"	12/19/25	"	
Surrogate: Fluoranthene-d10	0.0282	63.2 %	40-140		"	"	"	"	

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Denver CO, 80237

Project: Fabrizio 33-14  
Project Number: [none]  
Project Manager: Will Blust

**Reported:**  
12/22/25 06:59

**SB01-E01@3'**  
**2512038-02 (Soil)**

**Summit Scientific**

**PAH by EPA Method 8270E SIM**

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

Date Sampled: **12/18/25 12:35**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Boron	ND	1.00	mg/L dry	1	BIL0244	12/18/25	12/19/25	EPA 6020B	

**Total Metals by EPA 6020B**

Date Sampled: **12/18/25 12:35**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Arsenic	3.19	0.200	mg/kg dry	1	BIL0245	12/18/25	12/19/25	EPA 6020B	
Barium	274	0.400	"	"	"	"	"	"	
Cadmium	0.392	0.200	"	"	"	"	"	"	
Copper	6.43	0.400	"	"	"	"	"	"	
Lead	9.39	0.200	"	"	"	"	"	"	
Nickel	5.96	0.400	"	"	"	"	"	"	
Silver	ND	0.0200	"	"	"	"	"	"	
Zinc	24.8	0.400	"	"	"	"	"	"	
Selenium	ND	0.260	"	"	"	"	"	"	

**Hexavalent Chromium by HACH M8023**

Date Sampled: **12/18/25 12:35**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BIL0247	12/18/25	12/19/25	HACH M10218	

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

Date Sampled: **12/18/25 12:35**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	215	0.0500	mg/L dry	1	BIL0246	12/18/25	12/19/25	EPA 6020B	
Magnesium	15.0	0.0500	"	"	"	"	"	"	
Sodium	27.1	0.0500	"	"	"	"	"	"	

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4480 Garfield St  
Denver CO, 80237

Project: Fabrizio 33-14

Project Number: [none]  
Project Manager: Will Blust

**Reported:**  
12/22/25 06:59

**SB01-E01@3'**  
**2512038-02 (Soil)**

**Summit Scientific**

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

**Calculated Analysis**

Date Sampled: **12/18/25 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Sodium Adsorption Ratio</b>	<b>0.482</b>	0.00100	units	1	BIL0257	12/19/25	12/19/25	Calculation	

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

Date Sampled: **12/18/25 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>% Solids</b>	<b>74.1</b>		%	1	BIL0248	12/18/25	12/19/25	Calculation	

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

Date Sampled: **12/18/25 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Specific Conductance (EC)</b>	<b>0.277</b>	0.0100	mmhos/cm	1	BIL0251	12/18/25	12/19/25	EPA 120.1	

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

Date Sampled: **12/18/25 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>pH</b>	<b>8.18</b>		pH Units	1	BIL0249	12/18/25	12/19/25	EPA 9045D	

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Quandary Consultants  
4480 Garfield St  
Denver CO, 80237

Project: Fabrizio 33-14

Project Number: [none]  
Project Manager: Will Blust

**Reported:**  
12/22/25 06:59

**SB01-E01@3'**  
**2512038-02RE1 (Soil)**

**Summit Scientific**

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

Date Sampled: **12/18/25 12:35**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0025	mg/kg dry	1	BIL0253	12/19/25	12/19/25	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
<b>Ethylbenzene</b>	<b>0.0057</b>	0.0050	"	"	"	"	"	"	
<b>Xylenes (total)</b>	<b>0.069</b>	0.015	"	"	"	"	"	"	
<b>1,2,4-Trimethylbenzene</b>	<b>0.13</b>	0.0050	"	"	"	"	"	"	
<b>1,3,5-Trimethylbenzene</b>	<b>0.036</b>	0.0050	"	"	"	"	"	"	
<b>Naphthalene</b>	<b>0.077</b>	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **12/18/25 12:35**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4	0.0541	99.6 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0559	103 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0553	102 %	50-150		"	"	"	"	

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Quandary Consultants  
4480 Garfield St  
Denver CO, 80237

Project: Fabrizio 33-14

Project Number: [none]  
Project Manager: Will Blust

**Reported:**  
12/22/25 06:59

**SB01-S01@3'**  
**2512038-03 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **12/18/25 12:49**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<b>C10-C28 (DRO)</b>	<b>75</b>	50	mg/kg dry	1	BIL0250	12/18/25	12/18/25	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **12/18/25 12:49**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: <i>o</i> -Terphenyl	27.6	83.7 %	50-140	"	"	"	"	"	

**PAH by EPA Method 8270E SIM**

Date Sampled: **12/18/25 12:49**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<b>Acenaphthene</b>	<b>0.0213</b>	0.00500	mg/kg dry	1	BIL0256	12/19/25	12/19/25	EPA 8270E SIM	
<b>Anthracene</b>	<b>0.0217</b>	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
<b>Benzo (b) fluoranthene</b>	<b>0.00991</b>	0.00500	"	"	"	"	"	"	
<b>Benzo (k) fluoranthene</b>	<b>0.00996</b>	0.00500	"	"	"	"	"	"	
<b>Chrysene</b>	<b>0.0391</b>	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0100	"	"	"	"	"	"	
<b>Fluoranthene</b>	<b>0.0127</b>	0.00500	"	"	"	"	"	"	
<b>Fluorene</b>	<b>0.111</b>	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0100	"	"	"	"	"	"	
<b>Pyrene</b>	<b>0.0273</b>	0.00500	"	"	"	"	"	"	
<b>1-Methylnaphthalene</b>	<b>0.391</b>	0.0250	"	5	"	"	12/19/25	"	
<b>2-Methylnaphthalene</b>	<b>0.517</b>	0.0250	"	"	"	"	"	"	

Date Sampled: **12/18/25 12:49**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 2-Methylnaphthalene-d10	0.0322	71.4 %	40-140	"	"	"	12/19/25	"	
Surrogate: Fluoranthene-d10	0.0318	70.4 %	40-140	"	"	"	"	"	

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Quandary Consultants  
4480 Garfield St  
Denver CO, 80237

Project: Fabrizio 33-14

Project Number: [none]  
Project Manager: Will Blust

**Reported:**  
12/22/25 06:59

**SB01-S01@3'**  
**2512038-03 (Soil)**

**Summit Scientific**

**PAH by EPA Method 8270E SIM**

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

Date Sampled: **12/18/25 12:49**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Boron	ND	1.00	mg/L dry	1	BIL0244	12/18/25	12/19/25	EPA 6020B	

**Total Metals by EPA 6020B**

Date Sampled: **12/18/25 12:49**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Arsenic	1.95	0.200	mg/kg dry	1	BIL0245	12/18/25	12/19/25	EPA 6020B	
Barium	304	0.400	"	"	"	"	"	"	
Cadmium	0.389	0.200	"	"	"	"	"	"	
Copper	6.95	0.400	"	"	"	"	"	"	
Lead	3.90	0.200	"	"	"	"	"	"	
Nickel	4.87	0.400	"	"	"	"	"	"	
Silver	ND	0.0200	"	"	"	"	"	"	
Zinc	21.0	0.400	"	"	"	"	"	"	
Selenium	ND	0.260	"	"	"	"	"	"	

**Hexavalent Chromium by HACH M8023**

Date Sampled: **12/18/25 12:49**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BIL0247	12/18/25	12/19/25	HACH M10218	

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

Date Sampled: **12/18/25 12:49**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	363	0.0500	mg/L dry	1	BIL0246	12/18/25	12/19/25	EPA 6020B	
Magnesium	18.6	0.0500	"	"	"	"	"	"	
Sodium	14.9	0.0500	"	"	"	"	"	"	

Summit Scientific

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Quandary Consultants  
4480 Garfield St  
Denver CO, 80237

Project: Fabrizio 33-14

Project Number: [none]  
Project Manager: Will Blust

**Reported:**  
12/22/25 06:59

**SB01-S01@3'**  
**2512038-03 (Soil)**

**Summit Scientific**

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

**Calculated Analysis**

Date Sampled: **12/18/25 12:49**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.207	0.00100	units	1	BIL0257	12/19/25	12/19/25	Calculation	

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

Date Sampled: **12/18/25 12:49**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	74.6		%	1	BIL0248	12/18/25	12/19/25	Calculation	

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

Date Sampled: **12/18/25 12:49**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.307	0.0100	mmhos/cm	1	BIL0251	12/18/25	12/19/25	EPA 120.1	

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

Date Sampled: **12/18/25 12:49**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.02		pH Units	1	BIL0249	12/18/25	12/19/25	EPA 9045D	

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Quandary Consultants  
4480 Garfield St  
Denver CO, 80237

Project: Fabrizio 33-14

Project Number: [none]  
Project Manager: Will Blust

**Reported:**  
12/22/25 06:59

**SB01-S01@3'**  
**2512038-03RE1 (Soil)**

**Summit Scientific**

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

Date Sampled: **12/18/25 12:49**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0025	mg/kg dry	1	BIL0253	12/19/25	12/19/25	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.015	"	"	"	"	"	"	
<b>1,2,4-Trimethylbenzene</b>	<b>0.019</b>	0.0050	"	"	"	"	"	"	
<b>1,3,5-Trimethylbenzene</b>	<b>0.0078</b>	0.0050	"	"	"	"	"	"	
<b>Naphthalene</b>	<b>0.024</b>	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **12/18/25 12:49**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4	0.0543	99.8 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0564	104 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0553	102 %	50-150		"	"	"	"	

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Quandary Consultants  
4480 Garfield St  
Denver CO, 80237

Project: Fabrizio 33-14

Project Number: [none]  
Project Manager: Will Blust

**Reported:**  
12/22/25 06:59

**SB01-W01@3'**  
**2512038-04 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **12/18/25 13:05**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	ND	50	mg/kg dry	1	BIL0250	12/18/25	12/18/25	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **12/18/25 13:05**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: <i>o</i> -Terphenyl	30.7	88.0 %	50-140	"	"	"	"	"	

**PAH by EPA Method 8270E SIM**

Date Sampled: **12/18/25 13:05**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<b>Acenaphthene</b>	<b>0.00959</b>	0.00500	mg/kg dry	1	BIL0256	12/19/25	12/19/25	EPA 8270E SIM	
<b>Anthracene</b>	<b>0.00981</b>	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
<b>Benzo (b) fluoranthene</b>	<b>0.00417</b>	0.00500	"	"	"	"	"	"	
<b>Benzo (k) fluoranthene</b>	<b>0.00419</b>	0.00500	"	"	"	"	"	"	
<b>Chrysene</b>	<b>0.0170</b>	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0100	"	"	"	"	"	"	
<b>Fluoranthene</b>	<b>0.00561</b>	0.00500	"	"	"	"	"	"	
<b>Fluorene</b>	<b>0.0539</b>	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0100	"	"	"	"	"	"	
<b>Pyrene</b>	<b>0.0124</b>	0.00500	"	"	"	"	"	"	
<b>1-Methylnaphthalene</b>	<b>0.140</b>	0.00500	"	"	"	"	"	"	
<b>2-Methylnaphthalene</b>	<b>0.178</b>	0.00500	"	"	"	"	"	"	

Date Sampled: **12/18/25 13:05**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 2-Methylnaphthalene-d10	0.0270	59.9 %	40-140	"	"	"	"	"	
Surrogate: Fluoranthene-d10	0.0273	60.5 %	40-140	"	"	"	"	"	

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Quandary Consultants  
4480 Garfield St  
Denver CO, 80237

Project: Fabrizio 33-14  
Project Number: [none]  
Project Manager: Will Blust

**Reported:**  
12/22/25 06:59

**SB01-W01@3'**  
**2512038-04 (Soil)**

**Summit Scientific**

**PAH by EPA Method 8270E SIM**

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

Date Sampled: **12/18/25 13:05**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Boron	ND	1.00	mg/L dry	1	BIL0244	12/18/25	12/19/25	EPA 6020B	

**Total Metals by EPA 6020B**

Date Sampled: **12/18/25 13:05**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Arsenic	2.70	0.200	mg/kg dry	1	BIL0245	12/18/25	12/19/25	EPA 6020B	
Barium	290	0.400	"	"	"	"	"	"	
Cadmium	0.396	0.200	"	"	"	"	"	"	
Copper	10.1	0.400	"	"	"	"	"	"	
Lead	6.45	0.200	"	"	"	"	"	"	
Nickel	5.25	0.400	"	"	"	"	"	"	
Silver	ND	0.0200	"	"	"	"	"	"	
Zinc	23.0	0.400	"	"	"	"	"	"	
Selenium	ND	0.260	"	"	"	"	"	"	

**Hexavalent Chromium by HACH M8023**

Date Sampled: **12/18/25 13:05**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BIL0247	12/18/25	12/19/25	HACH M10218	

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

Date Sampled: **12/18/25 13:05**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	694	0.0500	mg/L dry	1	BIL0246	12/18/25	12/19/25	EPA 6020B	
Magnesium	28.0	0.0500	"	"	"	"	"	"	
Sodium	17.1	0.0500	"	"	"	"	"	"	

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4480 Garfield St  
Denver CO, 80237

Project: Fabrizio 33-14  
Project Number: [none]  
Project Manager: Will Blust

**Reported:**  
12/22/25 06:59

**SB01-W01@3'**  
**2512038-04 (Soil)**

**Summit Scientific**

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

**Calculated Analysis**

Date Sampled: **12/18/25 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Sodium Adsorption Ratio</b>	<b>0.173</b>	0.00100	units	1	BIL0257	12/19/25	12/19/25	Calculation	

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

Date Sampled: **12/18/25 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>% Solids</b>	<b>72.9</b>		%	1	BIL0248	12/18/25	12/19/25	Calculation	

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

Date Sampled: **12/18/25 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Specific Conductance (EC)</b>	<b>0.339</b>	0.0100	mmhos/cm	1	BIL0251	12/18/25	12/19/25	EPA 120.1	

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

Date Sampled: **12/18/25 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>pH</b>	<b>8.02</b>		pH Units	1	BIL0249	12/18/25	12/19/25	EPA 9045D	

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Quandary Consultants  
4480 Garfield St  
Denver CO, 80237

Project: Fabrizio 33-14

Project Number: [none]  
Project Manager: Will Blust

**Reported:**  
12/22/25 06:59

**SB01-W01@3'**  
**2512038-04RE1 (Soil)**

**Summit Scientific**

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

Date Sampled: **12/18/25 13:05**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0025	mg/kg dry	1	BIL0253	12/19/25	12/19/25	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.015	"	"	"	"	"	"	
<b>1,2,4-Trimethylbenzene</b>	<b>0.029</b>	0.0050	"	"	"	"	"	"	
<b>1,3,5-Trimethylbenzene</b>	<b>0.010</b>	0.0050	"	"	"	"	"	"	
<b>Naphthalene</b>	<b>0.044</b>	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **12/18/25 13:05**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4	0.0544	97.8 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0566	102 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0561	101 %	50-150		"	"	"	"	

Summit Scientific

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Quandary Consultants  
4480 Garfield St  
Denver CO, 80237

Project: Fabrizio 33-14

Project Number: [none]  
Project Manager: Will Blust

Reported:  
12/22/25 06:59

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

**Summit Scientific**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch BIL0243 - EPA 5030 Soil MS**

**Blank (BIL0243-BLK1)**

Prepared & Analyzed: 12/18/25

Benzene	ND	0.0025	mg/kg wet							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.015	"							
1,2,4-Trimethylbenzene	ND	0.0050	"							
1,3,5-Trimethylbenzene	ND	0.0050	"							
Naphthalene	ND	0.0038	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.0412		"	0.0404		102	50-150			
<i>Surrogate: Toluene-d8</i>	0.0403		"	0.0404		99.7	50-150			
<i>Surrogate: 4-Bromofluorobenzene</i>	0.0403		"	0.0404		99.8	50-150			

**LCS (BIL0243-BS1)**

Prepared & Analyzed: 12/18/25

Benzene	0.0919	0.0025	mg/kg wet	0.0988		93.0	70-130			
Toluene	0.0940	0.0050	"	0.0988		95.2	70-130			
Ethylbenzene	0.0898	0.0050	"	0.0988		90.9	70-130			
m,p-Xylene	0.186	0.010	"	0.198		94.0	70-130			
o-Xylene	0.0943	0.0050	"	0.0988		95.4	70-130			
1,2,4-Trimethylbenzene	0.0888	0.0050	"	0.0988		89.9	70-130			
1,3,5-Trimethylbenzene	0.0892	0.0050	"	0.0988		90.3	70-130			
Naphthalene	0.0888	0.0038	"	0.0988		89.9	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.0426		"	0.0395		108	50-150			
<i>Surrogate: Toluene-d8</i>	0.0407		"	0.0395		103	50-150			
<i>Surrogate: 4-Bromofluorobenzene</i>	0.0406		"	0.0395		103	50-150			

**Matrix Spike (BIL0243-MS1)**

Source: 2512038-01

Prepared & Analyzed: 12/18/25

Benzene	0.129	0.0025	mg/kg dry	0.135	ND	96.1	70-130			
Toluene	0.134	0.0050	"	0.135	ND	99.4	70-130			
Ethylbenzene	0.118	0.0050	"	0.135	ND	87.4	70-130			
m,p-Xylene	0.241	0.010	"	0.269	0.0111	85.5	70-130			
o-Xylene	0.128	0.0050	"	0.135	0.00949	87.7	70-130			
1,2,4-Trimethylbenzene	0.150	0.0050	"	0.135	0.0439	79.1	70-130			
1,3,5-Trimethylbenzene	0.113	0.0050	"	0.135	0.0150	73.2	70-130			
Naphthalene	0.146	0.0038	"	0.135	0.0375	80.9	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.0591		"	0.0538		110	50-150			
<i>Surrogate: Toluene-d8</i>	0.0550		"	0.0538		102	50-150			
<i>Surrogate: 4-Bromofluorobenzene</i>	0.0555		"	0.0538		103	50-150			

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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.



Quandary Consultants  
4480 Garfield St  
Denver CO, 80237

Project: Fabrizio 33-14

Project Number: [none]  
Project Manager: Will Blust

Reported:  
12/22/25 06:59

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

**Summit Scientific**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limit	RPD	RPD Limit	Notes
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**Batch BIL0243 - EPA 5030 Soil MS**

**Matrix Spike Dup (BIL0243-MSD1)**

Source: 2512038-01

Prepared & Analyzed: 12/18/25

Benzene	0.113	0.0025	mg/kg dry	0.133	ND	85.1	70-130	13.6	30	
Toluene	0.115	0.0050	"	0.133	ND	86.7	70-130	15.0	30	
Ethylbenzene	0.104	0.0050	"	0.133	ND	78.7	70-130	11.9	30	
m,p-Xylene	0.213	0.010	"	0.265	0.0111	75.9	70-130	12.6	30	
o-Xylene	0.115	0.0050	"	0.133	0.00949	79.6	70-130	10.1	30	
1,2,4-Trimethylbenzene	0.144	0.0050	"	0.133	0.0439	75.6	70-130	4.22	30	
1,3,5-Trimethylbenzene	0.0985	0.0050	"	0.133	0.0150	62.9	70-130	14.1	30	QM-05
Naphthalene	0.144	0.0038	"	0.133	0.0375	80.0	70-130	1.92	30	
Surrogate: 1,2-Dichloroethane-d4	0.0531		"	0.0531		100	50-150			
Surrogate: Toluene-d8	0.0531		"	0.0531		100	50-150			
Surrogate: 4-Bromofluorobenzene	0.0536		"	0.0531		101	50-150			

**Batch BIL0253 - EPA 5030 Soil MS**

**Blank (BIL0253-BLK1)**

Prepared & Analyzed: 12/19/25

Benzene	ND	0.0025	mg/kg wet							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.015	"							
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	0.0420		"	0.0400		105	50-150			
Surrogate: Toluene-d8	0.0395		"	0.0400		98.8	50-150			
Surrogate: 4-Bromofluorobenzene	0.0414		"	0.0400		104	50-150			

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Quandary Consultants  
4480 Garfield St  
Denver CO, 80237

Project: Fabrizio 33-14

Project Number: [none]  
Project Manager: Will Blust

Reported:  
12/22/25 06:59

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

**Summit Scientific**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limit	RPD	Limit	Notes
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**Batch BIL0253 - EPA 5030 Soil MS**

**LCS (BIL0253-BS1)**

Prepared & Analyzed: 12/19/25

Benzene	0.102	0.0025	mg/kg wet	0.100		102	70-130			
Toluene	0.105	0.0050	"	0.100		105	70-130			
Ethylbenzene	0.101	0.0050	"	0.100		101	70-130			
m,p-Xylene	0.206	0.010	"	0.200		103	70-130			
o-Xylene	0.103	0.0050	"	0.100		103	70-130			
1,2,4-Trimethylbenzene	0.101	0.0050	"	0.100		101	70-130			
1,3,5-Trimethylbenzene	0.101	0.0050	"	0.100		101	70-130			
Naphthalene	0.0942	0.0038	"	0.100		94.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0419		"	0.0400		105	50-150			
Surrogate: Toluene-d8	0.0406		"	0.0400		101	50-150			
Surrogate: 4-Bromofluorobenzene	0.0395		"	0.0400		98.8	50-150			

**Matrix Spike (BIL0253-MS1)**

Source: 2512038-02RE1

Prepared & Analyzed: 12/19/25

Benzene	0.137	0.0025	mg/kg dry	0.135	ND	102	70-130			
Toluene	0.139	0.0050	"	0.135	ND	103	70-130			
Ethylbenzene	0.128	0.0050	"	0.135	0.00574	90.3	70-130			
m,p-Xylene	0.298	0.010	"	0.270	0.0398	95.5	70-130			
o-Xylene	0.162	0.0050	"	0.135	0.0295	98.0	70-130			
1,2,4-Trimethylbenzene	0.275	0.0050	"	0.135	0.130	107	70-130			
1,3,5-Trimethylbenzene	0.135	0.0050	"	0.135	0.0360	73.7	70-130			
Naphthalene	0.182	0.0038	"	0.135	0.0772	77.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0541		"	0.0540		100	50-150			
Surrogate: Toluene-d8	0.0553		"	0.0540		102	50-150			
Surrogate: 4-Bromofluorobenzene	0.0549		"	0.0540		102	50-150			

**Matrix Spike Dup (BIL0253-MSD1)**

Source: 2512038-02RE1

Prepared & Analyzed: 12/19/25

Benzene	0.128	0.0025	mg/kg dry	0.135	ND	95.2	70-130	6.58	30	
Toluene	0.130	0.0050	"	0.135	ND	96.1	70-130	6.61	30	
Ethylbenzene	0.119	0.0050	"	0.135	0.00574	84.0	70-130	6.89	30	
m,p-Xylene	0.296	0.010	"	0.270	0.0398	94.8	70-130	0.696	30	
o-Xylene	0.167	0.0050	"	0.135	0.0295	102	70-130	3.35	30	
1,2,4-Trimethylbenzene	0.305	0.0050	"	0.135	0.130	129	70-130	10.3	30	
1,3,5-Trimethylbenzene	0.135	0.0050	"	0.135	0.0360	73.3	70-130	0.419	30	
Naphthalene	0.201	0.0038	"	0.135	0.0772	91.8	70-130	10.1	30	
Surrogate: 1,2-Dichloroethane-d4	0.0550		"	0.0540		102	50-150			
Surrogate: Toluene-d8	0.0547		"	0.0540		101	50-150			
Surrogate: 4-Bromofluorobenzene	0.0548		"	0.0540		101	50-150			

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Quandary Consultants  
4480 Garfield St  
Denver CO, 80237

Project: Fabrizio 33-14

Project Number: [none]  
Project Manager: Will Blust

**Reported:**  
12/22/25 06:59

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limit	RPD	RPD Limit	Notes
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**Batch BIL0250 - EPA 3550A**

**Blank (BIL0250-BLK1)**

Prepared: 12/18/25 Analyzed: 12/19/25

C10-C28 (DRO)	ND	50	mg/kg wet							
C28-C36 (ORO)	ND	50	"							
Surrogate: <i>o</i> -Terphenyl	24.1		"	24.5		98.6	50-140			

**LCS (BIL0250-BS1)**

Prepared & Analyzed: 12/18/25

C10-C28 (DRO)	510	50	mg/kg wet	509		100	50-140			
C28-C36 (ORO)	482	50	"	509		94.6	0-200			
Surrogate: <i>o</i> -Terphenyl	25.8		"	25.5		101	50-140			

**Matrix Spike (BIL0250-MS1)**

Source: 2512038-02

Prepared & Analyzed: 12/18/25

C10-C28 (DRO)	830	50	mg/kg dry	676	213	91.2	50-140			
C28-C36 (ORO)	748	50	"	676	147	88.9	0-200			
Surrogate: <i>o</i> -Terphenyl	34.0		"	33.8		101	50-140			

**Matrix Spike Dup (BIL0250-MSD1)**

Source: 2512038-02

Prepared & Analyzed: 12/18/25

C10-C28 (DRO)	843	50	mg/kg dry	668	213	94.4	50-140	1.61	20	
C28-C36 (ORO)	802	50	"	668	147	98.1	0-200	6.99	200	
Surrogate: <i>o</i> -Terphenyl	31.2		"	33.4		93.5	50-140			

Summit Scientific

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Quandary Consultants  
4480 Garfield St  
Denver CO, 80237

Project: Fabrizio 33-14

Project Number: [none]  
Project Manager: Will Blust

Reported:  
12/22/25 06:59

**PAH by EPA Method 8270E SIM - Quality Control**

**Summit Scientific**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch BIL0256 - EPA 3550A**

**Blank (BIL0256-BLK1)**

Prepared & Analyzed: 12/19/25

Acenaphthene	ND	0.00500	mg/kg wet							
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	0.0100	"							
Fluoranthene	ND	0.00500	"							
Fluorene	ND	0.00500	"							
Indeno (1,2,3-cd) pyrene	ND	0.0100	"							
Pyrene	ND	0.00500	"							
1-Methylnaphthalene	ND	0.00500	"							
2-Methylnaphthalene	ND	0.00500	"							
Surrogate: 2-Methylnaphthalene-d10	0.0226		"	0.0332		68.1	40-140			
Surrogate: Fluoranthene-d10	0.0217		"	0.0332		65.5	40-140			

**LCS (BIL0256-BS1)**

Prepared & Analyzed: 12/19/25

Acenaphthene	0.0262	0.00500	mg/kg wet	0.0332		78.8	40-140			
Anthracene	0.0266	0.00500	"	0.0332		80.1	40-140			
Benzo (a) anthracene	0.0262	0.00500	"	0.0332		78.9	40-140			
Benzo (a) pyrene	0.0257	0.00500	"	0.0332		77.4	40-140			
Benzo (b) fluoranthene	0.0277	0.00500	"	0.0332		83.3	40-140			
Benzo (k) fluoranthene	0.0279	0.00500	"	0.0332		84.0	40-140			
Chrysene	0.0263	0.00500	"	0.0332		79.3	40-140			
Dibenz (a,h) anthracene	0.0205	0.0100	"	0.0332		61.8	40-140			
Fluoranthene	0.0249	0.00500	"	0.0332		75.1	40-140			
Fluorene	0.0260	0.00500	"	0.0332		78.3	40-140			
Indeno (1,2,3-cd) pyrene	0.0197	0.0100	"	0.0332		59.3	40-140			
Pyrene	0.0249	0.00500	"	0.0332		74.9	40-140			
1-Methylnaphthalene	0.0269	0.00500	"	0.0332		80.9	40-140			
2-Methylnaphthalene	0.0269	0.00500	"	0.0332		81.0	40-140			
Surrogate: 2-Methylnaphthalene-d10	0.0268		"	0.0332		80.7	40-140			
Surrogate: Fluoranthene-d10	0.0266		"	0.0332		80.2	40-140			

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Quandary Consultants  
4480 Garfield St  
Denver CO, 80237

Project: Fabrizio 33-14

Project Number: [none]  
Project Manager: Will Blust

Reported:  
12/22/25 06:59

**PAH by EPA Method 8270E SIM - Quality Control**

**Summit Scientific**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limit	RPD	RPD Limit	Notes
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**Batch BIL0256 - EPA 3550A**

**Matrix Spike (BIL0256-MSI)**

Source: 2512039-01

Prepared & Analyzed: 12/19/25

Acenaphthene	0.0242	0.00500	mg/kg dry	0.0399	ND	60.6	40-140			
Anthracene	0.0244	0.00500	"	0.0399	ND	61.2	40-140			
Benzo (a) anthracene	0.0239	0.00500	"	0.0399	ND	59.9	40-140			
Benzo (a) pyrene	0.0234	0.00500	"	0.0399	ND	58.6	40-140			
Benzo (b) fluoranthene	0.0252	0.00500	"	0.0399	ND	63.1	40-140			
Benzo (k) fluoranthene	0.0245	0.00500	"	0.0399	ND	61.3	40-140			
Chrysene	0.0239	0.00500	"	0.0399	ND	59.9	40-140			
Dibenz (a,h) anthracene	0.0193	0.0100	"	0.0399	ND	48.3	40-140			
Fluoranthene	0.0231	0.00500	"	0.0399	ND	57.8	40-140			
Fluorene	0.0240	0.00500	"	0.0399	ND	60.1	40-140			
Indeno (1,2,3-cd) pyrene	0.0187	0.0100	"	0.0399	ND	46.9	40-140			
Pyrene	0.0229	0.00500	"	0.0399	ND	57.3	40-140			
1-Methylnaphthalene	0.0247	0.00500	"	0.0399	ND	61.9	40-140			
2-Methylnaphthalene	0.0247	0.00500	"	0.0399	ND	61.9	40-140			
Surrogate: 2-Methylnaphthalene-d10	0.0251		"	0.0399		62.8	40-140			
Surrogate: Fluoranthene-d10	0.0246		"	0.0399		61.5	40-140			

**Matrix Spike Dup (BIL0256-MSD1)**

Source: 2512039-01

Prepared & Analyzed: 12/19/25

Acenaphthene	0.0275	0.00500	mg/kg dry	0.0400	ND	68.8	40-140	12.9	30	
Anthracene	0.0282	0.00500	"	0.0400	ND	70.4	40-140	14.3	30	
Benzo (a) anthracene	0.0276	0.00500	"	0.0400	ND	68.9	40-140	14.2	30	
Benzo (a) pyrene	0.0270	0.00500	"	0.0400	ND	67.5	40-140	14.2	30	
Benzo (b) fluoranthene	0.0291	0.00500	"	0.0400	ND	72.6	40-140	14.2	30	
Benzo (k) fluoranthene	0.0287	0.00500	"	0.0400	ND	71.8	40-140	16.0	30	
Chrysene	0.0274	0.00500	"	0.0400	ND	68.4	40-140	13.5	30	
Dibenz (a,h) anthracene	0.0221	0.0100	"	0.0400	ND	55.3	40-140	13.7	30	
Fluoranthene	0.0267	0.00500	"	0.0400	ND	66.7	40-140	14.6	30	
Fluorene	0.0275	0.00500	"	0.0400	ND	68.7	40-140	13.5	30	
Indeno (1,2,3-cd) pyrene	0.0214	0.0100	"	0.0400	ND	53.4	40-140	13.1	30	
Pyrene	0.0263	0.00500	"	0.0400	ND	65.7	40-140	13.8	30	
1-Methylnaphthalene	0.0279	0.00500	"	0.0400	ND	69.6	40-140	11.9	30	
2-Methylnaphthalene	0.0278	0.00500	"	0.0400	ND	69.4	40-140	11.7	30	
Surrogate: 2-Methylnaphthalene-d10	0.0281		"	0.0400		70.3	40-140			
Surrogate: Fluoranthene-d10	0.0282		"	0.0400		70.5	40-140			

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Quandary Consultants  
 4480 Garfield St  
 Denver CO, 80237

Project: Fabrizio 33-14

Project Number: [none]  
 Project Manager: Will Blust

**Reported:**  
 12/22/25 06:59

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch BIL0244 - EPA 3050B**

**Blank (BIL0244-BLK1)**

Prepared: 12/18/25 Analyzed: 12/19/25

Boron ND 1.00 mg/L wet

**LCS (BIL0244-BS1)**

Prepared: 12/18/25 Analyzed: 12/19/25

Boron 5.05 1.00 mg/L wet 4.98 101 80-120

**Duplicate (BIL0244-DUP1)**

**Source: 2512038-01**

Prepared: 12/18/25 Analyzed: 12/19/25

Boron 0.0969 1.00 mg/L dry 0.0887 8.82 20

**Matrix Spike (BIL0244-MS1)**

**Source: 2512038-01**

Prepared: 12/18/25 Analyzed: 12/19/25

Boron 6.39 1.00 mg/L dry 6.74 0.0887 93.6 75-125

**Matrix Spike Dup (BIL0244-MSD1)**

**Source: 2512038-01**

Prepared: 12/18/25 Analyzed: 12/19/25

Boron 6.44 1.00 mg/L dry 6.70 0.0887 94.8 75-125 0.749 25

Summit Scientific

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Quandary Consultants  
4480 Garfield St  
Denver CO, 80237

Project: Fabrizio 33-14

Project Number: [none]  
Project Manager: Will Blust

**Reported:**  
12/22/25 06:59

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

**Summit Scientific**

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

**Batch BIL0245 - EPA 3050B**

**Blank (BIL0245-BLK1)**

Prepared: 12/18/25 Analyzed: 12/19/25

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 (BIL0245-BS1)**

Prepared: 12/18/25 Analyzed: 12/19/25

Arsenic	39.4	0.200	mg/kg wet	38.8	102	80-120
Barium	39.1	0.400	"	38.8	101	80-120
Cadmium	1.92	0.200	"	1.94	99.1	80-120
Copper	39.4	0.400	"	38.8	102	80-120
Lead	19.6	0.200	"	19.4	101	80-120
Nickel	39.2	0.400	"	38.8	101	80-120
Silver	1.93	0.0200	"	1.94	99.8	80-120
Zinc	39.6	0.400	"	38.8	102	80-120
Selenium	4.04	0.260	"	3.88	104	80-120

**Duplicate (BIL0245-DUP1)**

Source: 2512038-01

Prepared: 12/18/25 Analyzed: 12/19/25

Arsenic	2.71	0.200	mg/kg dry	2.36	13.7	20	
Barium	739	0.400	"	536	31.8	20	QR-04
Cadmium	0.443	0.200	"	0.391	12.5	20	
Copper	6.07	0.400	"	5.15	16.5	20	
Lead	7.87	0.200	"	5.28	39.4	20	QR-04
Nickel	5.65	0.400	"	5.19	8.39	20	
Silver	0.0199	0.0200	"	0.0193	2.74	20	
Zinc	23.9	0.400	"	21.4	11.0	20	
Selenium	ND	0.260	"	ND		20	

Summit Scientific

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Quandary Consultants  
4480 Garfield St  
Denver CO, 80237

Project: Fabrizio 33-14

Project Number: [none]  
Project Manager: Will Blust

**Reported:**  
12/22/25 06:59

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

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

**Batch BIL0245 - EPA 3050B**

**Matrix Spike (BIL0245-MSI)**

Source: 2512038-01

Prepared: 12/18/25 Analyzed: 12/19/25

Arsenic	55.8	0.200	mg/kg dry	54.2	2.36	98.6	75-125			
Barium	330	0.400	"	54.2	536	NR	75-125			QM-05
Cadmium	3.05	0.200	"	2.71	0.391	98.3	75-125			
Copper	55.7	0.400	"	54.2	5.15	93.4	75-125			
Lead	32.4	0.200	"	27.1	5.28	100	75-125			
Nickel	55.5	0.400	"	54.2	5.19	92.9	75-125			
Silver	2.64	0.0200	"	2.71	0.0193	96.7	75-125			
Zinc	73.3	0.400	"	54.2	21.4	95.8	75-125			
Selenium	5.46	0.260	"	5.42	ND	101	75-125			

**Matrix Spike Dup (BIL0245-MSD1)**

Source: 2512038-01

Prepared: 12/18/25 Analyzed: 12/19/25

Arsenic	54.1	0.200	mg/kg dry	52.1	2.36	99.3	75-125	3.12	25	
Barium	463	0.400	"	52.1	536	NR	75-125	33.7	25	QM-05
Cadmium	3.03	0.200	"	2.60	0.391	101	75-125	0.879	25	
Copper	54.0	0.400	"	52.1	5.15	93.8	75-125	3.25	25	
Lead	32.1	0.200	"	26.0	5.28	103	75-125	0.776	25	
Nickel	53.9	0.400	"	52.1	5.19	93.5	75-125	3.04	25	
Silver	2.54	0.0200	"	2.60	0.0193	97.0	75-125	3.67	25	
Zinc	73.3	0.400	"	52.1	21.4	99.7	75-125	0.00678	25	
Selenium	5.29	0.260	"	5.21	ND	102	75-125	3.26	25	

Summit Scientific

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Quandary Consultants  
4480 Garfield St  
Denver CO, 80237

Project: Fabrizio 33-14

Project Number: [none]  
Project Manager: Will Blust

**Reported:**  
12/22/25 06:59

**Hexavalent Chromium by HACH M8023 - Quality Control**  
**Summit Scientific**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limit	RPD	RPD Limit	Notes
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**Batch BIL0247 - 3060A\_Mod**

<b>Blank (BIL0247-BLK1)</b>		Prepared: 12/18/25 Analyzed: 12/19/25								
Chromium, Hexavalent	ND	0.30	mg/kg wet							
<b>LCS (BIL0247-BS1)</b>		Prepared: 12/18/25 Analyzed: 12/19/25								
Chromium, Hexavalent	25.3	0.30	mg/kg wet	24.8		102	80-120			
<b>Duplicate (BIL0247-DUP1)</b>		Source: 2512038-01 Prepared: 12/18/25 Analyzed: 12/19/25								
Chromium, Hexavalent	ND	0.30	mg/kg dry		ND				20	
<b>Matrix Spike (BIL0247-MS1)</b>		Source: 2512038-01 Prepared: 12/18/25 Analyzed: 12/19/25								
Chromium, Hexavalent	33.5	0.30	mg/kg dry	32.6	ND	103	75-125			
<b>Matrix Spike Dup (BIL0247-MSD1)</b>		Source: 2512038-01 Prepared: 12/18/25 Analyzed: 12/19/25								
Chromium, Hexavalent	29.7	0.30	mg/kg dry	33.2	ND	89.4	75-125	12.0	20	

Summit Scientific

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 4480 Garfield St  
 Denver CO, 80237

Project: Fabrizio 33-14

Project Number: [none]  
 Project Manager: Will Blust

**Reported:**  
 12/22/25 06:59

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

**Summit Scientific**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limit	RPD	Limit	Notes
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**Batch BIL0246 - General Preparation**

**Blank (BIL0246-BLK1)**

Prepared: 12/18/25 Analyzed: 12/19/25

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

**LCS (BIL0246-BS1)**

Prepared: 12/18/25 Analyzed: 12/19/25

Calcium	5.12	0.0500	mg/L wet	5.00		102	70-130			
Magnesium	5.01	0.0500	"	5.00		100	70-130			
Sodium	4.96	0.0500	"	5.00		99.2	70-130			

Summit Scientific

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Quandary Consultants  
 4480 Garfield St  
 Denver CO, 80237

Project: Fabrizio 33-14

Project Number: [none]  
 Project Manager: Will Blust

**Reported:**  
 12/22/25 06:59

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

**Summit Scientific**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch BIL0248 - General Preparation**

**Duplicate (BIL0248-DUP1)**

**Source: 2512038-01**

Prepared: 12/18/25 Analyzed: 12/19/25

% Solids	75.5		%		74.5			1.36	20	
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Summit Scientific

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Quandary Consultants  
 4480 Garfield St  
 Denver CO, 80237

Project: Fabrizio 33-14

Project Number: [none]  
 Project Manager: Will Blust

**Reported:**  
 12/22/25 06:59

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

**Summit Scientific**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch BIL0251 - General Preparation**

**Blank (BIL0251-BLK1)**

Prepared: 12/18/25 Analyzed: 12/19/25

Specific Conductance (EC) ND 0.0100 mmhos/cm

**LCS (BIL0251-BS1)**

Prepared: 12/18/25 Analyzed: 12/19/25

Specific Conductance (EC) 1.39 0.0100 mmhos/cm 1.41 98.7 95-105

**Duplicate (BIL0251-DUP1)**

**Source: 2512038-01**

Prepared: 12/18/25 Analyzed: 12/19/25

Specific Conductance (EC) 0.282 0.0100 mmhos/cm 0.281 0.349 20

Summit Scientific

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Quandary Consultants  
4480 Garfield St  
Denver CO, 80237

Project: Fabrizio 33-14

Project Number: [none]  
Project Manager: Will Blust

**Reported:**  
12/22/25 06:59

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

**Summit Scientific**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limit	RPD	Limit	Notes
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**Batch BIL0249 - General Preparation**

**LCS (BIL0249-BS1)**

Prepared: 12/18/25 Analyzed: 12/19/25

pH 9.11 pH Units 9.18 99.2 95-105

**Duplicate (BIL0249-DUP1)**

**Source: 2512038-01**

Prepared: 12/18/25 Analyzed: 12/19/25

pH 8.30 pH Units 8.27 0.398 20

Summit Scientific

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Quandary Consultants  
4480 Garfield St  
Denver CO, 80237

Project: Fabrizio 33-14

Project Number: [none]  
Project Manager: Will Blust

**Reported:**  
12/22/25 06:59

### Notes and Definitions

- QR-04 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits. Sample results were accepted based on LCS and/or LCSD recoveries and/or RPD values. Only applies to source/DUP and MS/MSD pairs.
- QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. Sample results were accepted based on LCS and/or LCSD recoveries and/or RPD values.
- 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