

December 07, 2023

Verdad Resources

Dean Wagoner

1125 17th St Suite 550

Denver CO 80202

Project Name - Timbro 1-3-9-59

Project Number - [none]

Attached are your analytical results for Timbro 1-3-9-59 received by Origins Laboratory, Inc. November 15, 2023. This project is associated with Origins project number Y311406-01.

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



Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Timbro 1-3-9-59 NWDL end	Y311406-01	Soil	November 15, 2023 10:50	11/15/2023 15:32
Timbro 1-3-9-59 SWDL end	Y311406-02	Soil	November 15, 2023 10:55	11/15/2023 15:32
Timbro 1-3-9-59 NWDL start	Y311406-03	Soil	November 15, 2023 11:05	11/15/2023 15:32
Timbro 1-3-9-59 SWDL start	Y311406-04	Soil	November 15, 2023 11:10	11/15/2023 15:32
Timbro 1-3-9-59 NEDL end	Y311406-05	Soil	November 15, 2023 11:15	11/15/2023 15:32
Timbro 1-3-9-59 SEDL end	Y311406-06	Soil	November 15, 2023 11:20	11/15/2023 15:32
Timbro 1-3-9-59 NEDL start	Y311406-07	Soil	November 15, 2023 11:25	11/15/2023 15:32
Timbro 1-3-9-59 SEDL end	Y311406-08	Soil	November 15, 2023 11:30	11/15/2023 15:32

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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.

Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: 4311406 Client: Verdad
 Client Project ID: Timbro F3-9-59
 Checklist Completed by: EHS Shipped Via: HO
 Date/time completed: 11/15/23 (UPS, FedEx, Hand Delivered, Pick-up, etc.)
 Airbill #: N/A
 Matrix(s) Received: (Check all that apply): Soil/Solid Water Other: _____
 Cooler Number/Temperature: 119 °C _____ °C _____ °C (Describe) _____ °C
 Thermometer ID: TOU

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?		/		SD
Is there ice present (document if blue ice is used)		/		
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		/		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		/		
Were all samples received intact ⁽¹⁾ ?	/			
Was adequate sample volume provided ⁽¹⁾ ?	/			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?		/		
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	/			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	/			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	/			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	/			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			/	
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 HNO3, HCL, H2SO4) / (pH >10 for samples preserved with NaAsO2+NaOH, ZnAc+NaOH)			/	
Additional Comments (if any):				

⁽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] Date/Time Reviewed 11/17/23

Origins Laboratory, Inc.

[Signature]

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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 NWDL end
11/15/2023 10:50:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311406-01 (Soil)

Boron (DTPA Sorbitol)

Boron	0.743		0.101	mg/L	1	B3K1610	11/16/2023	11/17/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B3K1601	11/16/2023	11/17/2023	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	71.5 %		50-150			"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B3K1531	11/15/2023	11/16/2023	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	109 %		70-130			"	"	"	
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Origins Laboratory, Inc.



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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 NWDL end
11/15/2023 10:50:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311406-01 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	101 %		70-130			B3K15 31	11/15/2023	11/16/2023	
Surrogate: 4-Bromofluorobenzene	105 %		70-130			"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	2.59		0.499	meq/L	10	[CALC]	11/16/2023	11/17/2023	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	1.85		0.435	"	"	"	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	ND		0.002	mg/kg	1	B3K1627	11/16/2023	11/20/2023	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.



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Verdad Resources
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 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 NWDL end
11/15/2023 10:50:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311406-01 (Soil)

PAH by EPA 8270E

Fluorene	ND		0.020	mg/kg	1	B3K1627	11/16/2023	11/20/2023	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.020	"	"	"	"	"	U

Surrogate: Fluorene-d10	99.8 %		60-130			"	"	"	
Surrogate: Anthracene-d10	89.6 %		60-130			"	"	"	
Surrogate: Pyrene-d10	107 %		60-130			"	"	"	
Surrogate: Benzo (a) pyrene-d12	96.7 %		60-130			"	"	"	

pH in Soil by 9045D

pH	8.04			pH Units	1	B3K1614	11/16/2023	11/17/2023	
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SAR by 20B Saturated Paste

SAR	1.46		0.0100	SAR	1	B3K1612	11/16/2023	11/17/2023	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.583		0.00500	mmhos/cm	1	B3K1614	11/16/2023	11/17/2023	
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Table 915 metals by EPA 6020B

Origins Laboratory, Inc.



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Verdad Resources
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 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 NWDL end
11/15/2023 10:50:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311406-01 (Soil)

Table 915 metals by EPA 6020B

Arsenic	3.53		0.0948	mg/kg	10	B3K1620	11/19/2023	12/07/2023	
Barium	347		9.48	"	"	"	"	"	
Cadmium	0.270		0.0948	"	"	"	"	"	
Copper	11.0		9.48	"	"	"	"	"	
Lead	10.3		9.48	"	"	"	"	"	
Nickel	ND		9.48	"	"	"	"	"	
Selenium	0.308		0.0948	"	"	"	"	"	
Silver	ND		0.0948	"	"	"	"	"	
Zinc	43.3		9.48	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L718044	11/15/2023	11/20/2023	
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 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 SWDL end
11/15/2023 10:55:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311406-02 (Soil)

Boron (DTPA Sorbitol)

Boron	0.331		0.102	mg/L	1	B3K1610	11/16/2023	11/17/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B3K1601	11/16/2023	11/17/2023	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	89.5 %		50-150			"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B3K1531	11/15/2023	11/16/2023	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	108 %		70-130			"	"	"	
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 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 SWDL end
11/15/2023 10:55:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311406-02 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	101 %		70-130			B3K15 31	11/15/2023	11/16/2023	
Surrogate: 4-Bromofluorobenzene	104 %		70-130			"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	1.08		0.499	meq/L	10	[CALC]	11/16/2023	11/17/2023	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	1.32		0.435	"	"	"	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	ND		0.002	mg/kg	1	B3K1627	11/16/2023	11/20/2023	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.



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 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 SWDL end
11/15/2023 10:55:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311406-02 (Soil)

PAH by EPA 8270E

Fluorene	ND		0.020	mg/kg	1	B3K1627	11/16/2023	11/20/2023	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.020	"	"	"	"	"	U

Surrogate: Fluorene-d10	99.1 %		60-130			"	"	"	
Surrogate: Anthracene-d10	89.2 %		60-130			"	"	"	
Surrogate: Pyrene-d10	106 %		60-130			"	"	"	
Surrogate: Benzo (a) pyrene-d12	99.7 %		60-130			"	"	"	

pH in Soil by 9045D

pH	8.26			pH Units	1	B3K1614	11/16/2023	11/17/2023	
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SAR by 20B Saturated Paste

SAR	1.59		0.0100	SAR	1	B3K1612	11/16/2023	11/17/2023	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.317		0.00500	mmhos/cm	1	B3K1614	11/16/2023	11/17/2023	
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Table 915 metals by EPA 6020B

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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 SWDL end
11/15/2023 10:55:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311406-02 (Soil)

Table 915 metals by EPA 6020B

Arsenic	4.08		0.0901	mg/kg	10	B3K1620	11/19/2023	12/07/2023	
Barium	356		9.01	"	"	"	"	"	
Cadmium	0.191		0.0901	"	"	"	"	"	
Copper	16.5		9.01	"	"	"	"	"	
Lead	9.22		9.01	"	"	"	"	"	
Nickel	ND		9.01	"	"	"	"	"	
Selenium	0.0991		0.0901	"	"	"	"	"	
Silver	ND		0.0901	"	"	"	"	"	
Zinc	42.4		9.01	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L718044	11/15/2023	11/20/2023	
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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 NWDL start
11/15/2023 11:05:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311406-03 (Soil)

Boron (DTPA Sorbitol)

Boron	0.351		0.0986	mg/L	1	B3K1610	11/16/2023	11/17/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B3K1601	11/16/2023	11/17/2023	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: *o*-Terphenyl 80.6 % 50-150 " " "

GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B3K1531	11/15/2023	11/16/2023	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 110 % 70-130 " " "

Origins Laboratory, Inc.



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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 NWDL start
11/15/2023 11:05:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311406-03 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	101 %		70-130			B3K15 31	11/15/2023	11/16/2023	
Surrogate: 4-Bromofluorobenzene	104 %		70-130			"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	2.40		0.499	meq/L	10	[CALC]	11/16/2023	11/17/2023	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	1.71		0.435	"	"	"	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	ND		0.002	mg/kg	1	B3K1627	11/16/2023	11/20/2023	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

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 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 NWDL start
11/15/2023 11:05:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311406-03 (Soil)

PAH by EPA 8270E

Fluorene	ND		0.020	mg/kg	1	B3K1627	11/16/2023	11/20/2023	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.020	"	"	"	"	"	U

Surrogate: Fluorene-d10	101 %		60-130			"	"	"	
Surrogate: Anthracene-d10	90.1 %		60-130			"	"	"	
Surrogate: Pyrene-d10	107 %		60-130			"	"	"	
Surrogate: Benzo (a) pyrene-d12	91.3 %		60-130			"	"	"	

pH in Soil by 9045D

pH	8.17			pH Units	1	B3K1614	11/16/2023	11/17/2023	
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SAR by 20B Saturated Paste

SAR	1.38		0.0100	SAR	1	B3K1612	11/16/2023	11/17/2023	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.578		0.00500	mmhos/cm	1	B3K1614	11/16/2023	11/17/2023	
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Table 915 metals by EPA 6020B

Origins Laboratory, Inc.



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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 NWDL start
11/15/2023 11:05:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311406-03 (Soil)

Table 915 metals by EPA 6020B

Arsenic	5.96		0.0924	mg/kg	10	B3K1620	11/16/2023	12/07/2023	
Barium	539		9.24	"	"	"	"	"	
Cadmium	0.203		0.0924	"	"	"	"	"	
Copper	15.0		9.24	"	"	"	"	"	
Lead	ND		9.24	"	"	"	"	"	
Nickel	ND		9.24	"	"	"	"	"	
Selenium	0.119		0.0924	"	"	"	"	"	
Silver	ND		0.0924	"	"	"	"	"	
Zinc	44.6		9.24	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L718044	11/15/2023	11/20/2023	
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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.

Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 SWDL start
11/15/2023 11:10:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311406-04 (Soil)

Boron (DTPA Sorbitol)

Boron	0.354		0.100	mg/L	1	B3K1610	11/16/2023	11/17/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B3K1601	11/16/2023	11/17/2023	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	76.9 %		50-150			"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B3K1531	11/15/2023	11/16/2023	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	110 %		70-130			"	"	"	
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Origins Laboratory, Inc.



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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 SWDL start
11/15/2023 11:10:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311406-04 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	101 %		70-130			B3K15 31	11/15/2023	11/16/2023	
Surrogate: 4-Bromofluorobenzene	104 %		70-130			"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	2.29		0.499	meq/L	10	[CALC]	11/16/2023	11/17/2023	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	1.78		0.435	"	"	"	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	ND		0.002	mg/kg	1	B3K1627	11/16/2023	11/20/2023	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.



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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 SWDL start
11/15/2023 11:10:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311406-04 (Soil)

PAH by EPA 8270E

Fluorene	ND		0.020	mg/kg	1	B3K1627	11/16/2023	11/20/2023	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.020	"	"	"	"	"	U

Surrogate: Fluorene-d10	100 %		60-130			"	"	"	
Surrogate: Anthracene-d10	89.4 %		60-130			"	"	"	
Surrogate: Pyrene-d10	105 %		60-130			"	"	"	
Surrogate: Benzo (a) pyrene-d12	95.1 %		60-130			"	"	"	

pH in Soil by 9045D

pH	8.09			pH Units	1	B3K1614	11/16/2023	11/17/2023	
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SAR by 20B Saturated Paste

SAR	1.47		0.0100	SAR	1	B3K1612	11/16/2023	11/17/2023	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.566		0.00500	mmhos/cm	1	B3K1614	11/16/2023	11/17/2023	
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Table 915 metals by EPA 6020B

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Verdad Resources
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 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 SWDL start
11/15/2023 11:10:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311406-04 (Soil)

Table 915 metals by EPA 6020B

Arsenic	3.89		0.0946	mg/kg	10	B3K1620	11/16/2023	12/07/2023	
Barium	388		9.46	"	"	"	"	"	
Cadmium	0.199		0.0946	"	"	"	"	"	
Copper	12.9		9.46	"	"	"	"	"	
Lead	9.68		9.46	"	"	"	"	"	
Nickel	ND		9.46	"	"	"	"	"	
Selenium	0.116		0.0946	"	"	"	"	"	
Silver	ND		0.0946	"	"	"	"	"	
Zinc	42.1		9.46	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L718044	11/15/2023	11/20/2023	
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Verdad Resources
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Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 NEDL end
11/15/2023 11:15:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311406-05 (Soil)

Boron (DTPA Sorbitol)

Boron	0.368		0.101	mg/L	1	B3K1610	11/16/2023	11/17/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B3K1601	11/16/2023	11/17/2023	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	86.0 %		50-150			"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B3K1531	11/15/2023	11/16/2023	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	110 %		70-130			"	"	"	
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Origins Laboratory, Inc.



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Verdad Resources
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Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 NEDL end
11/15/2023 11:15:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311406-05 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	100 %		70-130			B3K15 31	11/15/2023	11/16/2023	
Surrogate: 4-Bromofluorobenzene	105 %		70-130			"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	1.59		0.499	meq/L	10	[CALC]	11/16/2023	11/17/2023	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	2.01		0.435	"	"	"	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	ND		0.002	mg/kg	1	B3K1627	11/16/2023	11/20/2023	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.



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Verdad Resources
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 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 NEDL end
11/15/2023 11:15:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311406-05 (Soil)

PAH by EPA 8270E

Fluorene	ND		0.020	mg/kg	1	B3K1627	11/16/2023	11/20/2023	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.020	"	"	"	"	"	U

Surrogate: Fluorene-d10	97.5 %		60-130			"	"	"	
Surrogate: Anthracene-d10	88.5 %		60-130			"	"	"	
Surrogate: Pyrene-d10	111 %		60-130			"	"	"	
Surrogate: Benzo (a) pyrene-d12	95.8 %		60-130			"	"	"	

pH in Soil by 9045D

pH	8.16			pH Units	1	B3K1614	11/16/2023	11/17/2023	
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SAR by 20B Saturated Paste

SAR	1.98		0.0100	SAR	1	B3K1612	11/16/2023	11/17/2023	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.452		0.00500	mmhos/cm	1	B3K1614	11/16/2023	11/17/2023	
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Table 915 metals by EPA 6020B

Origins Laboratory, Inc.



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Verdad Resources
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 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 NEDL end
11/15/2023 11:15:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311406-05 (Soil)

Table 915 metals by EPA 6020B

Arsenic	3.37		0.0968	mg/kg	10	B3K1620	11/16/2023	12/07/2023	
Barium	260		9.68	"	"	"	"	"	
Cadmium	0.129		0.0968	"	"	"	"	"	
Copper	11.3		9.68	"	"	"	"	"	
Lead	ND		9.68	"	"	"	"	"	
Nickel	ND		9.68	"	"	"	"	"	
Selenium	ND		0.0968	"	"	"	"	"	
Silver	ND		0.0968	"	"	"	"	"	
Zinc	39.3		9.68	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L718044	11/15/2023	11/20/2023	
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Origins Laboratory, Inc.



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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 SEDL end
11/15/2023 11:20:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311406-06 (Soil)

Boron (DTPA Sorbitol)

Boron	0.140		0.0985	mg/L	1	B3K1610	11/16/2023	11/17/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B3K1601	11/16/2023	11/17/2023	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	82.9 %		50-150			"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B3K1531	11/15/2023	11/16/2023	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	111 %		70-130			"	"	"	
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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 SEDL end
11/15/2023 11:20:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311406-06 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	99.9 %		70-130			B3K15 31	11/15/2023	11/16/2023	
Surrogate: 4-Bromofluorobenzene	104 %		70-130			"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	0.745		0.499	meq/L	10	[CALC]	11/16/2023	11/17/2023	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	1.15		0.435	"	"	"	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	ND		0.002	mg/kg	1	B3K1627	11/16/2023	11/21/2023	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.



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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 SEDL end
11/15/2023 11:20:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311406-06 (Soil)

PAH by EPA 8270E

Fluorene	ND		0.020	mg/kg	1	B3K1627	11/16/2023	11/21/2023	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Naphthalene	0.019		0.002	"	"	"	"	"	
Pyrene	ND		0.020	"	"	"	"	"	U

Surrogate: Fluorene-d10	97.6 %		60-130			"	"	"	
Surrogate: Anthracene-d10	91.4 %		60-130			"	"	"	
Surrogate: Pyrene-d10	103 %		60-130			"	"	"	
Surrogate: Benzo (a) pyrene-d12	97.3 %		60-130			"	"	"	

pH in Soil by 9045D

pH	8.29			pH Units	1	B3K1614	11/16/2023	11/17/2023	
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SAR by 20B Saturated Paste

SAR	1.65		0.0100	SAR	1	B3K1612	11/16/2023	11/17/2023	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.244		0.00500	mmhos/cm	1	B3K1614	11/16/2023	11/17/2023	
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Table 915 metals by EPA 6020B

Origins Laboratory, Inc.



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 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 SEDL end
11/15/2023 11:20:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311406-06 (Soil)

Table 915 metals by EPA 6020B

Arsenic	5.55		0.0865	mg/kg	10	B3K1620	11/16/2023	12/07/2023	
Barium	436		8.65	"	"	"	"	"	
Cadmium	0.170		0.0865	"	"	"	"	"	
Copper	15.7		8.65	"	"	"	"	"	
Lead	9.40		8.65	"	"	"	"	"	
Nickel	ND		8.65	"	"	"	"	"	
Selenium	0.125		0.0865	"	"	"	"	"	
Silver	ND		0.0865	"	"	"	"	"	
Zinc	40.7		8.65	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L718044	11/15/2023	11/20/2023	
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Origins Laboratory, Inc.



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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 NEDL start
11/15/2023 11:25:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311406-07 (Soil)

Boron (DTPA Sorbitol)

Boron	0.504		0.0995	mg/L	1	B3K1611	11/16/2023	11/17/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B3K1601	11/16/2023	11/17/2023	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	77.1 %		50-150			"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B3K1531	11/15/2023	11/16/2023	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	111 %		70-130			"	"	"	
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Origins Laboratory, Inc.



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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 NEDL start
11/15/2023 11:25:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311406-07 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	101 %		70-130			B3K15 31	11/15/2023	11/16/2023	
Surrogate: 4-Bromofluorobenzene	104 %		70-130			"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	1.94		0.499	meq/L	10	[CALC]	11/16/2023	11/17/2023	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	1.92		0.435	"	"	"	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	ND		0.002	mg/kg	1	B3K1627	11/16/2023	11/21/2023	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.



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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 NEDL start
11/15/2023 11:25:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311406-07 (Soil)

PAH by EPA 8270E

Fluorene	ND		0.020	mg/kg	1	B3K1627	11/16/2023	11/21/2023	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.020	"	"	"	"	"	U

Surrogate: Fluorene-d10	98.6 %		60-130			"	"	"	
Surrogate: Anthracene-d10	89.5 %		60-130			"	"	"	
Surrogate: Pyrene-d10	98.9 %		60-130			"	"	"	
Surrogate: Benzo (a) pyrene-d12	95.5 %		60-130			"	"	"	

pH in Soil by 9045D

pH	8.17			pH Units	1	B3K1614	11/16/2023	11/17/2023	
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SAR by 20B Saturated Paste

SAR	1.73		0.0100	SAR	1	B3K1612	11/16/2023	11/17/2023	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.526		0.00500	mmhos/cm	1	B3K1614	11/16/2023	11/17/2023	
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Table 915 metals by EPA 6020B

Origins Laboratory, Inc.



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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 NEDL start
11/15/2023 11:25:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311406-07 (Soil)

Table 915 metals by EPA 6020B

Arsenic	3.68		0.0957	mg/kg	10	B3K1620	11/16/2023	12/07/2023	
Barium	391		9.57	"	"	"	"	"	
Cadmium	0.298		0.0957	"	"	"	"	"	
Copper	11.9		9.57	"	"	"	"	"	
Lead	11.3		9.57	"	"	"	"	"	
Nickel	ND		9.57	"	"	"	"	"	
Selenium	0.169		0.0957	"	"	"	"	"	
Silver	ND		0.0957	"	"	"	"	"	
Zinc	46.6		9.57	"	"	"	"	"	

Total Metals by 7196 A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L718445	11/15/2023	11/21/2023	
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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.

Verdad Resources
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 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 SEDL end
11/15/2023 11:30:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311406-08 (Soil)

Boron (DTPA Sorbitol)

Boron	0.297		0.0997	mg/L	1	B3K1611	11/16/2023	11/17/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B3K1601	11/16/2023	11/17/2023	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	79.7 %		50-150			"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B3K1531	11/15/2023	11/16/2023	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	109 %		70-130			"	"	"	
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Origins Laboratory, Inc.



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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 SEDL end
11/15/2023 11:30:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311406-08 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	101 %		70-130			B3K15 31	11/15/2023	11/16/2023	
Surrogate: 4-Bromofluorobenzene	103 %		70-130			"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	1.29		0.499	meq/L	10	[CALC]	11/16/2023	11/17/2023	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	1.48		0.435	"	"	"	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	ND		0.002	mg/kg	1	B3K1627	11/16/2023	11/20/2023	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.



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Verdad Resources
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 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 SEDL end
11/15/2023 11:30:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311406-08 (Soil)

PAH by EPA 8270E

Fluorene	ND		0.020	mg/kg	1	B3K1627	11/16/2023	11/20/2023	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.020	"	"	"	"	"	U

Surrogate: Fluorene-d10	100 %		60-130			"	"	"	
Surrogate: Anthracene-d10	89.8 %		60-130			"	"	"	
Surrogate: Pyrene-d10	106 %		60-130			"	"	"	
Surrogate: Benzo (a) pyrene-d12	96.1 %		60-130			"	"	"	

pH in Soil by 9045D

pH	8.24			pH Units	1	B3K1615	11/16/2023	11/17/2023	
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SAR by 20B Saturated Paste

SAR	1.64		0.0100	SAR	1	B3K1613	11/16/2023	11/17/2023	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.355		0.00500	mmhos/cm	1	B3K1615	11/16/2023	11/17/2023	
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Table 915 metals by EPA 6020B

Origins Laboratory, Inc.



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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 SEDL end
11/15/2023 11:30:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y311406-08 (Soil)

Table 915 metals by EPA 6020B

Arsenic	4.27		0.0935	mg/kg	10	B3K1620	11/16/2023	12/07/2023	
Barium	383		9.35	"	"	"	"	"	
Cadmium	0.176		0.0935	"	"	"	"	"	
Copper	14.9		9.35	"	"	"	"	"	
Lead	ND		9.35	"	"	"	"	"	
Nickel	ND		9.35	"	"	"	"	"	
Selenium	0.133		0.0935	"	"	"	"	"	
Silver	ND		0.0935	"	"	"	"	"	
Zinc	41.1		9.35	"	"	"	"	"	

Total Metals by 7196 A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L718445	11/15/2023	11/21/2023	
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Origins Laboratory, Inc.



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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

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
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Batch B3K1531 - EPA 5030 (soil)

Blank (B3K1531-BLK1)

Prepared: 11/15/2023 Analyzed: 11/15/2023

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	0.13		"	0.125	102		70-130			
Surrogate: Toluene-d8	0.13		"	0.125	103		70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125	104		70-130			

Origins Laboratory, Inc.



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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

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
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Batch B3K1531 - EPA 5030 (soil)

LCS (B3K1531-BS1)

Prepared: 11/15/2023 Analyzed: 11/15/2023

1,2,4-Trimethylbenzene	0.115	0.00200	mg/kg	0.100		115	70-130			
1,3,5-Trimethylbenzene	0.119	0.00200	"	0.100		119	70-130			
Benzene	0.100	0.00200	"	0.100		100	70-130			
Ethylbenzene	0.111	0.00200	"	0.100		111	70-130			
Naphthalene	0.0976	0.00380	"	0.100		97.6	70-130			
Toluene	0.113	0.00200	"	0.100		113	70-130			
o-Xylene	0.112	0.00200	"	0.100		112	70-130			
m,p-Xylene	0.221	0.00400	"	0.200		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		107	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		103	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		99.1	70-130			

Origins Laboratory, Inc.



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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

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
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Batch B3K1531 - EPA 5030 (soil)

Matrix Spike (B3K1531-MS1)	Source: Y311391-01			Prepared: 11/15/2023 Analyzed: 11/15/2023						
1,2,4-Trimethylbenzene	0.110	0.00200	mg/kg	0.100	ND	110	70-130			
1,3,5-Trimethylbenzene	0.106	0.00200	"	0.100	ND	106	70-130			
Benzene	0.103	0.00200	"	0.100	ND	103	70-130			
Ethylbenzene	0.104	0.00200	"	0.100	ND	104	70-130			
Naphthalene	0.0975	0.00380	"	0.100	0.000520	96.9	70-130			
Toluene	0.102	0.00200	"	0.100	ND	102	70-130			
o-Xylene	0.101	0.00200	"	0.100	ND	101	70-130			
m,p-Xylene	0.217	0.00400	"	0.200	ND	108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		103	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		100	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		97.3	70-130			

Origins Laboratory, Inc.



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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

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
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Batch B3K1531 - EPA 5030 (soil)

Matrix Spike Dup (B3K1531-MSD1)	Source: Y311391-01			Prepared: 11/15/2023 Analyzed: 11/15/2023						
1,2,4-Trimethylbenzene	0.109	0.00200	mg/kg	0.100	ND	109	70-130	0.183	20	
1,3,5-Trimethylbenzene	0.106	0.00200	"	0.100	ND	106	70-130	0.132	20	
Benzene	0.102	0.00200	"	0.100	ND	102	70-130	0.800	20	
Ethylbenzene	0.102	0.00200	"	0.100	ND	102	70-130	1.07	20	
Naphthalene	0.104	0.00380	"	0.100	0.000520	103	70-130	6.28	20	
Toluene	0.100	0.00200	"	0.100	ND	100	70-130	1.25	20	
o-Xylene	0.100	0.00200	"	0.100	ND	100	70-130	0.159	20	
m,p-Xylene	0.216	0.00400	"	0.200	ND	108	70-130	0.574	20	
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		102	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		100	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		96.1	70-130			

Origins Laboratory, Inc.



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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

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 B3K1601 - EPA 3550B										
Blank (B3K1601-BLK1)										
					Prepared: 11/16/2023 Analyzed: 11/17/2023					
Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	20		"	24.9		80.7	50-150			

Origins Laboratory, Inc.



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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

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
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Batch B3K1601 - EPA 3550B

LCS (B3K1601-BS1)

Prepared: 11/16/2023 Analyzed: 11/17/2023

Diesel (C10-C28)	872	50.0	mg/kg	1000		87.2	70-130			
Residual Range Organics (C28-C40)	1100	200	"	1000		110	70-130			
Surrogate: o-Terphenyl	49		"	49.8		98.6	50-150			

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Verdad Resources
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 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

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
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Batch B3K1601 - EPA 3550B

Matrix Spike (B3K1601-MS1)	Source: Y311391-01			Prepared: 11/16/2023 Analyzed: 11/17/2023						
Diesel (C10-C28)	890	50.0	mg/kg	1000	ND	89.0	70-130			
Residual Range Organics (C28-C40)	1120	200	"	1000	ND	112	70-130			
Surrogate: o-Terphenyl	49		"	49.8		98.3	50-150			

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Verdad Resources
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Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

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 B3K1601 - EPA 3550B										
Matrix Spike Dup (B3K1601-MSD1)					Source: Y311391-01					Prepared: 11/16/2023 Analyzed: 11/17/2023
Diesel (C10-C28)	1020	50.0	mg/kg	1000	ND	102	70-130	13.5	35	
Residual Range Organics (C28-C40)	1300	200	"	1000	ND	130	70-130	14.6	35	
Surrogate: o-Terphenyl	57		"	49.8		114	50-150			

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Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

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
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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
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Batch B3K1620 - EPA 3050B

Blank (B3K1620-BLK1)

Prepared: 11/19/2023 Analyzed: 12/07/2023

Arsenic	ND	0.000100	mg/kg							
Barium	ND	0.0100	"							
Cadmium	ND	0.000100	"							
Copper	ND	0.0100	"							
Lead	ND	0.0100	"							
Nickel	ND	0.0100	"							
Selenium	ND	0.000100	"							
Silver	ND	0.000100	"							
Zinc	ND	0.0100	"							

LCS (B3K1620-BS1)

Prepared: 11/19/2023 Analyzed: 12/07/2023

Arsenic	0.0482	0.000100	mg/kg	0.0500		96.3	80-120			
Barium	5.19	0.0100	"	5.00		104	80-120			
Cadmium	0.0491	0.000100	"	0.0500		98.2	80-120			
Copper	0.519	0.0100	"	0.500		104	80-120			
Lead	0.0469	0.0100	"	0.0500		93.9	80-120			
Nickel	0.0499	0.0100	"	0.0500		99.8	80-120			
Selenium	0.0452	0.000100	"	0.0500		90.3	80-120			
Silver	0.0506	0.000100	"	0.0500		101	80-120			
Zinc	0.474	0.0100	"	0.500		94.8	80-120			

Matrix Spike (B3K1620-MS1)

Source: Y311399-01

Prepared: 11/19/2023 Analyzed: 12/07/2023

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Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

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
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Batch B3K1620 - EPA 3050B

Matrix Spike (B3K1620-MS1)		Source: Y311399-01			Prepared: 11/19/2023 Analyzed: 12/07/2023					
Arsenic	6.58	0.0903	mg/kg	4.51	1.81	106	75-125			
Barium	527	9.03	"	451	36.5	109	75-125			
Cadmium	4.90	0.0903	"	4.51	0.0775	107	75-125			
Copper	53.2	9.03	"	45.1	6.21	104	75-125			
Lead	9.19	9.03	"	4.51	4.32	108	75-125			
Nickel	8.28	9.03	"	4.51	3.86	98.1	75-125			
Selenium	4.69	0.0903	"	4.51	0.114	101	75-125			
Silver	4.90	0.0903	"	4.51	ND	109	75-125			
Zinc	61.2	9.03	"	45.1	16.3	99.3	75-125			

Matrix Spike Dup (B3K1620-MSD1)		Source: Y311399-01			Prepared: 11/19/2023 Analyzed: 12/07/2023					
Arsenic	8.61	0.0909	mg/kg	4.55	1.81	150	75-125	26.7	20	QM-07
Barium	487	9.09	"	455	36.5	99.0	75-125	7.90	20	
Cadmium	4.63	0.0909	"	4.55	0.0775	100	75-125	5.67	20	
Copper	58.4	9.09	"	45.5	6.21	115	75-125	9.44	20	
Lead	8.71	9.09	"	4.55	4.32	96.7	75-125	5.36	20	
Nickel	11.0	9.09	"	4.55	3.86	157	75-125	28.1	20	QM-07
Selenium	4.40	0.0909	"	4.55	0.114	94.2	75-125	6.42	20	
Silver	4.48	0.0909	"	4.55	ND	98.5	75-125	8.94	20	
Zinc	59.6	9.09	"	45.5	16.3	95.3	75-125	2.51	20	

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Verdad Resources
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Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

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
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Batch B3K1627 - EPA 3580

Blank (B3K1627-BLK1)

Prepared: 11/16/2023 Analyzed: 11/20/2023

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		99.1	60-130			
Surrogate: Anthracene-d10	180		"	200		91.3	60-130			
Surrogate: Pyrene-d10	210		"	200		106	60-130			
Surrogate: Benzo (a) pyrene-d12	190		"	200		95.5	60-130			

LCS (B3K1627-BS1)

Prepared: 11/16/2023 Analyzed: 11/20/2023

1-Methylnaphthalene	0.208	0.002	mg/kg	0.200		104	70-130			
2-Methylnaphthalene	0.203	0.002	"	0.200		102	70-130			
Acenaphthene	0.205	0.020	"	0.200		103	70-130			
Anthracene	0.192	0.020	"	0.200		95.9	70-130			

Origins Laboratory, Inc.



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Verdad Resources
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 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

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
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Batch B3K1627 - EPA 3580

LCS (B3K1627-BS1)

Prepared: 11/16/2023 Analyzed: 11/20/2023

Benzo (a) anthracene	0.183	0.005	mg/kg	0.200		91.6	70-130			
Benzo (a) pyrene	0.203	0.020	"	0.200		101	70-130			
Benzo (b) fluoranthene	0.201	0.020	"	0.200		101	70-130			
Benzo (g,h,i) perylene	0.217	0.020	"	0.200		108	70-130			
Benzo (k) fluoranthene	0.200	0.020	"	0.200		99.8	70-130			
Chrysene	0.194	0.020	"	0.200		97.2	70-130			
Dibenz (a,h) anthracene	0.191	0.020	"	0.200		95.6	70-130			
Fluoranthene	0.193	0.020	"	0.200		96.5	70-130			
Fluorene	0.212	0.020	"	0.200		106	70-130			
Indeno (1,2,3-cd) pyrene	0.233	0.020	"	0.200		116	70-130			
Naphthalene	0.210	0.002	"	0.200		105	70-130			
Phenanthrene	0.196	0.020	"	0.200		98.0	70-130			
Pyrene	0.203	0.020	"	0.200		101	70-130			
Surrogate: Fluorene-d10	200		ug/kg	200		100	60-130			
Surrogate: Anthracene-d10	180		"	200		90.0	60-130			
Surrogate: Pyrene-d10	200		"	200		101	60-130			
Surrogate: Benzo (a) pyrene-d12	190		"	200		94.4	60-130			

Matrix Spike (B3K1627-MS1)

Source: Y311362-01

Prepared: 11/16/2023 Analyzed: 11/20/2023

1-Methylnaphthalene	0.220	0.002	mg/kg	0.200	ND	110	70-130			
2-Methylnaphthalene	0.214	0.002	"	0.200	ND	107	70-130			
Acenaphthene	0.218	0.020	"	0.200	ND	109	70-130			
Anthracene	0.194	0.020	"	0.200	0.003	95.4	70-130			
Benzo (a) anthracene	0.213	0.005	"	0.200	0.008	102	70-130			
Benzo (a) pyrene	0.223	0.020	"	0.200	0.009	107	70-130			
Benzo (b) fluoranthene	0.228	0.020	"	0.200	0.017	105	70-130			
Benzo (g,h,i) perylene	0.237	0.020	"	0.200	0.006	115	70-130			

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 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

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
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Batch B3K1627 - EPA 3580

Matrix Spike (B3K1627-MS1)		Source: Y311362-01			Prepared: 11/16/2023 Analyzed: 11/20/2023					
Benzo (k) fluoranthene	0.210	0.020	mg/kg	0.200	0.019	95.7	70-130			
Chrysene	0.229	0.020	"	0.200	0.018	105	70-130			
Dibenz (a,h) anthracene	0.214	0.020	"	0.200	0.001	106	70-130			
Fluoranthene	0.238	0.020	"	0.200	0.022	108	70-130			
Fluorene	0.227	0.020	"	0.200	ND	113	70-130			
Indeno (1,2,3-cd) pyrene	0.213	0.020	"	0.200	0.005	104	70-130			
Naphthalene	0.221	0.002	"	0.200	ND	110	70-130			
Phenanthrene	0.211	0.020	"	0.200	ND	105	70-130			
Pyrene	0.222	0.020	"	0.200	0.022	100	70-130			
Surrogate: Fluorene-d10	200		ug/kg	200		101	60-130			
Surrogate: Anthracene-d10	180		"	200		90.3	60-130			
Surrogate: Pyrene-d10	190		"	200		96.6	60-130			
Surrogate: Benzo (a) pyrene-d12	190		"	200		96.3	60-130			

Matrix Spike Dup (B3K1627-MSD1)		Source: Y311362-01			Prepared: 11/16/2023 Analyzed: 11/21/2023					
1-Methylnaphthalene	0.209	0.002	mg/kg	0.200	ND	104	70-130	5.19	20	
2-Methylnaphthalene	0.202	0.002	"	0.200	ND	101	70-130	5.97	20	
Acenaphthene	0.199	0.020	"	0.200	ND	99.7	70-130	8.71	20	
Anthracene	0.194	0.020	"	0.200	0.003	95.4	70-130	0.0541	20	
Benzo (a) anthracene	0.204	0.005	"	0.200	0.008	97.8	70-130	4.44	20	
Benzo (a) pyrene	0.180	0.020	"	0.200	0.009	85.5	70-130	21.7	20	QR-02
Benzo (b) fluoranthene	0.196	0.020	"	0.200	0.017	89.5	70-130	14.9	20	
Benzo (g,h,i) perylene	0.220	0.020	"	0.200	0.006	107	70-130	7.41	20	
Benzo (k) fluoranthene	0.175	0.020	"	0.200	0.019	78.2	70-130	18.2	20	
Chrysene	0.208	0.020	"	0.200	0.018	95.2	70-130	9.41	20	
Dibenz (a,h) anthracene	0.193	0.020	"	0.200	0.001	96.1	70-130	10.0	20	
Fluoranthene	0.233	0.020	"	0.200	0.022	105	70-130	1.89	20	

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Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

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
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Batch B3K1627 - EPA 3580

Matrix Spike Dup (B3K1627-MSD1)	Source: Y311362-01			Prepared: 11/16/2023 Analyzed: 11/21/2023						
Fluorene	0.203	0.020	mg/kg	0.200	ND	101	70-130	11.1	20	
Indeno (1,2,3-cd) pyrene	0.198	0.020	"	0.200	0.005	96.5	70-130	7.39	20	
Naphthalene	0.203	0.002	"	0.200	ND	102	70-130	8.13	20	
Phenanthrene	0.199	0.020	"	0.200	ND	99.3	70-130	5.88	20	
Pyrene	0.198	0.020	"	0.200	0.022	88.1	70-130	11.4	20	
Surrogate: Fluorene-d10	200		ug/kg	200		99.8	60-130			
Surrogate: Anthracene-d10	190		"	200		94.2	60-130			
Surrogate: Pyrene-d10	180		"	200		89.7	60-130			
Surrogate: Benzo (a) pyrene-d12	190		"	200		96.9	60-130			

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Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

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 B3K1610 - DTPA Sorbitol Preparation										
Blank (B3K1610-BLK1)					Prepared: 11/16/2023 Analyzed: 11/17/2023					
Boron	ND	0.100	mg/L							
Duplicate (B3K1610-DUP1)		Source: Y311375-01			Prepared: 11/16/2023 Analyzed: 11/17/2023					
Boron	0.0782	0.100	mg/L		0.124			45.4	50	
Batch B3K1611 - DTPA Sorbitol Preparation										
Blank (B3K1611-BLK1)					Prepared: 11/16/2023 Analyzed: 11/17/2023					
Boron	ND	0.100	mg/L							
Duplicate (B3K1611-DUP1)		Source: Y311406-07			Prepared: 11/16/2023 Analyzed: 11/17/2023					
Boron	0.511	0.101	mg/L		0.504			1.42	50	
Batch B3K1612 - Saturated Paste Metals										
Blank (B3K1612-BLK1)					Prepared: 11/16/2023 Analyzed: 11/17/2023					
SAR	ND	0.0100	SAR							
Calcium PPM	ND	10.0	mg/L							
Magnesium PPM	ND	10.0	"							
Sodium PPM	ND	10.0	"							
Duplicate (B3K1612-DUP1)		Source: Y311376-01			Prepared: 11/16/2023 Analyzed: 11/17/2023					
Calcium PPM	18.3	10.0	mg/L		18.8			2.54	50	
SAR	ND	0.0100	SAR		2.07				200	
Magnesium PPM	5.88	10.0	mg/L		5.85			0.512	50	
Sodium PPM	38.6	10.0	"		40.0			3.62	50	

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Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Classical Chemistry Parameters - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B3K1613 - Saturated Paste Metals

Blank (B3K1613-BLK1)

Prepared: 11/16/2023 Analyzed: 11/17/2023

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

Duplicate (B3K1613-DUP1)

Source: Y311406-08

Prepared: 11/16/2023 Analyzed: 11/17/2023

SAR	ND	0.0100	SAR		1.64				200	
Calcium PPM	26.7	10.0	mg/L		25.8			3.69	50	
Magnesium PPM	4.45	10.0	"		4.25			4.60	50	
Sodium PPM	36.4	10.0	"		34.0			6.70	50	

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Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Saturated Paste - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B3K1614 - Saturated Paste pH/EC

Blank (B3K1614-BLK1)

Prepared: 11/16/2023 Analyzed: 11/17/2023

Specific Conductance (EC) ND 0.00500 mmhos/cm

Duplicate (B3K1614-DUP1)

Source: Y311376-01

Prepared: 11/16/2023 Analyzed: 11/17/2023

Specific Conductance (EC)	0.349	0.00500	mmhos/cm	0.344	1.33	25
pH	8.11		pH Units	8.24	1.59	25

Batch B3K1615 - Saturated Paste pH/EC

Blank (B3K1615-BLK1)

Prepared: 11/16/2023 Analyzed: 11/17/2023

Specific Conductance (EC) ND 0.00500 mmhos/cm

Duplicate (B3K1615-DUP1)

Source: Y311406-08

Prepared: 11/16/2023 Analyzed: 11/17/2023

pH	8.24		pH Units	8.24	0.00	25
Specific Conductance (EC)	0.366	0.00500	mmhos/cm	0.355	2.97	25

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Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch L718445 -										
DUP (L 98897-DUP)		Source: 98897			Prepared: Analyzed: 11/21/2023					
Chromium, Hexavalent	ND	0.5	mg/Kg		<0.500		-	0	20	
MS (L 98897-MS)		Source: 98897			Prepared: Analyzed: 11/21/2023					
Chromium, Hexavalent	32.5	2.5	mg/Kg	39.7	<1.22	82	75-125			
LCS (LCS)		Prepared: Analyzed: 11/21/2023								
Chromium, Hexavalent	7.13	0.5	mg/Kg	8		89	75-125			
LRB (LRB)		Prepared: Analyzed: 11/21/2023								
Chromium, Hexavalent	ND	0.5	mg/Kg				-			

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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

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 L718044 -										
DUP (L 98873-DUP)		Source: 98873			Prepared: Analyzed: 11/20/2023					
Chromium, Hexavalent	ND	0.5	mg/Kg		<0.500		-	0	20	
MS (L 98873-MS)		Source: 98873			Prepared: Analyzed: 11/20/2023					
Chromium, Hexavalent	35.8	2.5	mg/Kg	38.6	<1.22	93	75-125			
LCS (LCS)		Prepared: Analyzed: 11/20/2023								
Chromium, Hexavalent	7.24	0.5	mg/Kg	8		91	75-125			
LRB (LRB)		Prepared: Analyzed: 11/20/2023								
Chromium, Hexavalent	ND	0.5	mg/Kg				-			

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Dean Wagoner
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Project: Timbro 1-3-9-59

Notes and Definitions

U Sample is Non-Detect.

QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.

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.

Calculated results may use J-flag data (instead of reported "ND") as part of calculation to provide a more accurate result.

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