

December 20, 2023

Evergreen Natural Resources LLC

T.J. Fernandez

27000 Hwy 12

Trinidad CO 81082

Project Name - 915 Soils

Project Number - [none]

Attached are your analytical results for 915 Soils received by Origins Laboratory, Inc. November 29, 2023. This project is associated with Origins project number Y311664-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.
303.433.1322
o-squad@oelabinc.com



Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Jan H State 14-16 Offsite SS1	Y311664-01	Soil	November 21, 2023 12:10	11/29/2023 08:59
Jan H State 14-16 Offsite SS2	Y311664-02	Soil	November 21, 2023 12:10	11/29/2023 08:59
Jan H State 14-16 Offsite SS3	Y311664-03	Soil	November 21, 2023 12:10	11/29/2023 08:59
Jan H State 14-16 Offsite Native	Y311664-04	Soil	November 21, 2023 12:10	11/29/2023 08:59
Blue Heron 11-17 SS1	Y311664-05	Soil	November 28, 2023 9:40	11/29/2023 08:59
Blue Heron 11-17 SS2	Y311664-06	Soil	November 28, 2023 9:40	11/29/2023 08:59
Blue Heron 11-17 SS3	Y311664-07	Soil	November 28, 2023 9:40	11/29/2023 08:59
Blue Heron 11-17 Native	Y311664-08	Soil	November 28, 2023 9:40	11/29/2023 08:59

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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.

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

www.originslaboratory.com

page 1 of 1

8110604

ORIGINS LABORATORY, INC

Client: Evergreen Natural Resources LLC
Address: 27000 Hwy 12 Trinidad, CO 81082

Project Manager:
Project Name:
Project Number:
Samples Collected By: T. Fernandez

Telephone Number: 719-220-4330
Email Address: labs@enrlc.com

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative					Matrix				Analysis	Sample Instructions
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa #	Other			
Jan H State 14-16 Offsite SS1	11-21-23	12:10	5	X					X			Full 915-1 Analytes	1	Same Day <input type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input type="checkbox"/> 72 Hr <input type="checkbox"/> Standard <input checked="" type="checkbox"/>
Jan H State 14-16 Offsite SS2	11-21-23	12:10	3	X					X			915-1 Suitability for Remediation and Metals	2	
Jan H State 14-16 Offsite SS3	11-21-23	12:10	3	X					X			915-1 Suitability for Remediation and Metals	3	
Jan H State 14-16 Offsite Native	11-21-23	12:10	3	X					X			915-1 Suitability for Remediation and Metals	4	
Blue Heron 11-17 SS1	11-28-23	09:40	5	X					X			Full 915-1 Analytes	5	
Blue Heron 11-17 SS2	11-28-23	09:40	3	X					X			915-1 Suitability for Remediation and Metals	6	
Blue Heron 11-17 SS3	11-28-23	09:40	3	X					X			915-1 Suitability for Remediation and Metals	7	
Blue Heron 11-17 Native	11-28-23	09:40	3	X					X			915-1 Suitability for Remediation and Metals	8	
													9	
													10	
Relinquished By: T. Fernandez	Date: 11-28-23	Time: 1600							Received By: Alison Purcell	Date: 11/29/23	Time: 8:54	Turnaround Time: Same Day <input type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input type="checkbox"/> 72 Hr <input type="checkbox"/> Standard <input checked="" type="checkbox"/>		
Relinquished By:	Date:	Time:							Received By:	Date:	Time:			

Date Results Needed

1/10

605# 221002

Origins Laboratory, Inc.

Jefe Pellegrini

Jen Pellegrini, Project Manager

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.

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

Origins Laboratory

F-012207-01-R1
Effective Date: 01/09/12

Sample Receipt Checklist

Origins Work Order: 31111111

Client: Evergreen Natural

Client Project ID: _____

Checklist Completed by: TJH/ENS

Shipped Via: HL

(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Date/time completed: 11/29/23

Airbill #: N/A

Matrix(s) Received: (Check all that apply): X Soil/Solid _____ Water _____ Other: _____

Cooler Number/Temperature: 1, 1.4 °C _____ °C _____ °C (Describe) _____ °C

Thermometer ID: 7004

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	signed, dated intact
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)	<input type="checkbox"/>	<input checked="" 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"/>	
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	no proj manager or proj name
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water – is there headspace (> ¼ inch bubble) 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 and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)/(pH <2 for samples preserved with HNO ₃ , HCL, H ₂ SO ₄) / (pH >10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Additional Comments (if any): <u>whiteout on COC</u>				

⁽¹⁾ If NO, then contact the client before proceeding with analysis and note date, time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

Reviewed by (Project Manager) [Signature]

12/1/23
Date/Time Reviewed

Origins Laboratory, Inc.

Jefe Pellegrini

Jen Pellegrini, Project Manager

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.

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

Jan H State 14-16 Offsite SS1

11/21/2023 12:10:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory, Inc. Y311664-01 (Soil)

Boron (DTPA Sorbitol)

Boron	0.356	0.100	mg/L	1	B3L0106	12/01/2023	12/05/2023
-------	-------	-------	------	---	---------	------------	------------

DRO/ORO by EPA 8015D

Diesel (C10-C28)	31.2	25.0	mg/kg	1	B3K3003	11/30/2023	12/01/2023
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	U

Surrogate: o-Terphenyl	92.3 %	50-150	"	"	"
------------------------	--------	--------	---	---	---

GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3L0115	12/01/2023	12/01/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	101 %	70-130	"	"	"
Surrogate: Toluene-d8	96.6 %	70-130	"	"	"

Origins Laboratory, Inc.



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.

Jen Pellegrini, Project Manager

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

Jan H State 14-16 Offsite SS1

11/21/2023 12:10:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory, Inc. Y311664-01 (Soil)

GBTEX+TMBs by 8260D

Surrogate: 4-Bromofluorobenzene	100 %	70-130	B3L01 15	12/01/2023	12/01/2023
---------------------------------	-------	--------	-------------	------------	------------

Metals by Saturated Paste by EPA 6010

Calcium	2.41	0.499	meq/L	10	[CALC]	12/01/2023	12/03/2023
Magnesium	1.42	0.823	"	"	"	"	"
Sodium	ND	0.435	"	"	"	"	"

PAH by EPA 8270E

1-Methylnaphthalene	ND	0.002	mg/kg	1	B3K3022	11/30/2023	12/09/2023	U
2-Methylnaphthalene	ND	0.002	"	"	"	"	"	U
Acenaphthene	ND	0.020	"	"	"	"	"	U
Anthracene	ND	0.020	"	"	"	"	"	U
Benzo (a) anthracene	ND	0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND	0.020	"	"	"	"	"	U
Benzo (b) fluoranthene	ND	0.020	"	"	"	"	"	U
Benzo (k) fluoranthene	ND	0.020	"	"	"	"	"	U
Chrysene	0.031	0.020	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.020	"	"	"	"	"	U
Fluoranthene	ND	0.020	"	"	"	"	"	U
Fluorene	ND	0.020	"	"	"	"	"	U

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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.

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

Jan H State 14-16 Offsite SS1

11/21/2023 12:10:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory, Inc. Y311664-01 (Soil)

PAH by EPA 8270E

Indeno (1,2,3-cd) pyrene	ND	0.020	mg/kg	1	B3K3022	11/30/2023	12/09/2023	U
Naphthalene	ND	0.002	"	"	"	"	"	U
Pyrene	ND	0.020	"	"	"	"	"	U

Surrogate: Fluorene-d10	103 %	60-130	"	"	"
Surrogate: Anthracene-d10	95.5 %	60-130	"	"	"
Surrogate: Pyrene-d10	99.1 %	60-130	"	"	"
Surrogate: Benzo (a) pyrene-d12	99.9 %	60-130	"	"	"

pH in Soil by 9045D

pH	8.13	pH Units	1	B3L0112	12/01/2023	12/02/2023
----	------	----------	---	---------	------------	------------

SAR by 20B Saturated Paste

SAR	0.208	0.0100	SAR	1	B3L0109	12/01/2023	12/03/2023
-----	-------	--------	-----	---	---------	------------	------------

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.432	0.00500	mmhos/cm	1	B3L0112	12/01/2023	12/02/2023
---------------------------	-------	---------	----------	---	---------	------------	------------

Table 915 metals by EPA 6020B

Arsenic	2.65	0.0978	mg/kg	10	B3L1815	12/18/2023	12/19/2023
---------	------	--------	-------	----	---------	------------	------------

Origins Laboratory, Inc.



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.

Jen Pellegrini, Project Manager

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

Jan H State 14-16 Offsite SS1

11/21/2023 12:10:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory, Inc. Y311664-01 (Soil)

Table 915 metals by EPA 6020B

Barium	352	9.78	mg/kg	10	B3L1815	12/18/2023	12/19/2023	
Cadmium	0.307	0.0978	"	"	"	"	"	
Copper	35.3	9.78	"	"	"	"	"	
Lead	15.7	0.978	"	"	"	"	"	
Nickel	13.7	0.978	"	"	"	"	"	
Selenium	0.637	0.0978	"	"	"	"	"	
Silver	ND	0.0978	"	"	"	"	"	U
Zinc	92.4	9.78	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	1.22	2.5	mg/Kg	5	L720907	11/21/2023	12/07/2023
----------------------	----	------	-----	-------	---	---------	------------	------------

Origins Laboratory, Inc.



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.

Jen Pellegrini, Project Manager

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

Jan H State 14-16 Offsite SS2

11/21/2023 12:10:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory, Inc. Y311664-02 (Soil)

Boron (DTPA Sorbitol)

Boron	ND	0.100	mg/L	1	B3L0106	12/01/2023	12/05/2023	U
-------	----	-------	------	---	---------	------------	------------	---

Metals by Saturated Paste by EPA 6010

Calcium	ND	0.499	meq/L	10	[CALC]	12/01/2023	12/03/2023
Magnesium	ND	0.823	"	"	"	"	"
Sodium	1.59	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.21	pH Units	1	B3L0112	12/01/2023	12/02/2023
----	------	----------	---	---------	------------	------------

SAR by 20B Saturated Paste

SAR	2.88	0.0100	SAR	1	B3L0109	12/01/2023	12/03/2023
-----	------	--------	-----	---	---------	------------	------------

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.252	0.00500	mmhos/cm	1	B3L0112	12/01/2023	12/02/2023
---------------------------	-------	---------	----------	---	---------	------------	------------

Table 915 metals by EPA 6020B

Arsenic	1.80	0.0845	mg/kg	10	B3L1815	12/18/2023	12/19/2023
Barium	338	8.45	"	"	"	"	"
Cadmium	0.351	0.0845	"	"	"	"	"
Copper	33.9	8.45	"	"	"	"	"

Origins Laboratory, Inc.



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.

Jen Pellegrini, Project Manager

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

Jan H State 14-16 Offsite SS2

11/21/2023 12:10:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory, Inc. Y311664-02 (Soil)

Table 915 metals by EPA 6020B

Lead	17.1	0.845	mg/kg	10	B3L1815	12/18/2023	12/19/2023	
Nickel	13.7	0.845	"	"	"	"	"	
Selenium	0.317	0.0845	"	"	"	"	"	
Silver	ND	0.0845	"	"	"	"	"	U
Zinc	91.8	8.45	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L720907	11/21/2023	12/07/2023
----------------------	----	-------	-----	-------	---	---------	------------	------------

Origins Laboratory, Inc.



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.

Jen Pellegrini, Project Manager

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

Jan H State 14-16 Offsite SS3

11/21/2023 12:10:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory, Inc. Y311664-03 (Soil)

Boron (DTPA Sorbitol)

Boron	0.159	0.101	mg/L	1	B3L0106	12/01/2023	12/05/2023
-------	-------	-------	------	---	---------	------------	------------

Metals by Saturated Paste by EPA 6010

Calcium	2.28	0.499	meq/L	10	[CALC]	12/02/2023	12/04/2023
Magnesium	ND	0.823	"	"	"	"	"
Sodium	ND	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.25		pH Units	1	B3L0207	12/02/2023	12/04/2023
----	------	--	----------	---	---------	------------	------------

SAR by 20B Saturated Paste

SAR	0.0983	0.0100	SAR	1	B3L0203	12/02/2023	12/04/2023
-----	--------	--------	-----	---	---------	------------	------------

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.330	0.00500	mmhos/cm	1	B3L0207	12/02/2023	12/04/2023
---------------------------	-------	---------	----------	---	---------	------------	------------

Table 915 metals by EPA 6020B

Arsenic	2.36	0.0873	mg/kg	10	B3L1815	12/18/2023	12/19/2023
Barium	289	8.73	"	"	"	"	"
Cadmium	0.217	0.0873	"	"	"	"	"
Copper	24.8	8.73	"	"	"	"	"

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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.

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

Jan H State 14-16 Offsite SS3

11/21/2023 12:10:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory, Inc. Y311664-03 (Soil)

Table 915 metals by EPA 6020B

Lead	15.0	0.873	mg/kg	10	B3L1815	12/18/2023	12/19/2023	
Nickel	11.7	0.873	"	"	"	"	"	
Selenium	0.319	0.0873	"	"	"	"	"	
Silver	ND	0.0873	"	"	"	"	"	U
Zinc	83.7	8.73	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.488	1	mg/Kg	2	L720907	11/21/2023	12/07/2023
----------------------	----	-------	---	-------	---	---------	------------	------------

Origins Laboratory, Inc.



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.

Jen Pellegrini, Project Manager

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

Jan H State 14-16 Offsite Native
11/21/2023 12:10:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory, Inc.
Y311664-04 (Soil)

Boron (DTPA Sorbitol)

Boron	0.171	0.0998	mg/L	1	B3L0106	12/01/2023	12/05/2023
-------	-------	--------	------	---	---------	------------	------------

Metals by Saturated Paste by EPA 6010

Calcium	2.16	0.499	meq/L	10	[CALC]	12/02/2023	12/04/2023
Magnesium	ND	0.823	"	"	"	"	"
Sodium	ND	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.19		pH Units	1	B3L0207	12/02/2023	12/04/2023
----	------	--	----------	---	---------	------------	------------

SAR by 20B Saturated Paste

SAR	0.141	0.0100	SAR	1	B3L0203	12/02/2023	12/04/2023
-----	-------	--------	-----	---	---------	------------	------------

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.340	0.00500	mmhos/cm	1	B3L0207	12/02/2023	12/04/2023
---------------------------	-------	---------	----------	---	---------	------------	------------

Table 915 metals by EPA 6020B

Arsenic	3.12	0.0943	mg/kg	10	B3L1815	12/18/2023	12/19/2023
Barium	327	9.43	"	"	"	"	"
Cadmium	0.255	0.0943	"	"	"	"	"
Copper	29.4	9.43	"	"	"	"	"

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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.

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

Jan H State 14-16 Offsite Native

11/21/2023 12:10:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory, Inc. Y311664-04 (Soil)

Table 915 metals by EPA 6020B

Lead	17.2	0.943	mg/kg	10	B3L1815	12/18/2023	12/19/2023	
Nickel	13.9	0.943	"	"	"	"	"	
Selenium	0.455	0.0943	"	"	"	"	"	
Silver	ND	0.0943	"	"	"	"	"	U
Zinc	95.2	9.43	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.488	1	mg/Kg	2	L720907	11/21/2023	12/07/2023
----------------------	----	-------	---	-------	---	---------	------------	------------

Origins Laboratory, Inc.



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.

Jen Pellegrini, Project Manager

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

Blue Heron 11-17 SS1
11/28/2023 9:40:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory, Inc.
Y311664-05 (Soil)

Boron (DTPA Sorbitol)

Boron	0.262	0.101	mg/L	1	B3L0408	12/04/2023	12/05/2023	
-------	-------	-------	------	---	---------	------------	------------	--

DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3K3003	11/30/2023	12/01/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	79.4 %	50-150			"	"	"	
------------------------	--------	--------	--	--	---	---	---	--

GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3L0115	12/01/2023	12/01/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	114 %	70-130			"	"	"	
----------------------------------	-------	--------	--	--	---	---	---	--

Origins Laboratory, Inc.



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.

Jen Pellegrini, Project Manager

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

Blue Heron 11-17 SS1
11/28/2023 9:40:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory, Inc.
Y311664-05 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	97.0 %	70-130	B3L01 15	12/01/2023	12/01/2023
Surrogate: 4-Bromofluorobenzene	105 %	70-130	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	2.19	0.499	meq/L	10	[CALC]	12/02/2023	12/04/2023
Magnesium	ND	0.823	"	"	"	"	"
Sodium	4.48	0.435	"	"	"	"	"

PAH by EPA 8270E

1-Methylnaphthalene	ND	0.002	mg/kg	1	B3L0120	12/01/2023	12/09/2023	U
2-Methylnaphthalene	ND	0.002	"	"	"	"	"	U
Acenaphthene	ND	0.020	"	"	"	"	"	U
Anthracene	ND	0.020	"	"	"	"	"	U
Benzo (a) anthracene	ND	0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND	0.020	"	"	"	"	"	U
Benzo (b) fluoranthene	ND	0.020	"	"	"	"	"	U
Benzo (k) fluoranthene	ND	0.020	"	"	"	"	"	U
Chrysene	ND	0.020	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND	0.020	"	"	"	"	"	U
Fluoranthene	ND	0.020	"	"	"	"	"	U

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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.

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

Blue Heron 11-17 SS1
11/28/2023 9:40:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory, Inc.
Y311664-05 (Soil)

PAH by EPA 8270E

Fluorene	ND	0.020	mg/kg	1	B3L0120	12/01/2023	12/09/2023	U
Indeno (1,2,3-cd) pyrene	ND	0.020	"	"	"	"	"	U
Naphthalene	ND	0.002	"	"	"	"	"	U
Pyrene	ND	0.020	"	"	"	"	"	U

Surrogate: Fluorene-d10	103 %	60-130	"	"	"
Surrogate: Anthracene-d10	98.1 %	60-130	"	"	"
Surrogate: Pyrene-d10	96.8 %	60-130	"	"	"
Surrogate: Benzo (a) pyrene-d12	98.5 %	60-130	"	"	"

pH in Soil by 9045D

pH	8.15	pH Units	1	B3L0207	12/02/2023	12/04/2023
----	------	----------	---	---------	------------	------------

SAR by 20B Saturated Paste

SAR	3.73	0.0100	SAR	1	B3L0203	12/02/2023	12/04/2023
-----	------	--------	-----	---	---------	------------	------------

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.761	0.00500	mmhos/cm	1	B3L0207	12/02/2023	12/04/2023
---------------------------	-------	---------	----------	---	---------	------------	------------

Table 915 metals by EPA 6020B

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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.

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

Blue Heron 11-17 SS1
11/28/2023 9:40:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	------------------------	--------------------	-------	----------	-------	----------	----------	-------

Origins Laboratory, Inc.
Y311664-05 (Soil)

Table 915 metals by EPA 6020B

Arsenic	2.04	0.0901	mg/kg	10	B3L1815	12/18/2023	12/19/2023
Barium	241	9.01	"	"	"	"	"
Cadmium	0.239	0.0901	"	"	"	"	"
Copper	33.2	9.01	"	"	"	"	"
Lead	12.5	0.901	"	"	"	"	"
Nickel	13.5	0.901	"	"	"	"	"
Selenium	0.398	0.0901	"	"	"	"	"
Silver	0.0937	0.0901	"	"	"	"	"
Zinc	72.9	9.01	"	"	"	"	"

Total Metals by 7196A

Chromium, Hexavalent	ND	0.488	1	mg/Kg	2	L720907	11/21/2023	12/07/2023
----------------------	----	-------	---	-------	---	---------	------------	------------

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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.

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

Blue Heron 11-17 SS2
11/28/2023 9:40:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory, Inc.
Y311664-06 (Soil)

Boron (DTPA Sorbitol)

Boron	0.273	0.0987	mg/L	1	B3L0408	12/04/2023	12/05/2023
-------	-------	--------	------	---	---------	------------	------------

Metals by Saturated Paste by EPA 6010

Calcium	1.85	0.499	meq/L	10	[CALC]	12/02/2023	12/04/2023
Magnesium	ND	0.823	"	"	"	"	"
Sodium	3.97	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	7.90		pH Units	1	B3L0207	12/02/2023	12/04/2023
----	------	--	----------	---	---------	------------	------------

SAR by 20B Saturated Paste

SAR	3.59	0.0100	SAR	1	B3L0203	12/02/2023	12/04/2023
-----	------	--------	-----	---	---------	------------	------------

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.649	0.00500	mmhos/cm	1	B3L0207	12/02/2023	12/04/2023
---------------------------	-------	---------	----------	---	---------	------------	------------

Table 915 metals by EPA 6020B

Arsenic	2.23	0.0936	mg/kg	10	B3L1815	12/18/2023	12/19/2023
Barium	219	9.36	"	"	"	"	"
Cadmium	0.228	0.0936	"	"	"	"	"
Copper	31.8	9.36	"	"	"	"	"

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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.

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

Blue Heron 11-17 SS2
11/28/2023 9:40:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	------------------------	--------------------	-------	----------	-------	----------	----------	-------

Origins Laboratory, Inc.
Y311664-06 (Soil)

Table 915 metals by EPA 6020B

Lead	13.0	0.936	mg/kg	10	B3L1815	12/18/2023	12/19/2023	
Nickel	14.7	0.936	"	"	"	"	"	
Selenium	0.363	0.0936	"	"	"	"	"	
Silver	ND	0.0936	"	"	"	"	"	U
Zinc	74.0	9.36	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.488	1	mg/Kg	2	L720907	11/21/2023	12/07/2023
----------------------	----	-------	---	-------	---	---------	------------	------------

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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.

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

Blue Heron 11-17 SS3
11/28/2023 9:40:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory, Inc.
Y311664-07 (Soil)

Boron (DTPA Sorbitol)

Boron	0.254	0.102	mg/L	1	B3L0408	12/04/2023	12/05/2023
-------	-------	-------	------	---	---------	------------	------------

Metals by Saturated Paste by EPA 6010

Calcium	1.78	0.499	meq/L	10	[CALC]	12/02/2023	12/04/2023
Magnesium	ND	0.823	"	"	"	"	"
Sodium	5.41	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.31		pH Units	1	B3L0207	12/02/2023	12/04/2023
----	------	--	----------	---	---------	------------	------------

SAR by 20B Saturated Paste

SAR	4.99	0.0100	SAR	1	B3L0203	12/02/2023	12/04/2023
-----	------	--------	-----	---	---------	------------	------------

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.844	0.00500	mmhos/cm	1	B3L0207	12/02/2023	12/04/2023
---------------------------	-------	---------	----------	---	---------	------------	------------

Table 915 metals by EPA 6020B

Arsenic	2.63	0.0944	mg/kg	10	B3L1815	12/18/2023	12/19/2023
Barium	276	9.44	"	"	"	"	"
Cadmium	0.370	0.0944	"	"	"	"	"
Copper	45.3	9.44	"	"	"	"	"

Origins Laboratory, Inc.



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.

Jen Pellegrini, Project Manager

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

Blue Heron 11-17 SS3
11/28/2023 9:40:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory, Inc.
Y311664-07 (Soil)

Table 915 metals by EPA 6020B

Lead	17.9	0.944	mg/kg	10	B3L1815	12/18/2023	12/19/2023	
Nickel	18.2	0.944	"	"	"	"	"	
Selenium	0.505	0.0944	"	"	"	"	"	
Silver	ND	0.0944	"	"	"	"	"	U
Zinc	101	9.44	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.488	1	mg/Kg	2	L720907	11/21/2023	12/07/2023
----------------------	----	-------	---	-------	---	---------	------------	------------

Origins Laboratory, Inc.



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.

Jen Pellegrini, Project Manager

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

Blue Heron 11-17 Native

11/28/2023 9:40:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory, Inc. Y311664-08 (Soil)

Boron (DTPA Sorbitol)

Boron	ND	0.988	mg/L	10	B3L0408	12/04/2023	12/05/2023	U
-------	----	-------	------	----	---------	------------	------------	---

Metals by Saturated Paste by EPA 6010

Calcium	1.17	0.499	meq/L	"	[CALC]	12/02/2023	12/04/2023
Magnesium	ND	0.823	"	"	"	"	"
Sodium	0.463	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	7.55	pH Units	1	B3L0207	12/02/2023	12/04/2023
----	------	----------	---	---------	------------	------------

SAR by 20B Saturated Paste

SAR	0.494	0.0100	SAR	1	B3L0203	12/02/2023	12/04/2023
-----	-------	--------	-----	---	---------	------------	------------

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.222	0.00500	mmhos/cm	1	B3L0207	12/02/2023	12/04/2023
---------------------------	-------	---------	----------	---	---------	------------	------------

Table 915 metals by EPA 6020B

Arsenic	3.42	0.0948	mg/kg	10	B3L1815	12/18/2023	12/19/2023
Barium	226	9.48	"	"	"	"	"
Cadmium	0.361	0.0948	"	"	"	"	"
Copper	37.4	9.48	"	"	"	"	"

Origins Laboratory, Inc.



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.

Jen Pellegrini, Project Manager

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

Blue Heron 11-17 Native

11/28/2023 9:40:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory, Inc. Y311664-08 (Soil)

Table 915 metals by EPA 6020B

Lead	18.1	0.948	mg/kg	10	B3L1815	12/18/2023	12/19/2023	
Nickel	22.1	0.948	"	"	"	"	"	
Selenium	0.838	0.0948	"	"	"	"	"	
Silver	ND	0.0948	"	"	"	"	"	U
Zinc	89.7	9.48	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.488	1	mg/Kg	2	L720907	11/21/2023	12/07/2023
----------------------	----	-------	---	-------	---	---------	------------	------------

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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.

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

Extractable Petroleum Hydrocarbons by 8015D - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3K3003 - EPA 3550B										
Blank (B3K3003-BLK1)					Prepared: 11/30/2023 Analyzed: 12/01/2023					
Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	24		"	24.9		94.9	50-150			

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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.

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

Extractable Petroleum Hydrocarbons by 8015D - Quality Control Origins Laboratory, Inc.

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

Batch B3K3003 - EPA 3550B

LCS (B3K3003-BS1)

Prepared: 11/30/2023 Analyzed: 12/01/2023

Diesel (C10-C28)	961	50.0	mg/kg	1000		96.1	70-130			
Residual Range Organics (C28-C40)	977	200	"	1000		97.7	70-130			
Surrogate: o-Terphenyl	48		"	49.8		96.0	50-150			

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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.

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

Extractable Petroleum Hydrocarbons by 8015D - Quality Control Origins Laboratory, Inc.

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

Batch B3K3003 - EPA 3550B

Matrix Spike (B3K3003-MS1)		Source: Y311644-01			Prepared: 11/30/2023 Analyzed: 12/01/2023					
Diesel (C10-C28)	930	50.0	mg/kg	1000	ND	93.0	70-130			
Residual Range Organics (C28-C40)	913	200	"	1000	ND	91.3	70-130			
Surrogate: o-Terphenyl	42		"	49.8		83.6	50-150			

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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.

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

Extractable Petroleum Hydrocarbons by 8015D - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3K3003 - EPA 3550B										
Matrix Spike Dup (B3K3003-MSD1)			Source: Y311644-01			Prepared: 11/30/2023 Analyzed: 12/01/2023				
Diesel (C10-C28)	855	50.0	mg/kg	1000	ND	85.5	70-130	8.42	35	
Residual Range Organics (C28-C40)	909	200	"	1000	ND	90.9	70-130	0.372	35	
Surrogate: o-Terphenyl	47		"	49.8		95.3	50-150			

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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.

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

Extractable Petroleum Hydrocarbons by 8015D - Quality Control

Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3L0115 - EPA 5030 (soil)										
Blank (B3L0115-BLK1)					Prepared: 12/01/2023 Analyzed: 12/01/2023					
1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							U
1,3,5-Trimethylbenzene	ND	0.00200	"							U
Benzene	ND	0.00200	"							U
Ethylbenzene	ND	0.00200	"							U
Naphthalene	ND	0.00380	"							U
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.11		"	0.125		86.3	70-130			
Surrogate: Toluene-d8	0.11		"	0.125		91.4	70-130			
Surrogate: 4-Bromofluorobenzene	0.11		"	0.125		90.6	70-130			

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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.

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3L0115 - EPA 5030 (soil)										
LCS (B3L0115-BS1)					Prepared: 12/01/2023 Analyzed: 12/01/2023					
1,2,4-Trimethylbenzene	0.0927	0.00200	mg/kg	0.100		92.7	70-130			
1,3,5-Trimethylbenzene	0.0936	0.00200	"	0.100		93.6	70-130			
Benzene	0.0944	0.00200	"	0.100		94.4	70-130			
Ethylbenzene	0.0884	0.00200	"	0.100		88.4	70-130			
Naphthalene	0.0925	0.00380	"	0.100		92.5	70-130			
Toluene	0.0846	0.00200	"	0.100		84.6	70-130			
o-Xylene	0.0805	0.00200	"	0.100		80.5	70-130			
m,p-Xylene	0.173	0.00400	"	0.200		86.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		93.3	70-130			
Surrogate: Toluene-d8	0.11		"	0.125		86.3	70-130			
Surrogate: 4-Bromofluorobenzene	0.11		"	0.125		88.6	70-130			

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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.

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3L0115 - EPA 5030 (soil)										
Matrix Spike (B3L0115-MS1)		Source: Y311643-01			Prepared: 12/01/2023 Analyzed: 12/01/2023					
1,2,4-Trimethylbenzene	0.0908	0.00200	mg/kg	0.100	ND	90.8	70-130			
1,3,5-Trimethylbenzene	0.0927	0.00200	"	0.100	ND	92.7	70-130			
Benzene	0.0925	0.00200	"	0.100	ND	92.5	70-130			
Ethylbenzene	0.0884	0.00200	"	0.100	ND	88.4	70-130			
Naphthalene	0.0933	0.00380	"	0.100	ND	93.3	70-130			
Toluene	0.0881	0.00200	"	0.100	0.000720	87.4	70-130			
o-Xylene	0.0887	0.00200	"	0.100	ND	88.7	70-130			
m,p-Xylene	0.176	0.00400	"	0.200	ND	87.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		95.5	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		92.0	70-130			
Surrogate: 4-Bromofluorobenzene	0.11		"	0.125		90.6	70-130			

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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.

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control

Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3L0115 - EPA 5030 (soil)										
Matrix Spike Dup (B3L0115-MSD1)		Source: Y311643-01			Prepared: 12/01/2023 Analyzed: 12/01/2023					
1,2,4-Trimethylbenzene	0.0857	0.00200	mg/kg	0.100	ND	85.7	70-130	5.83	20	
1,3,5-Trimethylbenzene	0.0867	0.00200	"	0.100	ND	86.7	70-130	6.71	20	
Benzene	0.0901	0.00200	"	0.100	ND	90.1	70-130	2.72	20	
Ethylbenzene	0.0827	0.00200	"	0.100	ND	82.7	70-130	6.57	20	
Naphthalene	0.0965	0.00380	"	0.100	ND	96.5	70-130	3.41	20	
Toluene	0.0833	0.00200	"	0.100	0.000720	82.6	70-130	5.55	20	
o-Xylene	0.0836	0.00200	"	0.100	ND	83.6	70-130	5.90	20	
m,p-Xylene	0.164	0.00400	"	0.200	ND	81.9	70-130	6.92	20	
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		95.1	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		92.1	70-130			
Surrogate: 4-Bromofluorobenzene	0.11		"	0.125		89.5	70-130			

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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.

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

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

Metals by EPA 6000/7000 Series Methods - Quality Control
Origins Laboratory, Inc.

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

Batch B3L1815 - EPA 3050B

Blank (B3L1815-BLK1)

Prepared: 12/18/2023 Analyzed: 12/19/2023

Arsenic	ND	0.0100	mg/kg							U
Barium	ND	1.00	"							U
Cadmium	ND	0.0100	"							U
Copper	ND	1.00	"							U
Lead	ND	0.100	"							U
Nickel	ND	0.100	"							U
Selenium	ND	0.0100	"							U
Silver	ND	0.0100	"							U
Zinc	ND	1.00	"							U

LCS (B3L1815-BS1)

Prepared: 12/18/2023 Analyzed: 12/19/2023

Arsenic	4.72	0.00890	mg/kg	4.45		106	80-120
Barium	430	0.890	"	445		96.7	80-120
Cadmium	4.55	0.00890	"	4.45		102	80-120
Copper	38.7	0.890	"	44.5		87.0	80-120
Lead	4.45	0.0890	"	4.45		100	80-120
Nickel	4.19	0.0890	"	4.45		94.2	80-120
Selenium	3.97	0.00890	"	4.45		89.2	80-120
Silver	4.43	0.00890	"	4.45		99.6	80-120
Zinc	42.0	0.890	"	44.5		94.4	80-120

Matrix Spike (B3L1815-MS1)

Source: Y311664-01

Prepared: 12/18/2023 Analyzed: 12/19/2023

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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.

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

Metals by EPA 6000/7000 Series Methods - Quality Control

Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3L1815 - EPA 3050B										
Matrix Spike (B3L1815-MS1)		Source: Y311664-01			Prepared: 12/18/2023 Analyzed: 12/19/2023					
Arsenic	7.57	0.0873	mg/kg	4.37	2.65	113	75-125			
Barium	911	8.73	"	437	352	128	75-125			QM-07
Cadmium	5.47	0.0873	"	4.37	0.307	118	75-125			
Copper	86.4	8.73	"	43.7	35.3	117	75-125			
Lead	23.1	0.873	"	4.37	15.7	169	75-125			QM-07
Nickel	18.9	0.873	"	4.37	13.7	118	75-125			QM-07
Selenium	4.81	0.0873	"	4.37	0.637	95.6	75-125			
Silver	4.99	0.0873	"	4.37	0.0743	113	75-125			
Zinc	146	8.73	"	43.7	92.4	124	75-125			
Matrix Spike Dup (B3L1815-MSD1)		Source: Y311664-01			Prepared: 12/18/2023 Analyzed: 12/19/2023					
Arsenic	6.69	0.0871	mg/kg	4.36	2.65	92.8	75-125	12.4	20	
Barium	806	8.71	"	436	352	104	75-125	12.3	20	QM-07
Cadmium	4.91	0.0871	"	4.36	0.307	106	75-125	10.8	20	
Copper	76.4	8.71	"	43.6	35.3	94.2	75-125	12.4	20	
Lead	20.6	0.871	"	4.36	15.7	113	75-125	11.2	20	QM-07
Nickel	16.9	0.871	"	4.36	13.7	73.7	75-125	10.9	20	QM-07
Selenium	4.63	0.0871	"	4.36	0.637	91.7	75-125	3.83	20	
Silver	4.42	0.0871	"	4.36	0.0743	99.8	75-125	12.0	20	
Zinc	138	8.71	"	43.6	92.4	104	75-125	6.09	20	

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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.

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory, Inc.

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

Batch B3K3022 - EPA 3580

Blank (B3K3022-BLK1)

Prepared: 11/30/2023 Analyzed: 12/09/2023

1-Methylnaphthalene	ND	0.002	mg/kg							U
2-Methylnaphthalene	ND	0.002	"							U
Acenaphthene	ND	0.020	"							U
Anthracene	ND	0.020	"							U
Benzo (a) anthracene	ND	0.005	"							U
Benzo (a) pyrene	ND	0.020	"							U
Benzo (b) fluoranthene	ND	0.020	"							U
Benzo (g,h,i) perylene	ND	0.020	"							U
Benzo (k) fluoranthene	ND	0.020	"							U
Chrysene	ND	0.020	"							U
Dibenz (a,h) anthracene	ND	0.020	"							U
Fluoranthene	ND	0.020	"							U
Fluorene	ND	0.020	"							U
Indeno (1,2,3-cd) pyrene	ND	0.020	"							U
Naphthalene	ND	0.002	"							U
Phenanthrene	ND	0.020	"							U
Pyrene	ND	0.020	"							U
Surrogate: Fluorene-d10	200		ug/kg	200		101	60-130			
Surrogate: Anthracene-d10	200		"	200		98.5	60-130			
Surrogate: Pyrene-d10	200		"	200		99.3	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		100	60-130			

LCS (B3K3022-BS1)

Prepared: 11/30/2023 Analyzed: 12/09/2023

1-Methylnaphthalene	0.207	0.002	mg/kg	0.200		104	70-130
2-Methylnaphthalene	0.208	0.002	"	0.200		104	70-130
Acenaphthene	0.208	0.020	"	0.200		104	70-130
Anthracene	0.226	0.020	"	0.200		113	70-130

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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.

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory, Inc.

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

Batch B3K3022 - EPA 3580

LCS (B3K3022-BS1)

Prepared: 11/30/2023 Analyzed: 12/09/2023

Benzo (a) anthracene	0.215	0.005	mg/kg	0.200		107	70-130			
Benzo (a) pyrene	0.223	0.020	"	0.200		112	70-130			
Benzo (b) fluoranthene	0.221	0.020	"	0.200		110	70-130			
Benzo (g,h,i) perylene	0.219	0.020	"	0.200		110	70-130			
Benzo (k) fluoranthene	0.178	0.020	"	0.200		88.9	70-130			
Chrysene	0.205	0.020	"	0.200		103	70-130			
Dibenz (a,h) anthracene	0.220	0.020	"	0.200		110	70-130			
Fluoranthene	0.206	0.020	"	0.200		103	70-130			
Fluorene	0.216	0.020	"	0.200		108	70-130			
Indeno (1,2,3-cd) pyrene	0.224	0.020	"	0.200		112	70-130			
Naphthalene	0.211	0.002	"	0.200		105	70-130			
Phenanthrene	0.207	0.020	"	0.200		104	70-130			
Pyrene	0.204	0.020	"	0.200		102	70-130			
Surrogate: Fluorene-d10	200		ug/kg	200		100	60-130			
Surrogate: Anthracene-d10	200		"	200		97.8	60-130			
Surrogate: Pyrene-d10	200		"	200		99.6	60-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		103	60-130			

Matrix Spike (B3K3022-MS1)

Source: Y311630-01

Prepared: 11/30/2023 Analyzed: 12/09/2023

1-Methylnaphthalene	0.220	0.002	mg/kg	0.200	0.001	110	70-130			
2-Methylnaphthalene	0.223	0.002	"	0.200	ND	111	70-130			
Acenaphthene	0.222	0.020	"	0.200	ND	111	70-130			
Anthracene	0.238	0.020	"	0.200	ND	119	70-130			
Benzo (a) anthracene	0.212	0.005	"	0.200	ND	106	70-130			
Benzo (a) pyrene	0.229	0.020	"	0.200	ND	114	70-130			
Benzo (b) fluoranthene	0.229	0.020	"	0.200	ND	115	70-130			
Benzo (g,h,i) perylene	0.225	0.020	"	0.200	ND	113	70-130			

Origins Laboratory, Inc.



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.

Jen Pellegrini, Project Manager

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory, Inc.

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

Batch B3K3022 - EPA 3580

Matrix Spike (B3K3022-MS1)		Source: Y311630-01			Prepared: 11/30/2023 Analyzed: 12/09/2023					
Benzo (k) fluoranthene	0.191	0.020	mg/kg	0.200	ND	95.6	70-130			
Chrysene	0.223	0.020	"	0.200	ND	111	70-130			
Dibenz (a,h) anthracene	0.230	0.020	"	0.200	ND	115	70-130			
Fluoranthene	0.219	0.020	"	0.200	ND	110	70-130			
Fluorene	0.219	0.020	"	0.200	ND	109	70-130			
Indeno (1,2,3-cd) pyrene	0.228	0.020	"	0.200	ND	114	70-130			
Naphthalene	0.227	0.002	"	0.200	ND	114	70-130			
Phenanthrene	0.226	0.020	"	0.200	ND	113	70-130			
Pyrene	0.224	0.020	"	0.200	ND	112	70-130			
Surrogate: Fluorene-d10	200		ug/kg	200		99.5	60-130			
Surrogate: Anthracene-d10	200		"	200		97.9	60-130			
Surrogate: Pyrene-d10	200		"	200		99.6	60-130			
Surrogate: Benzo (a) pyrene-d12	190		"	200		97.4	60-130			

Matrix Spike Dup (B3K3022-MSD1)		Source: Y311630-01			Prepared: 11/30/2023 Analyzed: 12/09/2023					
1-Methylnaphthalene	0.225	0.002	mg/kg	0.200	0.001	112	70-130	2.18	20	
2-Methylnaphthalene	0.217	0.002	"	0.200	ND	108	70-130	2.79	20	
Acenaphthene	0.217	0.020	"	0.200	ND	109	70-130	2.26	20	
Anthracene	0.239	0.020	"	0.200	ND	120	70-130	0.627	20	
Benzo (a) anthracene	0.223	0.005	"	0.200	ND	111	70-130	5.15	20	
Benzo (a) pyrene	0.226	0.020	"	0.200	ND	113	70-130	1.50	20	
Benzo (b) fluoranthene	0.218	0.020	"	0.200	ND	109	70-130	4.93	20	
Benzo (g,h,i) perylene	0.228	0.020	"	0.200	ND	114	70-130	1.36	20	
Benzo (k) fluoranthene	0.212	0.020	"	0.200	ND	106	70-130	10.3	20	
Chrysene	0.225	0.020	"	0.200	ND	112	70-130	0.734	20	
Dibenz (a,h) anthracene	0.232	0.020	"	0.200	ND	116	70-130	0.760	20	
Fluoranthene	0.222	0.020	"	0.200	ND	111	70-130	1.44	20	

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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.

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory, Inc.

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

Batch B3K3022 - EPA 3580

Matrix Spike Dup (B3K3022-MSD1)		Source: Y311630-01			Prepared: 11/30/2023 Analyzed: 12/09/2023					
Fluorene	0.227	0.020	mg/kg	0.200	ND	114	70-130	3.75	20	
Indeno (1,2,3-cd) pyrene	0.236	0.020	"	0.200	ND	118	70-130	3.63	20	
Naphthalene	0.222	0.002	"	0.200	ND	111	70-130	2.34	20	
Phenanthrene	0.223	0.020	"	0.200	ND	111	70-130	1.29	20	
Pyrene	0.214	0.020	"	0.200	ND	107	70-130	4.77	20	
Surrogate: Fluorene-d10	200		ug/kg	200		101	60-130			
Surrogate: Anthracene-d10	190		"	200		97.2	60-130			
Surrogate: Pyrene-d10	190		"	200		96.4	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		102	60-130			

Batch B3L0120 - EPA 3580

Blank (B3L0120-BLK1)		Prepared: 12/01/2023 Analyzed: 12/09/2023								
1-Methylnaphthalene	ND	0.002	mg/kg							U
2-Methylnaphthalene	ND	0.002	"							U
Acenaphthene	ND	0.020	"							U
Anthracene	ND	0.020	"							U
Benzo (a) anthracene	ND	0.005	"							U
Benzo (a) pyrene	ND	0.020	"							U
Benzo (b) fluoranthene	ND	0.020	"							U
Benzo (g,h,i) perylene	ND	0.020	"							U
Benzo (k) fluoranthene	ND	0.020	"							U
Chrysene	ND	0.020	"							U
Dibenz (a,h) anthracene	ND	0.020	"							U
Fluoranthene	ND	0.020	"							U
Fluorene	ND	0.020	"							U
Indeno (1,2,3-cd) pyrene	ND	0.020	"							U

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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.

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory, Inc.

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

Batch B3L0120 - EPA 3580

Blank (B3L0120-BLK1)

Prepared: 12/01/2023 Analyzed: 12/09/2023

Naphthalene	ND	0.002	mg/kg							U
Phenanthrene	ND	0.020	"							U
Pyrene	ND	0.020	"							U
Surrogate: Fluorene-d10	210		ug/kg	200		103	60-130			
Surrogate: Anthracene-d10	200		"	200		98.8	60-130			
Surrogate: Pyrene-d10	200		"	200		98.2	60-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		104	60-130			

LCS (B3L0120-BS1)

Prepared: 12/01/2023 Analyzed: 12/09/2023

1-Methylnaphthalene	0.212	0.002	mg/kg	0.200		106	70-130			
2-Methylnaphthalene	0.206	0.002	"	0.200		103	70-130			
Acenaphthene	0.202	0.020	"	0.200		101	70-130			
Anthracene	0.216	0.020	"	0.200		108	70-130			
Benzo (a) anthracene	0.190	0.005	"	0.200		94.9	70-130			
Benzo (a) pyrene	0.205	0.020	"	0.200		103	70-130			
Benzo (b) fluoranthene	0.197	0.020	"	0.200		98.6	70-130			
Benzo (g,h,i) perylene	0.208	0.020	"	0.200		104	70-130			
Benzo (k) fluoranthene	0.169	0.020	"	0.200		84.3	70-130			
Chrysene	0.207	0.020	"	0.200		104	70-130			
Dibenz (a,h) anthracene	0.209	0.020	"	0.200		105	70-130			
Fluoranthene	0.205	0.020	"	0.200		103	70-130			
Fluorene	0.216	0.020	"	0.200		108	70-130			
Indeno (1,2,3-cd) pyrene	0.219	0.020	"	0.200		110	70-130			
Naphthalene	0.204	0.002	"	0.200		102	70-130			
Phenanthrene	0.201	0.020	"	0.200		101	70-130			
Pyrene	0.200	0.020	"	0.200		99.9	70-130			
Surrogate: Fluorene-d10	210		ug/kg	200		104	60-130			

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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.

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory, Inc.

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

Batch B3L0120 - EPA 3580

LCS (B3L0120-BS1)

Prepared: 12/01/2023 Analyzed: 12/09/2023

Surrogate: Anthracene-d10	190		ug/kg	200		97.2	60-130			
Surrogate: Pyrene-d10	190		"	200		96.3	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		102	60-130			

Matrix Spike (B3L0120-MS1)

Source: Y311642-01

Prepared: 12/01/2023 Analyzed: 12/11/2023

1-Methylnaphthalene	2.78	0.020	mg/kg	0.200	2.52	132	70-130			QM-07
2-Methylnaphthalene	4.08	0.020	"	0.200	3.69	193	70-130			QM-07
Acenaphthene	0.578	0.020	"	0.200	0.314	132	70-130			QM-07
Anthracene	0.289	0.020	"	0.200	0.050	120	70-130			
Benzo (a) anthracene	0.230	0.005	"	0.200	0.008	111	70-130			
Benzo (a) pyrene	0.180	0.020	"	0.200	ND	90.0	70-130			
Benzo (b) fluoranthene	0.189	0.020	"	0.200	0.006	91.4	70-130			
Benzo (g,h,i) perylene	0.195	0.020	"	0.200	0.006	94.5	70-130			
Benzo (k) fluoranthene	0.170	0.020	"	0.200	0.008	80.7	70-130			
Chrysene	0.276	0.020	"	0.200	0.036	120	70-130			
Dibenz (a,h) anthracene	0.201	0.020	"	0.200	0.007	97.1	70-130			
Fluoranthene	0.234	0.020	"	0.200	0.018	108	70-130			
Fluorene	0.640	0.020	"	0.200	0.407	117	70-130			
Indeno (1,2,3-cd) pyrene	0.230	0.020	"	0.200	ND	115	70-130			
Naphthalene	1.22	0.020	"	0.200	0.942	138	70-130			QM-07
Phenanthrene	0.727	0.020	"	0.200	0.505	111	70-130			
Pyrene	0.195	0.020	"	0.200	0.026	84.8	70-130			

Surrogate: Fluorene-d10	200		ug/kg	200		101	60-130			
Surrogate: Anthracene-d10	210		"	200		106	60-130			
Surrogate: Pyrene-d10	170		"	200		87.0	60-130			
Surrogate: Benzo (a) pyrene-d12	190		"	200		97.3	60-130			

Matrix Spike Dup (B3L0120-MSD1)

Source: Y311642-01

Prepared: 12/01/2023 Analyzed: 12/11/2023

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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.

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3L0120 - EPA 3580										
1-Methylnaphthalene	3.04	0.020	mg/kg	0.200	2.52	261	70-130	8.92	20	QM-07
2-Methylnaphthalene	4.45	0.020	"	0.200	3.69	379	70-130	8.75	20	QM-07
Acenaphthene	0.618	0.020	"	0.200	0.314	152	70-130	6.68	20	QM-07
Anthracene	0.277	0.020	"	0.200	0.050	114	70-130	4.38	20	
Benzo (a) anthracene	0.241	0.005	"	0.200	0.008	117	70-130	4.56	20	
Benzo (a) pyrene	0.200	0.020	"	0.200	ND	100	70-130	10.5	20	
Benzo (b) fluoranthene	0.185	0.020	"	0.200	0.006	89.3	70-130	2.21	20	
Benzo (g,h,i) perylene	0.208	0.020	"	0.200	0.006	101	70-130	6.30	20	
Benzo (k) fluoranthene	0.163	0.020	"	0.200	0.008	77.3	70-130	4.15	20	
Chrysene	0.278	0.020	"	0.200	0.036	121	70-130	0.722	20	
Dibenz (a,h) anthracene	0.212	0.020	"	0.200	0.007	102	70-130	5.05	20	
Fluoranthene	0.250	0.020	"	0.200	0.018	116	70-130	6.45	20	
Fluorene	0.688	0.020	"	0.200	0.407	141	70-130	7.14	20	QM-07
Indeno (1,2,3-cd) pyrene	0.222	0.020	"	0.200	ND	111	70-130	3.41	20	
Naphthalene	1.28	0.020	"	0.200	0.942	167	70-130	4.59	20	QM-07
Phenanthrene	0.789	0.020	"	0.200	0.505	142	70-130	8.21	20	QM-07
Pyrene	0.202	0.020	"	0.200	0.026	88.3	70-130	3.51	20	
Surrogate: Fluorene-d10	200		ug/kg	200		101	60-130			
Surrogate: Anthracene-d10	220		"	200		109	60-130			
Surrogate: Pyrene-d10	170		"	200		87.1	60-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		103	60-130			

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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.

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

Classical Chemistry Parameters - Quality Control

Origins Laboratory, Inc.

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

Batch B3L0106 - DTPA Sorbitol Preparation

Blank (B3L0106-BLK1)

Prepared: 12/01/2023 Analyzed: 12/05/2023

Boron	ND	0.100	mg/L							U
-------	----	-------	------	--	--	--	--	--	--	---

Duplicate (B3L0106-DUP1)

Source: Y311612-01

Prepared: 12/01/2023 Analyzed: 12/05/2023

Boron	0.879	0.100	mg/L		0.772			13.0	50	
-------	-------	-------	------	--	-------	--	--	------	----	--

Batch B3L0109 - Saturated Paste Metals

Blank (B3L0109-BLK1)

Prepared: 12/01/2023 Analyzed: 12/03/2023

Calcium PPM	ND	10.0	mg/L							U
SAR	ND	0.0100	SAR							U
Magnesium PPM	ND	10.0	mg/L							U
Sodium PPM	ND	10.0	"							U

Duplicate (B3L0109-DUP1)

Source: Y311611-08

Prepared: 12/01/2023 Analyzed: 12/03/2023

Calcium PPM	5.90	10.0	mg/L		5.15			13.6	50	U
SAR	ND	0.0100	SAR		0.386				200	U
Magnesium PPM	1.60	10.0	mg/L		1.36			16.2	50	U
Sodium PPM	3.94	10.0	"		3.81			3.35	50	U

Batch B3L0203 - Saturated Paste Metals

Blank (B3L0203-BLK1)

Prepared: 12/02/2023 Analyzed: 12/04/2023

Calcium PPM	ND	10.0	mg/L							U
SAR	ND	0.0100	SAR							U
Magnesium PPM	ND	10.0	mg/L							U
Sodium PPM	ND	10.0	"							U

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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.

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

Classical Chemistry Parameters - Quality Control Origins Laboratory, Inc.

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

Batch B3L0203 - Saturated Paste Metals

Duplicate (B3L0203-DUP1)		Source: Y311664-03			Prepared: 12/02/2023 Analyzed: 12/04/2023					
Calcium PPM	45.2	10.0	mg/L		45.6		1.06	50		
SAR	ND	0.0100	SAR		0.0983			200		U
Magnesium PPM	9.34	10.0	mg/L		9.37		0.321	50		U
Sodium PPM	2.95	10.0	"		2.79		5.57	50		U

Batch B3L0408 - DTPA Sorbitol Preparation

Blank (B3L0408-BLK1)		Prepared: 12/04/2023 Analyzed: 12/05/2023								
Boron	ND	0.100	mg/L							U
Duplicate (B3L0408-DUP1)		Source: Y311642-01			Prepared: 12/04/2023 Analyzed: 12/05/2023					
Boron	0.123	0.0999	mg/L		0.105		15.6	50		

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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.

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

Saturated Paste - Quality Control Origins Laboratory, Inc.

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

Batch B3L0112 - Saturated Paste pH/EC

Blank (B3L0112-BLK1)

Prepared: 12/01/2023 Analyzed: 12/02/2023

Specific Conductance (EC)	ND	0.00500	mmhos/cm							U
---------------------------	----	---------	----------	--	--	--	--	--	--	---

Duplicate (B3L0112-DUP1)

Source: Y311611-08

Prepared: 12/01/2023 Analyzed: 12/02/2023

pH	7.15		pH Units	7.14			0.140	25		
Specific Conductance (EC)	0.0994	0.00500	mmhos/cm	0.0905			9.37	25		

Batch B3L0207 - Saturated Paste pH/EC

Blank (B3L0207-BLK1)

Prepared: 12/02/2023 Analyzed: 12/04/2023

Specific Conductance (EC)	ND	0.00500	mmhos/cm							U
---------------------------	----	---------	----------	--	--	--	--	--	--	---

Duplicate (B3L0207-DUP1)

Source: Y311664-03

Prepared: 12/02/2023 Analyzed: 12/04/2023

pH	8.18		pH Units	8.25			0.852	25		
Specific Conductance (EC)	0.337	0.00500	mmhos/cm	0.330			2.13	25		

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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.

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

Total Metals by 7196A - Quality Control Waypoint Analytical, LLC.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch L720907 -										
DUP (L 81935-DUP)	Source: 81935				Prepared: Analyzed: 12/07/2023					
Chromium, Hexavalent	ND	0.5	mg/Kg		<0.500	-		0	20	
MS (L 81935-MS)	Source: 81935				Prepared: Analyzed: 12/07/2023					
Chromium, Hexavalent	34	2.5	mg/Kg	39.8	<1.22	85	75-125			
LCS (LCS)					Prepared: Analyzed: 12/07/2023					
Chromium, Hexavalent	6.44	0.5	mg/Kg	8		81	75-125			
LRB (LRB)					Prepared: Analyzed: 12/07/2023					
Chromium, Hexavalent	ND	0.5	mg/Kg							

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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.

Evergreen Natural Resources LLC
27000 Hwy 12
Trinidad CO 81082

T.J. Fernandez
Project Number: [none]
Project: 915 Soils

Notes and Definitions

U Sample is Non-Detect.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported on a wet weight basis.

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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.